
CLEANUP ACTION REPORT



Property:

Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Prepared for:

Lucia Development, LLC
620 North Brand Boulevard, 6th Floor
Glendale, California

Report Date:

November 8, 2011

Cleanup Action Report

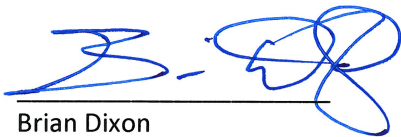
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Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington 98516

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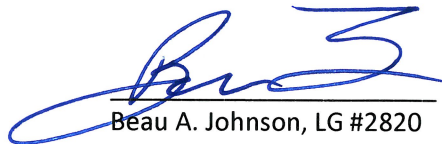


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November 8, 2011



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ACRONYMS AND ABBREVIATIONS

µg/L	micrograms per liter
ACM	asbestos-containing material
AST	aboveground storage tank
bgs	below ground surface
BTEX	benzene, toluene, ethylbenzene, and total xylenes
CAR	Cleanup Action Report
cleanup level	MTCA Method A cleanup level
COCs	chemicals of concern
DRPH	diesel-range petroleum hydrocarbons
Ecology	Washington State Department of Ecology
EPA	U.S. Environmental Protection Agency
ESA	environmental site assessment
F&BI	Friedman & Bruya, Inc.
GPS	global positioning system
GRPH	gasoline-range petroleum hydrocarbons
HASP	Health and Safety Plan
LBP	lead-based paint
MarVac	Marine Vacuum Services
MTCA	Washington State Model Toxics Control Act
NWTPH	Northwest Total Petroleum Hydrocarbon
ORPH	oil-range petroleum hydrocarbons
PCB	polychlorinated biphenyl
PHC	petroleum hydrocarbons
PID	photoionization detector

ACRONYMS AND ABBREVIATIONS (CONTINUED)

PLM	polarized light microscopy
the Property	the former Ram Auto Property located at 8048 and 8106 Martin Way East in Lacey, Washington
RCRA	Resource Conservation and Recovery Act
the Site	near-surface petroleum- and metals-contaminated soil dispersed across the Property
SoundEarth	SoundEarth Strategies, Inc.
TRPH	total recoverable petroleum hydrocarbons
UST	underground storage tank
WAC	Washington Administrative Code
WSA	Washington State Archives

1.0 INTRODUCTION

SoundEarth Strategies, Inc. (SoundEarth, formerly Sound Environmental Strategies Corporation) has prepared this Cleanup Action Report (CAR) for the Former RAM Auto Property, located at 8048 and 8106 Martin Way East in Lacey, Washington (the Property), on behalf of Lucia Development, LLC. As established in Section 200 of Chapter 340 of Title 173 of the Washington Administrative Code (WAC 173-340-200), the "Site" is defined by the full lateral and vertical extent of contamination that resulted from the historical operation of a retail gasoline service station and automobile wrecking facility on the Property. Based on the information gathered to date, the Site appears to be limited to near-surface petroleum- and metals-contaminated soil dispersed across the Property.

This CAR documents (1) the Property background, (2) previous investigations conducted by SoundEarth and others, (3) the removal of two abandoned underground storage tanks (USTs) from the Property, and (4) the remedial excavation and removal of contaminated soil from the Property.

1.1 PURPOSE

The purpose of this CAR is to satisfy the specific requirements of the Washington State Model Toxics Control Act (MTCA), in accordance with WAC 173-340-400 and 173-340-410, to obtain a determination of No Further Action from the Washington State Department of Ecology (Ecology) through Ecology's Voluntary Cleanup Program.

1.2 PROPERTY LOCATION AND DESCRIPTION

The following subsections present the current land use on the Property and surrounding parcels.

1.2.1 Property

The Property is located on two rectangular-shaped tax parcels (Parcel nos. 11811430400 and 11811430500) that cover a total of approximately 128,502 square feet (2.95 acres) of land. The Property is listed at 8048 and 8106 Martin Way East in Lacey, Washington, approximately 6.8 miles east of downtown Olympia, Washington, as shown in Figure 1.

The Property is currently vacant and scheduled for redevelopment in 2012 as a retail shopping center (Figure 2).

1.2.2 Adjoining Properties

Development in the vicinity of the Property is primarily commercial. Uses of nearby properties at the time of SoundEarth's Property visits are summarized below:

- **North.** LA Fitness occupies the commercial parcel adjacent to the north of the Property.
- **South.** Martin Way East runs along the southern Property boundary. Across Martin Way East is Hawks Prairie Automotive.
- **East.** A 2000-vintage Safeway retail gasoline service station operates on the parcel adjacent to the east of the Property.

- **West.** Galaxy Drive Northeast provides the western boundary of the Property. Goodwill Industries operates on the parcel across Galaxy Drive Northeast to the west.

1.3 PROPERTY LAND USE HISTORY

According to records on file at Washington State Archives (WSA), the Property was first developed in 1942. Photographs of the Property provided by Mr. Ben Helle of the WSA indicated the presence of several single-family residences and a stable (photographs taken in 1942 and 1947), an unidentified structure (photograph taken in 1942), a four-car garage (photograph taken in 1947), and a retail gasoline service station (photograph taken in 1947). The heat source for the single-family residences was not identified. The file associated with these photographs indicates that the building used as the gasoline station (noted as a store and restaurant) was equipped with USTs, although the number of tanks was not specified.

By 1972, the Property operated as an automobile wrecking and salvage yard. Property use remained unchanged until 2007, when Lucia Development, LLC, purchased the Property.

1.4 FUTURE PROPERTY LAND USE

Future land use plans for the Property include the development of a retail shopping center.

1.5 GEOLOGIC AND HYDROGEOLOGIC SETTING

The following sections provide a summary of the hydrogeology beneath and in the vicinity of the Property.

1.5.1 Regional Hydrogeology

Topographically, the Property is relatively level at elevations between 202 and 206 feet above mean sea level. McAllister Creek, which flows north into the Nisqually Reach of Puget Sound, is located approximately 1.75 miles east of the Property.

A well log available for review on Ecology's web site indicated that groundwater in the area is approximately 48 feet below ground surface (bgs). Based solely upon inference from topography, local drainage patterns, and surface water flow, it appears that shallow-seated groundwater in the vicinity of the Property flows in a north-northeasterly direction toward the Nisqually Reach of Puget Sound.

1.5.2 Property Geology

Geologic maps of the area (Vaccaro et al. 1998) indicate that the Property is underlain by Vashon recessional outwash deposits. These deposits consist of moderately to poorly sorted sand and gravel with small amounts of till, which typically is characterized by relatively high vertical hydraulic conductivity. Observation of subsurface conditions during previous investigations and the remedial activities described herein indicated that the Property is underlain by loose sand and coarse sediment known as Steilacoom Gravel to at least 13 feet bgs. Steilacoom Gravel, which ranges in size from 1 to 3 inches in diameter, was deposited by streams flowing from proglacial lakes that were formed during the retreat of the Vashon Glacier, which began about 17,000 years ago (USGS 2000).

1.5.3 Property Hydrology

Groundwater levels measured in the five Site monitoring wells on August 24, 2011, ranged from 46.77 feet (monitoring well IP03) to 51.96 feet (monitoring well IP01) below the top of the monitoring well casings (Table 1). Groundwater elevations were contoured using the water level measurements collected on August 24, 2011 (Figure 3, Table 1). The groundwater contours indicated a groundwater flow direction to the northeast with a gradient of 0.02 feet per foot between monitoring wells IP02 and IP04.

1.6 PREVIOUS ENVIRONMENTAL INVESTIGATIONS

1.6.1 1999 Phase I Environmental Site Assessment and Limited Subsurface Investigation

Shannon & Wilson, Inc., conducted a Phase I Environmental Site Assessment (ESA) in 1999 which identified the use of the Property as an auto wrecking yard, and conducted a limited subsurface investigation in an effort to characterize on-Property soils. Five soil borings (PHC-1 through PHC-5) were advanced on the northern and southern portions of the Property to a total depth of 9 feet bgs (Figure 4). One soil sample from each boring was submitted to OnSite Environmental Inc. of Redmond Washington and analyzed for the presence or absence of petroleum hydrocarbons (PHC) and Resource Conservation and Recovery Act (RCRA) 8 metals. One of the samples, C-5-0 (collected from boring PHC-5 located north of the RAM Auto building), contained concentrations of oil-range petroleum hydrocarbons (ORPH), cadmium, and lead that exceeded their respective MTCA Method A cleanup levels (cleanup levels; Table 2).

1.6.2 2005 Subsurface Investigation

In 2005, a representative of Urban Redevelopment conducted a subsurface investigation and sampling event at the Property. Ten test pits were excavated on November 13, 2005 (Figure 4). Soil samples from the test pits and two surface scrapes were submitted to Friedman & Bruya, Inc., of Seattle, Washington (F&BI) for analysis of gasoline-range petroleum hydrocarbons (GRPH); diesel-range petroleum hydrocarbons (DRPH); total recoverable petroleum hydrocarbons (TRPH); benzene, toluene, ethylbenzene, and total xylenes (BTEX); and RCRA 8 metals. Several soil samples collected contained concentrations of GRPH, DRPH, ORPH, TRPH, BTEX, cadmium, and lead that exceeded their respective cleanup levels (Figure 4, Table 2).

1.6.3 2007 Phase I/II ESA

In 2007 Lucia Development, LLC, commissioned SoundEarth to complete a Phase I/Phase II ESA of the Property. In February 2007, six test pits (TP01 through TP06) were excavated on the southwestern portion of the Property in an effort to further delineate the extent of soil contamination (Figure 4). Select samples were submitted to F&BI for the analysis of GRPH, DRPH, ORPH, BTEX and RCRA 8 metals; none of the soil samples analyzed contained concentrations of chemicals of concern (COCs) exceeding their respective laboratory reporting limit and/or applicable cleanup level.

In March 2007, an additional four surface soil samples (TP11 through TP14) were collected beneath and to the north of the former canopy located on the southern half of the Property, and a fifth surface soil sample (TP15) was collected from the northern portion of the Property to evaluate for the presence of PHC and polychlorinated biphenyls (PCBs; Figure 4). Concentrations of DRPH and ORPH exceeded the cleanup levels in several surface samples collected beneath and to the north of the canopy (Figure 4, Table 2), and two soil samples analyzed for PCBs

contained a detectable concentration of one Aroclor, but these concentrations were only slightly above the laboratory detection limit and well below the applicable cleanup level; PCBs were therefore determined not to be a chemical of concern for the Site.

1.6.4 2007 Hazardous Materials Survey

On April 18, 2007, SoundEarth representatives conducted a hazardous materials survey at the Property. The survey was conducted to identify asbestos-containing material (ACM) and lead-based paint (LBP) in preparation for the on-Property building demolition (SES 2007).

Of the 30 building materials suspected of being ACMs sampled during this survey, the following materials were confirmed to contain asbestos by polarized light microscopy (PLM):

- Green sheet vinyl with gray backing in 1st floor Kitchen and Bathroom.
- 9-inch by 9-inch pink floor tile on 2nd floor Room 5.

Joint compounds associated with gypsum wallboard assemblies throughout RAM Auto & Truck Recycling, Inc., were found to contain less than 1 percent asbestos by composite PLM analysis.

Black and gray penetration mastic associated with two chimneys and vent tube on the East Roof were observed during the time of the survey. These materials were not sampled because SoundEarth personnel were informed that the roof might collapse if walked upon. Penetration mastics on the east roof were assumed to contain asbestos.

Five bulk paint chip samples were collected from representative interior and exterior painted surfaces and analyzed for total lead content to determine the extent of LBP. Three paint samples analyzed were found to show lead concentrations.

1.6.5 2007 Building Demolition and Supply Well Discovery

The former RAM Auto building and associated structures were demolished between August 28 and August 30, 2007. The concrete pad associated with the former building, as well as large quantities of debris and vegetation were removed from the Property. All ACM identified during the hazardous materials survey was removed by properly licensed and protected personnel, using appropriate work practices and engineering controls.

On August 31, 2007, the piping from a former 8-inch-diameter supply well was pulled out of the ground during the removal of the concrete slab beneath the former RAM Auto building. Petroleum sheen was observed covering the piping, and a petroleum odor was observed at the surface of the well casing. The former supply well was estimated to be approximately 50 feet deep.

Liquid extracted from the former well casing appeared to be consistent with a petroleum product and was submitted for the analysis of GRPH by Northwest Total Petroleum Hydrocarbon (NWTPH) Method NWTPH-Gx, DRPH and ORPH by Method NWTPH-Dx, and BTEX by U.S. Environmental Protection Agency (EPA) Method 8021B. Analytical results indicated that the liquid within the well casing was primarily a mixture of gasoline and heavy oil, containing 130,000 micrograms per liter ($\mu\text{g}/\text{L}$) of GRPH and 13,000 $\mu\text{g}/\text{L}$ of ORPH. In an effort to determine whether the former supply well had connectivity with the shallow groundwater aquifer beneath the Property, the liquid from within the well casing was extracted by Marine Vacuum Services (MarVac) of Seattle, Washington, and the well was continuously monitored for groundwater recharge; no measureable amounts of groundwater recharged into the former supply well which

suggest that the well has no direct contact with the surrounding aquifer. Groundwater analytical results from a monitoring well advanced approximately 2-feet from the former supply well supports this assertion and is further discussed in section 3.3.2.

1.6.6 AST Removal

During demolition activities, a waste oil aboveground storage tank (AST) was evacuated of its contents and removed from the Property. The AST was stored within a 6-inch thick concrete secondary containment unit where no visible leaks or sheens were observed. Once the tank was removed, the concrete containment unit was demolished. No visual or olfactory indications of contamination were present beneath the structure.

1.6.7 2007 UST Decommissioning and Soil Removal

On August 30, 2007, two USTs containing gasoline were identified beneath the concrete slab located immediately north of the former pump island. The contents of the tanks, which included a mixture of gasoline and water, were evacuated by MarVac. A marine chemist inerted the USTs with carbon dioxide before the USTs were removed from the ground. A SoundEarth Washington State-certified site assessor oversaw the decommissioning and removal of the USTs and collected floor and sidewall samples from the excavation. None of the soil samples collected from the UST cavity contained detectable concentrations of GRPH or BTEX (Figure 4, Table 2); the excavation was subsequently backfilled with clean soil.

2.0 REMEDIAL ACTION

This section provides a detailed description of the pre-field and field components of the remedial action conducted at the Site.

2.1 PRE-REMEDIAL COMPONENTS

2.1.1 National Pollutant Discharge Elimination System Construction Stormwater General Permit

Prior to remedial activities, SoundEarth acquired a National Pollutant Discharge Elimination System Construction Stormwater General Permit. The permit is required by Ecology when clearing, grading, and or excavation activities result in the disturbance of one or more acres of land and discharges stormwater to surface waters of Washington State. All appropriate erosion control Best Management Practices were implemented prior to ground disturbance.

2.1.2 State Environmental Policy Act

As part of the grading permit application process through the City of Lacey and Thurston County Department of Public Health, a State Environmental Policy Act checklist was completed for consideration of environmental impacts from the proposed remedial action. After review, Thurston County issued a determination of non-significance for the proposed remedial action.

2.2 REMEDIAL EXCAVATION

The initial phase of the remedial action concentrated on removing soil that was confirmed to contain elevated concentrations of COCs or that exhibited visual and olfactory indications of contamination according to the area designations described below (Figure 4):

- **Area 1.** Area 1 (7,600 square feet) is located on the southern portion of the Property and includes the footprint of the former RAM Auto office building, shop, canopy, and concrete slab. Soil samples collected from Area 1 during previous investigations exhibited concentrations of DRPH, ORPH, and cadmium that exceeded their respective cleanup levels.

Following the demolition of the building and associated structures, soil that exhibited visual/olfactory indications of petroleum hydrocarbon contamination was excavated to a variable depths depending on the observed extent of contaminant impacts.

- **Area 2.** Area 2 (11,800 square feet) is located adjacent to the north of Area 1. Soil samples collected from Area 2 contained concentrations of GRPH, DRPH, ORPH, and BTEX that exceeded their respective cleanup levels. The soil in Area 2 was excavated to depths between 0.5 and 4 feet bgs.
- **Area 3.** Area 3 (1,350 square feet), located on the northwestern portion of the Property, includes a depression filled with debris. Samples collected from Area 3 contained concentrations of ORPH that slightly exceeded the cleanup level. Soil in Area 3 was excavated to a maximum depth of 5.5 feet bgs.
- **Area 4.** Soil collected from Area 4 (1,000 square feet), which is located on the northeastern portion of the Property, contained concentrations of DRPH and ORPH in excess of the cleanup levels. Soil in Area 4 was excavated to a maximum depth of 4 feet bgs.
- **Area 5.** Area 5 includes approximately 60,000 square feet extending to the north of the former RAM Auto building where a majority of the automobile staging occurred. Several hot spots were identified throughout Area 5; these areas were excavated to variable depths depending on the observed extent of contaminant impacts.

Following the removal of hot spots and debris areas as described above, a biological treatment fertilizer (containing appropriate fractions of nitrogen, phosphorus, and potassium) was spread across the Property in an effort to biodegrade any residual petroleum hydrocarbons and minimize waste disposal. The fertilizer was sprayed with water to maintain an optimal 20 to 25 percent moisture content and mixed into surface soils by raking the upper 6 inches of soil with a tractor and harrow one to two times each week for 3 weeks.

Soil was excavated from the Property until analytical data confirmed that concentrations of COCs in soil samples collected from the Property were below their respective cleanup levels (Table 2). Field screening techniques were used to direct excavation activities; however, only Ecology-approved analytical methods were used to confirm that cleanup levels were achieved.

Contaminated soil was excavated with a track-mounted hydraulic excavator, stockpiled on the Property, and transported to Waste Management or Allied Waste of Seattle, Washington, for disposal. Approximately 1,950 tons of contaminated soil was excavated from the Property during remedial activities.

2.3 SUPPLEMENTAL SUBSURFACE INVESTIGATION

The second phase of the remedial action was implemented to evaluate the potential release of petroleum hydrocarbons into soil and groundwater beneath the Property from the accumulated petroleum products discovered in the former supply well in 2007.

Four soil borings (IP01 through IP04) were advanced to the north, south, east, and west of the former supply well, and one soil boring (IP05) was advanced approximately 2-feet from to the former supply well (Figure 2). The five soil borings were advanced during 4 separate field mobilizations which took place between October 19, 2007, and August 15, 2011. All five soil borings were advanced to a depth of approximately 56 feet bgs, using hollow-stem auger drilling methods and completed as 2-inch-diameter monitoring wells screened from approximately 40 to 55 feet bgs. The soil was classified using the Unified Soil Classification System. Soil characteristics, including moisture content, relative density, texture, and color, were recorded on the boring logs provided in Appendix A. Soil and groundwater sample analytical results are discussed in section 3.3 below.

3.0 COMPLIANCE MONITORING

There are three types of compliance monitoring identified for remedial cleanup actions performed under MTCA (WAC 173-340-410): protection, performance, and confirmational monitoring. A paraphrased definition for each is presented below (WAC 173-340-410[1]).

- Protection Monitoring—To evaluate whether human health and the environment are adequately protected during construction and the operation and maintenance period of an interim action or cleanup action.
- Performance Monitoring—To document that an interim action or cleanup action has attained cleanup standards.
- Confirmational Monitoring—To evaluate the long-term effectiveness of an interim action or cleanup action once cleanup standards or other performance standards have been attained.

3.1 PROTECTION MONITORING

A Site-specific Health and Safety Plan (HASP) was prepared for the remedial action that meets the minimum requirements for such a plan identified in federal (Title 29 of the Code of Federal Regulations, Parts 1910.120 and 1926) and state (WAC 296) regulations. The HASP identified the known physical, chemical, and biological hazards; hazard monitoring protocols; and administrative and engineering controls required to mitigate the identified hazards. Protection monitoring was performed to ensure that personnel were not subject to unsafe conditions while working on-site; this sampling included the use of a photoionization detector (PID) to evaluate the environmental quality of ambient air at the Site. The results of the performance sampling confirmed that human health and the environment were adequately protected during the excavation activities.

3.2 PERFORMANCE MONITORING

Performance monitoring was conducted during the remedial action in an effort to direct the advancement of the excavation. Performance monitoring included the collection of soil samples from the sidewalls and floor of the excavation and collection of soil samples from soil stockpiles for waste profiling and off-Site disposal.

3.2.1 Soil Performance Monitoring

Performance soil samples were collected directly from the sidewalls and/or bottom of the remedial excavation using either stainless steel or plastic sampling tools. Soil samples collected at depths of less than 4 feet bgs were collected manually. Samples collected at depths below 4

feet bgs were collected with the backhoe bucket unless engineering controls were in place that allowed for manual sample collection at depths greater than 4 feet bgs. Non-dedicated sampling equipment was decontaminated between uses. The analytical results were used to assess when the points of compliance for soil had been achieved.

Soil samples from Areas 1, 2, 3, and 4 were characterized prior to the remedial action. However, throughout the excavation process, field screening activities were conducted using a PID and sheen testing to qualitatively evaluate the presence or absence of petroleum hydrocarbons in soil within the excavation areas. A Tremble global positioning system (GPS) unit and field measurements were used to record the locations of soil samples collected during the Property remediation. Soil samples collected during this investigation were denoted according to their distance in feet to the north and east of a water supply well shed (Figure 2), which was located in the southwest corner of the Property (e.g., 150N020E).

Between October 4 and November 8, 2007, performance samples were collected across the Property to evaluate contaminant concentrations with respect to the target cleanup levels for the remedial action. Soil samples were collected on a 15-foot grid within Areas 1 and 2, located on the southern portion of the Property, and on a 50-foot grid across the remainder of the Property. In addition, performance soil samples also were collected from the floor and sidewalls of deeper excavations, including the UST cavity and the debris areas. Soil samples were submitted to F&BI for analysis of GRPH by Method NWTPH-Gx; DRPH and ORPH by Method NWTPH-Dx; BTEX by EPA Method 8021B, and cadmium and lead by EPA Method 200.8. Table 2 summarizes the results of the performance soil samples.

Samples that were shown to contain concentrations of COCs below the applicable cleanup levels were considered to be confirmation samples as defined in section 3.3.1. Areas that were shown to contain residual elevated concentrations of petroleum hydrocarbons, cadmium, and lead, were overexcavated on April 28 and May 9, 2011. SoundEarth provided oversight and directed the excavation activities performed by SoundEarth Construction, LLC of Seattle, Washington. The overexcavation activities were directed using the performance soil sample data and associated sample locations as guided by the Tremble GPS unit and field measurements.

3.3 CONFIRMATIONAL MONITORING

Confirmational monitoring commenced once the analytical data from the performance monitoring indicated that the cleanup objectives had been achieved.

3.3.1 Soil Confirmational Monitoring

Confirmational monitoring for soil was conducted after completion of the excavation to assess the concentrations of COCs in subsurface soil, to verify compliance with applicable cleanup standards, and to confirm the long-term effectiveness of the remedial action. Soil samples were collected from the bottom and the sidewalls of the excavations and from select locations in the five soil borings advanced in the vicinity of the former supply well; discrete soil samples were collected from each soil boring using a Dames and Moore sampler advanced through the hollow-stem augers.

Confirmation soil samples were submitted to F&BI for analysis of GRPH using Method NWTPH-Gx and BTEX using EPA Method 8021B (Table 2).

- None of the soil samples collected from the excavation extent contained concentrations of COCs that exceeded their respective laboratory reporting limit and/or cleanup level (Figure 5, Table 2).
- None of the soil samples collected from soil borings IP01 through IP05 contained concentrations of COCs that exceeded their respective laboratory reporting limit and/or cleanup level (Table 2).

Laboratory analytical results from remedial activities are attached to this report as Appendix B.

3.3.2 Groundwater Confirmational Monitoring

Groundwater conformational monitoring was conducted at the Site to evaluate the potential release of petroleum hydrocarbons into groundwater beneath the Property from the accumulated petroleum products discovered in a former supply well in 2007.

The first sampling event was conducted on October 25, 2007, and included collecting groundwater samples from monitoring wells IP01 and IP02. The second sampling event was conducted on September 7, 2010, and included collecting groundwater samples from monitoring wells IP01 through IP04. The last sampling event occurred on August 24, 2011, and included collecting groundwater samples from all five monitoring wells, IP01 through IP05 (Table 1).

None of the groundwater samples collected over the three monitoring events contained concentrations of DRPH, ORPH, GRPH, or BTEX above the laboratory detection limit.

4.0 SUMMARY AND CONCLUSIONS

This remedial action resulted in the excavation and removal of approximately 1,950 tons of petroleum- and/or metals-contaminated soil from the Property. The results of soil sampling conducted at the final limits of the excavation confirm that all contaminated soil has been removed from the Property. Groundwater sampling and testing has demonstrated that no detectable concentrations of COCs are present in the shallow groundwater aquifer beneath the Property. Acknowledging these findings, it is reasonable to conclude that the soil impacts historically present on the Property have been successfully remediated and that no additional investigation or remediation of the Property is warranted.

5.0 LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, expressed or implied, is made. These services were performed consistent with our agreement with our client. This report is solely for the use and information of our client unless otherwise noted. Any reliance on this report by a third party is at such party's sole risk.

Opinions and recommendations contained in this report apply to conditions existing when services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of services. We do not warrant the accuracy of information supplied by others, or the use of segregated portions of this report.

6.0 REFERENCES

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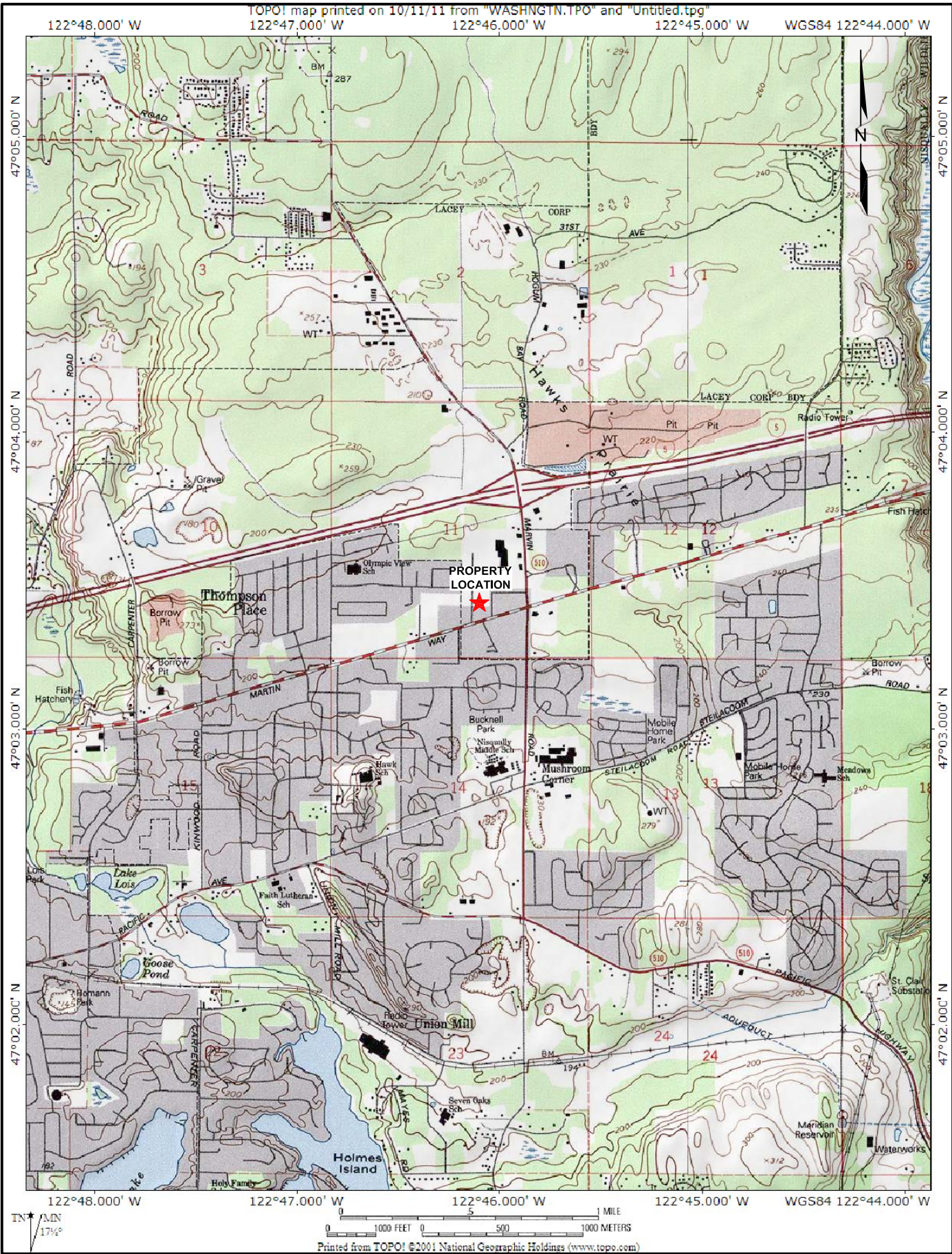
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FIGURES

TOPO! map printed on 10/11/11 from "WASHNGN.TPO" and "Untitled.tpg"



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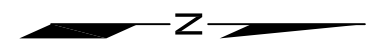
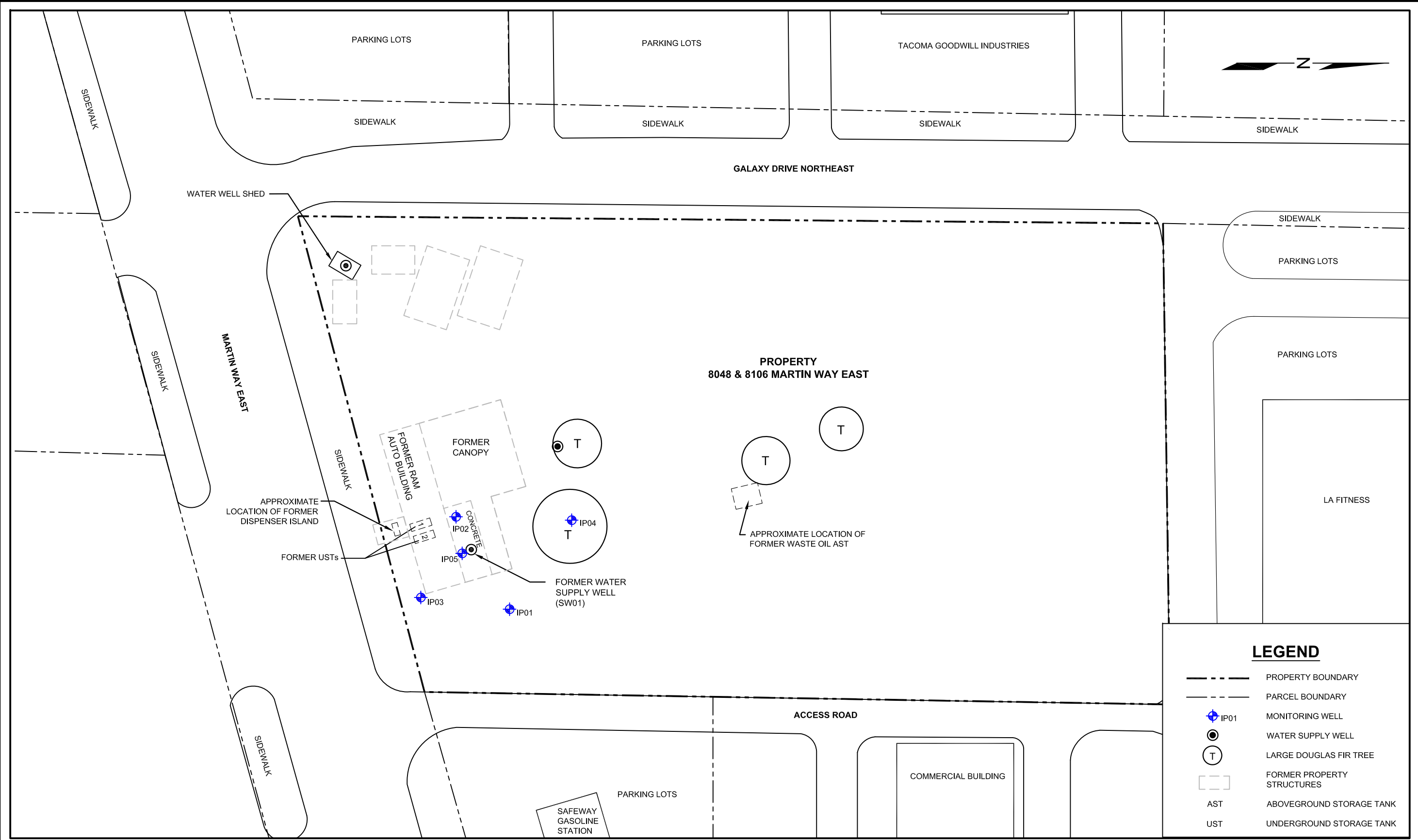
DATE: _____ 10/11/11
 DRAWN BY: _____ JQC
 CHECKED BY: _____ BAD
 CAD FILE: _____ 0570-001_FIG1

PROJECT NAME: _____ FORMER RAM AUTO PROPERTY
 PROJECT NUMBER: _____ 0570-001-05
 STREET ADDRESS: _____ 8048 & 8106 MARTIN WAY EAST
 CITY, STATE: _____ LACEY, WASHINGTON

FIGURE 1
 PROPERTY LOCATION MAP

11/3/2011

P:\0570 RAM AUTO PH I\0570-001-05\TECHNICAL\CAD\2011\CAR\0570-001-005 2011CAR_FIG2_F.DWG



LEGEND	
	PROPERTY BOUNDARY
	PARCEL BOUNDARY
	MONITORING WELL
	WATER SUPPLY WELL
	LARGE DOUGLAS FIR TREE
	FORMER PROPERTY STRUCTURES
AST	ABOVEGROUND STORAGE TANK
UST	UNDERGROUND STORAGE TANK



DATE: 10/18/11
 DRAWN BY: JQC
 CHECKED BY: BAD
 CAD FILE: 0570-001_2011CAR_FIG2

PROJECT NAME: FORMER RAM AUTO PROPERTY
 PROJECT NUMBER: 0570-001-05
 STREET ADDRESS: 8048 AND 8106 MARTIN WAY EAST
 CITY, STATE: LACEY, WASHINGTON

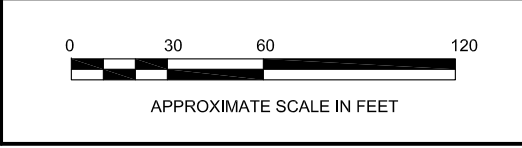
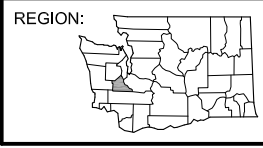
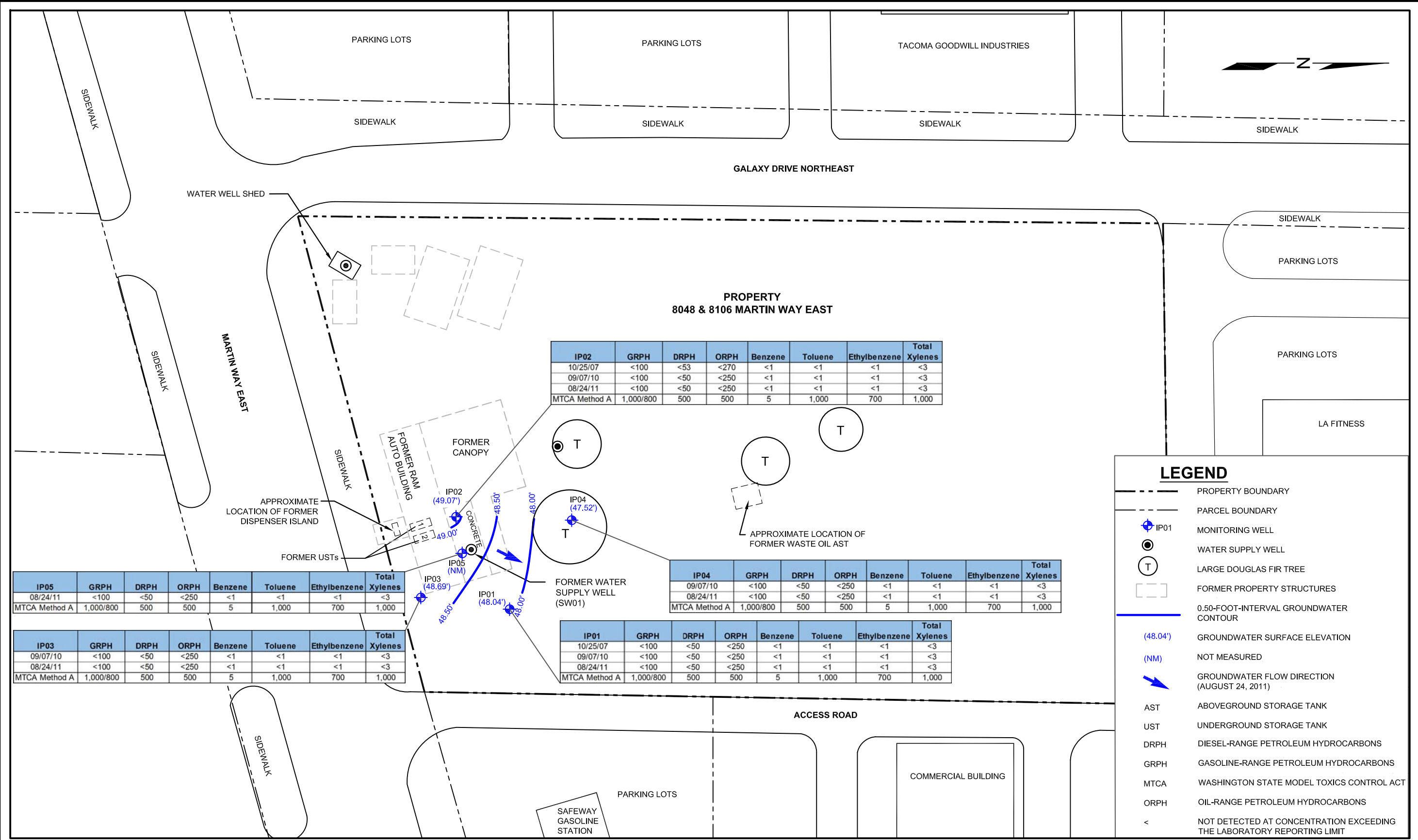


FIGURE 2
SITE PLAN

SOUND EARTH INC.

11/3/2011
P:\0570 RAM AUTO PH I\0570-001-05\TECHNICAL\CAD\2011\CAR_FIG4_F.DWG



LEGEND

- PROPERTY BOUNDARY
- - - - - PARCEL BOUNDARY
- IP01 MONITORING WELL
- WATER SUPPLY WELL
- T LARGE DOUGLAS FIR TREE
- - - - - FORMER PROPERTY STRUCTURES
- 0.50-FOOT-INTERVAL GROUNDWATER CONTOUR
- (48.04') GROUNDWATER SURFACE ELEVATION
- (NM) NOT MEASURED
- GROUNDWATER FLOW DIRECTION (AUGUST 24, 2011)
- AST ABOVEGROUND STORAGE TANK
- UST UNDERGROUND STORAGE TANK
- DRPH DIESEL-RANGE PETROLEUM HYDROCARBONS
- GRPH GASOLINE-RANGE PETROLEUM HYDROCARBONS
- MTCA WASHINGTON STATE MODEL TOXICS CONTROL ACT
- ORPH OIL-RANGE PETROLEUM HYDROCARBONS
- < NOT DETECTED AT CONCENTRATION EXCEEDING THE LABORATORY REPORTING LIMIT



DATE: 10/18/11
 DRAWN BY: JQC
 CHECKED BY: BAD
 CAD FILE: 0570-001_2011CAR_FIG4

PROJECT NAME: FORMER RAM AUTO PROPERTY
 PROJECT NUMBER: 0570-001-05
 STREET ADDRESS: 8048 AND 8106 MARTIN WAY EAST
 CITY, STATE: LACEY, WASHINGTON

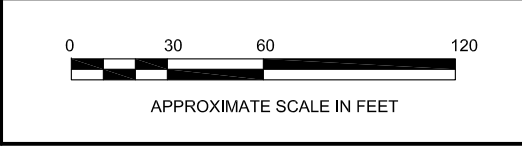
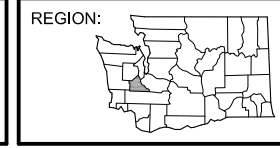


FIGURE 3
 GROUNDWATER CONTOUR MAP
 WITH ANALYTICAL RESULTS
 (AUGUST 24, 2011)

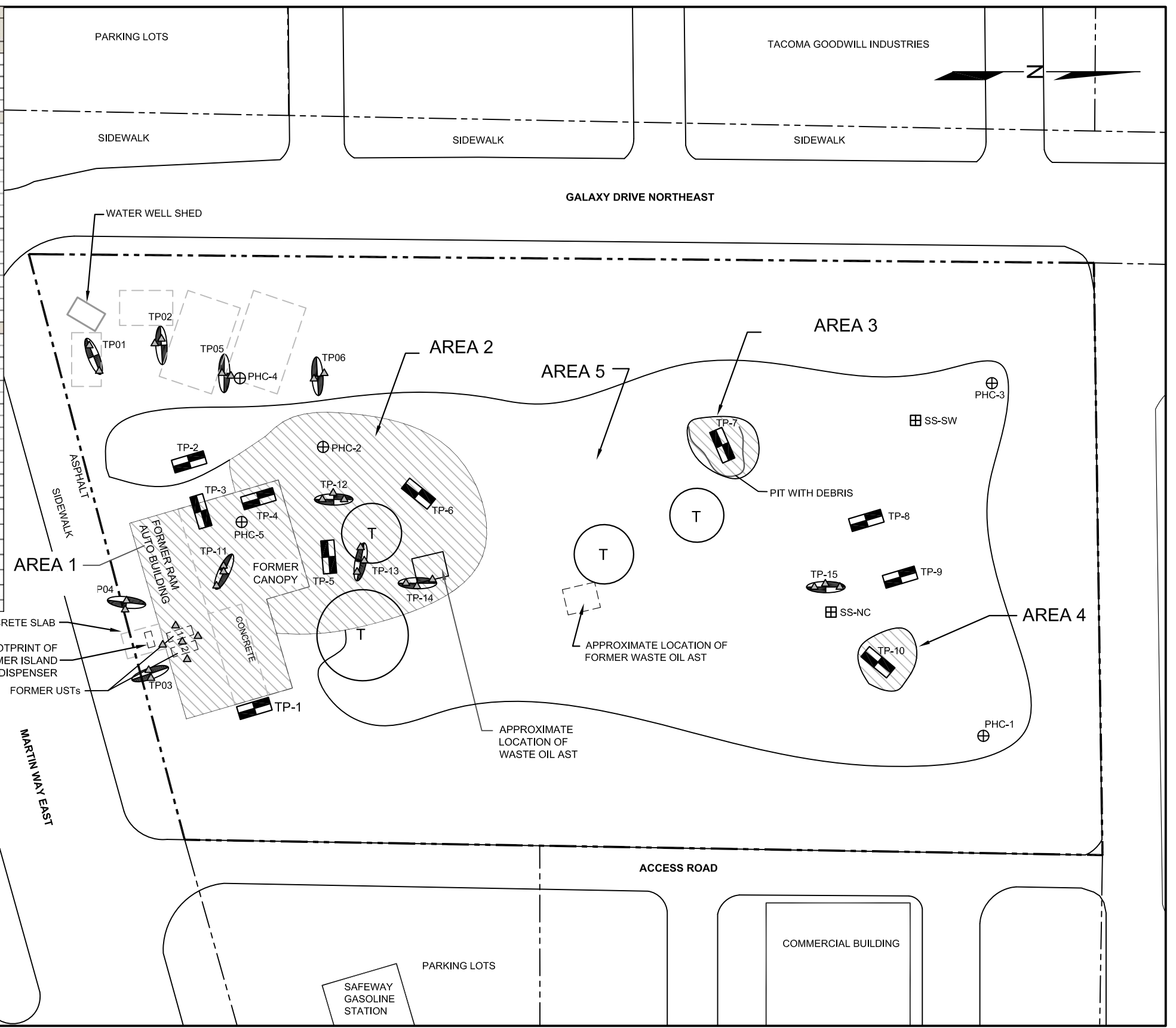
SOUND EARTH INC.

11/3/2011
P:\0570 RAM AUTO PH I\0570-001-05\TECHNICAL\CAD\2011\CAR\0570-001-005_2011\CAR_FIG3_E.DWG

Sample Location	Sample Date	Depth (feet)	Analytical Results (milligrams per kilogram)						
			GRPH	DRPH	ORPH	TRPH	Benzene	Toluene	Ethylbenzene
Shannon & Wilson 1999									
PHC-1	05/14/99	9	<26	<51	<100	--	--	--	--
PHC-2	05/14/99	3	<29	<57	<110	--	--	--	--
PHC-3	05/14/99	6	<27	<53	<110	--	--	--	--
PHC-4	05/14/99	6	<26	<52	<100	--	--	--	--
PHC-5	05/20/99	0	<27	<54	38,000	--	--	--	--
Urban Redevelopment 2005									
SS-NC	11/15/05	0	<2	65	320	260	--	--	--
SS-SW	11/15/05	0	<2	230	630	590	--	--	--
TP-1	11/15/05	0.5	<2	<50	<250	<250	--	--	--
TP-3	11/15/05	0.0	<2	7,600	18,000	18,000	--	--	--
	11/15/05	0.3	<2	3,300	8,100	7,900	--	--	--
	11/15/05	0.1	<2	<50	<250	<250	--	--	--
	11/15/05	0.5	<2	<50	<250	<250	--	--	--
TP-4	11/15/05	1.0	<2	<50	<250	<250	--	--	--
	11/15/05	1	<2	750	3,200	2,600	--	--	--
TP-5	11/15/05	0	<2	20,000	43,000	45,000	--	--	--
	11/15/05	1	<2	600	2,300	1,900	--	--	--
	11/15/05	2	<2	670	1,700	1,700	--	--	--
TP-6	11/15/05	0.75	150	2,100	3,700	4,300	1.2	9.7	6.1
TP-7	11/15/05	0	23	730	4,000	3,000	--	--	--
TP-8	11/15/05	0.75	<2	180	920	720	<0.03	<0.05	<0.05
TP-9	11/15/05	0	<2	260	2,100	1,500	--	--	--
TP-10	11/15/05	0.5	<2	2,000	4,400	4,500	--	--	--
Sound Environmental Strategies 2007 & SoundEath Strategies 2011									
TP01	02/02/07	6	<2	<50	<250	--	<0.02	<0.02	<0.02
TP02	02/02/07	2	<2	<50	<250	--	<0.02	<0.02	<0.02
TP03	02/02/07	4	<2	<50	<250	--	<0.02	<0.02	<0.02
	02/02/07	1	<2	<50	<250	--	<0.02	<0.02	<0.02
TP04	02/02/07	4	<2	<50	<250	--	<0.02	<0.02	<0.02
	02/02/07	1	<2	<50	<250	--	<0.02	<0.02	<0.02
TP05	02/02/07	4	<250	<50	3.0	--	--	--	--
	02/02/07	1	<250	<50	<2	--	--	--	--
TP-11	03/30/07	0	--	17,000	45,000	--	--	--	--
TP-12	03/30/07	0	--	2,100	6,800	--	--	--	--
TP-13	03/30/07	0	--	4,700	18,000	--	--	--	--
TP-14	03/30/07	0	--	2,500	10,000	--	--	--	--
TP-15	03/30/07	0	--	240	890	--	--	--	--
UST1-09N00E-04	9/04/07	0.5	<2	<50	<250	--	<0.02	<0.02	<0.02
UST-18N07E-04	9/04/07	0.5	<2	<50	<250	--	<0.02	<0.02	<0.02
UST1-09N02E-05.5	9/04/07	0.5	<2	<50	<250	--	<0.02	<0.02	<0.02
UST2-09N02W-05.5	9/04/07	0.5	<2	<50	<250	--	<0.02	<0.02	<0.02
UST2-09N00W-04	9/04/07	0.5	<2	<50	<250	--	<0.02	<0.02	<0.02
UST-00N07E-04	9/04/07	0.5	<2	<50	<250	--	<0.02	<0.02	<0.02
MTCA Method A			30	2,000	2,000	2,000	0.03	7	6

LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- C-1 SOIL BORINGS (SHANNON & WILSON 1999)
- TP-8 TEST PITS BY URBAN REDEVELOPMENT (2005)
- TP-06 TEST PITS BY SOUND_EARTH (2007)
- NC SURFACE SOIL SAMPLE
- LARGE DOUGLAS FIR TREE
- FORMER PROPERTY STRUCTURES
- SOIL SAMPLE (SOUND_EARTH 2007)
- AST ABOVEGROUND STORAGE TANK
- UST UNDERGROUND STORAGE TANK



DATE: 10/18/11
 DRAWN BY: JQC
 CHECKED BY: BAD
 CAD FILE: 0570-001_2011CAR_FIG3

PROJECT NAME: FORMER RAM AUTO PROPERTY
 PROJECT NUMBER: 0570-001-05
 STREET ADDRESS: 8048 AND 8106 MARTIN WAY EAST
 CITY, STATE: LACEY, WASHINGTON

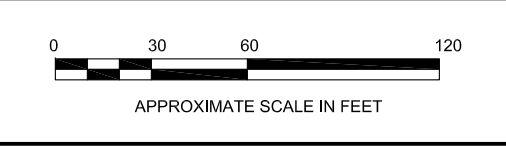
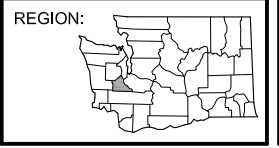
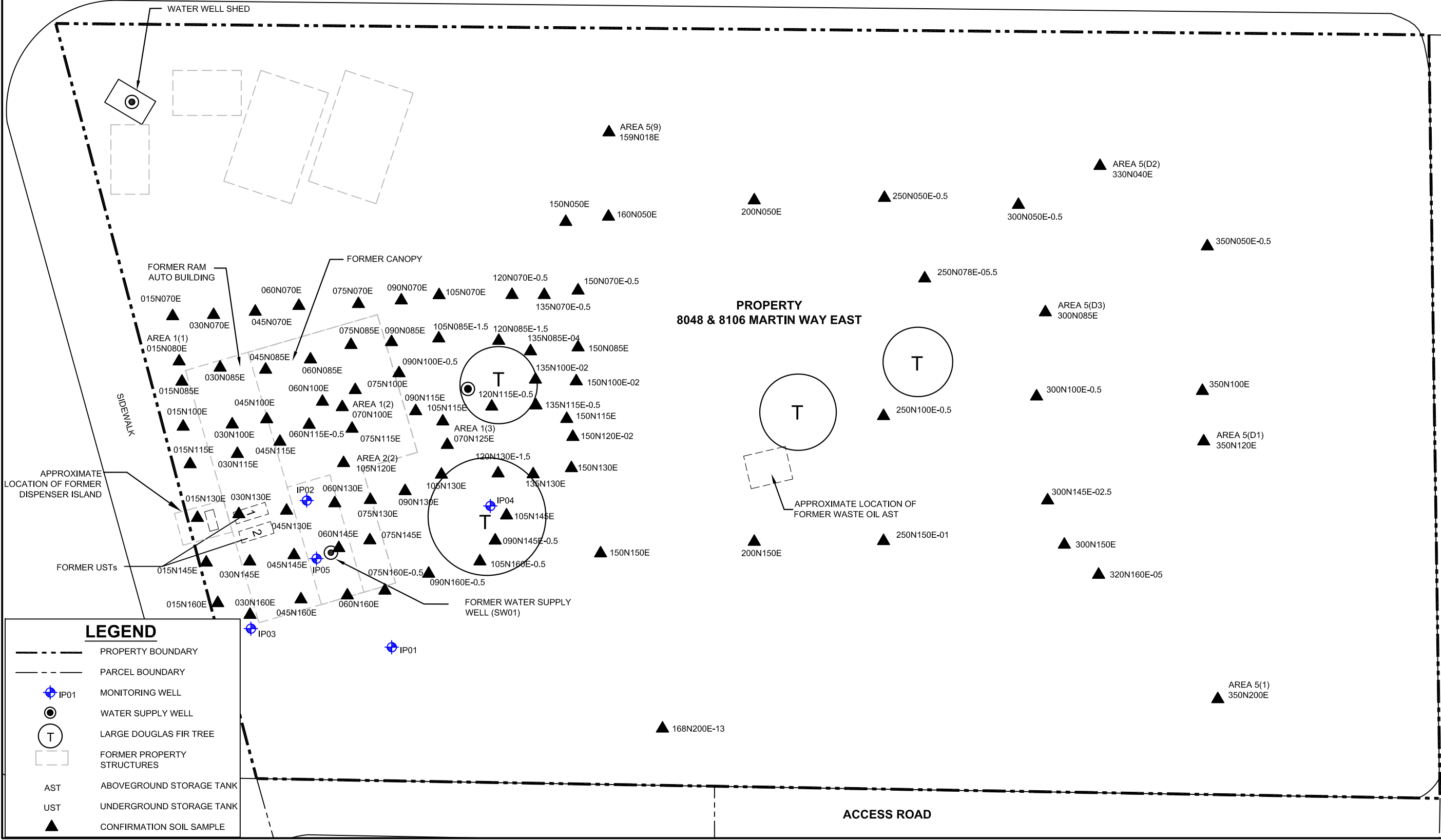
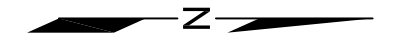


FIGURE 4
 EXPLORATION LOCATION PLAN WITH SOIL ANALYTICAL RESULTS

SOUND EARTH INC.

11/3/2011
P:\0570 RAM AUTO PH\H\0570-001-05\TECHNICAL\CAD\2011\CAR\0570-001-005_2011\CAR_FIG5_E.DWG

GALAXY DRIVE NORTHEAST



LEGEND

- PROPERTY BOUNDARY
- PARCEL BOUNDARY
- IP01 MONITORING WELL
- WATER SUPPLY WELL
- LARGE DOUGLAS FIR TREE
- FORMER PROPERTY STRUCTURES
- ABOVEGROUND STORAGE TANK
- UNDERGROUND STORAGE TANK
- CONFIRMATION SOIL SAMPLE



DATE: 10/18/11
 DRAWN BY: JQC
 CHECKED BY: BAD
 CAD FILE: 0570-001_2011CAR_FIG5

PROJECT NAME: FORMER RAM AUTO PROPERTY
 PROJECT NUMBER: 0570-001-05
 STREET ADDRESS: 8048 AND 8106 MARTIN WAY EAST
 CITY, STATE: LACEY, WASHINGTON

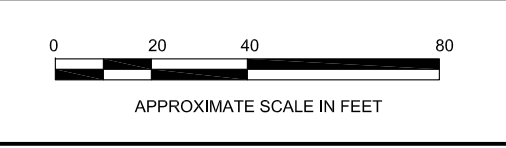
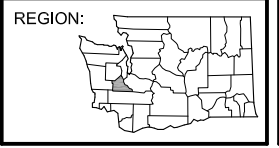


FIGURE 5
 CONFIRMATION SOIL SAMPLE LOCATIONS

SOUND EARTH INC.

TABLES



Table 1
Groundwater Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Well ID	Sample Date	Depth to Groundwater ¹ (feet)	Groundwater Elevation ² (feet)	Analytical Results (µg/L)						
				DRPH ³	ORPH ³	GRPH ⁴	Benzene ⁵	Toluene ⁵	Ethylbenzene ⁵	Total Xylenes ⁵
IP01 TOC: 100.00'	10/25/07	51.47	48.53	<50	<250	<100	<1	<1	<1	<3
	09/07/10	48.61	51.39	<50	<250	<100	<1	<1	<1	<3
	08/24/11	51.96	48.04	<50	<250	<100	<1	<1	<1	<3
IP02 TOC: 100.00'	10/25/07	50.34	49.66	<53	<270	<100	<1	<1	<1	<3
	09/07/10	48.32	51.68	<50	<250	<100	<1	<1	<1	<3
	08/24/11	50.93	49.07	<50	<250	<100	<1	<1	<1	<3
IP03 TOC: 95.46'	09/07/10	47.89	47.57	<50	<250	<100	<1	<1	<1	<3
	08/24/11	46.77	48.69	<50	<250	<100	<1	<1	<1	<3
IP04 TOC: 97.11'	09/07/10	50.60	46.51	<50	<250	<100	<1	<1	<1	<3
	08/24/11	49.59	47.52	<50	<250	<100	<1	<1	<1	<3
IP05	08/24/11	46.79	--	<50	<250	<100	<1	<1	<1	<3
MTCA Method A Cleanup Level for Groundwater⁶				500	500	800/1,000⁸	5	1,000	700	1,000

NOTES:

Samples analyzed by Friedman & Bruya, Inc., of Seattle, Washington.

¹As measured in feet below a fixed spot on the well casing rim.

²Measured relative to a temporary benchmark with an assumed elevation of 100.00 feet.

³Analyzed by Method NWTPH-Dx.

⁴Analyzed by Method NWTPH-Gx.

⁵Analyzed by U.S. Environmental Protection Agency Method 8021B.

⁶MTCA Method A Cleanup Levels, Table 720-1, Section 900, Chapter 173-340 of the Washington Administrative Code, revised November 2007.

⁸800 µg/L when benzene is detected and 1,000 µg/L when benzene is not detected.

< = not detected at a concentration exceeding the laboratory reporting limit

-- = not sampled/not analyzed

µg/L = micrograms per liter

DRPH = diesel-range petroleum hydrocarbons

GRPH = gasoline-range petroleum hydrocarbons

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbon

ORPH = oil-range petroleum hydrocarbons

TOC = top of casing elevation



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
Shannon & Wilson, Inc. 1999														
C-1-9	--	05/14/99	--	9	<26	<51	<100	--	--	--	--	--	--	--
C-2-3	--	05/14/99	--	3	<29	<57	<110	--	--	--	--	--	--	--
C-3-6	--	05/14/99	--	6	<27	<53	<110	--	--	--	--	--	--	--
C-4-6	--	05/14/99	--	6	<26	<52	<100	--	--	--	--	--	--	--
C-5-0	--	05/20/99	--	0	<27	<54	38,000	--	--	--	--	--	11	310
Urban Redevelopment 2005														
SS-NC	--	11/15/05	--	0	<2	65	320	260	--	--	--	--	1.39	73.1
SS-SW	--	11/15/05	--	0	<2	230	630	590	--	--	--	--	2.36	92.5
TP1 4"	--	11/15/05	--	0.5	<2	<50	--	<250	--	--	--	--	--	--
TP3 0"-3"	--	11/15/05	--	0	<2	7,600	18,000	18,000	--	--	--	--	3.13	107
TP3 4"	--	11/15/05	--	0.5	<2	3,300	8,100	7,900	--	--	--	--	--	--
TP3 2"	--	11/15/05	--	0.1	<2	<50	--	<250	--	--	--	--	--	--
TP3 6"	--	11/15/05	--	0.5	<2	<50	--	<250	--	--	--	--	--	--
TP3 1'	--	11/15/05	--	1	<2	<50	--	<250	--	--	--	--	--	--
TP4 1'	--	11/15/05	--	1	<2	750	3,200	2,600	--	--	--	--	2.78	284
TP5 0-2"	--	11/15/05	--	0	5	20,000	43,000	45,000	--	--	--	--	7.16	197
TP5 1'	--	11/15/05	--	1	<2	600	2,300	1,900	--	--	--	--	--	--
TP5 2'	--	11/15/05	--	2	<2	670	1,700	1,700	--	--	--	--	--	--
TP6 8"	--	11/15/05	--	0.75	150	2,100	3,700	4,300	1.2	9.7	6.1	45	--	--
TP7 0-4"	--	11/15/05	--	0	23	730	4,000	3,000	--	--	--	--	--	--
TP8 6"-8"	--	11/15/05	--	0.75	<2	180	920	720	<0.03	<0.05	<0.05	<0.182	2.81	55.1
TP9 SP	--	11/15/05	--	0	<2	260	2,100	1,500	--	--	--	--	1.64	156
TP10 4"-6"	--	11/15/05	--	0.5	<2	2,000	4,400	4,500	--	--	--	--	--	--
MTCA Method A Cleanup Levels for Soil⁴					100/30⁹	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
TP01F01-06.0	Test Pit	02/02/07	Test Pit 1	6	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
TP01E01-02.0	Test Pit	2/2/07	Test Pit 1	2	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	19.40
TP02S01-02.0	Test Pit	2/2/07	Test Pit 2	2	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
TP02F01-0.4.0	Test Pit	2/2/07	Test Pit 2	4	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
TP03W01-01.0	Test Pit	2/2/07	Test Pit 3	1	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	11.9
TP03F01-04.0	Test Pit	2/2/07	Test Pit 3	4	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
TP04F01-02.0	Test Pit	2/2/07	Test Pit 4	2	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	<1
TP04E01-01.0	Test Pit	2/2/07	Test Pit 4	1	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
TP05N01-01.0	Test Pit	2/8/07	Test Pit 5	1	--	--	--	--	--	--	--	--	--	--
TP05F01-04.0	Test Pit	2/8/07	Test Pit 5	4	--	--	--	--	--	--	--	--	--	--
TP06N01-01.0	Test Pit	2/8/07	Test Pit 6	1	--	--	--	--	--	--	--	--	--	--
TP06F01-03.0	Test Pit	2/8/07	Test Pit 6	3	--	--	--	--	--	--	--	--	--	--
TP11-2007330	Test Pit	3/30/07	Test Pit 11	--	--	17,000	45,000	--	--	--	--	--	--	--
TP12-2007330	Test Pit	3/30/07	Test Pit 12	--	--	2,100	6,800	--	--	--	--	--	--	--
TP13-2007330	Test Pit	3/30/07	Test Pit 13	--	--	4700	18000	--	--	--	--	--	--	--
TP14-2007330	Test Pit	3/30/07	Test Pit 14	--	--	2,500	10,000	--	--	--	--	--	--	--
TP15-2007330	Test Pit	3/30/07	Test Pit 15	--	--	240	890	--	--	--	--	--	--	--
TP16-20070820	Test Pit	8/20/07	Area 1	.5	--	--	--	--	--	--	--	--	1.76	152.00
TP17-20070820	Test Pit	8/20/07	Area 2	.5	--	--	--	--	--	--	--	--	5.64	289.00
TP18-20070820	Test Pit	8/20/07	Area 3	.5	--	--	--	--	--	--	--	--	3.56	1640
UST1-09N00E-04	UST	9/04/07	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	4.03
UST-18N07E-04	UST	9/04/07	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	4.56
UST1-09N02E-05.5	UST	9/04/07	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	1.57
UST2-09N02W-05.5	UST	9/04/07	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	4.51
UST2-09N00W-04	UST	9/04/07	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	16.0
UST-00N07E-04	UST	9/04/07	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	7.39
MTCA Method A Cleanup Levels for Soil⁴					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
015N070E-00	Confirmation	10/05/07	015N 070E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.97	46.1
C-Area1(1)@surface	Confirmation	9/14/07	015N 080E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	2.16
015N085E-00	Confirmation	10/05/07	015N 085E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.75	37.1
015N100E-00	Confirmation	10/05/07	015N 100E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	14.5
015N115E-00	Confirmation	10/05/07	015N 115E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	16.7
015N130E-00	Confirmation	10/05/07	015N 130E	0	<2	120 ^x	480	--	<0.02	<0.02	<0.02	<0.06	0.98	57.4
015N145E-00	Confirmation	10/05/07	015N 145E	0	<2	78 ^x	510	--	<0.02	<0.02	<0.02	<0.06	<0.5	14.9
015N160E-00	Confirmation	10/05/07	015N 160E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	18.0
030N070E-00	Confirmation	10/05/07	030N 070E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	10.4
030N085E-00	Confirmation	10/05/07	030N 085E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	5.97
030N100E-00	Confirmation	10/05/07	030N 100E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	19.7
030N115E-00	Confirmation	10/05/07	030N 115E	0	4	110 ^x	550	--	<0.02	<0.02	<0.02	<0.06	1.10	70.9
030N130E-00	Confirmation	10/05/07	030N 130E	0	<2	99 ^x	470	--	<0.02	<0.02	<0.02	<0.06	0.79	38.6
030N145E-00	Confirmation	10/05/07	030N 145E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	14.4
030N160E-00	Confirmation	10/05/07	030N 160E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	16.6
045N070E-00	Confirmation	10/05/07	045N 070E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.59	40.1
045N085E-00	Confirmation	10/05/07	045N 085E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	4.26
045N100E-00	Confirmation	10/05/07	045N 100E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.51	16.9
045N115E-00	Confirmation	10/05/07	045N 115E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	10.3
045N130E-3.5	Confirmation	10/05/07	045N 130E	3.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	4.49
045N145E-2.5	Confirmation	10/05/07	045N 145E	2.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	4.04
045N160E-00	Confirmation	10/05/07	045N 160E	0	<2	83 ^x	380	--	<0.02	<0.02	<0.02	<0.06	0.80	71.6
060N070E-00	Confirmation	10/05/07	060N 070E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.51	23.8
060N085E-00	Confirmation	10/05/07	060N 085E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	4.35
060N100E-00	Confirmation	10/05/07	060N 100E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	2.18
MTCA Method A Cleanup Levels for Soil⁴					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
060N115E-00	Performance	10/05/07	060N 115E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	4.58	26.1
060N115E-0.5	Confirmation	4/28/11	060N 115E	0.5	--	--	--	--	--	--	--	--	<1	15.7
060N130E-2.5	Confirmation	10/05/07	060N 130E	2.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	10.8
060N145E-2.5	Confirmation	10/05/07	060N 145E	2.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	4.78
060N160E-00	Confirmation	10/05/07	060N 160E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	36.1
C-Area1(2)@1.0'	Confirmation	9/14/07	070N 100E	1	<2	<50	<250	--	<0.02	0.06	<0.02	<0.06	<1	25.5
C-Area1(3)@2.0'	Confirmation	9/14/07	070N 125E	2	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	6.06
075N070E-00	Confirmation	10/05/07	075N 070E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	6.65
075N085E-00	Confirmation	10/05/07	075N 085E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	5.29
075N100E-00	Confirmation	10/05/07	075N 100E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.59	20.3
075N115E-00	Confirmation	10/05/07	075N 115E	0	<2	300 ^x	1,100	--	<0.02	<0.02	<0.02	<0.06	1.66	90.9
075N130E-2.5	Confirmation	10/05/07	075N 130E	2.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	7.06
075N145E-2.5	Confirmation	10/05/07	075N 145E	2.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	5.61
075N160E-00	Performance	10/05/07	075N 160E	0	<2	330 ^x	1100	--	<0.02	<0.02	<0.02	<0.06	3.14	144
075N160E-0.5	Confirmation	11/07/07	075N 160E	0.5	--	<50	<250	--	--	--	--	--	0.79	6.21
090N070E-00	Confirmation	10/05/07	090N 070E	0	<2	64 ^x	320	--	<0.02	<0.02	<0.02	<0.06	<0.5	12.0
090N085E-00	Confirmation	10/05/07	090N 085E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<0.5	18.4
090N100E-00	Performance	10/05/07	090N 100E	0	<2	<50	520	--	<0.02	<0.02	<0.02	<0.06	2.80	283
090N100E-0.5	Confirmation	11/07/07	090N 100E	0.5	--	<50	<250	--	--	--	--	--	<0.5	2.18
090N115E-00	Confirmation	10/05/07	090N 115E	0	<2	90 ^x	360	--	<0.02	<0.02	<0.02	<0.06	1.46	74.6
090N130E-00	Confirmation	10/05/07	090N 130E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.57	27.8
090N145E-00	Performance	10/05/07	090N 145E	0	4	520 ^x	1700	--	<0.02	<0.02	<0.02	<0.06	3.68	190
090N145E-0.5	Confirmation	11/07/07	090N 145E	0.5	--	<50	<250	--	--	--	--	--	<0.5	4.30
090N160E-00	Performance	10/05/07	090N 160E	0	<2	1,400 ^x	4,900	--	<0.02	<0.02	<0.02	<0.06	3.60	116
090N160E-0.5	Confirmation	11/07/07	090N 160E	0.5	--	<50	<250	--	--	--	--	--	<0.5	<1
105N070E-00	Confirmation	10/05/07	105N 070E	0	<2	140 ^x	980	--	<0.02	<0.02	<0.02	<0.06	1.32	70.7
105N085E-00	Performance	10/05/07	105N 085E	0	<2	180 ^x	830	--	<0.02	<0.02	<0.02	<0.06	3.49	332
MTCA Method A Cleanup Levels for Soil⁴					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
105N085E-00	Performance	10/05/07	105N 085E	0	<2	180 ^x	830	--	<0.02	<0.02	<0.02	<0.06	3.49	332
105N085E-0.5	Performance	11/07/07	105N 085E	0.5	--	<50	<250	--	--	--	--	--	2.12	76.9
105N085E-01.5	Confirmation	4/28/11	105N 085E	1.5	--	--	--	--	--	--	--	--	<1	1.3
105N115E-00	Confirmation	10/05/07	105N 115E	0	<2	67 ^x	290	--	<0.02	<0.02	<0.02	<0.06	0.76	94.8
C-Area2(2)@6"	Confirmation	9/14/07	105N 120E	0.5	<2	210 ^x	1,500	--	0.02	0.03	<0.02	<0.06	1.89	163
105N130E-00	Confirmation	10/05/07	105N 130E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.85	38.7
105N145E-00	Confirmation	10/05/07	105N 145E	0	4	440 ^x	1700	--	<0.02	<0.02	<0.02	<0.06	1.88	157
105N160E-00	Performance	10/05/07	105N 160E	0	<2	75 ^x	320	--	<0.02	<0.02	<0.02	<0.06	0.60	23.0
105N160E-0.5	Confirmation	11/07/07	105N 160E	0.5	--	<50	<250	--	--	--	--	--	<0.5	4.52
120N070E-00	Performance	10/05/07	120N 070E	0	<2	7,000^x	12,000	--	<0.02	<0.02	<0.02	<0.06	2.61	185
120N070E-0.5	Confirmation	11/07/07	120N 070E	0.5	--	<50	<250	--	--	--	--	--	0.70	19.5
120N085E-00	Performance	10/05/07	120N 085E	0	<2	200 ^x	950	--	<0.02	<0.02	<0.02	<0.06	10.8	277
120N085E-0.5	Performance	11/07/07	120N 085E	0.5	--	87 ^x	360	--	--	--	--	--	3.60	178
120N085E-1.5	Confirmation	4/28/11	120N 085E	1.5	--	--	--	--	--	--	--	--	<1	3.38
120N115E-00	Performance	10/05/07	120N 115E	0	<2	1,100 ^x	2,200	--	<0.02	<0.02	<0.02	<0.06	1.92	148
120N115E-0.5	Confirmation	11/07/07	120N 115E	0.5	--	490 ^x	980	--	--	--	--	--	1.10	94.3
120N130E-00	Performance	10/05/07	120N 130E	0	<2	320 ^x	1,000	--	<0.02	<0.02	<0.02	<0.06	2.62	276
120N130E-0.5	Performance	11/07/07	120N 130E	0.5	--	10,000	1,500 ^y	--	--	--	--	--	0.56	42.8
120N130E-1.5	Confirmation	4/28/11	120N 130E	1.5	--	<50	<250	--	--	--	--	--	--	--
135N070E-00	Performance	10/05/07	135N 070E	0	<2	210 ^x	870	--	<0.02	<0.02	<0.02	<0.06	2.74	180
135N070E-0.5	Confirmation	11/07/07	135N 070E	0.5	--	84 ^x	390	--	--	--	--	--	0.94	71.0
135N085E-00	Performance	10/05/07	135N 085E	0	<2	690 ^x	2,700	--	<0.02	<0.02	<0.02	<0.06	5.84	565
135N085E-0.5	Performance	11/07/07	135N 085E	0.5	--	380 ^x	1,900	--	--	--	--	--	3.46	339
135N085E-04	Confirmation	4/28/11	135N 085E	4	--	--	--	--	--	--	--	--	<1	1.78
135N100E-00	Performance	10/05/07	135N 100E	0	<2	270 ^x	1,400	--	<0.02	<0.02	<0.02	<0.06	6.69	436
135N100E-0.5	Performance	11/07/07	135N 100E	0.5	--	680 ^x	3,600	--	--	--	--	--	5.13	484
135N100E-1.5	Performance	4/28/11	135N 100E	1.5	--	85 ^x	320	--	--	--	--	--	3.56	261
135N100E-02	Confirmation	5/09/11	135N 100E	2	--	--	--	--	--	--	--	--	<1	5.62
MTCA Method A Cleanup Levels for Soil^a					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
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Former RAM Auto Property
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Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
135N115E-00	Performance	10/05/07	135N 115E	0	<2	640 ^x	2,100	--	<0.02	<0.02	<0.02	<0.06	3.77	252
135N115E-0.5	Confirmation	11/07/07	135N 115E	0.5	--	<50	<250	--	--	--	--	--	1.66	57.4
135N130E-00	Confirmation	10/05/07	135N 130E	0	<2	350 ^x	1,200	--	<0.02	<0.02	<0.02	<0.06	1.71	124
C-Area5(D5)@3.0'	Confirmation	9/14/07	140N 025E	3	<2	160 ^x	850	--	<0.02	<0.02	<0.02	<0.06	3.68	433
150N050E-00	Confirmation	10/04/07	150N 050E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.81	64.8
150N070E-00	Performance	10/05/07	150N 070E	0	<2	890 ^x	3,600	--	<0.02	<0.02	<0.02	<0.06	4.28	499
150N070E-0.5	Confirmation	11/07/07	150N 070E	0.5	--	<50	<250	--	--	--	--	--	0.51	4.37
150N085E-00	Confirmation	10/05/07	150N 085E	0	<2	130 ^x	570	--	<0.02	<0.02	<0.02	<0.06	1.71	163
150N100E-00	Performance	10/05/07	150N 100E	0	<2	170 ^x	760	--	<0.02	<0.02	<0.02	<0.06	5.49	482
150N100E-0.5	Performance	11/07/07	150N 100E	0.5	--	<50	<250	--	--	--	--	--	2.25	139
150N100E-1.5	Performance	4/28/11	150N 100E	1.5	--	--	--	--	--	--	--	--	3.89	173
150N100E-02	Confirmation	5/02/11	150N 100E	0.5	--	--	--	--	--	--	--	--	<1	14.9
150N115E-00	Confirmation	10/05/07	150N 115E	0	<2	240 ^x	1,000	--	<0.02	<0.02	<0.02	<0.06	1.80	109
150N120E-0.5	Performance	11/07/07	150N 120E	0.5	--	<50	<250	--	--	--	--	--	0.77	7.78
C-Area2(1)@1.5'	Performance	9/14/07	150N 120E	1.5	<2	1,300 ^x	4,700	--	<0.02	0.05	<0.02	<0.06	4.59	284
150N120E-02	Confirmation	4/28/11	150N 120E	2	--	<50	<250	--	--	--	--	--	<1	43.4
150N130E-00	Confirmation	10/05/07	150N 130E	0	<2	180 ^x	810	--	<0.02	<0.02	<0.02	<0.06	1.12	89.4
C-Area5(9)@3.5	Confirmation	9/17/07	159N018E	3.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	6.17
C-Area5(D4)@4.0'	Confirmation	9/14/07	160N 025E	4	<2	67 ^x	320	--	<0.02	<0.02	<0.02	<0.06	3.17	273
160N050E-00	Confirmation	10/04/07	160N 050E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	1.22	58.6
C-Area5(8)@10'-12'	Performance	9/14/07	168N 200E	10-12	<2	130 ^x	2,600	--	<0.02	<0.02	<0.02	<0.06	<1	11.0
168N200E-13	Confirmation	4/28/11	168N 200E	13	--	<50	<250	--	--	--	--	--	<1	3.13
MTCA Method A Cleanup Levels for Soil⁴						100/30^a	2,000	2,000	2,000	0.03	7	6	9	2



Table 2
Soil Analytical Results
Former RAM Auto Property
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Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
200N050E-00	Confirmation	10/04/07	200N 050E	0	<2	88 ^x	470	--	<0.02	<0.02	<0.02	<0.06	2.05	215
200N150E-00	Confirmation	10/05/07	200N 150E	0	<2	59 ^x	<250	--	<0.02	<0.02	<0.02	<0.06	1.50	82.2
250N050E-00	Performance	10/04/07	250N 050E	0	<2	97 ^x	540	--	<0.02	<0.02	<0.02	<0.06	4.84	442
250N050E-0.5	Confirmation	11/07/07	250N 050E	0.5	--	<50	<250	--	--	--	--	--	<0.5	1.43
C-Area3(1)@4.5'	Performance	9/14/07	250N 078E	4.5	<2	220 ^x	1,000	--	<0.02	0.02	<0.02	<0.06	5.13	666
250N078E-05.5	Confirmation	4/28/11	250N 078E	5.5	--	--	--	--	--	--	--	--	<1	1.62
250N100E-00	Performance	10/04/07	250N 100E	0	<2	190 ^x	1,300	--	<0.02	<0.02	<0.02	<0.06	4.18	162
250N100E-0.5	Confirmation	11/07/07	250N 100E	0.5	--	<50	<250	--	--	--	--	--	<0.5	27.1
250N150E-00	Performance	10/05/07	250N 150E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	2.05	132
250N150E-01	Confirmation	4/28/11	250N 150E	1	--	--	--	--	--	--	--	--	<1	5.75
300N050E-00	Performance	10/04/07	300N 050E	0	<2	140 ^x	690	--	<0.02	<0.02	<0.02	<0.06	4.18	675
300N050E-0.5	Confirmation	11/07/07	300N 050E	0.5	--	<50	<250	--	--	--	--	--	<0.5	5.90
C-Area5(D3)@5.0'	Confirmation	9/14/07	300N 085E	5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	1.54	90.2
300N100E-00	Performance	10/04/07	300N 100E	0	<2	78 ^x	380	--	<0.02	<0.02	<0.02	<0.06	3.92	263
300N100E-0.5	Confirmation	11/07/07	300N 100E	0.5	--	<50	<250	--	--	--	--	--	0.89	32.3
C-Area5(3)@1.5'	Performance	9/14/07	300N 145E	1.5	<2	120 ^x	690	--	<0.02	<0.02	<0.02	<0.06	2.38	161
300N145E-02.5	Confirmation	4/28/11	300N 145E	2.5	--	--	--	--	--	--	--	--	<1	4.41
300N150E-00	Confirmation	10/05/07	300N 150E	0	<2	110 ^x	340	--	<0.02	<0.02	<0.02	<0.06	1.61	141
C-Area4(1)@4.0'	Performance	9/14/07	320N 160E	4	<2	85 ^x	380	--	<0.02	<0.02	<0.02	<0.06	2.52	187
320N160E-05	Confirmation	4/28/11	320N 160E	5	--	--	--	--	--	--	--	--	<1	5.08
C-Area5(D2)@4.0'	Confirmation	9/14/07	330N 040E	4	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	1.23	47.2
350N050E-00	Performance	10/04/07	350N 050E	0	<2	68 ^x	380	--	<0.02	<0.02	<0.02	<0.06	3.81	296
350N050E-0.5	Confirmation	11/07/07	350N 050E	0.5	--	<50	<250	--	--	--	--	--	0.62	21.3
350N100E-00	Confirmation	10/04/07	350N 100E	0	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	0.60	36.6
C-Area5(D1)@6.0'	Confirmation	9/14/07	350N 120E	6	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	49.5
350N150E-00	Performance	10/05/07	350N 150E	0	<2	73 ^x	<250	--	<0.02	<0.02	<0.02	<0.06	2.62	128
350N150E-0.5	Performance	11/07/07	350N 150E	0.5	--	<50	<250	--	--	--	--	--	2.38	157
350N150E-01	Confirmation	4/28/11	350N 150E	1	--	--	--	--	--	--	--	--	<1	27.3
C-Area5(1)@2.5'	Confirmation	9/14/07	350N 200E	2.5	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	<1	7.02
MTCA Method A Cleanup Levels for Soil⁴					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
IP01-50'	IP Well	10/19/07	IP01	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP02-49'	IP Well	10/22/07	IP02	--	<2	<50	<250	--	--	--	--	--	--	--
IP02-56'	IP Well	10/22/07	IP02	--	<2	<50	<250	--	--	--	--	--	--	--
IP3-45	IP Well	9/01/10	IP3	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP3-49	IP Well	9/01/10	IP3	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP3-55	IP Well	9/01/10	IP3	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP4-45	IP Well	9/01/10	IP4	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP4-49	IP Well	9/01/10	IP4	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP5-30	IP Well	8/15/11	IP5	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP5-49	IP Well	8/15/11	IP5	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
IP5-55	IP Well	8/15/11	IP5	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	--	--
Area1 SP-20070905	Stockpile	9/05/07	--	--	3	130 ^x	360	--	<0.02	<0.02	<0.02	<0.06	<1	37.5
Area2SP-East	Stockpile	9/6/07	--	--	22	<50	<250	--	<0.02	.30	.07	1.8	<1	23.4
Area2SP2-East	Stockpile	9/7/07	--	--	<2	790 ^x	2,600	--	<0.02	<0.02	<0.02	<0.06	2.38	138
Area1-SP2	Stockpile	9/7/07	--	--	<2	110 ^x	470	--	<0.02	<0.02	<0.02	<0.06	1.10	83.1
Area2SP1-South	Stockpile	9/11/7	--	--	2	87 ^x	530	--	<0.02	<0.02	<0.02	<0.06	3.34	229
Area2SP2-South	Stockpile	9/11/7	--	--	<2	540 ^x	1,700	--	<0.02	<0.02	<0.02	<0.06	<1	69.6
Area4SP	Stockpile	9/11/7	--	--	<3	<50	<250	--	<0.03	<0.03	<0.03	<0.09	1.07	27.6
Area5SP1-North	Stockpile	9/11/7	--	--	<2	<50	<250	--	<0.02	<0.02	<0.02	<0.06	7.20	329
Area5SP2-North	Stockpile	9/11/7	--	--	<2	76 ^x	410	--	<0.02	<0.02	<0.02	<0.06	5.20	366
Area1-SP3	Stockpile	9/11/7	--	--	160	820 ^x	3,100	--	<0.03	0.19	0.59	9.7^{ve}	1.70	116
Area 5 SP-West	Stockpile	9/12/07	--	--	21	190 ^x	550	--	<0.02	<0.02	<0.02	0.40	1.38	124
MTCA Method A Cleanup Levels for Soil⁴					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250



Table 2
Soil Analytical Results
Former RAM Auto Property
8048 and 8106 Martin Way East
Lacey, Washington

Sample ID	Sample Type	Date Sampled	Location	Depth (feet)	GRPH ¹	DRPH ²	ORPH ²	TRPH ²	Benzene ³	Toluene ³	Ethylbenzene ³	Total Xylenes ³	Cadmium	Lead
SoundEarth Strategies, Inc. 2007 and 2011														
Area 5 SP-NE	Stockpile	9/12/07	--	--	5	5,000	760 ^y	--	<0.02	<0.02	<0.02	<0.06	8.16	135
Area 5 SP1-East	Stockpile	9/12/07	--	--	52	<50	290	--	<0.02	<0.02	0.03	0.57	1.45	121
Area 5 SP2-East	Stockpile	9/12/07	--	--	41	3,200	<250	--	<0.02	<0.02	0.05	<0.06	<1	19.8
Area5-SP03	Stockpile	11/07/07	--	--	--	200 ^x	710	--	--	--	--	--	3.98	294
Area5-SP04	Stockpile	11/07/07	--	--	--	190 ^x	780	--	--	--	--	--	7.60	676
Area5-SP05	Stockpile	11/07/07	--	--	--	180 ^x	690	--	--	--	--	--	4.49	452
Area5-SP06	Stockpile	11/07/07	--	--	--	190 ^x	710	--	--	--	--	--	4.43	399
Area4_SP1	Stockpile	9/04/07	--	--	620	1,100 ^x	1,800	--	<.2 ^d	.83	.84	84 ^{ve}	3.24	143
SP-Debris-1	Stockpile	4/28/11	--	--	--	120 ^x	370	--	--	--	--	--	1.75	148
SP-Debris-2	Stockpile	4/28/11	--	--	--	83 ^x	<250	--	--	--	--	--	1.83	161
SP-Debris-3	Stockpile	4/28/11	--	--	--	<50	<250	--	--	--	--	--	1.92	163
MTCA Method A Cleanup Levels for Soil⁴					100/30^a	2,000	2,000	2,000	0.03	7	6	9	2	250

NOTES:

Results in **RED** indicates concentrations that exceed MTCA Method A Cleanup Levels for unrestricted land use.

Results reported in milligrams per kilogram unless otherwise indicated.

Chemical analyses conducted by Friedman & Bruya, Inc., of Seattle, Washington.

¹Analyzed by Method NWTPH-Gx.

²Analyzed by Method NWTPH-Dx.

³Analyzed by EPA Method 8021B or 8260B.

⁴MTCA Method A Cleanup Levels for Soil from Table 740-1 of Washington Administrative Code 173-340-900 Tables.

^a100 mg/kg when benzene is not present and 30 mg/kg when benzene is present.

Laboratory Notes:

^dThe sample was diluted. Detection limits may be raised due to dilution.

^{ve}The value reported fell outside the calibration range established for this analyte and is an estimate.

^xThe pattern of peaks present is not indicative of diesel.

^yThe pattern of peaks present is not indicative of motor oil.

-- = not analyzed

< = not detected at concentrations exceeding the laboratory reporting limit

DRPH = diesel-range petroleum hydrocarbons

EPA = U.S. Environmental Protection Agency

GRPH = gasoline-range petroleum hydrocarbons

mg/kg = milligrams per kilogram

MTCA = Washington State Model Toxics Control Act

NWTPH = Northwest Total Petroleum Hydrocarbon

ORPH = oil-range petroleum hydrocarbons

TRPH = total recoverable petroleum hydrocarbons

PROJECT PHOTOGRAPHS



Photograph 1. Former RAM Auto staging yard



Photograph 2. Former RAM Auto canopy



Photograph 3. Former aboveground storage tank



Photograph 4. Vacated RAM Auto staging yard



Photograph 5. Surface staining beneath former canopy



Photograph 6. Building demolition activities



Photograph 7. Canopy demolition activities



Photograph 8. Underground storage tank pull



Photograph 9. Underground storage tank excavation



Photograph 10. Debris discovery



Photograph 11. Excavation activities



Photograph 12. Monitoring well installation

**APPENDIX A
BORING LOGS**



Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/19/2007
Surface Conditions: Soil
Well Location N/S: 25' south of well EW
Well Location E/W: 25' west of well EW
Reviewed by: EKR
Date Completed: 10/19/2007

BORING LOG | IP01

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Soil not sampled from 0 to 49 feet below ground surface (bgs).	
5									
10									
15									

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: -- feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/19/2007
Surface Conditions: Soil
Well Location N/S: 25' south of well EW
Well Location E/W: 25' west of well EW
Reviewed by: EKR
Date Completed: 10/19/2007

BORING LOG | IP01

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15								Soil not sampled from 0 to 49 feet below ground surface (bgs).	
20									
25									
30									

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: -- feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --



Notes/Comments:
Notes

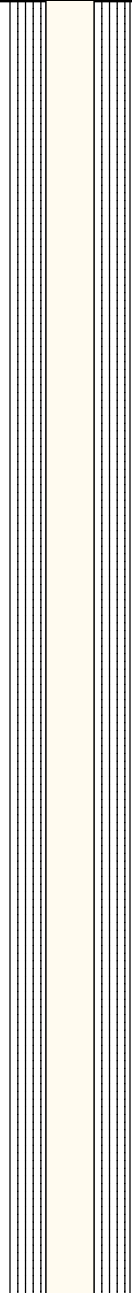


Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/19/2007
Surface Conditions: Soil
Well Location N/S: 25' south of well EW
Well Location E/W: 25' west of well EW
Reviewed by: EKR
Date Completed: 10/19/2007

BORING LOG | IP01

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30								Soil not sampled from 0 to 49 feet below ground surface (bgs).	
35									
40									
45									

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: -- feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --



Notes/Comments:
Notes


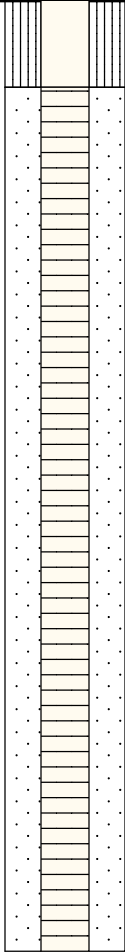


Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/19/2007
Surface Conditions: Soil
Well Location N/S: 25' south of well EW
Well Location E/W: 25' west of well EW
Reviewed by: EKR
Date Completed: 10/19/2007

BORING LOG | IP01

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45									
50					IP01-49	GP		Water bearing, medium dense, GRAVEL, fine to medium subrounded to rounded, some fine to coarse sand, trace silt, light brown, no hydrocarbon odors. Soil not sampled from 50 to 56 feet bgs.	
55									
60								Boring completed to 56 feet bgs. Monitoring well installed with stainless steel casing to 56 feet bgs and screened from 46 to 56 feet bgs.	

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: -- feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --



Notes/Comments:
Notes

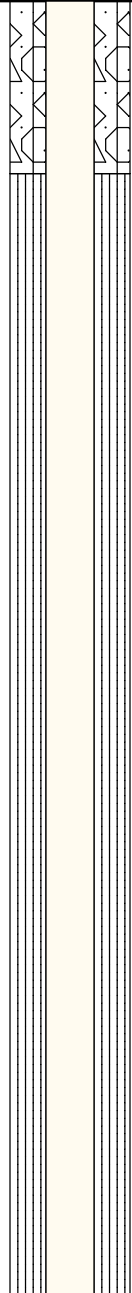


Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/22/2007
Surface Conditions: Soil
Well Location N/S: 50' north of well EW
Well Location E/W: 50' east of well EW
Reviewed by: EKR
Date Completed: 10/22/2007

BORING LOG | IP02

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Soil not sampled from 0 to 49 feet below ground surface (bgs).	
5									
10									
15									

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: 56 feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --



Notes/Comments:
Notes

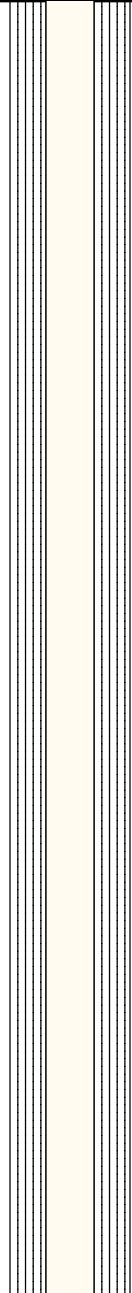


Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/22/2007
Surface Conditions: Soil
Well Location N/S: 50' north of well EW
Well Location E/W: 50' east of well EW
Reviewed by: EKR
Date Completed: 10/22/2007

BORING LOG | IP02

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15								Soil not sampled from 0 to 49 feet below ground surface (bgs).	
20									
25									
30									

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: 56 feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/22/2007
Surface Conditions: Soil
Well Location N/S: 50' north of well EW
Well Location E/W: 50' east of well EW
Reviewed by: EKR
Date Completed: 10/22/2007

BORING LOG | IP02

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30								Soil not sampled from 0 to 49 feet below ground surface (bgs).	
35									
40									
45									

Drilling Co./Driller: Cascade
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 56 feet bgs
Total Well Depth: 56 feet bgs
State Well ID No.: --

Well/Auger Diameter: -- inches
Well Screened Interval: -- feet bgs
Screen Slot Size: -- inches
Filter Pack Used: --
Surface Seal: --
Annular Seal: --
Monument Type: --

Notes/Comments:
 Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: PJK
Date Started: 10/22/2007
Surface Conditions: Soil
Well Location N/S: 50' north of well EW
Well Location E/W: 50' east of well EW
Reviewed by: EKR
Date Completed: 10/22/2007

BORING LOG | IP02

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45									
50	50/6"			33	IP02-49	GP		Water bearing, medium dense, GRAVEL, fine to medium subrounded to rounded, few fine to coarse sand, trace silt, grayish brown, no hydrocarbon odors. Soil not sampled from 50.5 to 54.5 feet bgs.	
55	50/6"			IP02-56	GP		Water bearing, dense, GRAVEL, fine to medium subrounded to rounded, trace fine to coarse sand, trace silt, grayish brown, no hydrocarbon odors.		
60							Boring completed to 56 feet bgs. Monitoring well installed with stainless steel casing to 56 feet bgs and screened from 46 to 56 feet bgs.		

Drilling Co./Driller: Cascade Drilling Equipment: -- Sampler Type: HSA Hammer Type/Weight: -- lbs Total Boring Depth: 56 feet bgs Total Well Depth: 56 feet bgs State Well ID No.: --	Well/Auger Diameter: -- inches Well Screened Interval: -- feet bgs Screen Slot Size: -- inches Filter Pack Used: -- Surface Seal: -- Annular Seal: -- Monument Type: --	Notes/Comments: Notes
--	--	---------------------------------



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP03

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: -- feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
5									
10									
15									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP03

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: -- feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
20									
25									
30									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP03

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: -- feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
35									
40									
45									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP03

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: -- feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	50/6"	33	0.0	IP03-45	GP		Moist, very dense, fine to coarse, GRAVEL, subrounded, brown, no hydrocarbon odor.		
50	50/6"	33	1.0	IP03-49	GP		Wet, very dense, fine to coarse, GRAVEL, subrounded, brown, no hydrocarbon odor.		
55	50/6"	33	0.0	IP03-55	GP		Wet, very dense, fine to coarse, subrounded, GRAVEL, brown, no hydrocarbon odor.		
60								Boring completed to 55.5 feet bgs. Monitoring well installed with stainless steel casing to 55 feet bgs and screened from 46 to 56 feet bgs.	

Drilling Co./Driller: Cascade/Curtis Drilling Equipment: -- Sampler Type: HSA Hammer Type/Weight: -- lbs Total Boring Depth: 55.5 feet bgs Total Well Depth: 55 feet bgs State Well ID No.: --	Well/Auger Diameter: 2" inches Well Screened Interval: 45 to 55 feet bgs Screen Slot Size: -- inches Filter Pack Used: # 2/12 Sand Surface Seal: Concrete Annular Seal: Bentonite Monument Type: Flush mount	Notes/Comments: Notes
---	---	---------------------------------



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP04

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
5									
10									
15									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP04

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
20									
25									
30									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount



Notes/Comments:
 Notes

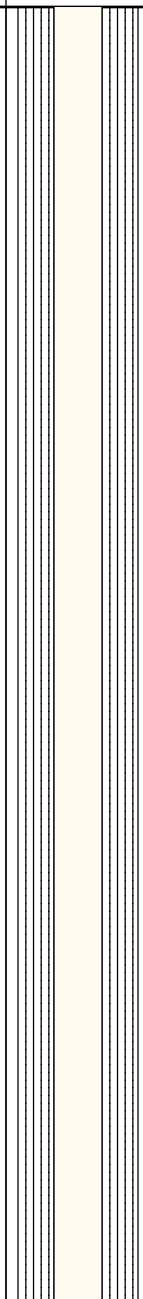


Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP04

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
35									
40									
45									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
Notes



Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 09/01/2010
Surface Conditions: Concrete
Well Location N/S: --
Well Location E/W: --
Reviewed by: BAD
Date Completed: 09/01/2010

BORING LOG | IP04

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington



Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45	50/6"	33	0.0	IP04-45	GP		Moist, very dense, fine to coarse, GRAVEL, subrounded, brown, no hydrocarbon odor.		
50	50/6"	33	0.0	IP04-49	GP		Wet, very dense, fine to coarse, GRAVEL, subrounded, brown, no hydrocarbon odor.		
55	50/6"	33	0.0		GP		Wet, very dense, fine to coarse, subrounded, GRAVEL, brown, no hydrocarbon odor.		
60							Boring completed to 55.5 feet bgs. Monitoring well installed with stainless steel casing to 55 feet bgs and screened from 46 to 56 feet bgs.		



Drilling Co./Driller: Cascade/Curtis Drilling Equipment: -- Sampler Type: HSA Hammer Type/Weight: -- lbs Total Boring Depth: 55.5 feet bgs Total Well Depth: 55 feet bgs State Well ID No.: --	Well/Auger Diameter: 2" inches Well Screened Interval: 45 to 55 feet bgs Screen Slot Size: -- inches Filter Pack Used: # 2/12 Sand Surface Seal: Concrete Annular Seal: Bentonite Monument Type: Flush mount	Notes/Comments: Notes
---	---	---------------------------------

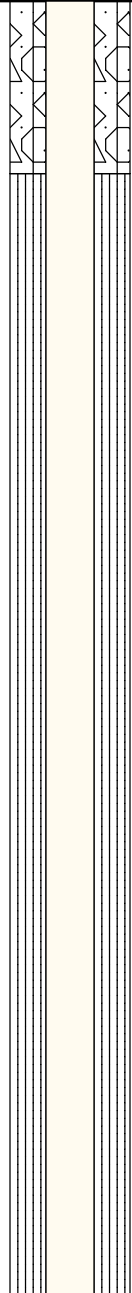


Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 08/15/2011
Surface Conditions: Concrete
Well Location N/S: 62.0' north of south property boundary
Well Location E/W: 89.6' west of east property boundary
Reviewed by: BAD
Date Completed: 08/15/2011

BORING LOG | IP05

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
0								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
5									
10									
15									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount



Notes/Comments:
Notes

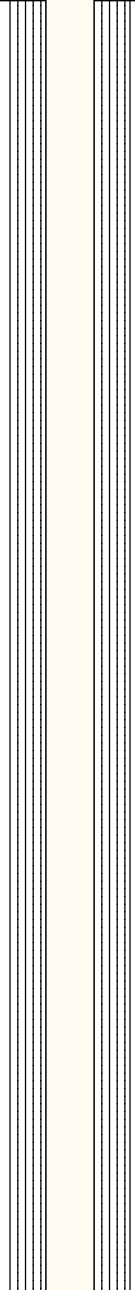


Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 08/15/2011
Surface Conditions: Concrete
Well Location N/S: 62.0' north of south property boundary
Well Location E/W: 89.6' west of east property boundary
Reviewed by: BAD
Date Completed: 08/15/2011

BORING LOG | IP05

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
15								Drilling conditions indicate gravel/cobbles cuttings are fine to coarse gravel.	
20									
25									
30									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount



Notes/Comments:
Notes

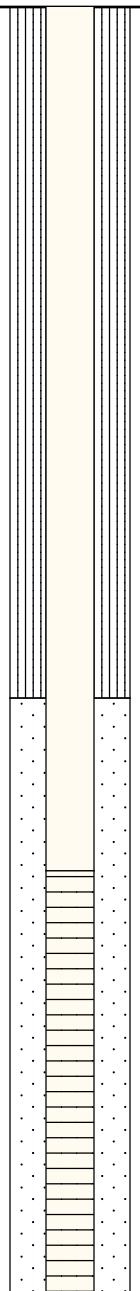


Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 08/15/2011
Surface Conditions: Concrete
Well Location N/S: 62.0' north of south property boundary
Well Location E/W: 89.6' west of east property boundary
Reviewed by: BAD
Date Completed: 08/15/2011

BORING LOG | IP05

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
30	X				IP05-30			Moist, very dense, GRAVEL with sand, brownish gray, no hydrocarbon odor, 55-35-60.	
35									
40									
45									

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount



Notes/Comments:
Notes

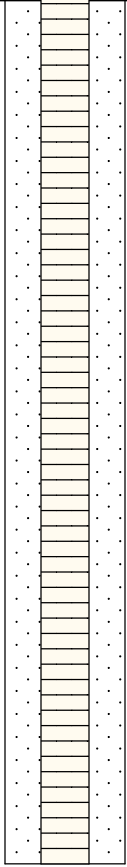


Project: RAM Auto
Project Number: 0570-001-01
Logged by: RAH
Date Started: 08/15/2011
Surface Conditions: Concrete
Well Location N/S: 62.0' north of south property boundary
Well Location E/W: 89.6' west of east property boundary
Reviewed by: BAD
Date Completed: 08/15/2011

BORING LOG | IP05

Site Address: 8048 & 8106 Martin Way East
Lacey, Washington

 Water Depth At Time of Drilling: 49 feet bgs
 Water Depth After Completion: -- feet bgs

Depth (feet bgs)	Interval	Blow Count	% Recovery	PID (ppmv)	Sample ID	USCS Class	Graphic	Lithologic Description	Well Construction Detail
45									
50					IP05-49		Wet, very dense, GRAVEL with sand, light brown, no hydrocarbon odors, 5-35-60.		
55							Wet, very dense, black brown, no hydrocarbon odors, 5-25-70.		
60								Boring completed to 55.5 feet bgs. Monitoring well installed with stainless steel casing to 55 feet bgs and screened from 46 to 56 feet bgs.	

Drilling Co./Driller: Cascade/Curtis
Drilling Equipment: --
Sampler Type: HSA
Hammer Type/Weight: -- lbs
Total Boring Depth: 55.5 feet bgs
Total Well Depth: 55 feet bgs
State Well ID No.: --

Well/Auger Diameter: 2" inches
Well Screened Interval: 45 to 55 feet bgs
Screen Slot Size: -- inches
Filter Pack Used: # 2/12 Sand
Surface Seal: Concrete
Annular Seal: Bentonite
Monument Type: Flush mount

Notes/Comments:
Notes

APPENDIX B
LABORATORY ANALYTICAL REPORTS

Soil Analytical Reports

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

September 16, 2010

Brian Dixon, Project Manager
Sound Environmental Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included are the results from the testing of material submitted on September 2, 2010 from the SOU_0570-001-05_20100902, F&BI 009034 project. There are 6 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
SOU0916R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on September 2, 2010 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-05_20100902, F&BI 009034 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
009034-01	IP3-45
009034-02	IP3-49
009034-03	IP3-55
009034-04	IP4-45
009034-05	IP4-49

All quality control requirements were acceptable.

Date of Report: 09/16/10
 Date Received: 09/02/10
 Project: SOU_0570-001-05_20100902, F&BI 009034
 Date Extracted: 09/08/10
 Date Analyzed: 09/10/10

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

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

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-132)
IP3-45 009034-01	<0.02	<0.02	<0.02	<0.06	<2	95
IP3-49 009034-02	<0.02	<0.02	<0.02	<0.06	<2	95
IP3-55 009034-03	<0.02	<0.02	<0.02	<0.06	<2	98
IP4-45 009034-04	<0.02	<0.02	<0.02	<0.06	<2	94
IP4-49 009034-05	<0.02	<0.02	<0.02	<0.06	<2	94
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	111

Date of Report: 09/16/10
 Date Received: 09/02/10
 Project: SOU_0570-001-05_20100902, F&BI 009034
 Date Extracted: 09/03/10
 Date Analyzed: 09/03/10

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

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

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
IP3-45 009034-01	<50	<250	80
IP3-49 009034-02	<50	<250	81
IP3-55 009034-03	<50	<250	82
IP4-45 009034-04	<50	<250	81
IP4-49 009034-05	<50	<250	88
Method Blank 00-1410 MB2	<50	<250	83

Date of Report: 09/16/10

Date Received: 09/02/10

Project: SOU_0570-001-05_20100902, F&BI 009034

**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: 009023-80 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) 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)	<5	<5	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	93	66-121
Toluene	mg/kg (ppm)	0.5	89	72-128
Ethylbenzene	mg/kg (ppm)	0.5	92	69-132
Xylenes	mg/kg (ppm)	1.5	96	69-131
Gasoline	mg/kg (ppm)	20	120	61-153

Date of Report: 09/16/10

Date Received: 09/02/10

Project: SOU_0570-001-05_20100902, F&BI 009034

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

Laboratory Code: 009025-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	101	63-146	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	110	79-144

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

009034

SAMPLE CHAIN OF CUSTODY

ME 09-02-10

VSI/AOI

Send Report To Brian Dixon
 Company SES
 Address _____
 City, State, ZIP Seattle WA 98102
 Phone # 206 306 1900 Fax # 206 306-1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. RAM Auto
0570-001-05
 REMARKS _____
 PO # _____
 GEMS Y / N

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes			
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals					
IP3-45	IP3	45	01 AE	9-1-10	1015	Soil	5	X	X	X								
IP3-49	IP3	49	02 AE	}	1020	}	5	X	X	X								
IP3-55	IP3	55	03 AE		1040		5	X	X	X								
IP4-45	IP4	45	04 AE		1345		5	X	X	X								
IP4-49	IP4	49	05 AE		1415		5	X	X	X								

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Brian Dixon	SES	9-2-10	1305
Received by: <u>[Signature]</u>	Roderick Ostendorf	Champion	9-2-10	1305
Relinquished by: _____				
Received by: <u>[Signature]</u>	Nhan Phan	FBI	9/2/10	1500

Samples received at 3 °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

June 1, 2011

Brian Dixon, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included is the amended report from the testing of material submitted on April 28, 2011 from the SOU_0570-001-05_20110428, F&BI 104361 project. Per your request, the sample ID 150N120E-01.5 was corrected to 150N120E-02.

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
SOU0504R.DOC

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

May 4, 2011

Brian Dixon, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included are the results from the testing of material submitted on April 28, 2011 from the SOU_0570-001-05_20110428, F&BI 104361 project. There are 27 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
SOU0504R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on April 28, 2011 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0570-001-05_20110428, F&BI 104361 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
104361-01	250N078E-05.5
104361-02	320N160E-05
104361-03	350N150E-01
104361-04	300N145E-02.5
104361-05	250N150E-01
104361-06	135N100E-01.5
104361-07	105N085E-01.5
104361-08	120N130E-01.5
104361-09	150N100E-01.5
104361-10	135N085E-04
104361-11	120N085E-01.5
104361-12	150N120E-02
104361-13	SP-Debris-1
104361-14	SP-Debris-2
104361-15	SP-Debris-3
104361-16	168N200E-13
104361-17	060N115E-0.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/04/11
Date Received: 04/28/11
Project: SOU_0570-001-05_20110428, F&BI 104361
Date Extracted: 04/29/11
Date Analyzed: 04/29/11

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

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

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
135N100E-01.5 104361-06	85 x	320	93
120N130E-01.5 104361-08	<50	<250	100
150N120E-02 104361-12	<50	<250	99
SP-Debris-1 104361-13	120 x	370	101
SP-Debris-2 104361-14	83 x	<250	97
SP-Debris-3 104361-15	<50	<250	104
168N200E-13 104361-16	<50	<250	99
Method Blank 01-765 MB	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N078E-05.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-01
Date Analyzed:	04/29/11	Data File:	104361-01.051
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	1.62

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	320N160E-05	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-02
Date Analyzed:	04/29/11	Data File:	104361-02.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.08

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N150E-01	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-03
Date Analyzed:	04/29/11	Data File:	104361-03.055
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	80	60	125
Holmium	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	27.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N145E-02.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-04
Date Analyzed:	04/29/11	Data File:	104361-04.056
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	80	60	125
Holmium	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.41

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N150E-01	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-05
Date Analyzed:	04/29/11	Data File:	104361-05.057
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	80	60	125
Holmium	91	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.75

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N100E-01.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-06
Date Analyzed:	04/29/11	Data File:	104361-06.058
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	79	60	125
Holmium	89	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.56
Lead	261

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N085E-01.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-07
Date Analyzed:	04/29/11	Data File:	104361-07.060
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Holmium	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	1.30

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N100E-01.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-09
Date Analyzed:	04/29/11	Data File:	104361-09.061
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Holmium	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.89
Lead	173

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N085E-04	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-10
Date Analyzed:	04/29/11	Data File:	104361-10.062
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Holmium	91	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	1.78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N085E-01.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-11
Date Analyzed:	04/29/11	Data File:	104361-11.063
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	3.38

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N120E-02	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-12
Date Analyzed:	04/29/11	Data File:	104361-12.064
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Holmium	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	43.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP-Debris-1	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-13
Date Analyzed:	04/29/11	Data File:	104361-13.065
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	92	60	125
Indium	84	60	125
Holmium	96	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	6.62
Arsenic	4.74
Selenium	<1
Silver	<1
Cadmium	1.75
Barium	46.3
Lead	148

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP-Debris-2	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-14
Date Analyzed:	04/29/11	Data File:	104361-14.066
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	96	60	125
Indium	85	60	125
Holmium	95	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	8.23
Arsenic	4.69
Selenium	<1
Silver	<1
Cadmium	1.83
Barium	58.2
Lead	161

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	SP-Debris-3	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-15
Date Analyzed:	04/29/11	Data File:	104361-15.067
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	93	60	125
Indium	83	60	125
Holmium	96	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	7.45
Arsenic	5.71
Selenium	<1
Silver	<1
Cadmium	1.92
Barium	56.4
Lead	163

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	168N200E-13	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-16
Date Analyzed:	04/29/11	Data File:	104361-16.068
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	3.13

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N115E-0.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	104361-17
Date Analyzed:	04/29/11	Data File:	104361-17.069
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	15.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	04/29/11	Lab ID:	I1-298 mb
Date Analyzed:	04/29/11	Data File:	I1-298 mb.049
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	87	60	125
Indium	84	60	125
Holmium	90	60	125

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

Date of Report: 05/04/11
Date Received: 04/28/11
Project: SOU_0570-001-05_20110428, F&BI 104361
Date Extracted: 04/29/11
Date Analyzed: 04/29/11

**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)

<u>Sample ID</u> Laboratory ID	<u>Total Mercury</u>
SP-Debris-1 104361-13	<0.2
SP-Debris-2 104361-14	<0.2
SP-Debris-3 104361-15	<0.2
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	135N100E-01.5	Client:	SoundEarth Strategies
Date Received:	04/28/11	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	05/04/11	Lab ID:	104361-06
Date Analyzed:	05/04/11 11:28:00	Data File:	104361-06.010
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	105	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_0570-001-05_20110428, F&BI 104361
Date Extracted:	05/04/11	Lab ID:	I1-317 mb
Date Analyzed:	05/04/11 11:19:57	Data File:	I1-317 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	102	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/04/11

Date Received: 04/28/11

Project: SOU_0570-001-05_20110428, F&BI 104361

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

Laboratory Code: 104360-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	112	73-135	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/04/11

Date Received: 04/28/11

Project: SOU_0570-001-05_20110428, F&BI 104361

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

Laboratory Code: 104361-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	5.27	98	99	51-132	1
Arsenic	mg/kg (ppm)	10	1.15	100	99	44-151	1
Selenium	mg/kg (ppm)	5	<1	99	96	52-128	3
Silver	mg/kg (ppm)	10	<1	100	101	69-125	1
Cadmium	mg/kg (ppm)	10	<1	104	104	83-120	0
Barium	mg/kg (ppm)	50	31.4	101 b	105 b	47-147	4 b
Lead	mg/kg (ppm)	50	1.62	100	105	65-126	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	101	79-125
Arsenic	mg/kg (ppm)	10	100	80-120
Selenium	mg/kg (ppm)	5	101	81-121
Silver	mg/kg (ppm)	10	101	84-117
Cadmium	mg/kg (ppm)	10	102	89-116
Barium	mg/kg (ppm)	50	101	88-113
Lead	mg/kg (ppm)	50	99	81-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/04/11

Date Received: 04/28/11

Project: SOU_0570-001-05_20110428, F&BI 104361

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

Laboratory Code: 104361-01 (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	<0.2	100	103	45-162	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	99	63-144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/04/11

Date Received: 04/28/11

Project: SOU_0570-001-05_20110428, F&BI 104361

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TCLP METALS USING
EPA METHOD 200.8 AND 40 CFR PART 261**

Laboratory Code: 104361-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/L (ppm)	1.0	<1	92	94	50-150	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/L (ppm)	1.0	93	70-130

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.


104361

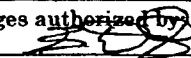
SAMPLE CHAIN OF CUSTODY

ME 04/28/11

BI3

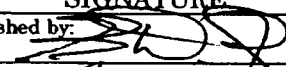

Send Report to Brian Dixon
 Company SoundEarth Strategies, Inc.
 Address 2811 Fairview Avenue E, Suite 2000
 City, State, ZIP Seattle, WA 98102
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) 
 PROJECT NAME/NO. 0570-001-05 PO #
Ran auto
 REMARKS

Page # 1 of 2
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr
 Rush charges authorized by 
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED							Notes		
								DRPH & ORPH by NWTPH-Dx	GRPH by NWTPH-Gx	VOCs by EPA 8260C	RCRA 8 Metals by EPA 200.8 & 1631E	Cadmium & Lead	TAPPA				
250N078E-05.5		5.5	01	4-28-11	1102	S	1										✓-per ED
320N160E-05		5	02	4-28-11	1110	S	1										5/3/11
350N150E-01		1	03	4-28-11	1133	S	1										mk
300N145E-02.5		2.5	04	4-28-11	1145	S	1										
250N150E-01		1	05	4-28-11	1200	S	1										
135N100E-01.5		1.5	06	4-28-11	1216	S	1	X									
105N085E-01.5		1.5	07	4-28-11	1220	S	1										
120N130E-01.5		1.5	08	4-28-11	1232	S	1	X									
150N100E-01.5		1.5	09	4-28-11	1245	S	1										
135N085E-04		4	10	4-28-11	1250	S	1										

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: 	Brian Dixon	SES	4-28-11	1635
Received by: 	Jon Shuman	FBI	4/28/11	16:35
Relinquished by:				
Received by:				

104361

SAMPLE CHAIN OF CUSTODY

ME 04/28/11

BT3

Send Report to

Brian Dixon

Company

SoundEarth Strategies, Inc.

Address

2811 Fairview Avenue E, Suite 2000

City, State, ZIP

Seattle, WA 98102

Phone #

206-306-1900

Fax #

206-306-1907

SAMPLERS (signature)

PROJECT NAME/NO.

0570-001-05

Ran auto

PO #

REMARKS

Page # 2 of 2

TURNAROUND TIME

Standard (2 Weeks)

RUSH 24 hr

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of Jars	ANALYSES REQUESTED						Notes		
								DRPH & ORPH by NWTPH-Dx	GRPH by NWTPH-Gx	VOCs by EPA 8260C	RCRA 8 Metals by EPA 200.8 & 1631E	Cadmium	Lead			
120N045E-0.5		1.5	-11	4-28-11	1255	S	1									
150N120E-0.5	oz POC 6/1/11	1.5	-12	4-28-11	1205	S	1	X					X			
SP-Debris-1		-	-13	4-28-11	1312	S	1	X			X					
SP-Debris-2		-	-14	4-28-11	1314	S	1	X			X					
SP-Debris-3		-	-15	4-28-11	1316	S	1	X			X					
168N200E-13			-16	4-28-11	1300	S	1	X					X			
060N115E-0.5		-	-17	4-28-11	1334	S	1						X			

Friedman & Bruya, Inc.
3012 16th Avenue West

Seattle, WA 98119-2029

Ph. (206) 285-8282

Fax (206) 283-5044

FORMS\COC\COC.DOC

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Brian Dixon	SES	4-28-11	1635
Received by:	San Shimazu	FBI	4/28/11	16:35
Relinquished by:				
Received by:				

Samples received at 5 °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

May 11, 2011

Brian Dixon, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included are the results from the testing of material submitted on May 9, 2011 from the SOU_0570_20110509, F&BI 105097 project. There are 6 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
SOU0511R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on May 9, 2011 by Friedman & Bruya, Inc. from the SoundEarth Strategies 0570 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
105097-01	135N100E-02
105097-02	150N100E-02

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N100E-02	Client:	SoundEarth Strategies
Date Received:	05/09/11	Project:	SOU_0570_20110509, F&BI 105097
Date Extracted:	05/09/11	Lab ID:	105097-01
Date Analyzed:	05/10/11	Data File:	105097-01.018
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Holmium	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.62

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N100E-02	Client:	SoundEarth Strategies
Date Received:	05/09/11	Project:	SOU_0570_20110509, F&BI 105097
Date Extracted:	05/09/11	Lab ID:	105097-02
Date Analyzed:	05/10/11	Data File:	105097-02.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Holmium	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	14.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	Not Applicable	Project:	SOU_0570_20110509, F&BI 105097
Date Extracted:	05/09/11	Lab ID:	I1-327 mb
Date Analyzed:	05/10/11	Data File:	I1-327 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Holmium	94	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 05/11/11

Date Received: 05/09/11

Project: SOU_0570_20110509, F&BI 105097

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

Laboratory Code: 105087-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Cadmium	mg/kg (ppm)	10	<1	105	105	83-120	0
Lead	mg/kg (ppm)	50	6.29	108	107	65-126	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	104	89-116
Lead	mg/kg (ppm)	50	106	81-120

Data Qualifiers & Definitions

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.


105097

SAMPLE CHAIN OF CUSTODY

ME 05709/11

AI

Send Report To Brian Dixon
 Company SES
 Address 2811 Fairview ave E
 City, State, ZIP Seattle WA 98102
 Phone # 206 306 1900 Fax # 206 306 1907

SAMPLERS (signature) 

PROJECT NAME/NO. ham auto 0570 PO #

REMARKS

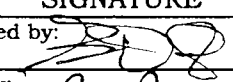
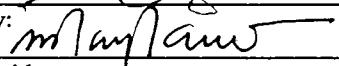
Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 24 hr
 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										Notes		
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Cadmium & Lead						
135N100E-02	01	5-9-11	1104	Soil	1									X				Rush
150N100E-02	02	5-9-11	1110	Soil	1									X				Rush

Friedman & Bruya, Inc.
 3012 16th Avenue West
 Seattle, WA 98119-2000
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: 	Brian Dixon	SES	5-9-11	1340
Received by: 	Nhan Phan	FeBI	5/9/11	1340
Relinquished by:				
Received by:				

Samples received at 4 °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

August 18, 2011

Brian Dixon, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included are the results from the testing of material submitted on August 15, 2011 from the SOU_0570_20110815, F&BI 108196 project. There are 11 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
SOU0818R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 15, 2011 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_ 0570_20110815, F&BI 108196 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
108196-01	IP5-30
108196-02	IP5-49
108196-03	IP5-55
108196-04	IP5-Composite

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11
 Date Received: 08/15/11
 Project: SOU_0570_20110815, F&BI 108196
 Date Extracted: 08/16/11
 Date Analyzed: 08/16/11

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-132)
IP5-30 108196-01	<0.02	<0.02	<0.02	<0.06	<2	104
IP5-49 108196-02	<0.02	<0.02	<0.02	<0.06	<2	103
IP5-55 108196-03	<0.02	<0.02	<0.02	<0.06	<2	104
Method Blank 01-1466 MB	<0.02	<0.02	<0.02	<0.06	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11
Date Received: 08/15/11
Project: SOU_0570_20110815, F&BI 108196
Date Extracted: 08/16/11
Date Analyzed: 08/16/11

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
IP5-30 108196-01	<50	<250	123
IP5-49 108196-02	<50	<250	122
IP5-55 108196-03	<50	<250	113
Method Blank 01-1465 MB	<50	<250	122

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	IP5-Composite	Client:	SoundEarth Strategies
Date Received:	08/15/11	Project:	SOU_ 0570_20110815, F&BI 108196
Date Extracted:	08/15/11	Lab ID:	108196-04
Date Analyzed:	08/16/11	Data File:	108196-04.015
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	93	60	125
Indium	85	60	125
Holmium	94	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	22.6
Arsenic	3.12
Selenium	<1
Silver	<1
Cadmium	<1
Barium	35.6
Lead	2.89

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	SoundEarth Strategies
Date Received:	NA	Project:	SOU_ 0570_20110815, F&BI 108196
Date Extracted:	08/15/11	Lab ID:	I1-569 mb
Date Analyzed:	08/16/11	Data File:	I1-569 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	88	60	125
Indium	91	60	125
Holmium	100	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11
Date Received: 08/15/11
Project: SOU_0570_20110815, F&BI 108196
Date Extracted: 08/15/11
Date Analyzed: 08/16/11

**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)

<u>Sample ID</u> Laboratory ID	<u>Total Mercury</u>
IP5-Composite 108196-04	<0.1
Method Blank	<0.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11

Date Received: 08/15/11

Project: SOU_0570_20110815, F&BI 108196

**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: 108196-01 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	96	66-121
Toluene	mg/kg (ppm)	0.5	99	72-128
Ethylbenzene	mg/kg (ppm)	0.5	106	69-132
Xylenes	mg/kg (ppm)	1.5	106	69-131
Gasoline	mg/kg (ppm)	20	105	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11

Date Received: 08/15/11

Project: SOU_0570_20110815, F&BI 108196

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

Laboratory Code: 108194-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	103	104	73-135	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	101	74-139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11

Date Received: 08/15/11

Project: SOU_0570_20110815, F&BI 108196

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

Laboratory Code: 108193-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Chromium	mg/kg (ppm)	50	14.6	98 b	104 b	51-132	6 b
Arsenic	mg/kg (ppm)	10	4.54	99 b	97 b	44-151	2 b
Selenium	mg/kg (ppm)	5	<1	93	92	52-128	1
Silver	mg/kg (ppm)	10	<1	106	108	69-125	2
Cadmium	mg/kg (ppm)	10	<1	106	107	83-120	1
Barium	mg/kg (ppm)	50	54.7	112 b	111 b	47-147	1 b
Lead	mg/kg (ppm)	50	44.7	99 b	109 b	65-126	10 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	105	79-125
Arsenic	mg/kg (ppm)	10	98	80-120
Selenium	mg/kg (ppm)	5	99	81-121
Silver	mg/kg (ppm)	10	106	84-117
Cadmium	mg/kg (ppm)	10	106	89-116
Barium	mg/kg (ppm)	50	104	88-113
Lead	mg/kg (ppm)	50	109	81-120

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/18/11

Date Received: 08/15/11

Project: SOU_ 0570_20110815, F&BI 108196

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

Laboratory Code: 108193-01 (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	<0.1	77	79	45-162	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	74	63-144

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

fb - Analyte present in the blank and the sample.

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

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

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

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

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

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

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

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

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

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

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

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

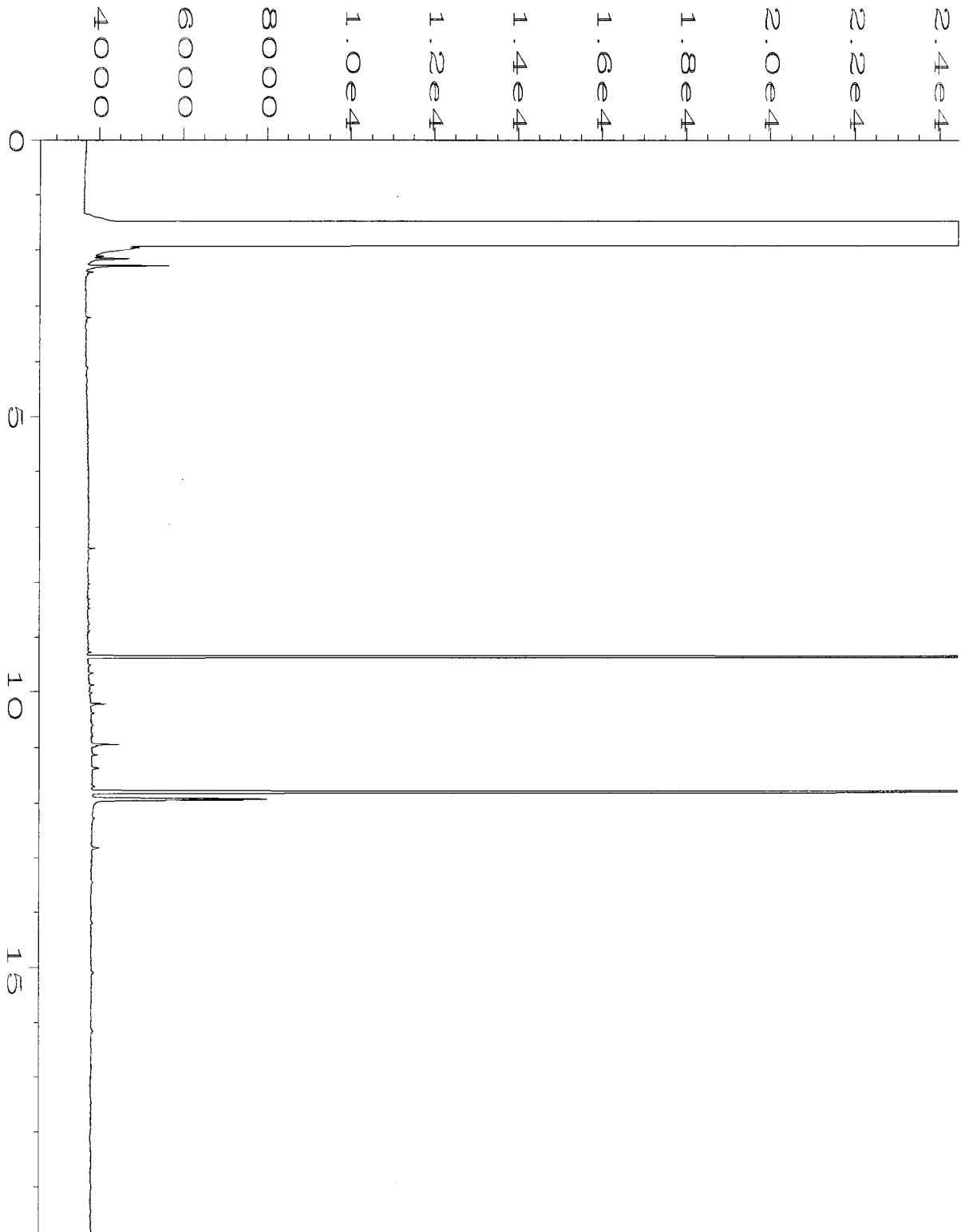
pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.

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

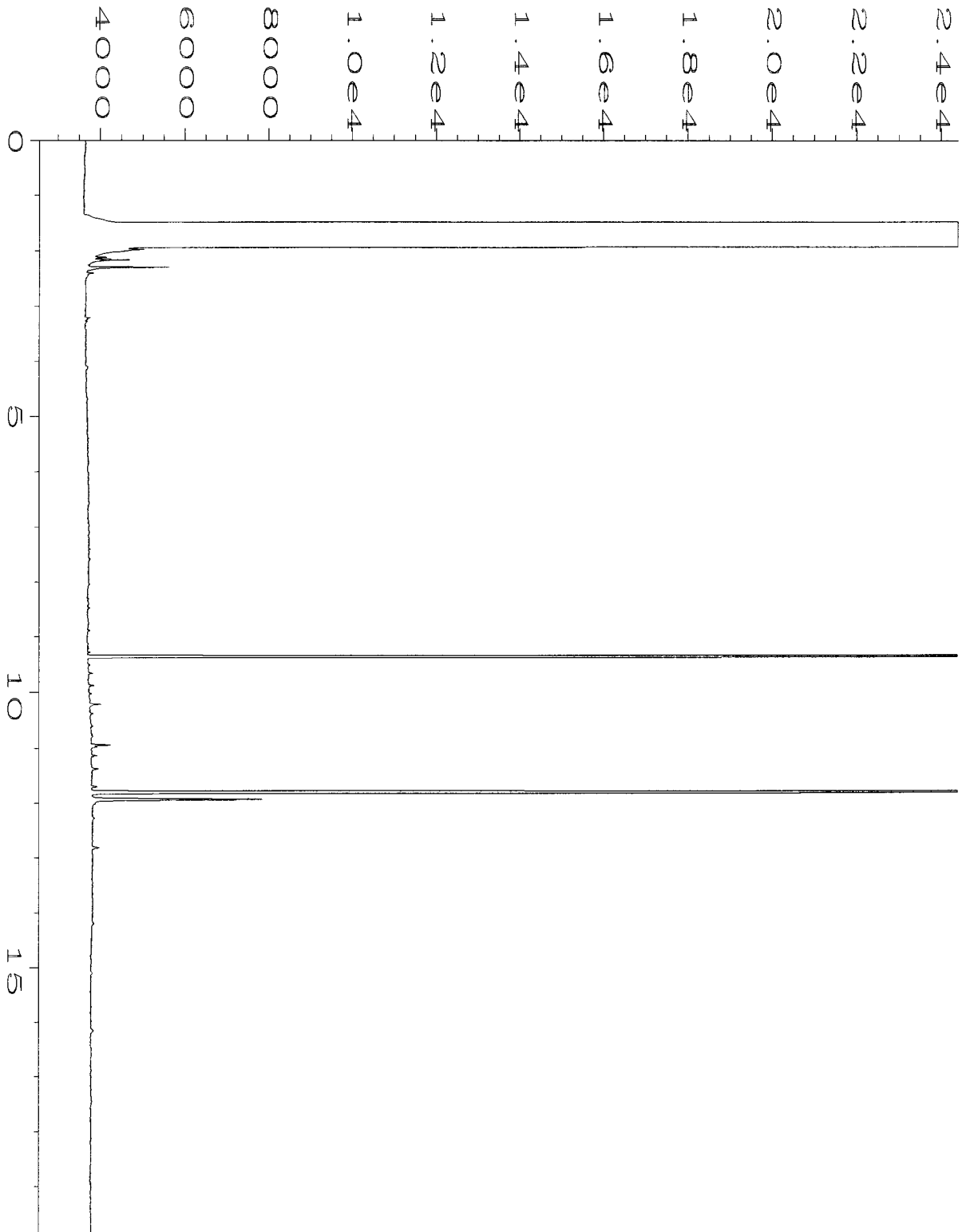
ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.

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

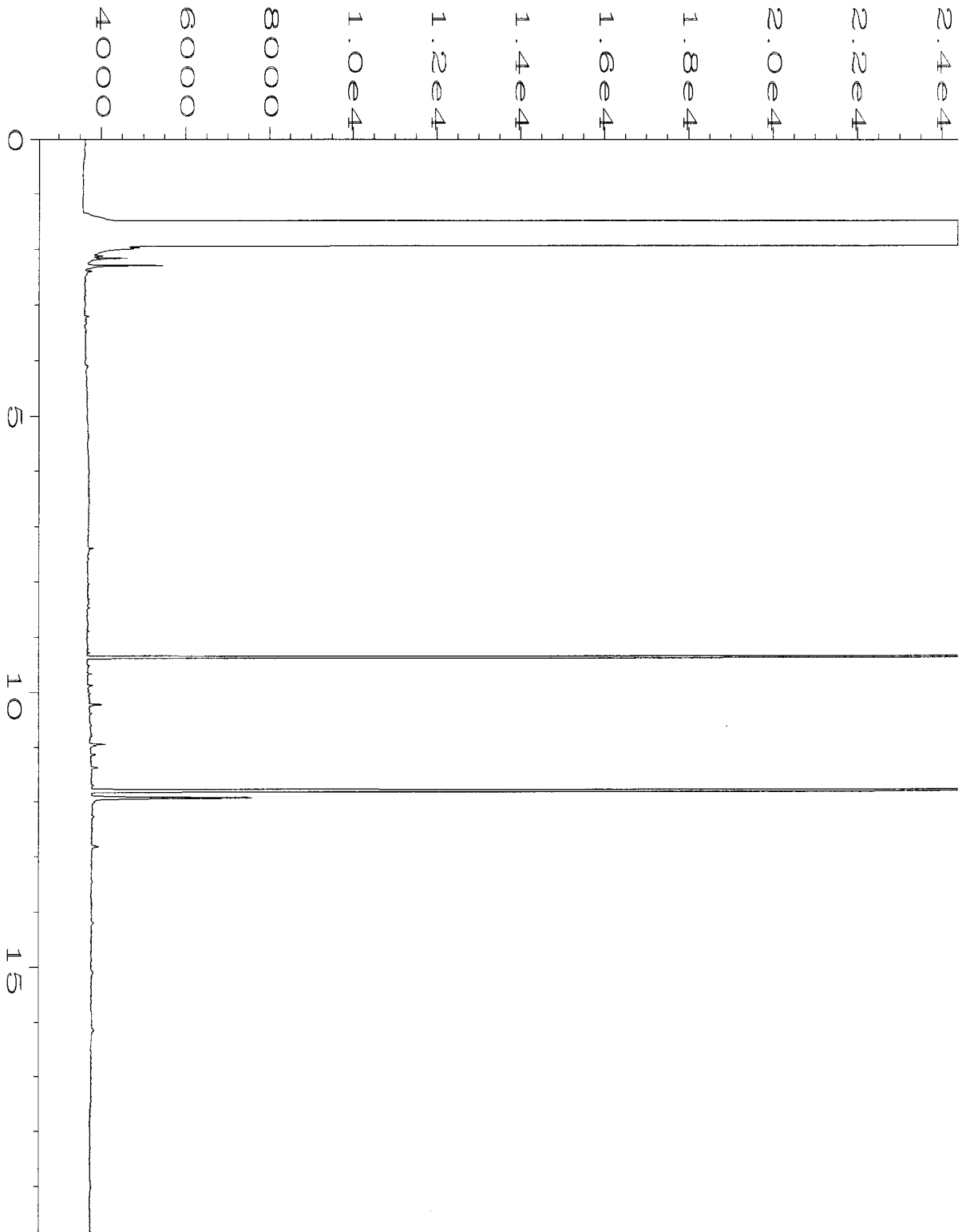
x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



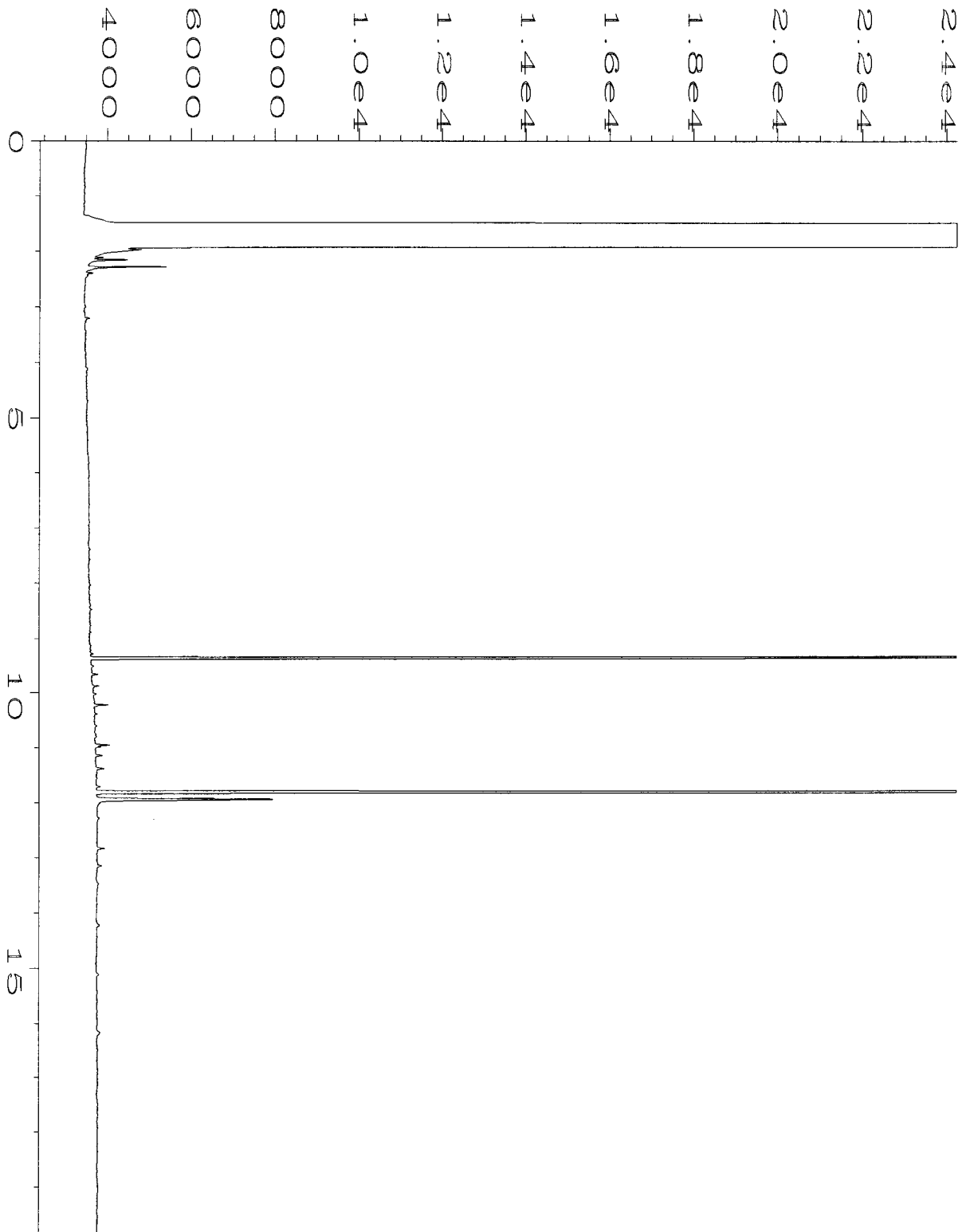
Data File Name	: C:\HPCHEM\4\DATA\08-16-11\019F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 19
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 108196-01	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 16 Aug 11 05:29 PM	Analysis Method	: END.MTH
Report Created on:	17 Aug 11 09:41 AM		



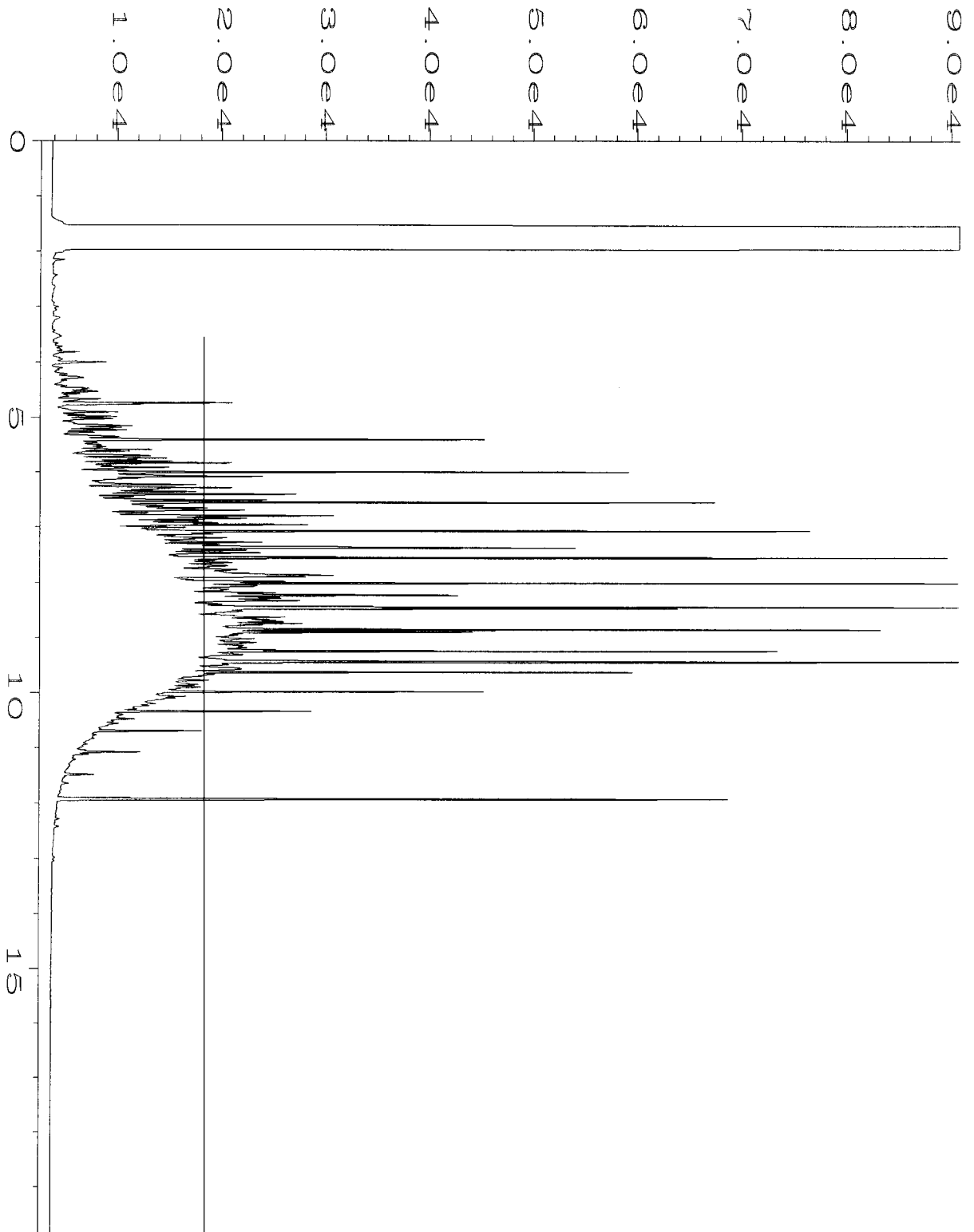
Data File Name	: C:\HPCHEM\4\DATA\08-16-11\020F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 20
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 108196-02	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 16 Aug 11 05:56 PM	Analysis Method	: END.MTH
Report Created on:	17 Aug 11 09:41 AM		



Data File Name	: C:\HPCHEM\4\DATA\08-16-11\021F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 21
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 108196-03	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 16 Aug 11 06:23 PM	Analysis Method	: END.MTH
Report Created on:	17 Aug 11 09:42 AM		



Data File Name	: C:\HPCHEM\4\DATA\08-16-11\015F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 15
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 01-1465 mb	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 16 Aug 11 03:42 PM	Analysis Method	: END.MTH
Report Created on:	17 Aug 11 09:41 AM		



Data File Name	: C:\HPCHEM\4\DATA\08-16-11\003F0201.D	Page Number	: 1
Operator	: ML	Vial Number	: 3
Instrument	: GC#4	Injection Number	: 1
Sample Name	: 500 WADF 35-58C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 16 Aug 11 09:26 AM	Analysis Method	: END.MTH
Report Created on:	17 Aug 11 09:41 AM		

SAMPLE CHAIN OF CUSTODY

ME 08-15-11

AI / VSI

Send Report To Brian Dixon
 Company SES
 Address 2811 Fairview Ave E Suite 2000
 City, State, ZIP Seattle WA 98102
 Phone # 206 306-1400 Fax # 206-306-1909

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. Palmer Park Auto 0570 PO #

REMARKS

GEMS Y / N

Page # of

TURNAROUND TIME

Standard (2 Weeks)
 RUSH
 Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes		
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals			
IPS-30	IPS	30	01A-E	8-15-11	0945	Soil	5	X	X	X						
IPS-49	11	49	02A-E	}	1015	}	5	X	X	X						
IPS-55	11	55	03A-E		1035		5	X	X	X						
IPS - composite	11	-	04		1115		1						X			

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Linda Stewart</u>	<u>Sound Earth</u>	<u>8/15/11</u>	<u>13:17</u>
Received by: <u>[Signature]</u>	<u>D & V</u>	<u>FYBI</u>	<u>11</u>	<u>11</u>
Relinquished by:				
Received by:				

Samples received at 10 °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

February 16, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on February 2, 2007 from the Ram Auto, F&BI 702046 project. There are 22 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
SOU0216R

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 2, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies Ram Auto, F&BI 702046 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
702046-01	TP01F01-06.0
702046-02	TP01E01-02.0
702046-03	TP02S01-02.0
702046-04	TP02F01-04.0
702046-05	TP03W01-01.0
702046-06	TP03F01-04.0
702046-07	TP04F01-02.0
702046-08	TP04E01-01.0

The laboratory control spike for several PAH compounds exceeded the laboratory acceptance criteria. The analytes were not detected in the samples, therefore the data is acceptable. All other quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07
Date Received: 02/02/07
Project: Ram Auto, F&BI 702046
Date Extracted: 02/12/07
Date Analyzed: 02/12/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR BENZENE, TOLUENE, ETHYLBENZENE,
XYLENES AND TPH AS GASOLINE
USING EPA METHOD 8021B AND NWTPH-Gx**
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-132)
TP01E01-02.0 702046-02	<0.02	<0.02	<0.02	<0.06	<2	110
TP02S01-02.0 702046-03	<0.02	<0.02	<0.02	<0.06	<2	110
TP03W01-01.0 702046-05	<0.02	<0.02	<0.02	<0.06	<2	112
TP03F01-04.0 702046-06	<0.02	<0.02	<0.02	<0.06	<2	113
TP04F01-02.0 702046-07	<0.02	<0.02	<0.02	<0.06	<2	109
TP04E01-01.0 702046-08	<0.02	<0.02	<0.02	<0.06	<2	111
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	113

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07
Date Received: 02/02/07
Project: Ram Auto, F&BI 702046
Date Extracted: 02/05/07
Date Analyzed: 02/06/07

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

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

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
TP01E01-02.0 702046-02	<50	<250	98
TP02S01-02.0 702046-03	<50	<250	87
TP03W01-01.0 702046-05	<50	<250	95
TP03F01-04.0 702046-06	<50	<250	98
TP04F01-02.0 702046-07	<50	<250	90
TP04E01-01.0 702046-08	<50	<250	89
Method Blank	<50	<250	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP01E01-02.0	Client:	Sound Environmental Strategies
Date Received:	02/02/07	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/08/07	Lab ID:	702046-02
Date Analyzed:	02/08/07	Data File:	702046-02.033
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	108	60	125
Indium	106	60	125
Bismuth	107	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	7.67
Zinc	14.8
Arsenic	3.99
Selenium	<1
Silver	<1
Cadmium	<1
Barium	46.0
Lead	19.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP03W01-01.0	Client:	Sound Environmental Strategies
Date Received:	02/02/07	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/08/07	Lab ID:	702046-05
Date Analyzed:	02/08/07	Data File:	702046-05.035
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	103	60	125
Indium	105	60	125
Bismuth	106	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	2.35
Zinc	11.5
Arsenic	1.72
Selenium	<1
Silver	<1
Cadmium	<1
Barium	19.4
Lead	11.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP04F01-02.0	Client:	Sound Environmental Strategies
Date Received:	02/02/07	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/08/07	Lab ID:	702046-07
Date Analyzed:	02/08/07	Data File:	702046-07.037
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	102	60	125
Indium	107	60	125
Bismuth	108	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	1.91
Zinc	<5
Arsenic	<1
Selenium	<1
Silver	<1
Cadmium	<1
Barium	12.2
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/08/07	Lab ID:	I7-45 mb
Date Analyzed:	02/08/07	Data File:	I7-45 mb.025
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	106	60	125
Indium	108	60	125
Bismuth	110	60	125

Analyte:	Concentration mg/kg (ppm)
Chromium	<1
Zinc	<5
Arsenic	<1
Selenium	<1
Silver	<1
Cadmium	<1
Barium	<1
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07
Date Received: 02/02/07
Project: Ram Auto, F&BI 702046
Date Extracted: 02/08/07
Date Analyzed: 02/08/07

**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)

<u>Sample ID</u> Laboratory ID	<u>Total Mercury</u>
TP01E01-02.0 702046-02	<0.2
TP03W01-01.0 702046-05	<0.2
TP04F01-02.0 702046-07	<0.2
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID: TP01E01-02.0	Client: Sound Environmental Strategies
Date Received: 02/02/07	Project: Ram Auto, F&BI 702046
Date Extracted: 02/05/07	Lab ID: 702046-02
Date Analyzed: 02/05/07	Data File: 020512.D
Matrix: Soil	Instrument: GCMS4
Units: mg/kg (ppm)	Operator: MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	95	56	118
1,2-Dichloroethane-d4	103	59	116
Toluene-d8	102	51	121
4-Bromofluorobenzene	98	32	146

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.05
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.05	Chlorobenzene	<0.05
Chloroethane	<0.05	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.05	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	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	<0.05
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.05
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.05
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/05/07	Lab ID:	07-169 mb
Date Analyzed:	02/05/07	Data File:	020506.D
Matrix:	Soil	Instrument:	GCMS4
Units:	ug/g (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	97	56	118
1,2-Dichloroethane-d4	102	59	116
Toluene-d8	104	51	121
4-Bromofluorobenzene	99	32	146

Compounds:	Concentration ug/g (ppm)	Compounds:	Concentration ug/g (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.05
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.05	Chlorobenzene	<0.05
Chloroethane	<0.05	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.05	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	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	<0.05
trans-1,3-Dichloropropene	<0.05	Hexachlorobutadiene	<0.05
1,1,2-Trichloroethane	<0.05	Naphthalene	<0.05
2-Hexanone	<0.5	1,2,3-Trichlorobenzene	<0.05
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	TP01E01-02.0	Client:	Sound Environmental Strategies
Date Received:	02/02/07	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/06/07	Lab ID:	702046-02
Date Analyzed:	02/15/07	Data File:	021432.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	74	18	150
Benzo(a)anthracene-d12	91	40	143

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(a)pyrene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Semivolatile Compounds By EPA Method 8270C SIM

Client Sample ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	Ram Auto, F&BI 702046
Date Extracted:	02/06/07	Lab ID:	07184mb
Date Analyzed:	02/13/07	Data File:	021321.D
Matrix:	Soil	Instrument:	GCMS3
Units:	ug/kg (ppb)	Operator:	YA

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Anthracene-d10	74	18	150
Benzo(a)anthracene-d12	76	40	143

Compounds:	Concentration ug/kg (ppb)
Naphthalene	<5
Acenaphthylene	<5
Acenaphthene	<5
Fluorene	<5
Phenanthrene	<5
Anthracene	<5
Fluoranthene	<5
Pyrene	<5
Benz(a)anthracene	<5
Chrysene	<5
Benzo(a)pyrene	<5
Benzo(b)fluoranthene	<5
Benzo(k)fluoranthene	<5
Indeno(1,2,3-cd)pyrene	<5
Dibenz(a,h)anthracene	<5
Benzo(g,h,i)perylene	<5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: 702046-02 (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	92	66-121
Toluene	mg/kg (ppm)	0.5	90	72-128
Ethylbenzene	mg/kg (ppm)	0.5	96	69-132
Xylenes	mg/kg (ppm)	1.5	97	69-131
Gasoline	mg/kg (ppm)	20	77	61-153

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07
 Date Received: 02/02/07
 Project: Ram Auto, F&BI 702046

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

Laboratory Code: 702041-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	88	88	69-125	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	87	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: 702061-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/kg (ppm)	7.65	6.76	12	0-20
Zinc	mg/kg (ppm)	5.77	5.50	5	0-20
Arsenic	mg/kg (ppm)	5.15	4.52	13	0-20
Selenium	mg/kg (ppm)	<1	<1	nm	0-20
Silver	mg/kg (ppm)	<1	<1	nm	0-20
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Barium	mg/kg (ppm)	39.4	32.1	20	0-20
Lead	mg/kg (ppm)	3.81	3.54	7	0-20

Laboratory Code: 702061-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	7.65	86	50-150
Zinc	mg/kg (ppm)	50	5.77	86	50-150
Arsenic	mg/kg (ppm)	10	5.15	97 b	50-150
Selenium	mg/kg (ppm)	5	<1	75	50-150
Silver	mg/kg (ppm)	10	<1	102	50-150
Cadmium	mg/kg (ppm)	10	<1	92	50-150
Barium	mg/kg (ppm)	50	39.4	95 b	50-150
Lead	mg/kg (ppm)	20	3.81	99	50-150

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

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.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Chromium	mg/kg (ppm)	50	93	70-130
Zinc	mg/kg (ppm)	50	85	70-130
Arsenic	mg/kg (ppm)	10	94	70-130
Selenium	mg/kg (ppm)	5	98	70-130
Silver	mg/kg (ppm)	10	106	70-130
Cadmium	mg/kg (ppm)	10	95	70-130
Barium	mg/kg (ppm)	50	98	70-130
Lead	mg/kg (ppm)	20	99	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: 702061-06 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	mg/kg (ppm)	<0.2	<0.2	nm

Laboratory Code: 702061-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.313	<0.2	111	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.313	95	70-130

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: 701214-04 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
1,1-Dichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dichloroethane (EDC)	mg/kg (ppm)	<0.05	<0.05	nm
1,1-Dichloropropene	mg/kg (ppm)	<0.05	<0.05	nm
Benzene	mg/kg (ppm)	<0.05	<0.05	nm
Trichloroethene	mg/kg (ppm)	<0.05	<0.05	nm
1,2-Dichloropropane	mg/kg (ppm)	<0.05	<0.05	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
1,3-Dichloropropane	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)	0.08	0.08	0
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	<0.05	<0.05	nm
m,p-Xylene	mg/kg (ppm)	0.18	0.15	18
Styrene	mg/kg (ppm)	<0.05	<0.05	nm
Bromobenzene	mg/kg (ppm)	<0.05	<0.05	nm
1,3,5-Trimethylbenzene	mg/kg (ppm)	0.06	0.06	0
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
1,2,4-Trimethylbenzene	mg/kg (ppm)	1.3	1.1	17
sec-Butylbenzene	mg/kg (ppm)	<0.05	0.06	nm
p-Isopropyltoluene	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)	<0.05	<0.05	nm
Hexachlorobutadiene	mg/kg (ppm)	<0.05	<0.05	nm
Naphthalene	mg/kg (ppm)	0.09	0.09	0
1,2,3-Trichlorobenzene	mg/kg (ppm)	<0.05	<0.05	nm

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: 7020037-46 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	86	50-150
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	89	50-150
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	93	42-134
Benzene	mg/kg (ppm)	2.5	<0.05	88	50-150
Trichloroethene	mg/kg (ppm)	2.5	<0.05	93	50-150
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	101	50-150
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	107	36-143
Toluene	mg/kg (ppm)	2.5	<0.05	94	50-150
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	101	50-150
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	94	50-150
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	99	50-150
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	100	50-150
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	92	39-141
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	95	50-150
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	98	37-143
m,p-Xylene	mg/kg (ppm)	5	<0.1	96	50-150
Styrene	mg/kg (ppm)	2.5	<0.05	93	50-150
Bromobenzene	mg/kg (ppm)	2.5	<0.05	102	50-150
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	90	50-150
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	92	50-150
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	93	50-150
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	90	50-150
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	90	50-150
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.05	102	50-150
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.05	109	50-150
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.05	104	50-150
Naphthalene	mg/kg (ppm)	2.5	<0.05	109	50-150
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.05	108	50-150

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

**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	Acceptance Criteria
1,1-Dichloroethene	mg/kg (ppm)	2.5	93	42-136
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	93	76-123
1,1-Dichloropropene	mg/kg (ppm)	2.5	98	70-130
Benzene	mg/kg (ppm)	2.5	90	68-127
Trichloroethene	mg/kg (ppm)	2.5	95	80-123
1,2-Dichloropropane	mg/kg (ppm)	2.5	99	83-126
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	113	86-126
Toluene	mg/kg (ppm)	2.5	97	59-129
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	108	85-115
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	94	70-130
1,3-Dichloropropane	mg/kg (ppm)	2.5	100	77-121
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	103	75-129
Chlorobenzene	mg/kg (ppm)	2.5	93	77-120
Ethylbenzene	mg/kg (ppm)	2.5	98	58-118
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	100	86-112
m,p-Xylene	mg/kg (ppm)	5	97	62-112
Styrene	mg/kg (ppm)	2.5	94	70-130
Bromobenzene	mg/kg (ppm)	2.5	103	70-130
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	93	70-130
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	91	66-136
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	93	72-125
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	93	70-130
p-Isopropyltoluene	mg/kg (ppm)	2.5	94	70-130
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	102	70-130
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	110	70-130
Hexachlorobutadiene	mg/kg (ppm)	2.5	111	70-130
Naphthalene	mg/kg (ppm)	2.5	106	70-130
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	108	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

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

Laboratory Code: 702046-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Naphthalene	ug/kg (ppb)	<5	<5	nm
Acenaphthylene	ug/kg (ppb)	<5	<5	nm
Acenaphthene	ug/kg (ppb)	<5	<5	nm
Fluorene	ug/kg (ppb)	<5	<5	nm
Phenanthrene	ug/kg (ppb)	<5	<5	nm
Anthracene	ug/kg (ppb)	<5	<5	nm
Fluoranthene	ug/kg (ppb)	<5	<5	nm
Pyrene	ug/kg (ppb)	<5	<5	nm
Benz(a)anthracene	ug/kg (ppb)	<5	<5	nm
Chrysene	ug/kg (ppb)	<5	<5	nm
Benzo(b)fluoranthene	ug/kg (ppb)	<5	<5	nm
Benzo(k)fluoranthene	ug/kg (ppb)	<5	<5	nm
Benzo(a)pyrene	ug/kg (ppb)	<5	<5	nm
Indeno(1,2,3-cd)pyrene	ug/kg (ppb)	<5	<5	nm
Dibenz(a,h)anthracene	ug/kg (ppb)	<5	<5	nm
Benzo(g,h,i)perylene	ug/kg (ppb)	<5	<5	nm

Laboratory Code: (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Naphthalene	ug/kg (ppb)	170	<5	88	22-137
Acenaphthylene	ug/kg (ppb)	170	<5	87	44-116
Acenaphthene	ug/kg (ppb)	170	<5	86	49-109
Fluorene	ug/kg (ppb)	170	<5	92	48-112
Phenanthrene	ug/kg (ppb)	170	<5	86	40-110
Anthracene	ug/kg (ppb)	170	<5	73	41-104
Fluoranthene	ug/kg (ppb)	170	<5	86	41-117
Pyrene	ug/kg (ppb)	170	<5	84	48-115
Benz(a)anthracene	ug/kg (ppb)	170	<5	81	42-114
Chrysene	ug/kg (ppb)	170	<5	81	38-118
Benzo(b)fluoranthene	ug/kg (ppb)	170	<5	93	49-124
Benzo(k)fluoranthene	ug/kg (ppb)	170	<5	89	47-123
Benzo(a)pyrene	ug/kg (ppb)	170	<5	86	48-110
Indeno(1,2,3-cd)pyrene	ug/kg (ppb)	170	<5	123	23-130
Dibenz(a,h)anthracene	ug/kg (ppb)	170	<5	131	24-138
Benzo(g,h,i)perylene	ug/kg (ppb)	170	<5	132	14-132

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/02/07

Project: Ram Auto, F&BI 702046

**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL
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/kg (ppb)	170	89	92	47-117	4
Acenaphthylene	ug/kg (ppb)	170	88	93	61-108	8
Acenaphthene	ug/kg (ppb)	170	89	93	46-116	4
Fluorene	ug/kg (ppb)	170	92	100	54-107	3
Phenanthrene	ug/kg (ppb)	170	88	92	52-100	2
Anthracene	ug/kg (ppb)	170	81	79	49-97	2
Fluoranthene	ug/kg (ppb)	170	94	92	50-109	2
Pyrene	ug/kg (ppb)	170	92	90	44-120	3
Benz(a)anthracene	ug/kg (ppb)	170	82	83	52-99	5
Chrysene	ug/kg (ppb)	170	83	85	49-105	3
Benzo(b)fluoranthene	ug/kg (ppb)	170	95	100	49-116	0
Benzo(k)fluoranthene	ug/kg (ppb)	170	91	94	47-115	3
Benzo(a)pyrene	ug/kg (ppb)	170	85	85	41-111	3
Indeno(1,2,3-cd)pyrene	ug/kg (ppb)	170	124	127 vo	42-125	2
Dibenz(a,h)anthracene	ug/kg (ppb)	170	131	135 vo	40-132	4
Benzo(g,h,i)perylene	ug/kg (ppb)	170	128 vo	130 vo	41-122	5

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

702046

SAMPLE CHAIN OF CUSTODY ME 02/02/07

VS2/CI3

Send Report To Eric Rothman cc: Cory League
 Company SES
 Address 2400 Airport Way S., Suite 200
 City, State, ZIP Seattle, WA 98134
 Phone # 206.306.1900 Fax # 206.306.1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. RAM Auto PO#
 REMARKS Please email results

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	Location ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	NWTPH-Dx	ANALYSIS REQUESTED										Notes
								Silica Gel by 3630	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	PCBs by 8082	PCRA 8 + Zn	PAT sim	PCBs by 8082	PCRA 8 + Zn	
TP01F01-06.0	Test Pit 1	01 A-F	2/2/07	1050	Soil	6	X	X	X	X	X	X	X	X	X	X	X	hold per ER 2/5/07 ml
TP01E01-02.0	Test Pit 1	02 A-F	2/2/07	1100	Soil	6	X	X	X	X	X	X	X	X	X	X	X	
TP02S01-02.0	Test Pit 2	03 A-F	2/2/07	1140	Soil	6	X	X	X	X	X	X	X	X	X	X	X	
TP02F01-04.0	Test Pit 2	04 A-F	2/2/07	1150	Soil	6	X	X	X	X	X	X	X	X	X	X	X	hold per ER 2/5/07
TP03W01-01.0	Test Pit 3	05 A-F	2/2/07	1315	Soil	6	X	X	X									
TP03F01-04.0	Test Pit 3	06 A-F	2/2/07	1310	Soil	6	X	X	X									cancel per ER 2/12/07
TP04F01-02.0	Test Pit 4	07 A-F	2/2/07	1335	Soil	6	X	X	X									ER 2/12/07
TP04E01-01.0	Test Pit 4	08 A-F	2/2/07	1340	Soil	6	X	X	X									

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Cory League</u>	<u>SES</u>	<u>2/2/07</u>	<u>1530</u>
Received by: <u>[Signature]</u>	<u>Kurt Johnson</u>	<u>F+B</u>	<u>2/2/07</u>	<u>1530</u>
Relinquished by:				
Received by:				
Samples received at			<u>-3 °C</u>	

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

February 16, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the additional results from the testing of material submitted on February 9, 2007 from the RAM Auto, F&BI 702109 project. There are 3 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0216R

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on February 9, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies RAM Auto, F&BI 702109 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
702109-01	TP05N01-01.0
702109-02	TP05F01-04.0
702109-03	TP06N01-01.0
702109-04	TP06F01-03.0

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07
Date Received: 02/09/07
Project: RAM Auto, F&BI 702109
Date Extracted: 02/15/07
Date Analyzed: 02/16/07

**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)

<u>Sample ID</u> Laboratory ID	<u>Total Mercury</u>
TP05N01-01.0 702109-01	0.74
Method Blank	<0.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 02/16/07

Date Received: 02/09/07

Project: RAM Auto, F&BI 702109

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

Laboratory Code: 702072-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Mercury	mg/kg (ppm)	<0.2	<0.2	nm

Laboratory Code: 702072-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	<0.2	117	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Mercury	mg/kg (ppm)	0.125	104	70-130

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

702109

SAMPLE CHAIN OF CUSTODY

ME 02/09/07

VS1/CI 2

Send Report To Erin Rothman cc: Cory League
 Company Sound Environmental Strategies
 Address 2400 Airport Way S, Suite 200
 City, State, ZIP Seattle, WA 98134
 Phone # 206.306.1900 Fax# 206.306.1907

SAMPLERS (signature) _____
 PROJECT NAME/NO. RAM Auto PO# _____
 REMARKS Please email results: Soundcory@gmail.com

Page # 1 of 1
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 5 Day
 Rush charges authorized by: EKR
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Location ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSIS REQUESTED										Notes
							NWTPH-DX	Silica Gel by 8680	NWTPH-Gx	BTEX by 8021B	Chlorine by 8260	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	PCBs by 8082	8270c (PAH)	
TP05NO1-01.0	Test Pit 5	01 A-F	2/8/07	1820	Soil	6	X		X	X	X		X	X	X		Adopt to RCRA
TP05FO1-04.0	"	02 A-F	2/8/07	1830	Soil	6	X		X	X	X		X	X	X		" HOLD
TP06NO1-01.0	Test Pit 6	03 A-F	2/8/07	1900	Soil	6	X		X	X	X		X	X	X		"
TP06FO1-03.0	"	04 A-E	2/8/07	1910	Soil	5	X		X	X	X		X	X	X		" HOLD
																	- canelp ER MS 2/12/07

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>				
Received by: <u>[Signature]</u>	<u>Cory League</u>	<u>SES</u>	<u>2/9/07</u>	<u>1130</u>
Relinquished by:	<u>Nhan Phan</u>	<u>FBI</u>	<u>2/9/07</u>	<u>V</u>
Received by:				

Samples received at 6 °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

April 6, 2007

John Funderburk, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Funderburk:

Included are the results from the testing of material submitted on March 30, 2007 from the SOU_0570-001-01_20070330, F&BI 703350 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
SOU0406R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on March 30, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-01_20070330, F&BI 703350 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
703350-01	SW1-2007330
703350-02	TP11-2007330
703350-03	TP12-2007330
703350-04	TP13-2007330
703350-05	TP14-2007330
703350-06	TP15-2007330

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

Date Extracted: 04/02/07

Date Analyzed: 04/02/07

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

Results Reported as $\mu\text{g/L}$ (ppb)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u> (C ₆ -C ₁₀)	<u>Surrogate</u> (% Recovery) (Limit 51-134)
SW1-2007330 703350-01	<100	100
Method Blank	<100	92

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07
Date Received: 03/30/07
Project: SOU_0570-001-01_20070330, F&BI 703350
Date Extracted: 04/03/07
Date Analyzed: 04/04/07

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**
Results Reported as µg/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-132)
SW1-2007330 d 703350-01	<60	<290	104
Method Blank	<50	<250	103

d - Detection limits are raised due to insufficient sample volume.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

Date Extracted: 04/02/07

Date Analyzed: 04/04/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
TP11-2007330 d 703350-02	17,000	45,000	105
TP12-2007330 703350-03	2,100	6,800	100
TP13-2007330 703350-04	4,700	18,000	99
TP14-2007330 703350-05	2,500	10,000	100
TP15-2007330 703350-06	240	890	100
Method Blank	<50	<250	103

d - The sample was diluted.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID: SW1-2007330	Client: Sound Environmental Strategies
Date Received: 03/30/07	Project: SOU_0570-001-01_20070330, F&BI 703350
Date Extracted: 04/02/07	Lab ID: 703350-01
Date Analyzed: 04/02/07	Data File: 040212.D
Matrix: Water	Instrument: GCMS5
Units: ug/L (ppb)	Operator: MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	105	75	125
1,2-Dichloroethane-d4	101	67	133
Toluene-d8	105	79	129
4-Bromofluorobenzene	112	76	145

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	<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	<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		

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	SOU_0570-001-01_20070330, F&BI 703350
Date Extracted:	04/02/07	Lab ID:	07-469 mb
Date Analyzed:	04/02/07	Data File:	040205.D
Matrix:	Water	Instrument:	GCMS5
Units:	ug/L (ppb)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	105	75	125
1,2-Dichloroethane-d4	107	67	133
Toluene-d8	106	79	129
4-Bromofluorobenzene	113	76	145

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	<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	<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		

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07
 Date Received: 03/30/07
 Project: SOU_0570-001-01_20070330, F&BI 703350
 Date Extracted: 04/02/07
 Date Analyzed: 04/03/07

**RESULTS FROM THE ANALYSIS OF SOIL SAMPLES
 FOR PCBs REPORTED AS AROCLORS
 USING EPA METHOD 8082**
 Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Aroclor</u>								<u>Surrogate</u> <u>(% Rec.)</u> (Limit 50-150)
	<u>1221</u>	<u>1232</u>	<u>1016</u>	<u>1242</u>	<u>1248</u>	<u>1254</u>	<u>1260</u>	<u>1262</u>	
TP11-2007330 703350-02	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	97
TP12-2007330 703350-03	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	101
TP13-2007330 703350-04	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	97
TP14-2007330 703350-05	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	110
TP15-2007330 703350-06	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	95
Method Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

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

Laboratory Code: 703338-01 (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	98	69-134

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	107	121	67-141	12

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

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

Laboratory Code: 703343-07 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	113	111	71-137	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	108	70-129

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

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

Laboratory Code: 703340-18 (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

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

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	70	68	54-127	2
Chloromethane	ug/L (ppb)	50	82	74	49-159	11
Vinyl chloride	ug/L (ppb)	50	86	83	45-168	4
Bromomethane	ug/L (ppb)	50	71	78	37-161	9
Chloroethane	ug/L (ppb)	50	75	76	28-161	2
Trichlorofluoromethane	ug/L (ppb)	50	96	95	41-163	1
Acetone	ug/L (ppb)	50	184 vo	199 vo	13-174	8
1,1-Dichloroethene	ug/L (ppb)	50	102	105	48-136	3
Methylene chloride	ug/L (ppb)	50	95	94	70-110	1
trans-1,2-Dichloroethene	ug/L (ppb)	50	103	102	78-121	1
1,1-Dichloroethane	ug/L (ppb)	50	100	98	75-121	1
2,2-Dichloropropane	ug/L (ppb)	50	108	104	74-139	4
cis-1,2-Dichloroethene	ug/L (ppb)	50	104	102	79-125	1
Chloroform	ug/L (ppb)	50	98	98	60-122	0
2-Butanone (MEK)	ug/L (ppb)	50	155	164 vo	58-156	6
1,2-Dichloroethane (EDC)	ug/L (ppb)	50	99	100	71-123	0
1,1,1-Trichloroethane	ug/L (ppb)	50	104	105	78-124	1
1,1-Dichloropropene	ug/L (ppb)	50	105	104	66-124	1
Carbon Tetrachloride	ug/L (ppb)	50	109	107	71-124	2
Benzene	ug/L (ppb)	50	101	99	74-120	2
Trichloroethene	ug/L (ppb)	50	97	95	74-119	2
1,2-Dichloropropane	ug/L (ppb)	50	103	102	76-123	0
Bromodichloromethane	ug/L (ppb)	50	111	111	78-125	0
Dibromomethane	ug/L (ppb)	50	108	106	71-124	1
4-Methyl-2-pentanone	ug/L (ppb)	50	119	118	72-132	1
cis-1,3-Dichloropropene	ug/L (ppb)	50	106	105	73-131	1
Toluene	ug/L (ppb)	50	106	103	69-125	3
trans-1,3-Dichloropropene	ug/L (ppb)	50	105	104	81-130	1
1,1,2-Trichloroethane	ug/L (ppb)	50	104	103	81-120	1
2-Hexanone	ug/L (ppb)	50	148 vo	149 vo	70-146	1
1,3-Dichloropropane	ug/L (ppb)	50	104	103	80-120	1
Tetrachloroethene	ug/L (ppb)	50	103	100	79-117	3
Dibromochloromethane	ug/L (ppb)	50	114	114	89-124	0
1,2-Dibromoethane (EDB)	ug/L (ppb)	50	107	106	80-120	1
Chlorobenzene	ug/L (ppb)	50	103	101	78-114	1
Ethylbenzene	ug/L (ppb)	50	106	103	77-119	2
1,1,1,2-Tetrachloroethane	ug/L (ppb)	50	108	107	80-123	1
m,p-Xylene	ug/L (ppb)	100	107	106	65-129	1
o-Xylene	ug/L (ppb)	50	108	108	54-153	0
Styrene	ug/L (ppb)	50	111	110	77-126	1
Isopropylbenzene	ug/L (ppb)	50	113	111	82-122	2
Bromoform	ug/L (ppb)	50	100	101	55-123	1
n-Propylbenzene	ug/L (ppb)	50	105	105	86-124	0
Bromobenzene	ug/L (ppb)	50	105	105	79-122	0
1,3,5-Trimethylbenzene	ug/L (ppb)	50	105	105	77-127	0
1,1,2,2-Tetrachloroethane	ug/L (ppb)	50	102	102	77-124	0
1,2,3-Trichloropropane	ug/L (ppb)	50	99	100	77-125	1
2-Chlorotoluene	ug/L (ppb)	50	105	105	82-120	0
4-Chlorotoluene	ug/L (ppb)	50	105	105	83-120	0
tert-Butylbenzene	ug/L (ppb)	50	107	106	81-125	1
1,2,4-Trimethylbenzene	ug/L (ppb)	50	104	104	78-125	0
sec-Butylbenzene	ug/L (ppb)	50	101	100	77-125	0
p-Isopropyltoluene	ug/L (ppb)	50	107	107	77-131	1
1,3-Dichlorobenzene	ug/L (ppb)	50	105	104	79-115	1
1,4-Dichlorobenzene	ug/L (ppb)	50	100	99	78-110	1
1,2-Dichlorobenzene	ug/L (ppb)	50	108	107	78-114	1
1,2-Dibromo-3-chloropropane	ug/L (ppb)	50	120	119	73-139	1
1,2,4-Trichlorobenzene	ug/L (ppb)	50	115	107	75-127	7
Hexachlorobutadiene	ug/L (ppb)	50	105	100	68-138	5
Naphthalene	ug/L (ppb)	50	132	117	68-137	12
1,2,3-Trichlorobenzene	ug/L (ppb)	50	128	106	69-137	19

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

Note: The initial calibration verification result for dichlorodifluoromethane and chloromethane exceeded 15% deviation. The average deviation for all compounds was not greater than 15%, therefore the initial calibration is considered valid.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 04/06/07

Date Received: 03/30/07

Project: SOU_0570-001-01_20070330, F&BI 703350

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES FOR
POLYCHLORINATED BIPHENYLS AS
AROCLOR 1016/1260 BY EPA METHOD 8082**

Laboratory Code: 703350-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	<0.1	<0.1	nm
Aroclor 1260	mg/kg (ppm)	<0.1	<0.1	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	% Recovery LCS	% Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Aroclor 1016	mg/kg (ppm)	0.4	90	98	73-135	9
Aroclor 1260	mg/kg (ppm)	0.4	90	95	72-149	5

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

703350

SAMPLE CHAIN OF CUSTODY

ME 03/30/07 AIS/VI/803

Send Report To John Funderburk

Company Sound Environmental Strategies

Address 2400 Airport Way S., Suite 200

City, State, ZIP Seattle, WA 98134-2020

Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature) _____

PROJECT NAME/NO. RAM Auto PO # 0570-001-01

REMARKS _____

TURNAROUND TIME

Standard (2 Weeks) *need by*

RUSH 3 day *used*

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Location ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of jars	ANALYSES REQUESTED							Notes		
							TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	PCB's by EPA 8060				
SW1-2007330	BAK	01-A-G	3:30	2:30	Water	7	X	X		X						(2) Please hold 500 poly one Liter amber
TP11-2007330		02	3:30	2:30	Soil	1	X					X				
TP12-2007330		03	3:30	2:30	Soil	1	X					X				
TP13-2007330		04	3:30	3:00	Soil	1	X					X				
TP14-2007330		05	3:30	3:10	Soil	1	X					X				
TP15-2007330		06	3:30	3:20	Soil	1	X					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: <i>Sheri Danz</i>	Sheri Danz	SES	3/30/07	5:45
Received by: <i>M. Phan</i>	Bhan Phan	FEEI	3/30/07	5:45
Relinquished by:				
Received by:	Samples received at <u>3</u> °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

August 23, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on August 20, 2007 from the SOU_0570-001-02_08202007, F&BI 708260 project. There are 7 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



for
Michael Erdahl
Project Manager

Enclosures
SOU0823R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 20, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies Corporation SOU_0570-001-02_08202007, F&BI 708260 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
708260-01	TP16-20070820
708260-02	TP17-20070820
708260-03	TP18-20070820

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	TP16-20070820	Client:	Sound Environmental Strategies
Date Received:	08/20/07	Project:	SOU_0570-001-02, F&BI 708260
Date Extracted:	08/21/07	Lab ID:	708260-01
Date Analyzed:	08/22/07	Data File:	708260-01.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Bismuth	80	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	TP17-20070820	Client:	Sound Environmental Strategies
Date Received:	08/20/07	Project:	SOU_0570-001-02, F&BI 708260
Date Extracted:	08/21/07	Lab ID:	708260-02
Date Analyzed:	08/22/07	Data File:	708260-02.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	80	Limit:	Limit:
		60	125

Analyte:	Concentration	TCLP Limit
	mg/L (ppm)	
Lead	1.26	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	TP18-20070820	Client:	Sound Environmental Strategies
Date Received:	08/20/07	Project:	SOU_0570-001-02, F&BI 708260
Date Extracted:	08/21/07	Lab ID:	708260-03
Date Analyzed:	08/22/07	Data File:	708260-03.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	77	Limit:	Limit:
		60	125

Analyte:	Concentration	TCLP Limit
	mg/L (ppm)	
Lead	4.59	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis for TCLP Metals By EPA Method 200.8 and 40 CFR PART 261

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	SOU_0570-001-02, F&BI 708260
Date Extracted:	08/21/07	Lab ID:	I7-306 mb
Date Analyzed:	08/22/07	Data File:	I7-306 mb.015
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Bismuth	79	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	<1	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/23/07
Date Received: 08/20/07
Project: SOU_0570-001-02_08202007, F&BI 708260

**QUALITY ASSURANCE RESULTS
FOR THE ANALYSIS OF SOIL SAMPLES
FOR TCLP METALS USING
EPA METHOD 200.8 AND 40 CFR PART 261**

Laboratory Code: 708092-15 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Lead	mg/L (ppm)	<1	<1	nm	0-20

Laboratory Code: 708092-15 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Lead	mg/L (ppm)	1.0	<1	109	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/L (ppm)	1.0	108	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

708260

SAMPLE CHAIN OF CUSTODY

ME 08/20/07

BI

Send Report To Erin Ruthman & Corey League
 Company Sound Environmental Strategies
 Address 2400 Airport Way South, Suite 200
 City, State, ZIP Seattle, WA 98134
 Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature)		Page # <u>1</u> of <u>1</u>
PROJECT NAME/NO. <u>0570-001-02</u>	PO #	TURNAROUND TIME <input type="checkbox"/> Standard (2 Weeks) <input checked="" type="checkbox"/> RUSH <u>48 hr</u> Rush charges authorized by: <u>HCL</u>
REMARKS <u>Please email results</u>	GEMSY/N	
		SAMPLE DISPOSAL <input type="checkbox"/> Dispose after 30 days <input type="checkbox"/> Return samples <input checked="" type="checkbox"/> Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	TCLP Lead		
TP16-20070820	Area 1	6"	01	8/20/07	0830	Soil	1								X	
TP17-20070820	Area 2	6"	02	8/20/07	0835	Soil	1								X	
TP18-20070820	Area 3	6"	03	8/20/07	0845	Soil	2								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:	Corey League	SES	8/20/07	1328
Received by:	Khan Phan	FBI	8/20/07	✓
Relinquished by:				
Received by:				

Samples received at 25 °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

September 13, 2007

Erin Rothman and Corey League, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman and Mr. League:

Included are the additional results from the testing of material submitted on August 20, 2007 from the SOU_0570-001-02_20070820, F&BI 708260 project. There are 7 pages included in this report.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0913R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 20, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070820 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
708260-01	TP16-20070820
708260-02	TP17-20070820
708260-03	TP18-20070820

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP16-20070820	Client:	Sound Environmental Strategies
Date Received:	08/20/07	Project:	SOU_0570-001-02_20070820
Date Extracted:	09/12/07	Lab ID:	708260-01
Date Analyzed:	09/12/07	Data File:	708260-01.031
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	94	60	125
Bismuth	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.76
Lead	152

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP17-20070820	Client:	Sound Environmental Strategies
Date Received:	08/20/07	Project:	SOU_0570-001-02_20070820
Date Extracted:	09/12/07	Lab ID:	708260-02
Date Analyzed:	09/12/07	Data File:	708260-02.032
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	89	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.64
Lead	289

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	TP18-20070820	Client:	Sound Environmental Strategies
Date Received:	08/20/07	Project:	SOU_0570-001-02_20070820
Date Extracted:	09/12/07	Lab ID:	708260-03
Date Analyzed:	09/12/07	Data File:	708260-03.033
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	94	60	125
Bismuth	95	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.56
Lead	1,640

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	SOU_0570-001-02_20070820
Date Extracted:	09/12/07	Lab ID:	I7-328 mb
Date Analyzed:	09/12/07	Data File:	I7-328 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	105	60	125
Bismuth	96	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/13/07
Date Received: 08/20/07
Project: SOU_0570-001-02_20070820

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

Laboratory Code: 709083-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	66.6	65.5	2	0-20

Laboratory Code: 709083-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	104	50-150
Lead	mg/kg (ppm)	50	66.6	91 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	100	70-130
Lead	mg/kg (ppm)	50	98	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

708260

SAMPLE CHAIN OF CUSTODY

ME 08/20/07

BT

Send Report To Erin Rothman & Corey League

Company Sound Environmental Strategies

Address 2400 Airport Way South Suite 200

City, State, ZIP Seattle, WA 98134

Phone # (206) 306-1900 Fax # (206) 306-1907

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. 0570-001-02 PO #

REMARKS Please email results GEMS N

Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 48 hr
 Rush charges authorized by: HCL

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED								Notes		
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	TCLP Lead	Pb+Cd Total			
TP16-20070820	Area 1	6"	01	8/20/07	0830	Soil	1								X	⊗	60-ppm CL	
TP17-20070820	Area 2	6"	02	8/20/07	0835	Soil	1								X	⊗	9/12/07	
TP18-20070820	Area 3	6"	03	8/20/07	0845	Soil	1								X	⊗	M4	

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: <u>[Signature]</u>	<u>Corey League</u>	<u>SLES</u>	<u>8/20/07</u>	<u>1328</u>
Received by: <u>[Signature]</u>	<u>Nhan Phan</u>	<u>FEBI</u>	<u>8/20/07</u>	<u>✓</u>
Relinquished by:				
Received by:				

Samples received at 25 °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

September 14, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 4, 2007 from the SOU_0570-001-20070904, F&BI 709019 project. There are 17 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl
Project Manager

Enclosures
SOU0914R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 4, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-20070904, F&BI 709019 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
709019-01	UST1-09N00E-04
709019-02	UST-18N07E-04
709019-03	UST1-09N02E-05.5
709019-04	UST2-09N02W-05.5
709019-05	UST2-09N00W-04
709019-06	UST-00N07E-04
709019-07	Area4_SP1

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/04/07
Project: SOU_0570-001-20070904, F&BI 709019
Date Extracted: 09/05/07
Date Analyzed: 09/06/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR BENZENE, TOLUENE, ETHYLBENZENE,
XYLENES AND TPH AS GASOLINE
USING EPA METHOD 8021B AND NWTPH-Gx**
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
UST1-09N00E-04 709019-01	<0.02	<0.02	<0.02	<0.06	<2	98
UST-18N07E-04 709019-02	<0.02	<0.02	<0.02	<0.06	<2	132
UST1-09N02E-05.5 709019-03	<0.02	<0.02	<0.02	<0.06	<2	124
UST2-09N02W-05.5 709019-04	<0.02	<0.02	<0.02	<0.06	<2	129
UST2-09N00W-04 709019-05	0.02	<0.02	<0.02	<0.06	<2	131
UST-00N07E-04 709019-06	<0.02	<0.02	<0.02	<0.06	<2	111
Area4_SP1 d 709019-07 1/10	<0.2	0.83	0.84	84 ve	620	73
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	103

FRIEDMAN & BRUYA, INC.
ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/04/07
Project: SOU_0570-001-20070904, F&BI 709019
Date Extracted: 09/05/07
Date Analyzed: 09/05/07 and 09/06/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
UST1-09N00E-04 709019-01	<50	<250	109
UST-18N07E-04 709019-02	<50	<250	103
UST1-09N02E-05.5 709019-03	<50	<250	106
UST2-09N02W-05.5 709019-04	<50	<250	115
UST2-09N00W-04 709019-05	<50	<250	111
UST-00N07E-04 709019-06	<50	<250	112
Area4_SP1 709019-07	1,100 x	1,800	98
Method Blank	<50	<250	111

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	UST1-09N00E-04	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	709019-01
Date Analyzed:	09/10/07	Data File:	709019-01.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	93	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	4.03

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	UST-18N07E-04	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	709019-02
Date Analyzed:	09/10/07	Data File:	709019-02.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	89	60	125
Indium	97	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	4.56

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	UST1-09N02E-05.5	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	709019-03
Date Analyzed:	09/10/07	Data File:	709019-03.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Germanium	89	60	125
Indium	100	60	125
Bismuth	90	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	1.57

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	UST2-09N02W-05.5	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	709019-04
Date Analyzed:	09/10/07	Data File:	709019-04.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	4.51

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	UST2-09N00W-04	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	709019-05
Date Analyzed:	09/10/07	Data File:	709019-05.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	89	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	16.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	UST-00N07E-04	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	709019-06
Date Analyzed:	09/10/07	Data File:	709019-06.024
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	85	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)
Lead	7.39

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-20070904
Date Extracted:	09/10/07	Lab ID:	I7-325 mb
Date Analyzed:	09/10/07	Data File:	I7-325 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower	Upper
Bismuth	92	Limit:	Limit:
		60	125

Analyte:	Concentration
	mg/kg (ppm)

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area4_SP1	Client:	Sound Environmental Strategies
Date Received:	09/04/07	Project:	SOU_0570-001-20070904
Date Extracted:	09/11/07	Lab ID:	709019-07
Date Analyzed:	09/11/07	Data File:	709019-07.010
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.24
Lead	143

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-20070904
Date Extracted:	09/11/07	Lab ID:	I7-325 mb
Date Analyzed:	09/11/07	Data File:	I7-325 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	95	60	125
Bismuth	88	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/04/07
Project: SOU_0570-001-20070904, F&BI 709019

**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: 709013-01 (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	98	70-130
Toluene	mg/kg (ppm)	0.5	94	70-130
Ethylbenzene	mg/kg (ppm)	0.5	98	70-130
Xylenes	mg/kg (ppm)	1.5	96	70-130
Gasoline	mg/kg (ppm)	20	72	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/04/07
Project: SOU_0570-001-20070904, F&BI 709019

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

Laboratory Code: 709013-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	102	102	71-137	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	70-129

FRIEDMAN & BRUYA, INC.
 ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
 Date Received: 09/04/07
 Project: SOU_0570-001-20070904, F&BI 709019

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

Laboratory Code: 709074-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Lead	mg/kg (ppm)	11.7	11.0	6	0-20

Laboratory Code: 709074-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Lead	mg/kg (ppm)	50	11.7	95 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	50	105	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/04/07
Project: SOU_0570-001-20070904, F&BI 709019

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

Laboratory Code: 709074-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	11.7	11.0	6	0-20

Laboratory Code: 709074-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	97	50-150
Lead	mg/kg (ppm)	50	11.7	95 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	101	70-130
Lead	mg/kg (ppm)	50	105	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709019

SAMPLE CHAIN OF CUSTODY

ME 9/4/07 VS2/A03

Send Report To Emin R. Rahman
 Company SES
 Address 2400 Airport Way S
 City, State, ZIP Seattle WA 98134
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. 70 05003-001-02 PO #
 REMARKS Gems please

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										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Lead	REPA 8 Cd/Pb				
UST1-09NO0E-04	01 A-E	4 Sept 07	1320	SOIL	5	X	X	X									4-pr ER
UST1-18NO7E-04	02 A-E		1325	SOIL	5	X	X	X									9/7/07
UST1-09NO2E-05.5	03 A-E		1330			X	X	X									MS
UST2-09NO2W-05.5	04 A-E		1335			X	X	X									
UST2-09NO0W-04	05 A-E		1340			X	X	X									
UST-00NO7E-04	06 A-E		1345			X	X	X									
230N180E-01.5	07 A-E		1415			X	X	X									3 day turn
Area 4-SPI																	

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>[Signature]</u>	Emin R. Rahman	SES	9/4/07	4:30
<u>[Signature]</u>	Michael E. Chh	F&B		
Relinquished by:				
Received by:				

Samples received at 25 °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
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e-mail: fbi@isomedia.com

September 14, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 6, 2007 from the SOU_0570-001-02_20070906, F&BI 709035 project. There are 9 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
SOU0914R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 6, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070906, F&BI 709035 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
709035-01

Sound Environmental Strategies
Area1 SP-20070905

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.
ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/06/07
Project: SOU_0570-001-02_20070906, F&BI 709035
Date Extracted: 09/06/07
Date Analyzed: 09/06/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR BENZENE, TOLUENE, ETHYLBENZENE,
XYLENES AND TPH AS GASOLINE
USING EPA METHOD 8021B AND NWTPH-Gx**
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Area1 SP-20070905 709035-01	<0.02	<0.02	<0.02	<0.06	3	108
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	112

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/06/07
Project: SOU_0570-001-02_20070906, F&BI 709035
Date Extracted: 09/06/07
Date Analyzed: 09/07/07

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

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

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
Area1 SP-20070905 709035-01	130 x	360	113
Method Blank	<50	<250	115

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area1 SP-20070905	Client:	Sound Environmental Strategies
Date Received:	09/06/07	Project:	SOU_0570-001-02_20070906
Date Extracted:	09/11/07	Lab ID:	709035-01
Date Analyzed:	09/11/07	Data File:	709035-01.009
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	37.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070906
Date Extracted:	09/11/07	Lab ID:	I7-325 mb
Date Analyzed:	09/11/07	Data File:	I7-325 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	95	60	125
Bismuth	88	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/06/07
Project: SOU_0570-001-02_20070906, F&BI 709035

**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: 709013-01 (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	98	70-130
Toluene	mg/kg (ppm)	0.5	94	70-130
Ethylbenzene	mg/kg (ppm)	0.5	98	70-130
Xylenes	mg/kg (ppm)	1.5	96	70-130
Gasoline	mg/kg (ppm)	20	72	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/06/07
Project: SOU_0570-001-02_20070906, F&BI 709035

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

Laboratory Code: 709036-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	93	92	69-125	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	105	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/06/07
Project: SOU_0570-001-02_20070906, F&BI 709035

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

Laboratory Code: 709074-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	11.7	11.0	6	0-20

Laboratory Code: 709074-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	97	50-150
Lead	mg/kg (ppm)	50	11.7	95 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	101	70-130
Lead	mg/kg (ppm)	50	105	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709035

SAMPLE CHAIN OF CUSTODY

ME 09/06/07

151 / A07

Send Report To Erin Rothman CC: John Funderbunk

Company Sand Environmental Strategies

Address 2400 Airport Way South, Suite 200

City, State, ZIP Seattle, WA 98134

Phone # 206.306.1900 Fax # 206.306.1907

SAMPLERS (signature) <u>[Signature]</u>	
PROJECT NAME/NO. <u>0570-001-02</u>	PO #
REMARKS	GEMSO / N

Page # 1 of 1

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 3 Day
 Rush charges authorized by: EKR

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED								Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Cd+Pb			
Area 1 SP- 20070905		NA	A-E	09/05/07	0830	Soil	5	X	X	X							⊗ - pre E 9/10/07

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: <u>[Signature]</u>	<u>Corey League</u>	<u>SES</u>	<u>09/05/07</u>	<u>1900</u>
Received by: <u>[Signature]</u>	<u>Shen David</u>	<u>SES</u>	<u>9/5/07</u>	<u>1400</u>
Relinquished by: <u>[Signature]</u>	<u>Shen David</u>	<u>SES</u>	<u>9/6/07</u>	<u>0925</u>
Received by: <u>[Signature]</u>	<u>Phan Phan</u>	<u>FEBT</u>	<u>9/6/07</u>	<u>V</u>

Samples received at 12 °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

September 14, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 11, 2007 from the SOU_0570-001-02_20070911, F&BI 709085 project. There are 11 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
SOU0914R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 11, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070911, F&BI 709085 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
709085-01	Area2SP-East
709085-02	Area2SP2-East
709085-03	Area1-SP2

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.
ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/11/07
Project: SOU_0570-001-02_20070911, F&BI 709085
Date Extracted: 09/11/07
Date Analyzed: 09/12/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR BENZENE, TOLUENE, ETHYLBENZENE,
XYLENES AND TPH AS GASOLINE
USING EPA METHOD 8021B AND NWTPH-Gx**
Results Reported on a Dry Weight Basis
Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Area2SP-East 709085-01	<0.02	0.30	0.07	1.8	22	100
Area2SP2-East 709085-02	<0.02	<0.02	<0.02	<0.06	<2	117
Area1-SP2 709085-03	<0.02	<0.02	<0.02	<0.06	<2	105
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/11/07
Project: SOU_0570-001-02_20070911, F&BI 709085
Date Extracted: 09/11/07
Date Analyzed: 09/12/07

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

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

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
Area2SP-East 709085-01	<50	<250	108
Area2SP2-East 709085-02	790 x	2,600	98
Area1-SP2 709085-03	110 x	470	102
Method Blank	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area2SP-East	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/12/07	Lab ID:	709085-01
Date Analyzed:	09/12/07	Data File:	709085-01.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

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

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	23.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area2SP2-East	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/12/07	Lab ID:	709085-02
Date Analyzed:	09/12/07	Data File:	709085-02.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	96	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.38
Lead	138

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area1-SP2	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/12/07	Lab ID:	709085-03
Date Analyzed:	09/12/07	Data File:	709085-03.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	94	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.10
Lead	83.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/12/07	Lab ID:	I7-328 mb
Date Analyzed:	09/12/07	Data File:	I7-328 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	105	60	125
Bismuth	96	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07

Date Received: 09/11/07

Project: SOU_0570-001-02_20070911, F&BI 709085

**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: 709076-07 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	94	70-130
Toluene	mg/kg (ppm)	0.5	90	70-130
Ethylbenzene	mg/kg (ppm)	0.5	92	70-130
Xylenes	mg/kg (ppm)	1.5	90	70-130
Gasoline	mg/kg (ppm)	20	91	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
Date Received: 09/11/07
Project: SOU_0570-001-02_20070911, F&BI 709085

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

Laboratory Code: 709087-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	98	95	69-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	70-127

FRIEDMAN & BRUYA, INC.
 ENVIRONMENTAL CHEMISTS

Date of Report: 09/14/07
 Date Received: 09/11/07
 Project: SOU_0570-001-02_20070911, F&BI 709085

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

Laboratory Code: 709083-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	66.6	65.5	2	0-20

Laboratory Code: 709083-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	104	50-150
Lead	mg/kg (ppm)	50	66.6	91 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	100	70-130
Lead	mg/kg (ppm)	50	98	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709085

SAMPLE CHAIN OF CUSTODY

ME 09-11-07

VSI/A01

Send Report To Erin Rothman
 Company Sound Environmental Strategies
 Address _____
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) _____
 PROJECT NAME/NO. 0570-001-02 PO # _____
 REMARKS _____ GEMS Y/N _____

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	CLP	
Area 2SP East															
42N110EE	Surface		01 A-E	9-6-07	11:30	Soil	5	⊕	⊕	⊕				⊕	
165N135EE	.5		02 A-E	9-7-07	12:00	Soil	5	↓	↓	↓				↓	
Canopy-SP Area 1-SP			03	9-7-07	13:00	Soil	1	↓	↓	↓				↓	
Area 2SP2-East															

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:				
Received by:	Nhan Phan	FeBT	9/10/07	11:00
Relinquished by:				
Received by:	Samples received at 2 °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

September 17, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 11, 2007 from the SOU_0570-001-02_20070911, F&BI 709091 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
SOU0917R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 11, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070911, F&BI 709091 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
709091-01	Area2SP1-South
709091-02	Area2SP2-South
709091-03	Area4SP
709091-04	Area5SP1-North
709091-05	Area5SP2-North

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/17/07

Date Received: 09/11/07

Project: SOU_0570-001-02_20070911, F&BI 709091

Date Extracted: 09/11/07

Date Analyzed: 09/11/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Area2SP1-South 709091-01	<0.02	<0.02	<0.02	<0.06	2	115
Area2SP2-South 709091-02	<0.02	<0.02	<0.02	<0.06	<2	66
Area4SP 709091-03	<0.03	<0.03	<0.03	<0.09	<3	123
Area5SP1-North 709091-04	<0.02	<0.02	<0.02	<0.06	<2	92
Area5SP2-North 709091-05	<0.02	<0.02	<0.02	<0.06	<2	102
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/17/07

Date Received: 09/11/07

Project: SOU_0570-001-02_20070911, F&BI 709091

Date Extracted: 09/11/07

Date Analyzed: 09/11/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
Area2SP1-South 709091-01	87 x	530	72
Area2SP2-South 709091-02	540 x	1,700	91
Area4SP 709091-03	<50	<250	94
Area5SP1-North 709091-04	<50	<250	95
Area5SP2-North 709091-05	76 x	410	93
Method Blank	<50	<250	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area2SP1-South	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/11/07	Lab ID:	709091-01
Date Analyzed:	09/11/07	Data File:	709091-01.013
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.34
Lead	229

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area2SP2-South	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/11/07	Lab ID:	709091-02
Date Analyzed:	09/11/07	Data File:	709091-02.014
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	69.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area4SP	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/11/07	Lab ID:	709091-03
Date Analyzed:	09/11/07	Data File:	709091-03.015
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	80	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.07
Lead	27.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5SP1-North	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/11/07	Lab ID:	709091-04
Date Analyzed:	09/11/07	Data File:	709091-04.016
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	83	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	7.20
Lead	329

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5SP2-North	Client:	Sound Environmental Strategies
Date Received:	09/11/07	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/11/07	Lab ID:	709091-05
Date Analyzed:	09/11/07	Data File:	709091-05.017
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.20
Lead	366

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070911
Date Extracted:	09/11/07	Lab ID:	I7-326 mb
Date Analyzed:	09/11/07	Data File:	I7-326 mb.011
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	81	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/17/07

Date Received: 09/11/07

Project: SOU_0570-001-02_20070911, F&BI 709091

**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: 709083-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.03	<0.03	nm
Toluene	mg/kg (ppm)	<0.03	<0.03	nm
Ethylbenzene	mg/kg (ppm)	<0.03	<0.03	nm
Xylenes	mg/kg (ppm)	<0.12	<0.12	nm
Gasoline	mg/kg (ppm)	<3	<3	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	94	70-130
Toluene	mg/kg (ppm)	0.5	90	70-130
Ethylbenzene	mg/kg (ppm)	0.5	94	70-130
Xylenes	mg/kg (ppm)	1.5	91	70-130
Gasoline	mg/kg (ppm)	20	89	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/17/07

Date Received: 09/11/07

Project: SOU_0570-001-02_20070911, F&BI 709091

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

Laboratory Code: 709091-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	220	99	99	50-150	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	98	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/17/07

Date Received: 09/11/07

Project: SOU_0570-001-02_20070911, F&BI 709091

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

Laboratory Code: 709081-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	5.11	4.59	11	0-20

Laboratory Code: 709081-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	116	50-150
Lead	mg/kg (ppm)	50	5.11	113	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	107	70-130
Lead	mg/kg (ppm)	50	100	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution.
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709091

SAMPLE CHAIN OF CUSTODY

ME 09-11-07

VS2/AZ

Send Report To Erin Rothman
 Company Sand Environmental Strategies
 Address 2400 Airport Way S, Ste 200
 City, State, ZIP Seattle WA 98134
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. 0570-001-02 PO #
 REMARKS

Page # 1 of 1
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH see below
 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										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Cadmium	Lead				
Area 2 SP1 - South	01A-E	9/11/07	0620	Soil	5	X	X					X	X				3 day
Area 2 SP2 - South	02A-E		0625		1	X	X					X	X				3 day
Area 4 SP	03A-E		0640		1	X	X					X	X				3 day
Area 5 SP1 - North	04A-E		0650		1	X	X	X				X	X				24 hr Rush
Area 5 SP2 - North	05A-E		0630		1	X	X	X				X	X				24 hr Rush

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	Andrea Liljegren	SES	9/11/07	1000
Received by: <u>[Signature]</u>	Nhan Phan	FBI	9/11/07	10:00
Relinquished by:				
Received by:				

Samples received at 1200

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

September 19, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 12, 2007 from the SOU_0570-001-02_20070912, F&BI 709107 project. There are 9 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
SOU0919R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 12, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070912, F&BI 709107 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
709107-01

Sound Environmental Strategies
Area1-SP3

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/19/07

Date Received: 09/12/07

Project: SOU_0570-001-02_20070912, F&BI 709107

Date Extracted: 09/13/07

Date Analyzed: 09/13/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Area1-SP3 709107-01	<0.03	0.19	0.59	9.7 ve	160	140
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	103

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/19/07

Date Received: 09/12/07

Project: SOU_0570-001-02_20070912, F&BI 709107

Date Extracted: 09/12/07

Date Analyzed: 09/12/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u>
Laboratory ID	(C ₁₀ -C ₂₅)	(C ₂₅ -C ₃₆)	(% Recovery)
			(Limit 50-150)
Area1-SP3 709107-01	820 x	3,100	102
Method Blank	<50	<250	106

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area1-SP3	Client:	Sound Environmental Strategies
Date Received:	09/12/07	Project:	SOU_0570-001-02_20070912
Date Extracted:	09/13/07	Lab ID:	709107-01
Date Analyzed:	09/13/07	Data File:	709107-01.011
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	89	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.70
Lead	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070912
Date Extracted:	09/13/07	Lab ID:	I7-328 mb
Date Analyzed:	09/13/07	Data File:	I7-328 mb.009
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	102	60	125
Bismuth	93	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/19/07

Date Received: 09/12/07

Project: SOU_0570-001-02_20070912, F&BI 709107

**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: 709111-12 (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	0.07	15
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	80	66-121
Toluene	mg/kg (ppm)	0.5	78	72-128
Ethylbenzene	mg/kg (ppm)	0.5	82	69-132
Xylenes	mg/kg (ppm)	1.5	80	69-131
Gasoline	mg/kg (ppm)	20	88	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/19/07

Date Received: 09/12/07

Project: SOU_0570-001-02_20070912, F&BI 709107

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

Laboratory Code: 709097-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	112	103	50-150	8

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	100	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/19/07

Date Received: 09/12/07

Project: SOU_0570-001-02_20070912, F&BI 709107

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

Laboratory Code: 709083-05 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	66.6	65.5	2	0-20

Laboratory Code: 709083-05 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	104	50-150
Lead	mg/kg (ppm)	50	66.6	91 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	100	70-130
Lead	mg/kg (ppm)	50	98	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - The sample was diluted due to insufficient sample volume. Detection limits are raised due to dilution
- 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.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709107

SAMPLE CHAIN OF CUSTODY

ME 09-12-07

AT1

Send Report To Grim K. Rothman
 Company Grund Environmental
 Address _____
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (Signature) _____
 PROJECT NAME/NO 0570-001-02 PO # _____
 REMARKS _____

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

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	ANALYSES REQUESTED							Notes					
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS							
<u>Area 1 West - SP3</u>	<u>01</u>	<u>11 Sept 07</u>	<u>0800</u>	<u>soil</u>	<u>1</u>	<u>X</u>	<u>X</u>											

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
<u>[Signature]</u>	<u>Grim K Rothman</u>	<u>FEJ</u>	<u>12 Sept 07</u>	<u>1112</u>
<u>[Signature]</u>	<u>Eric Young</u>	<u>FEJ</u>	<u>9/12/07</u>	<u>1115</u>
Relinquished by:				
Received by:				

Samples received at 19

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

September 26, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 14, 2007 from the SOU_0570-001-02_20070914, F&BI 709173 project. There are 12 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
SOU0926R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 14, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070914, F&BI 709173 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
709173-01	Area 5 SP-West
709173-02	Area 5 SP-NE
709173-03	Area 5 SP1-East
709173-04	Area 5 SP2-East

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709173

Date Extracted: 09/18/07

Date Analyzed: 09/18/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
Area 5 SP-West 709173-01	<0.02	<0.02	<0.02	0.40	21	130
Area 5 SP-NE 709173-02	<0.02	<0.02	<0.02	<0.06	5	125
Area 5 SP1-East 709173-03	<0.02	<0.02	0.03	0.57	52	125
Area 5 SP2-East 709173-04	<0.02	<0.02	0.05	<0.06	41	126
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	117

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709173

Date Extracted: 09/17/07

Date Analyzed: 09/17/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
Area 5 SP-West 709173-01	190 x	550	93
Area 5 SP-NE 709173-02	5,000	760 y	104
Area 5 SP1-East 709173-03	<50	290	69
Area 5 SP2-East 709173-04	3,200	<250	92
Method Blank	<50	<250	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area 5 SP-West	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709173-01
Date Analyzed:	09/17/07	Data File:	709173-01.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	86	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.38
Lead	124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area 5 SP-NE	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709173-02
Date Analyzed:	09/17/07	Data File:	709173-02.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	8.16
Lead	135

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area 5 SP1-East	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709173-03
Date Analyzed:	09/17/07	Data File:	709173-03.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.45
Lead	121

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area 5 SP2-East	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709173-04
Date Analyzed:	09/17/07	Data File:	709173-04.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	19.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	I7-337 mb
Date Analyzed:	09/17/07	Data File:	I7-337 mb.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	<2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709173

**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: 709175-15 (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	98	66-121
Toluene	mg/kg (ppm)	0.5	96	72-128
Ethylbenzene	mg/kg (ppm)	0.5	100	69-132
Xylenes	mg/kg (ppm)	1.5	97	69-131
Gasoline	mg/kg (ppm)	20	97	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709173

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

Laboratory Code: 709173-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	2,900	76 b	80 b	69-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709173

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

Laboratory Code: 709175-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	6.06	7.75	24 a	0-20

Laboratory Code: 709175-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	98	50-150
Lead	mg/kg (ppm)	50	6.06	97	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	98	70-130
Lead	mg/kg (ppm)	50	97	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb** - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc** - The compound is a common laboratory and field contaminant.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709173

SAMPLE CHAIN OF CUSTODY ME 09-14-07

VSI / ALI

Send Report To Erin Rothman

Company Sound-Environ. Strategies

Address _____

City, State, ZIP _____

Phone # _____ Fax # _____

SAMPLERS (signature) _____

PROJECT NAME/NO. Ram Auto PO # _____

0570-001-02

REMARKS #COC generated in lab GEMS Y/N

(NP) 9-14-07

Page # _____ of _____

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Cd, Pb	
Area 5 SR- West			⁰¹ A-E	09-12-07	08:00	Soil	5	⊗	⊗	⊗				⊗	(p-pr note from AL ME 9/26/07)
Area 5 SP- NE			⁰² A-E	09-12-07	10:15	Soil	5								
Area 5 SPI- East			⁰³ A-E	09-12-07	14:00	Soil	5								
Area 5 SP2- East			⁰⁴ A-E	09-12-07	10:20	Soil	5								

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:				
Received by: <u>[Signature]</u>	<u>Nhan Phan</u>	<u>FEBI</u>	<u>9/14/07</u>	<u>11:00</u>
Relinquished by:				
Received by:				

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

September 26, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 14, 2007 from the SOU_0570-001-02_20070914, F&BI 709175 project. There are 25 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
SOU0926R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 14, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070914, F&BI 709175 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
709175-01	C-Area1(1)@surface
709175-02	C-Area1(2)@1.0'
709175-03	C-Area1(3)@2.0'
709175-04	C-Area2(1)@1.5'
709175-05	C-Area2(2)@6"
709175-06	C-Area3(1)@4.5'
709175-07	C-Area4(1)@4.0'
709175-08	C-Area5(D1)@6.0'
709175-09	C-Area5(D2)@4.0'
709175-10	C-Area5(D3)@5.0'
709175-11	C-Area5(D4)@4.0'
709175-12	C-Area5(D5)@3.0'
709175-13	C-Area5(1)@2.5'
709175-14	C-Area5(8)@10'-12'
709175-15	C-Area5(3)@1.5'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

Date Extracted: 09/18/07

Date Analyzed: 09/18/07 and 09/19/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
C-Area1(1)@surface 709175-01	<0.02	<0.02	<0.02	<0.06	<2	114
C-Area1(2)@1.0' 709175-02	<0.02	0.06	<0.02	<0.06	<2	112
C-Area1(3)@2.0' 709175-03	<0.02	<0.02	<0.02	<0.06	<2	71
C-Area2(1)@1.5' 709175-04	<0.02	0.05	<0.02	<0.06	<2	98
C-Area2(2)@6" 709175-05	0.02	0.03	<0.02	<0.06	<2	93
C-Area3(1)@4.5' 709175-06	<0.02	0.02	<0.02	<0.06	<2	102
C-Area4(1)@4.0' 709175-07	<0.02	<0.02	<0.02	<0.06	<2	110
C-Area5(D1)@6.0' 709175-08	<0.02	<0.02	<0.02	<0.06	<2	114
C-Area5(D2)@4.0' 709175-09	<0.02	<0.02	<0.02	<0.06	<2	78
C-Area5(D3)@5.0' 709175-10	<0.02	<0.02	<0.02	<0.06	<2	122
C-Area5(D4)@4.0' 709175-11	<0.02	<0.02	<0.02	<0.06	<2	98

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

Date Extracted: 09/18/07

Date Analyzed: 09/18/07 and 09/19/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
C-Area5(D5)@3.0' 709175-12	<0.02	<0.02	<0.02	<0.06	<2	128
C-Area5(1)@2.5' 709175-13	<0.02	<0.02	<0.02	<0.06	<2	113
C-Area5(8)@10'-12' 709175-14	<0.02	<0.02	<0.02	<0.06	<2	109
C-Area5(3)@1.5' 709175-15	<0.02	<0.02	<0.02	<0.06	<2	117
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	117

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

Date Extracted: 09/17/07

Date Analyzed: 09/17/07 and 09/18/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
C-Area1(1)@surface 709175-01	<50	<250	104
C-Area1(2)@1.0' 709175-02	<50	<250	97
C-Area1(3)@2.0' 709175-03	<50	<250	92
C-Area2(1)@1.5' 709175-04	1,300 x	4,700	89
C-Area2(2)@6" 709175-05	210 x	1,500	102
C-Area3(1)@4.5' 709175-06	220 x	1,000	91
C-Area4(1)@4.0' 709175-07	85 x	380	96
C-Area5(D1)@6.0' 709175-08	<50	<250	95
C-Area5(D2)@4.0' 709175-09	<50	<250	105
C-Area5(D3)@5.0' 709175-10	<50	<250	92
C-Area5(D4)@4.0' 709175-11	67 x	320	86

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

Date Extracted: 09/17/07

Date Analyzed: 09/17/07 and 09/18/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
C-Area5(D5)@3.0' 709175-12	160 x	850	92
C-Area5(1)@2.5' 709175-13	<50	<250	104
C-Area5(8)@10'-12' 709175-14	130 x	2,600	96
C-Area5(3)@1.5' 709175-15	120 x	690	97
Method Blank	<50	<250	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area1(1)@surface	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-01
Date Analyzed:	09/17/07	Data File:	709175-01.056
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Bismuth	84	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	2.16

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area1(2)@1.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-02
Date Analyzed:	09/17/07	Data File:	709175-02.057
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	79	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	25.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area1(3)@2.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-03
Date Analyzed:	09/17/07	Data File:	709175-03.058
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	78	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	6.06

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area2(1)@1.5'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-04
Date Analyzed:	09/17/07	Data File:	709175-04.061
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	78	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.59
Lead	284

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area2(2)@6"	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-05
Date Analyzed:	09/17/07	Data File:	709175-05.063
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	80	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.89
Lead	163

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area3(1)@4.5'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-06
Date Analyzed:	09/17/07	Data File:	709175-06.064
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	79	60	125
Bismuth	82	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.13
Lead	666

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area4(1)@4.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-07
Date Analyzed:	09/17/07	Data File:	709175-07.065
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	76	60	125
Bismuth	73	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.52
Lead	187

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(D1)@6.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-08
Date Analyzed:	09/17/07	Data File:	709175-08.066
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	76	60	125
Bismuth	75	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	49.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(D2)@4.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-09
Date Analyzed:	09/17/07	Data File:	709175-09.067
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	73	60	125
Bismuth	72	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.23
Lead	47.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(D3)@5.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-10
Date Analyzed:	09/17/07	Data File:	709175-10.068
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	73	60	125
Bismuth	72	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.54
Lead	90.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(D4)@4.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-11
Date Analyzed:	09/17/07	Data File:	709175-11.069
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	74	60	125
Bismuth	73	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.17
Lead	273

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(D5)@3.0'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-12
Date Analyzed:	09/17/07	Data File:	709175-12.070
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	70	60	125
Bismuth	71	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.68
Lead	433

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(1)@2.5'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-13
Date Analyzed:	09/17/07	Data File:	709175-13.071
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	73	60	125
Bismuth	70	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	7.02

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(8)@10'-12'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-14
Date Analyzed:	09/17/07	Data File:	709175-14.072
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	71	60	125
Bismuth	70	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	11.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(3)@1.5'	Client:	Sound Environmental Strategies
Date Received:	09/14/07	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	709175-15
Date Analyzed:	09/17/07	Data File:	709175-15.074
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	67	60	125
Bismuth	67	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.38
Lead	161

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070914
Date Extracted:	09/17/07	Lab ID:	I7-337 mb
Date Analyzed:	09/17/07	Data File:	I7-337 mb.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	<2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

**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: 709175-15 (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	98	66-121
Toluene	mg/kg (ppm)	0.5	96	72-128
Ethylbenzene	mg/kg (ppm)	0.5	100	69-132
Xylenes	mg/kg (ppm)	1.5	97	69-131
Gasoline	mg/kg (ppm)	20	97	61-153

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

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

Laboratory Code: 709173-04 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	3,300	76 b	80 b	69-125	5

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/26/07

Date Received: 09/14/07

Project: SOU_0570-001-02_20070914, F&BI 709175

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

Laboratory Code: 709175-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	6.06	7.75	24 a	0-20

Laboratory Code: 709175-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	98	50-150
Lead	mg/kg (ppm)	50	6.06	97	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	98	70-130
Lead	mg/kg (ppm)	50	97	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb** - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc** - The compound is a common laboratory and field contaminant.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709175

SAMPLE CHAIN OF CUSTODY

ME 09-14-07, VS3/BI3

Send Report To Erin Rothman
 Company SES
 Address 2600 Airport Way S. Suite 200
 City, State, ZIP Seattle WA 98134
 Phone # 206-306-1900 Fax # 206-306-1967

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. 05704001-02 CAM AUTO PO #
 REMARKS

Page # 1 of 2
 TURNAROUND TIME
 Standard (2 Weeks) 3 day
 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										Notes	
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Cadmium	Lead				
C-Area 1 (1) @ surface	01 A-E	9/14/07		Soil	5	X	X	X				X	X				
C-Area 1 (2) @ 10'	02 A-E				1	X	X	X				X	X				
C-Area 1 (3) @ 2.0'	03 A-E				1	X	X	X				X	X				
C-Area 2 (1) @ 1.5'	04 A-E				1	X	X	X				X	X				
C-Area 2 (2) @ 6"	05 A-E				1	X	X	X				X	X				
C-Area 3 (1) @ 4.5'	06 A-E				1	X	X	X				X	X				
C-Area 4 (1) @ 4.0'	07 A-E				1	X	X	X				X	X				
C-Area 5 (D1) @ 6.0'	08 A-E				1	X	X	X				X	X				
C-Area 5 (D2) @ 4.0'	09 A-E				1	X	X	X				X	X				
C-Area 5 (D3) @ 5.0'	10 A-E				1	X	X	X				X	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
<u>[Signature]</u>	Andrea Liljgren	SES	9/14/07	6:45
<u>[Signature]</u>	Alexandra Yerzhova	FIB	9/14/07	↓
Relinquished by:				
Received by:				

Samples received at -10 °C

709175

ME 09-14-07

Page # 2 of 2 VS3/BI

Send Report To Eric Rothman
 Company SES
 Address See previous pg.
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. 0570-001-02 RMM Auto PO # _____
 REMARKS _____

TURNAROUND TIME
 Standard (2 Weeks) 3 days
 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										Notes			
						TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	Cadmium	Lead						
C-Area 5 (D4) @ 4.0'	11 A-E	9/14/07		Soil	5	X	X	X				X	X						
C-Area 5 (D5) @ 3.0'	12 A-E					X	X	X				X	X						
C-Area 5 (L1) @ 2.5'	13 A-E					X	X	X				X	X						
C-Area 5 (8) @ 10-12'	14 A-E					X	X	X				X	X						
C-Area 5 (3) @ 1.5'	15 A-E					X	X	X				X	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: <u>[Signature]</u>	Andrea Liljgren	SES	9/14/07	6:45
Received by: <u>[Signature]</u>	Alexandra Yeshora	F/B	9/14/07	↓
Relinquished by: _____	_____	_____	_____	_____
Received by: _____	_____	_____	_____	_____

Samples received at -10 °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

September 25, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on September 17, 2007 from the SOU_0570-001-02_20070917, F&BI 709183 project. There are 9 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
SOU0925R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 17, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20070917, F&BI 709183 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
709183-01

Sound Environmental Strategies
C-Area5(9)@3.5

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/25/07

Date Received: 09/17/07

Project: SOU_0570-001-02_20070917, F&BI 709183

Date Extracted: 09/18/07

Date Analyzed: 09/20/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
C-Area5(9)@3.5 709183-01	<0.02	<0.02	<0.02	<0.06	<2	119
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	126

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/25/07

Date Received: 09/17/07

Project: SOU_0570-001-02_20070917, F&BI 709183

Date Extracted: 09/17/07

Date Analyzed: 09/17/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u>	<u>Diesel Range</u>	<u>Motor Oil Range</u>	<u>Surrogate</u>
Laboratory ID	(C ₁₀ -C ₂₅)	(C ₂₅ -C ₃₆)	(% Recovery)
			(Limit 50-150)
C-Area5(9)@3.5 709183-01	<50	<250	97
Method Blank	<50	<250	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	C-Area5(9)@3.5	Client:	Sound Environmental Strategies
Date Received:	09/17/07	Project:	SOU_0570-001-02_20070917
Date Extracted:	09/17/07	Lab ID:	709183-01
Date Analyzed:	09/17/07	Data File:	709183-01.075
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	69	60	125
Bismuth	69	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	6.17

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20070917
Date Extracted:	09/17/07	Lab ID:	I7-337 mb
Date Analyzed:	09/17/07	Data File:	I7-337 mb.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	<2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/25/07

Date Received: 09/17/07

Project: SOU_0570-001-02_20070917, F&BI 709183

**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: 709083-11 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	0.25	0.25	0
Toluene	mg/kg (ppm)	0.09	0.09	0
Ethylbenzene	mg/kg (ppm)	0.58	0.58	0
Xylenes	mg/kg (ppm)	4.1	4.1	0
Gasoline	mg/kg (ppm)	37	37	0

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	94	70-130
Toluene	mg/kg (ppm)	0.5	90	70-130
Ethylbenzene	mg/kg (ppm)	0.5	94	70-130
Xylenes	mg/kg (ppm)	1.5	92	70-130
Gasoline	mg/kg (ppm)	20	89	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/25/07

Date Received: 09/17/07

Project: SOU_0570-001-02_20070917, F&BI 709183

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

Laboratory Code: 709183-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	93	92	50-150	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	91	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/25/07

Date Received: 09/17/07

Project: SOU_0570-001-02_20070917, F&BI 709183

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

Laboratory Code: 709175-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	6.06	7.75	24 a	0-20

Laboratory Code: 709175-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	98	50-150
Lead	mg/kg (ppm)	50	6.06	97	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	98	70-130
Lead	mg/kg (ppm)	50	97	70-130

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb** - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc** - The compound is a common laboratory and field contaminant.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

709183

SAMPLE CHAIN OF CUSTODY

ME 09-17-07 vsi/ B01

Send Report To Erin Rothman
 Company Sound Environmental Strategies
 Address 2400 Airport Way S, Suite 200
 City, State, ZIP Seattle, WA 98134
 Phone # 206.306.1900 Fax # 206.306.1907

SAMPLERS (signature) [Signature] For: Andrea Hjegen
 PROJECT NAME/NO. 0570-001-02 PO #
 REMARKS Please email results GEMS Y N

Page # 1 of 1
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH 3 Days
 Rush charges authorized by: ATL
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED								Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Lead	Cadmium	
C-Area 5(9) @ 3.5		3.5'	01 AE	9/17/07	0800	Soil	5	X	X	X					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: <u>[Signature]</u>	<u>Cony League</u>	<u>SES</u>	<u>9/17/07</u>	<u>12:10</u>
Received by: <u>[Signature]</u>	<u>Eric Young</u>	<u>F&B</u>	<u>9/17/07</u>	<u>12:10</u>
Relinquished by:				
Received by:				
Samples received at <u>20</u> °C				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
Bradley T. Benson, B.S.
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3012 16th Avenue West
Seattle, WA 98119-2029
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October 18, 2007

Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman:

Included are the results from the testing of material submitted on October 5, 2007 from the SOU_0570-001-02_20071005, F&BI 710104 project. There are 112 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

c: John Funderburk
SOU1018R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 5, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20071005, F&BI 710104 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
710104-01	160N050E-00
710104-02	150N050E-00
710104-03	200N050E-00
710104-04	250N050E-00
710104-05	300N050E-00
710104-06	350N050E-00
710104-07	350N100E-00
710104-08	300N100E-00
710104-09	250N100E-00
710104-10	350N150E-00
710104-11	300N150E-00
710104-12	250N150E-00
710104-13	200N150E-00
710104-14	150N150E-00
710104-15	015N070E-00
710104-16	030N070E-00
710104-17	045N070E-00
710104-18	060N070E-00
710104-19	075N070E-00
710104-20	090N070E-00
710104-21	105N070E-00
710104-22	120N070E-00
710104-23	135N070E-00
710104-24	150N070E-00
710104-25	150N085E-00
710104-26	135N085E-00
710104-27	120N085E-00
710104-28	105N085E-00
710104-29	090N085E-00
710104-30	075N085E-00
710104-31	060N085E-00
710104-32	045N085E-00
710104-33	030N085E-00
710104-34	015N085E-00
710104-35	015N100E
710104-36	030N100E

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (continued)

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
710104-37	045N100E
710104-38	060N100E
710104-39	075N100E
710104-40	090N100E
710104-41	135N100E
710104-42	150N100E
710104-43	150N115E
710104-44	135N115E
710104-45	120N115E
710104-46	105N115E
710104-47	090N115E
710104-48	075N115E
710104-49	060N115E
710104-50	045N115E
710104-51	030N115E
710104-52	015N115E
710104-53	015N130E
710104-54	030N130E-00
710104-55	045N130E-3.5
710104-56	060N130E-2.5
710104-57	075N130E-2.5
710104-58	090N130E-00
710104-59	105N130E-00
710104-60	120N130E-00
710104-61	135N130E-00
710104-62	150N130E-00
710104-63	015N145E-00
710104-64	030N145E-00
710104-65	045N145E-2.5
710104-66	060N145E-2.5
710104-67	075N145E-2.5
710104-68	090N145E-00
710104-69	105N145E-00
710104-70	105N160E-00
710104-71	090N160E-00
710104-72	075N160E-00
710104-73	060N160E-00
710104-74	045N160E-00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE (continued)

Laboratory ID

710104-75

710104-76

Sound Environmental Strategies

030N160E-00

015N160E-00

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

Date Extracted: 10/09/07, 10/10/07, 10/11/07 and 10/12/07

Date Analyzed: 10/09/07 10/10/07, 10/11/07, 10/12/07 and 10/13/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
160N050E-00 710104-01	<0.02	<0.02	<0.02	<0.06	<2	95
150N050E-00 710104-02	<0.02	<0.02	<0.02	<0.06	<2	121
200N050E-00 710104-03	<0.02	<0.02	<0.02	<0.06	<2	111
250N050E-00 710104-04	<0.02	<0.02	<0.02	<0.06	<2	109
300N050E-00 710104-05	<0.02	<0.02	<0.02	<0.06	<2	110
350N050E-00 710104-06	<0.02	<0.02	<0.02	<0.06	<2	117
350N100E-00 710104-07	<0.02	<0.02	<0.02	<0.06	<2	104
300N100E-00 710104-08	<0.02	<0.02	<0.02	<0.06	<2	104
250N100E-00 710104-09	<0.02	<0.02	<0.02	<0.06	<2	100
350N150E-00 710104-10	<0.02	<0.02	<0.02	<0.06	<2	100

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
300N150E-00 710104-11	<0.02	<0.02	<0.02	<0.06	<2	111
250N150E-00 710104-12	<0.02	<0.02	<0.02	<0.06	<2	98
200N150E-00 710104-13	<0.02	<0.02	<0.02	<0.06	<2	108
150N150E-00 710104-14	<0.02	<0.02	<0.02	<0.06	<2	113
015N070E-00 710104-15	<0.02	<0.02	<0.02	<0.06	<2	108
030N070E-00 710104-16	<0.02	<0.02	<0.02	<0.06	<2	104
045N070E-00 710104-17	<0.02	<0.02	<0.02	<0.06	<2	112
060N070E-00 710104-18	<0.02	<0.02	<0.02	<0.06	<2	114
075N070E-00 710104-19	<0.02	<0.02	<0.02	<0.06	<2	101
090N070E-00 710104-20	<0.02	<0.02	<0.02	<0.06	<2	110

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Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
105N070E-00 710104-21	<0.02	<0.02	<0.02	<0.06	<2	119
120N070E-00 710104-22	<0.02	<0.02	<0.02	<0.06	<2	72
135N070E-00 710104-23	<0.02	<0.02	<0.02	<0.06	<2	114
150N070E-00 710104-24	<0.02	<0.02	<0.02	<0.06	<2	99
150N085E-00 710104-25	<0.02	<0.02	<0.02	<0.06	<2	120
135N085E-00 710104-26	<0.02	<0.02	<0.02	<0.06	<2	83
120N085E-00 710104-27	<0.02	<0.02	<0.02	<0.06	<2	86
105N085E-00 710104-28	<0.02	<0.02	<0.02	<0.06	<2	102
090N085E-00 710104-29	<0.02	<0.02	<0.02	<0.06	<2	120
075N085E-00 710104-30	<0.02	<0.02	<0.02	<0.06	<2	111

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XYLENES AND TPH AS GASOLINE
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Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
060N085E-00 710104-31	<0.02	<0.02	<0.02	<0.06	<2	105
045N085E-00 710104-32	<0.02	<0.02	<0.02	<0.06	<2	118
030N085E-00 710104-33	<0.02	<0.02	<0.02	<0.06	<2	115
015N085E-00 710104-34	<0.02	<0.02	<0.02	<0.06	<2	119
015N100E 710104-35	<0.02	<0.02	<0.02	<0.06	<2	113
030N100E 710104-36	<0.02	<0.02	<0.02	<0.06	<2	102
045N100E 710104-37	<0.02	<0.02	<0.02	<0.06	<2	105
060N100E 710104-38	<0.02	<0.02	<0.02	<0.06	<2	113
075N100E 710104-39	<0.02	<0.02	<0.02	<0.06	<2	114
090N100E 710104-40	<0.02	<0.02	<0.02	<0.06	<2	108

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Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
135N100E 710104-41	<0.02	<0.02	<0.02	<0.06	<2	63
150N100E 710104-42	<0.02	<0.02	<0.02	<0.06	<2	107
150N115E 710104-43	<0.02	<0.02	<0.02	<0.06	<2	116
135N115E 710104-44	<0.02	<0.02	<0.02	<0.06	<2	116
120N115E 710104-45	<0.02	<0.02	<0.02	<0.06	<2	88
105N115E 710104-46	<0.02	<0.02	<0.02	<0.06	<2	100
090N115E 710104-47	<0.02	<0.02	<0.02	<0.06	<2	109
075N115E 710104-48	<0.02	<0.02	<0.02	<0.06	<2	74
060N115E 710104-49	<0.02	<0.02	<0.02	<0.06	<2	103
045N115E 710104-50	<0.02	<0.02	<0.02	<0.06	<2	102
030N115E 710104-51	<0.02	<0.02	<0.02	<0.06	4	125

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
015N115E 710104-52	<0.02	<0.02	<0.02	<0.06	<2	111
015N130E 710104-53	<0.02	<0.02	<0.02	<0.06	<2	85
030N130E-00 710104-54	<0.02	<0.02	<0.02	<0.06	<2	123
045N130E-3.5 710104-55	<0.02	<0.02	<0.02	<0.06	<2	125
060N130E-2.5 710104-56	<0.02	<0.02	<0.02	<0.06	<2	111
075N130E-2.5 710104-57	<0.02	<0.02	<0.02	<0.06	<2	118
090N130E-00 710104-58	<0.02	<0.02	<0.02	<0.06	<2	111
105N130E-00 710104-59	<0.02	<0.02	<0.02	<0.06	<2	109
120N130E-00 710104-60	<0.02	<0.02	<0.02	<0.06	<2	108
135N130E-00 710104-61	<0.02	<0.02	<0.02	<0.06	<2	84

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USING EPA METHOD 8021B AND NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
150N130E-00 710104-62	<0.02	<0.02	<0.02	<0.06	<2	105
015N145E-00 710104-63	<0.02	<0.02	<0.02	<0.06	<2	105
030N145E-00 710104-64	<0.02	<0.02	<0.02	<0.06	<2	89
045N145E-2.5 710104-65	<0.02	<0.02	<0.02	<0.06	<2	100
060N145E-2.5 710104-66	<0.02	<0.02	<0.02	<0.06	<2	97
075N145E-2.5 710104-67	<0.02	<0.02	<0.02	<0.06	<2	92
090N145E-00 710104-68	<0.02	<0.02	<0.02	<0.06	4	110
105N145E-00 710104-69	<0.02	<0.02	<0.02	<0.06	4	104
105N160E-00 710104-70	<0.02	<0.02	<0.02	<0.06	<2	59
090N160E-00 710104-71	<0.02	<0.02	<0.02	<0.06	<2	68
075N160E-00 710104-72	<0.02	<0.02	<0.02	<0.06	<2	86

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FOR BENZENE, TOLUENE, ETHYLBENZENE,
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USING EPA METHOD 8021B AND NWTPH-Gx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
060N160E-00 710104-73	<0.02	<0.02	<0.02	<0.06	<2	89
045N160E-00 710104-74	<0.02	<0.02	<0.02	<0.06	<2	96
030N160E-00 710104-75	<0.02	<0.02	<0.02	<0.06	<2	96
015N160E-00 710104-76	<0.02	<0.02	<0.02	<0.06	<2	95
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	100
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	57
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	115
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	109

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

Date Extracted: 10/08/07 and 10/09/07

Date Analyzed: 10/08/07, 10/09/07 and 10/10/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 53-144)
160N050E-00 710104-01	<50	<250	99
150N050E-00 710104-02	<50	<250	85
200N050E-00 710104-03	88 x	470	96
250N050E-00 710104-04	97 x	540	83
300N050E-00 710104-05	140 x	690	97
350N050E-00 710104-06	68 x	380	90
350N100E-00 710104-07	<50	<250	95
300N100E-00 710104-08	78 x	380	97
250N100E-00 710104-09	190 x	1,300	95
350N150E-00 710104-10	73 x	<250	104

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DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
300N150E-00 710104-11	110 x	340	94
250N150E-00 710104-12	<50	<250	100
200N150E-00 710104-13	59 x	<250	98
150N150E-00 710104-14	66 x	380	87
015N070E-00 710104-15	<50	<250	101
030N070E-00 710104-16	<50	<250	89
045N070E-00 710104-17	<50	<250	94
060N070E-00 710104-18	<50	<250	101
075N070E-00 710104-19	<50	<250	97
090N070E-00 710104-20	64 x	320	93
105N070E-00 710104-21	140 x	980	91

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
120N070E-00 710104-22	7,000 x	12,000	105
135N070E-00 710104-23	210 x	870	87
150N070E-00 710104-24	890 x	3,600	91
150N085E-00 710104-25	130 x	570	97
135N085E-00 710104-26	690 x	2,700	105
120N085E-00 710104-27	200 x	950	84
105N085E-00 710104-28	180 x	830	78
090N085E-00 710104-29	<50	<250	107
075N085E-00 710104-30	<50	<250	99

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

Date Extracted: 10/08/07 and 10/09/07

Date Analyzed: 10/08/07, 10/09/07 and 10/10/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
060N085E-00 710104-31	<50	<250	90
045N085E-00 710104-32	<50	<250	100
030N085E-00 710104-33	<50	<250	97
015N085E-00 710104-34	<50	<250	97
015N100E 710104-35	<50	<250	103
030N100E 710104-36	<50	<250	102
045N100E 710104-37	<50	<250	91
060N100E 710104-38	<50	<250	81
075N100E 710104-39	<50	<250	93
090N100E 710104-40	<50	520	102
135N100E 710104-41	270 x	1,400	97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

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Date Extracted: 10/08/07 and 10/09/07

Date Analyzed: 10/08/07, 10/09/07 and 10/10/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
150N100E 710104-42	170 x	760	104
150N115E 710104-43	240 x	1,000	103
135N115E 710104-44	640 x	2,100	104
120N115E 710104-45	1,100 x	2,200	101
105N115E 710104-46	67 x	290	99
090N115E 710104-47	90 x	360	100
075N115E 710104-48	300 x	1,100	107
060N115E 710104-49	<50	<250	97
045N115E 710104-50	<50	<250	106
030N115E 710104-51	110 x	550	97
015N115E 710104-52	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

Date Extracted: 10/08/07 and 10/09/07

Date Analyzed: 10/08/07, 10/09/07 and 10/10/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
015N130E 710104-53	120 x	480	110
030N130E-00 710104-54	99 x	470	101
045N130E-3.5 710104-55	<50	<250	102
060N130E-2.5 710104-56	<50	<250	106
075N130E-2.5 710104-57	<50	<250	111
090N130E-00 710104-58	<50	<250	108
105N130E-00 710104-59	<50	<250	103
120N130E-00 710104-60	320 x	1,000	99
135N130E-00 710104-61	350 x	1,200	99
150N130E-00 710104-62	180 x	810	110
015N145E-00 710104-63	78 x	510	114

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

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Date Extracted: 10/08/07 and 10/09/07

Date Analyzed: 10/08/07, 10/09/07 and 10/10/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
030N145E-00 710104-64	<50	<250	114
045N145E-2.5 710104-65	<50	<250	102
060N145E-2.5 710104-66	<50	<250	106
075N145E-2.5 710104-67	<50	<250	105
090N145E-00 710104-68	520 x	1,700	105
105N145E-00 710104-69	440 x	1,700	103
105N160E-00 710104-70	75 x	320	112
090N160E-00 710104-71	1,400 x	4,900	106
075N160E-00 710104-72	330 x	1,100	107
060N160E-00 710104-73	<50	<250	108

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

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Date Extracted: 10/08/07 and 10/09/07

Date Analyzed: 10/08/07, 10/09/07 and 10/10/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> (% Recovery) (Limit 53-144)
045N160E-00 710104-74	83 x	380	115
030N160E-00 710104-75	<50	<250	110
015N160E-00 710104-76	<50	<250	109
Method Blank	<50	<250	98
Method Blank	<50	<250	90
Method Blank	<50	<250	99
Method Blank	<50	<250	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	160N050E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-01
Date Analyzed:	10/10/07	Data File:	710104-01.032
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.22
Lead	58.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N050E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-02
Date Analyzed:	10/10/07	Data File:	710104-02.033
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	93	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	64.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	200N050E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-03
Date Analyzed:	10/10/07	Data File:	710104-03.034
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.05
Lead	215

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N050E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-04
Date Analyzed:	10/10/07	Data File:	710104-04.035
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.84
Lead	442

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N050E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-05
Date Analyzed:	10/10/07	Data File:	710104-05.036
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

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

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.18
Lead	675

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N050E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-06
Date Analyzed:	10/10/07	Data File:	710104-06.037
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.81
Lead	296

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N100E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-07
Date Analyzed:	10/10/07	Data File:	710104-07.038
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	36.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N100E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-08
Date Analyzed:	10/10/07	Data File:	710104-08.039
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.92
Lead	263

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N100E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-09
Date Analyzed:	10/10/07	Data File:	710104-09.041
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	84	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.18
Lead	162

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N150E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-10
Date Analyzed:	10/10/07	Data File:	710104-10.042
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.62
Lead	128

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N150E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-11
Date Analyzed:	10/10/07	Data File:	710104-11.043
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	86	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.61
Lead	141

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N150E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-12
Date Analyzed:	10/10/07	Data File:	710104-12.044
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.05
Lead	132

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	200N150E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-13
Date Analyzed:	10/10/07	Data File:	710104-13.045
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	83	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.50
Lead	82.2

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N150E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-14
Date Analyzed:	10/10/07	Data File:	710104-14.046
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	46.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-15
Date Analyzed:	10/10/07	Data File:	710104-15.047
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	83	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	8.60

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-16
Date Analyzed:	10/10/07	Data File:	710104-16.050
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	84	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	10.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-17
Date Analyzed:	10/10/07	Data File:	710104-17.052
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	40.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-18
Date Analyzed:	10/10/07	Data File:	710104-18.053
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	23.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-19
Date Analyzed:	10/10/07	Data File:	710104-19.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	83	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	6.65

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-20
Date Analyzed:	10/10/07	Data File:	710104-20.055
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	12.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-21
Date Analyzed:	10/10/07	Data File:	710104-21.058
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Bismuth	82	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.32
Lead	70.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-22
Date Analyzed:	10/10/07	Data File:	710104-22.059
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	80	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.61
Lead	185

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-23
Date Analyzed:	10/10/07	Data File:	710104-23.060
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	80	60	125
Bismuth	79	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.74
Lead	180

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-24
Date Analyzed:	10/10/07	Data File:	710104-24.061
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	79	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.28
Lead	499

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-25
Date Analyzed:	10/10/07	Data File:	710104-25.063
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	80	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.71
Lead	163

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-26
Date Analyzed:	10/10/07	Data File:	710104-26.064
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	83	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.84
Lead	565

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-27
Date Analyzed:	10/10/07	Data File:	710104-27.065
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	82	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	10.8
Lead	277

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-28
Date Analyzed:	10/10/07	Data File:	710104-28.066
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	81	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.49
Lead	332

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-29
Date Analyzed:	10/10/07	Data File:	710104-29.067
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	78	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	18.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-30
Date Analyzed:	10/10/07	Data File:	710104-30.068
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	77	60	125
Bismuth	75	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.29

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-31
Date Analyzed:	10/10/07	Data File:	710104-31.069
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	79	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.35

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-32
Date Analyzed:	10/10/07	Data File:	710104-32.070
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	83	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.26

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-33
Date Analyzed:	10/10/07	Data File:	710104-33.074
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	77	60	125
Bismuth	75	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.97

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N085E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-34
Date Analyzed:	10/10/07	Data File:	710104-34.075
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	77	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	37.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-35
Date Analyzed:	10/10/07	Data File:	710104-35.076
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	75	60	125
Bismuth	72	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	14.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-36
Date Analyzed:	10/10/07	Data File:	710104-36.077
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	78	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	19.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-37
Date Analyzed:	10/10/07	Data File:	710104-37.078
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	77	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	16.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-38
Date Analyzed:	10/10/07	Data File:	710104-38.079
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	78	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	2.18

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-39
Date Analyzed:	10/10/07	Data File:	710104-39.080
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	75	60	125
Bismuth	73	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	20.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-40
Date Analyzed:	10/10/07	Data File:	710104-40.081
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	78	60	125
Bismuth	76	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.80
Lead	283

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-41
Date Analyzed:	10/11/07	Data File:	710104-41.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	96	60	125
Bismuth	103	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	6.69
Lead	436

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N100E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-42
Date Analyzed:	10/11/07	Data File:	710104-42.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	100	60	125
Bismuth	101	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.49
Lead	482

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-43
Date Analyzed:	10/11/07	Data File:	710104-43.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	93	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.80
Lead	109

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-44
Date Analyzed:	10/11/07	Data File:	710104-44.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	97	60	125
Bismuth	100	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.77
Lead	252

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-45
Date Analyzed:	10/11/07	Data File:	710104-45.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	94	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.92
Lead	148

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-46
Date Analyzed:	10/11/07	Data File:	710104-46.024
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	96	60	125
Bismuth	98	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	94.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-47
Date Analyzed:	10/11/07	Data File:	710104-47.025
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	96	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.46
Lead	74.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-48
Date Analyzed:	10/11/07	Data File:	710104-48.026
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	96	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.66
Lead	90.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-49
Date Analyzed:	10/11/07	Data File:	710104-49.027
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

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

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.58
Lead	26.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-50
Date Analyzed:	10/11/07	Data File:	710104-50.031
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	10.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-51
Date Analyzed:	10/11/07	Data File:	710104-51.032
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.10
Lead	70.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N115E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-52
Date Analyzed:	10/11/07	Data File:	710104-52.033
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	16.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N130E	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-53
Date Analyzed:	10/11/07	Data File:	710104-53.034
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

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

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	57.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N130E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-54
Date Analyzed:	10/11/07	Data File:	710104-54.035
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	38.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N130E-3.5	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-55
Date Analyzed:	10/11/07	Data File:	710104-55.036
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.49

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N130E-2.5	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-56
Date Analyzed:	10/11/07	Data File:	710104-56.037
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	10.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N130E-2.5	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-57
Date Analyzed:	10/11/07	Data File:	710104-57.038
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	7.06

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N130E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-58
Date Analyzed:	10/11/07	Data File:	710104-58.039
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	27.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N130E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-59
Date Analyzed:	10/11/07	Data File:	710104-59.041
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	38.7

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N130E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-60
Date Analyzed:	10/11/07	Data File:	710104-60.042
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.62
Lead	276

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N130E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-61
Date Analyzed:	10/11/07	Data File:	710104-61.045
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.71
Lead	124

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N130E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-62
Date Analyzed:	10/11/07	Data File:	710104-62.046
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.12
Lead	89.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N145E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-63
Date Analyzed:	10/11/07	Data File:	710104-63.047
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	14.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N145E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-64
Date Analyzed:	10/11/07	Data File:	710104-64.048
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	14.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N145E-2.5	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-65
Date Analyzed:	10/11/07	Data File:	710104-65.049
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.04

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N145E-2.5	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-66
Date Analyzed:	10/11/07	Data File:	710104-66.050
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	91	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N145E-2.5	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-67
Date Analyzed:	10/11/07	Data File:	710104-67.052
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.61

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N145E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-68
Date Analyzed:	10/11/07	Data File:	710104-68.053
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	92	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.68
Lead	190

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N145E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-69
Date Analyzed:	10/11/07	Data File:	710104-69.054
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	86	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.88
Lead	157

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-70
Date Analyzed:	10/11/07	Data File:	710104-70.055
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	86	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	23.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-71
Date Analyzed:	10/11/07	Data File:	710104-71.056
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	90	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.60
Lead	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-72
Date Analyzed:	10/11/07	Data File:	710104-72.057
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	87	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.14
Lead	144

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	060N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-73
Date Analyzed:	10/11/07	Data File:	710104-73.058
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	85	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	36.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	045N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-74
Date Analyzed:	10/11/07	Data File:	710104-74.059
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	89	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	71.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	030N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-75
Date Analyzed:	10/11/07	Data File:	710104-75.060
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	86	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	16.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N160E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-76
Date Analyzed:	10/11/07	Data File:	710104-76.064
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	88	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	18.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	I7-362 mb
Date Analyzed:	10/10/07	Data File:	I7-362 mb.030
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	89	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	I7-363 mb
Date Analyzed:	10/10/07	Data File:	I7-363 mb.056
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	88	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	I7-364 mb
Date Analyzed:	10/11/07	Data File:	I7-364 mb.016
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

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

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	I7-365 mb
Date Analyzed:	10/11/07	Data File:	I7-365 mb.043
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	94	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

**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: 710104-20 (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	98	70-130
Toluene	mg/kg (ppm)	0.5	100	70-130
Ethylbenzene	mg/kg (ppm)	0.5	102	70-130
Xylenes	mg/kg (ppm)	1.5	101	70-130
Gasoline	mg/kg (ppm)	20	81	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

**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: 710104-40 (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	90	70-130
Toluene	mg/kg (ppm)	0.5	88	70-130
Ethylbenzene	mg/kg (ppm)	0.5	92	70-130
Xylenes	mg/kg (ppm)	1.5	90	70-130
Gasoline	mg/kg (ppm)	20	73	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

**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: 710104-60 (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	90	70-130
Toluene	mg/kg (ppm)	0.5	94	70-130
Ethylbenzene	mg/kg (ppm)	0.5	96	70-130
Xylenes	mg/kg (ppm)	1.5	95	70-130
Gasoline	mg/kg (ppm)	20	90	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

**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: 710104-76 (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	88	70-130
Toluene	mg/kg (ppm)	0.5	88	70-130
Ethylbenzene	mg/kg (ppm)	0.5	92	70-130
Xylenes	mg/kg (ppm)	1.5	89	70-130
Gasoline	mg/kg (ppm)	20	103	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-15 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	95	101	71-137	6

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	106	70-129

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-33 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	102	91	71-137	11

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	97	70-129

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-46 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	160	94	95	71-137	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	103	70-129

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-66 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	116	115	50-150	1

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	113	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-15 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	8.60	8.11	6	0-20

Laboratory Code: 710104-15 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	99	50-150
Lead	mg/kg (ppm)	50	8.60	89	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	96	70-130
Lead	mg/kg (ppm)	50	93	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-32 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	4.26	5.26	21 a	0-20

Laboratory Code: 710104-32 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	98	50-150
Lead	mg/kg (ppm)	50	4.26	95	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	104	70-130
Lead	mg/kg (ppm)	50	96	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-49 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	4.58	4.25	7	0-20
Lead	mg/kg (ppm)	26.1	24.7	6	0-20

Laboratory Code: 710104-49 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	4.58	90 b	50-150
Lead	mg/kg (ppm)	50	26.1	84 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	103	70-130
Lead	mg/kg (ppm)	50	101	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/18/07

Date Received: 10/05/07

Project: SOU_0570-001-02_20071005, F&BI 710104

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

Laboratory Code: 710104-75 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	16.6	17.1	3	0-20

Laboratory Code: 710104-75 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	107	50-150
Lead	mg/kg (ppm)	50	16.6	95 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	106	70-130
Lead	mg/kg (ppm)	50	103	70-130

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07 vsy/cos

Send Report To Erin Rothman

Company SES

Address 2400 Airport Way S, Ste 200

City, State, ZIP Seattle, WA 98148

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. DAM AUTO / 0570-001-02 PO #

REMARKS. 1 VOA in each set has been labeled. other 3 not. Call w/ question. GEMS Y / N

Page # 1 of 6

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	Cd	Lead	SVOCs by 8276	ORPH	
1	1	00	01 A-E	10/4/07	0745	Soil	5	X	X	X	X	X	X	X	
2	2	00	02 A-E	10/4/07	0750			X	X	X	X	X	X	X	
3		00	03 A-E		0800			X	X	X	X	X	X	X	
4		00	04 A-E		0805			X	X	X	X	X	X	X	
5		00	05 A-E		0820			X	X	X	X	X	X	X	
6		00	06 A-E		0840			X	X	X	X	X	X	X	
7		00	07 A-E		0855			X	X	X	X	X	X	X	
8		00	08 A-E		0915			X	X	X	X	X	X	X	
9		00	09 A-E		0930			X	X	X	X	X	X	X	
10		00	10 A-E	10/5/07				X	X	X	X	X	X	X	
11		00	11 A-E					X	X	X	X	X	X	X	
12		00	12 A-E					X	X	X	X	X	X	X	
13		00	13 A-E					X	X	X	X	X	X	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: <u>[Signature]</u>	<u>Andree Litjegen</u>	<u>SES</u>	<u>10/5/07</u>	<u>1800</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>F&B</u>	<u>10/5/07</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at	<u>4</u> °C	

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07

VS4/C05

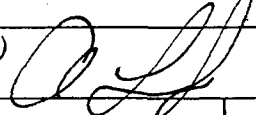
Send Report To Erin Rothman

Company SES

Address 2400 Airport Way S. St 200

City, State, ZIP Seattle WA 98134

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) 

PROJECT NAME/NO.

RAM AuTD / 0576-001-02

PO #

REMARKS

See p3!

GEMS Y / N

Page # 2 of 6

TURNAROUND TIME

- Standard (2 Weeks)
- RUSH

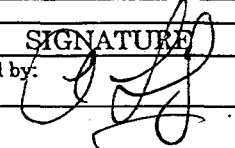
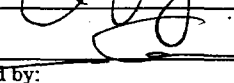
Rush charges authorized by:

SAMPLE DISPOSAL

- Dispose after 30 days
- Return samples
- Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	DEPH	
14		00	14 A.E	10/5/07		Soil	5	X	X	X	X	X	X	
15		00	15 A.E					X	X	X	X	X	X	
16		00	16 A.E					X	X	X	X	X	X	
17		60	17 A.E					X	X	X	X	X	X	
18		60	18 A.E					X	X	X	X	X	X	
19		60	19 A.E					X	X	X	X	X	X	
20		00	20 A.E					X	X	X	X	X	X	
21		00	21 A.E					X	X	X	X	X	X	
22		60	22 A.E					X	X	X	X	X	X	
23		60	23 A.E					X	X	X	X	X	X	
24		00	24 A.E					X	X	X	X	X	X	
25		60	25 A.E					X	X	X	X	X	X	
26		60	26 A.E					X	X	X	X	X	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: 	Andrea Biljeger	SES	10/5/07	1800
Received by: 	Kurt Johnson	F&B	10/5/07	1800
Relinquished by:				
Received by:		Samples received at <u>4</u> °C		

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07

VS4/C05

Send Report To Erin Rothman
 Company _____
 Address See previous
 City, State, ZIP See page
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. RAM A6T0/0570-04-12 PO # _____
 REMARKS See pg 1 GEMS Y/N _____

Page # 3 of 6
TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	Col VOCs by 8260	Col SVOCs by 8270	ORPH	
27		00	27 A-E	10/5/07		Soil	5	X	X	X	X	X	X	
28		00	28 A-E					X	X	X	X	X	X	
29		00	29 A-E					X	X	X	X	X	X	
30		00	30 A-E					X	X	X	X	X	X	
31		00	31 A-E					X	X	X	X	X	X	
32		00	32 A-E					X	X	X	X	X	X	
33		00	33 A-E					X	X	X	X	X	X	
34		00	34 A-E					X	X	X	X	X	X	
35		00	35 A-E					X	X	X	X	X	X	
36		00	36 A-E					X	X	X	X	X	X	
37		00	37 A-E					X	X	X	X	X	X	
38		00	38 A-E					X	X	X	X	X	X	
39		00	39 A-E					X	X	X	X	X	X	

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Andrea Liligro</u>	<u>SES</u>	<u>10/5/07</u>	<u>1800</u>
Received by: <u>[Signature]</u>	<u>Kurt Johnson</u>	<u>F&B</u>	<u>10/5/07</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at <u>4</u> °C		

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07 VS 4/005

Send Report To Erin Rothman
 Company SES
 Address See previous page
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature)	
PROJECT NAME/NO. <u>R409 Auto / 0570-001-02</u>	PO #
REMARKS <u>See PS 1</u>	GEMS Y / N

Page # 4 of 6

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

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	Cd by 8260	Cd by 8270	PCPB Metals	
40		00	40 AE	10/5/07		soil	5	X	X	X	X	X	X	
41		00	41 AE					X	X	X	X	X	X	
42		00	42 AE					X	X	X	X	X	X	
43		00	43 AE					X	X	X	X	X	X	
44		00	44 AE					X	X	X	X	X	X	
45		00	45 AE					X	X	X	X	X	X	
46		60	46 AE					X	X	X	X	X	X	
47		60	47 AE					X	X	X	X	X	X	
48		00	48 AE					X	X	X	X	X	X	
49		00	49 AE					X	X	X	X	X	X	
50		00	50 AE					X	X	X	X	X	X	
51		00	51 AE					X	X	X	X	X	X	
52		00	52 AE					X	X	X	X	X	X	

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	<u>Andreas Liljegren</u>	<u>SES</u>	<u>10/5/07</u>	<u>1800</u>
Received by:	<u>Kurt Johnson</u>	<u>F&D</u>	<u>10/5/07</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at	<u>4 °C</u>	

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07 VS4/C05

Page # 5 of 6

Send Report To Eric Rothman

Company _____

Address See previous page

City, State, ZIP _____

Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. RAM A670 / 0570-001-02 PO # _____

REMARKS See pg 1 GEMS Y / N _____

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	
53		00	53 AE	10/5/07		Soil	5	X	X	X	X	X	X	
54		00	54 AE				1	X	X	X	X	X	X	
55		3.5	55 AE				1	X	X	X	X	X	X	
56		2.5	56 AE				1	X	X	X	X	X	X	
57		2.5	57 AE				1	X	X	X	X	X	X	
58		60	58 AE				1	X	X	X	X	X	X	
59		00	59 AE				1	X	X	X	X	X	X	
60		00	60 AE				1	X	X	X	X	X	X	
61		00	61 AE				1	X	X	X	X	X	X	
62		60	62 AE				1	X	X	X	X	X	X	
63		00	63 AE				1	X	X	X	X	X	X	
64		60	64 AE				1	X	X	X	X	X	X	
65		2.5	65 AE				1	X	X	X	X	X	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
<u>[Signature]</u>	Andrea Lijeska	SES	10/5/07	1800
<u>[Signature]</u>	Kurt Johnson	F&B	10/5/07	1800
Relinquished by:				
Received by:				
Relinquished by:				
Received by:		Samples received at	4 °C	

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07

VS4/C05

6 of 6

Send Report To Erin Rothman
 Company _____
 Address See previous page
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. LAM AHTD / 0570-001-02 PO # _____

REMARKS See p5 1 GEMS Y/N _____

Page # 6 of 6

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

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	PCRA-8 Metals	
66		2.5	66 A-E	10/5/07		Soil	5	X	X	X	X	X	X	
67		60	67 A-E					X	X	X	X	X	X	
68		00	68 A-E					X	X	X	X	X	X	
69		00	69 A-E					X	X	X	X	X	X	
70		00	70 A-E					X	X	X	X	X	X	
71		00	71 A-E					X	X	X	X	X	X	
72		00	72 A-E					X	X	X	X	X	X	
73		00	73 A-E					X	X	X	X	X	X	
74		00	74 A-E					X	X	X	X	X	X	
75		00	75 A-E					X	X	X	X	X	X	
76		60	76 A-E					X	X	X	X	X	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
<u>[Signature]</u>	Andrea Lijegren	SES	10/5/07	1800
<u>[Signature]</u>	Kurt Johnson	F & B	10/5/07	1800
Relinquished by:				
Received by:				
Relinquished by:				
Received by:				
Samples received at <u>4</u> °C				

12AM AUTO 0570-001-02

①

Sample #s (old)

10/5/07 (sample date)

~~10/5/07~~

Sample #s

Sample #s (new)

- 1 ~~160N050E-00~~ 160N050E-00
- 2 150N050E-00
- 3 200N050E-00
- 4 250N050E-00
- 5 300N050E-00
- 6 350N050E-00
- 7 350N100E-00
- 8 300N100E-00
- 9 250N100E-00
- 10 350N150E-00
- 11 300N150E-00
- 12 250N150E-00
- 13 200N150E-00
- 14 150N150E-00
- 15 015N070E-00
- 16 030N070E-00
- 17 045N070E-00
- 18 060N070E-00
- 19 075N070E-00
- 20 090N070E-00
- 21 105N070E-00
- 22 120N070E-00
- 23 135N070E-00
- 24 150N070E-00
- 25 150N085E-00
- 26 135N085E-00
- 27 120N085E-00
- 28 105N085E-00
- 29 090N085E-00
- 30 075N085E-00
- 31 060N085E-00
- 32 045N085E-00
- 33 030N085E-00
- ~~34~~ 015N085E-00

} change GPS location

2

- 35 015N100E
- 36 030N100E
- 37 045N100E
- 38 060N100E
- 39 075N100E
- 40 090N100E
- 41 135N100E
- 42 150N100E
- 43 150N115E
- 44 ~~135~~135N115E
- 45 120N115E
- 46 105N115E
- 47 090N~~115~~115E
- 48 075N115E
- 49 060N115E
- 50 045N115E
- 51 030N115E
- 52 015N115E
- 53 015N130E.
- 54 030N130E-00
- 55 045N130E-~~00~~3.5
- 56 060N130E-~~00~~2.5
- 57 075N130E-~~00~~2.5
- 58 090N130E-00
- 59 105N130E-00
- 60 120N130E-00
- 61 135N130E-00
- 62 150N130E-00
- 63 015N145E-00
- 64 030N145E-00
- 65 045N145E-2.5
- 66 060N145E-2.5
- 67 075N145E-2.5
- 68 090N145E-00

3

~~68~~

~~69~~

69 105N145E-00

70 105N160E-00

71 090N160E-00

72 075N160E-00

73 068~~000~~N160E-00

74 045N160E-00

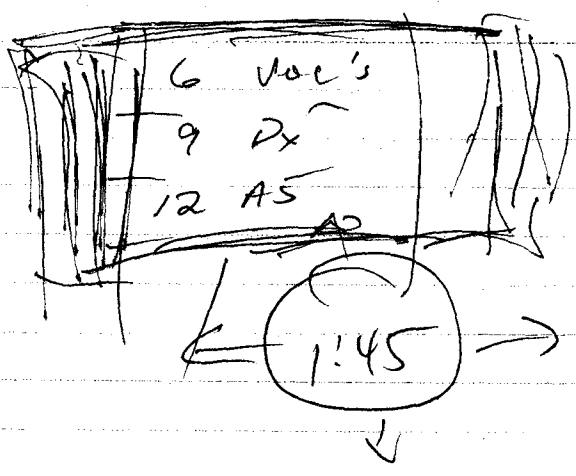
75 030N160E-00

76 015N160E-00

~~77~~

~~78~~

~~79~~



Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb** - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc** - The compound is a common laboratory and field contaminant.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

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

April 3, 2008

John Funderburk and Erin Rothman, Project Managers
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Funderburk and Ms. Rothman:

Included are the amended report from the testing of material submitted on October 5, 2007 from the SOU_0570-001-02_20071005, F&BI 710104 project. The sample 015N070E-00 has been corrected from 150N150E-00.

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
SOU1018R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 5, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20071005, F&BI 710104 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
710104-01	160N050E-00
710104-02	150N050E-00
710104-03	200N050E-00
710104-04	250N050E-00
710104-05	300N050E-00
710104-06	350N050E-00
710104-07	350N100E-00
710104-08	300N100E-00
710104-09	250N100E-00
710104-10	350N150E-00
710104-11	300N150E-00
710104-12	250N150E-00
710104-13	200N150E-00
710104-14	015N070E-00
710104-15	015N150E-00
710104-16	030N070E-00
710104-17	045N070E-00
710104-18	060N070E-00
710104-19	075N070E-00
710104-20	090N070E-00
710104-21	105N070E-00
710104-22	120N070E-00
710104-23	135N070E-00
710104-24	150N070E-00
710104-25	150N085E-00
710104-26	135N085E-00
710104-27	120N085E-00
710104-28	105N085E-00
710104-29	090N085E-00
710104-30	075N085E-00
710104-31	060N085E-00
710104-32	045N085E-00
710104-33	030N085E-00
710104-34	015N085E-00
710104-35	015N100E
710104-36	030N100E
710104-37	045N100E
710104-38	060N100E

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	015N070E-00	Client:	Sound Environmental Strategies
Date Received:	10/05/07	Project:	SOU_0570-001-02_20071005
Date Extracted:	10/10/07	Lab ID:	710104-14
Date Analyzed:	10/10/07	Data File:	710104-14.046
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	85	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.97
Lead	46.1

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07 vsy/cos

Send Report To Erin Rothman
 Company SES
 Address 2400 Airport Way S, Ste 200
 City, State, ZIP Seattle, WA 98148
 Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. DAM AUTO / 0570-001-02 PO #
 REMARKS. 1 VOA in each set has been labeled. other 3 not. Call w/ question. GEMS Y / N

Page # 1 of 6
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	Cd	Lead	SVOCs by 8276	ORPH	
1	1	00	01 A-E	10/4/07	0745	Soil	5	X	X	X	X	X	X	X	
2	2	00	02 A-E	10/4/07	0750			X	X	X	X	X	X	X	
3		00	03 A-E		0800			X	X	X	X	X	X	X	
4		00	04 A-E		0805			X	X	X	X	X	X	X	
5		00	05 A-E		0820			X	X	X	X	X	X	X	
6		00	06 A-E		0840			X	X	X	X	X	X	X	
7		00	07 A-E		0855			X	X	X	X	X	X	X	
8		00	08 A-E		0915			X	X	X	X	X	X	X	
9		00	09 A-E		0930			X	X	X	X	X	X	X	
10		00	10 A-E	10/5/07				X	X	X	X	X	X	X	
11		00	11 A-E					X	X	X	X	X	X	X	
12		00	12 A-E					X	X	X	X	X	X	X	
13		00	13 A-E					X	X	X	X	X	X	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: <u>[Signature]</u>	<u>Andree Litjegen</u>	<u>SES</u>	<u>10/5/07</u>	<u>1800</u>
Received by: <u>[Signature]</u>	<u>[Signature]</u>	<u>F&B</u>	<u>10/5/07</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at	<u>4</u> °C	

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07

VS4/C05

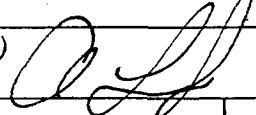
Send Report To Erin Rothman

Company SES

Address 2400 Airport Way S. St 200

City, State, ZIP Seattle WA 98134

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) 

PROJECT NAME/NO.

RAM AuTD / 0576-001-02

PO #

REMARKS

See p3!

GEMS Y / N

Page # 2 of 6

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

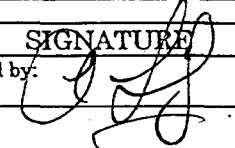
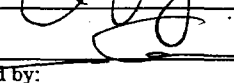
Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	cd VOC's by 8260	Ld SVOC's by 8270	DEPH REPA-8-Metals	
14		00	14 A.E	10/5/07		Soil	5	X	X	X	X	X	X	
15		00	15 A.E					X	X	X	X	X	X	
16		00	16 A.E					X	X	X	X	X	X	
17		60	17 A.E					X	X	X	X	X	X	
18		60	18 A.E					X	X	X	X	X	X	
19		60	19 A.E					X	X	X	X	X	X	
20		00	20 A.E					X	X	X	X	X	X	
21		00	21 A.E					X	X	X	X	X	X	
22		60	22 A.E					X	X	X	X	X	X	
23		60	23 A.E					X	X	X	X	X	X	
24		00	24 A.E					X	X	X	X	X	X	
25		60	25 A.E					X	X	X	X	X	X	
26		60	26 A.E					X	X	X	X	X	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: 	Andrea Biljeger	SES	10/5/07	1800
Received by: 	Kurt Johnson	F&B	10/5/07	1800
Relinquished by:				
Received by:		Samples received at <u>4</u> °C		

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07

VS4/C05

Send Report To Erin Rothman
 Company _____
 Address See previous
 City, State, ZIP See page
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. RAM A6T0/0570-04-12 PO # _____
 REMARKS See pg 1 GEMS Y/N _____

Page # 3 of 6
TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	Col VOCs by 8260	Col SVOCs by 8270	ORPH	
27		00	27 A-E	10/5/07		Soil	5	X	X	X	X	X	X	
28		00	28 A-E					X	X	X	X	X	X	
29		00	29 A-E					X	X	X	X	X	X	
30		00	30 A-E					X	X	X	X	X	X	
31		00	31 A-E					X	X	X	X	X	X	
32		00	32 A-E					X	X	X	X	X	X	
33		00	33 A-E					X	X	X	X	X	X	
34		00	34 A-E					X	X	X	X	X	X	
35		00	35 A-E					X	X	X	X	X	X	
36		00	36 A-E					X	X	X	X	X	X	
37		00	37 A-E					X	X	X	X	X	X	
38		00	38 A-E					X	X	X	X	X	X	
39		00	39 A-E					X	X	X	X	X	X	

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 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
<u>[Signature]</u>	Andre Liljgren	SES	10/5/07	1800
<u>[Signature]</u>	Kurt Johnson	F&B	10/5/07	1800
Relinquished by:				
Received by:				
Relinquished by:				
Received by:		Samples received at	4	°C

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07 VS 4/005

Send Report To Erin Rothman
 Company SES
 Address See previous page
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. R409 Auto / 0570-001-02 PO # _____
 REMARKS See PS 1 GEMS Y / N _____

Page # 4 of 6
TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	Cd by 8260	Cd by 8270	SVOC's by 8270	
40		00	40 AE	10/5/07		Soil	5	X	X	X	X	X	X	
41		00	41 AE					X	X	X	X	X	X	
42		00	42 AE					X	X	X	X	X	X	
43		00	43 AE					X	X	X	X	X	X	
44		00	44 AE					X	X	X	X	X	X	
45		00	45 AE					X	X	X	X	X	X	
46		60	46 AE					X	X	X	X	X	X	
47		60	47 AE					X	X	X	X	X	X	
48		00	48 AE					X	X	X	X	X	X	
49		00	49 AE					X	X	X	X	X	X	
50		00	50 AE					X	X	X	X	X	X	
51		00	51 AE					X	X	X	X	X	X	
52		00	52 AE					X	X	X	X	X	X	

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 Seattle, WA 98119-2029
 Ph. (206) 285-8282
 Fax (206) 283-5044

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Andreas Liljegren</u>	<u>SES</u>	<u>10/5/07</u>	<u>1800</u>
Received by: <u>[Signature]</u>	<u>Kurt Johnson</u>	<u>F&D</u>	<u>10/5/07</u>	<u>1800</u>
Relinquished by:				
Received by:		Samples received at	<u>4 °C</u>	

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07 VS4/C05

Page # 5 of 6

Send Report To Eric Rothman
 Company _____
 Address See previous page
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. RAM A670 / 0570-001-02 PO # _____
 REMARKS See pg 1 GEMS Y / N

TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	
53		00	53 AE	10/5/07		Soil	5	X	X	X	X	X	X	
54		00	54 AE				1	X	X	X	X	X	X	
55		3.5	55 AE				1	X	X	X	X	X	X	
56		2.5	56 AE				1	X	X	X	X	X	X	
57		2.5	57 AE				1	X	X	X	X	X	X	
58		60	58 AE				1	X	X	X	X	X	X	
59		00	59 AE				1	X	X	X	X	X	X	
60		00	60 AE				1	X	X	X	X	X	X	
61		00	61 AE				1	X	X	X	X	X	X	
62		60	62 AE				1	X	X	X	X	X	X	
63		00	63 AE				1	X	X	X	X	X	X	
64		60	64 AE				1	X	X	X	X	X	X	
65		2.5	65 AE				1	X	X	X	X	X	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
<u>[Signature]</u>	Andrea Lijeska	SES	10/5/07	1800
<u>[Signature]</u>	Kurt Johnson	F&B	10/5/07	1800
Relinquished by:				
Received by:				
Relinquished by:				
Received by:		Samples received at	4 °C	

710104

SAMPLE CHAIN OF CUSTODY

ME 10/5/07

VS4/C05

6 of 6

Send Report To Erin Rothman
 Company _____
 Address See previous page
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) [Signature]

PROJECT NAME/NO. LAM AHTD / 0570-001-02 PO # _____

REMARKS See p5 1 GEMS Y/N _____

Page # 6 of 6

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

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

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	PCRA-8 Metals	
66		2.5	66 A-E	10/5/07		Soil	5	X	X	X	X	X	X	
67		60	67 A-E					X	X	X	X	X	X	
68		00	68 A-E					X	X	X	X	X	X	
69		00	69 A-E					X	X	X	X	X	X	
70		00	70 A-E					X	X	X	X	X	X	
71		00	71 A-E					X	X	X	X	X	X	
72		00	72 A-E					X	X	X	X	X	X	
73		00	73 A-E					X	X	X	X	X	X	
74		00	74 A-E					X	X	X	X	X	X	
75		00	75 A-E					X	X	X	X	X	X	
76		60	76 A-E					X	X	X	X	X	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
<u>[Signature]</u>	Andrea Lijegren	SES	10/5/07	1800
<u>[Signature]</u>	Kurt Johnson	F & B	10/5/07	1800
Relinquished by:				
Received by:				
Relinquished by:				
Received by:		Samples received at	4	°C

12AM AUTO 0970-001-02

①

Sample #s (old)

10/5/07 (sample date)

~~10/5/07~~ Sample #s Sample #s (new)

- 1 ~~160N050E-00~~ 160N050E-00
- 2 150N050E-00
- 3 200N050E-00
- 4 250N050E-00
- 5 300N050E-00
- 6 350N050E-00
- 7 350N100E-00
- 8 300N100E-00
- 9 250N100E-00
- 10 350N150E-00
- 11 300N150E-00
- 12 250N150E-00
- 13 200N150E-00
- 14 150N150E-00
- 15 015N070E-00
- 16 030N070E-00
- 17 045N070E-00
- 18 060N070E-00
- 19 075N070E-00
- 20 090N070E-00
- 21 105N070E-00
- 22 120N070E-00
- 23 135N070E-00
- 24 150N070E-00
- 25 150N085E-00
- 26 135N085E-00
- 27 120N085E-00
- 28 105N085E-00
- 29 090N085E-00
- 30 075N085E-00
- 31 060N085E-00
- 32 045N085E-00
- 33 030N085E-00
- ~~34~~ 015N085E-00

} change GPS location

2

- 35 015N100E
- 36 030N100E
- 37 045N100E
- 38 060N100E
- 39 075N100E
- 40 090N100E
- 41 135N100E
- 42 150N100E
- 43 150N115E
- 44 ~~135~~135N115E
- 45 120N115E
- 46 105N115E
- 47 090N~~115~~115E
- 48 075N115E
- 49 060N115E
- 50 045N115E
- 51 030N115E
- 52 015N115E
- 53 015N130E.
- 54 030N130E-00
- 55 045N130E-~~00~~3.5
- 56 060N130E-~~00~~2.5
- 57 075N130E-~~00~~2.5
- 58 090N130E-00
- 59 105N130E-00
- 60 120N130E-00
- 61 135N130E-00
- 62 150N130E-00
- 63 015N145E-00
- 64 030N145E-00
- 65 045N145E-2.5
- 66 060N145E-2.5
- 67 075N145E-2.5
- 68 090N145E-00

3

~~68~~

~~69~~

69 105N145E-00

70 105N160E-00

71 090N160E-00

72 075N160E-00

73 ~~060N~~ 068N160E-00

74 045N160E-00

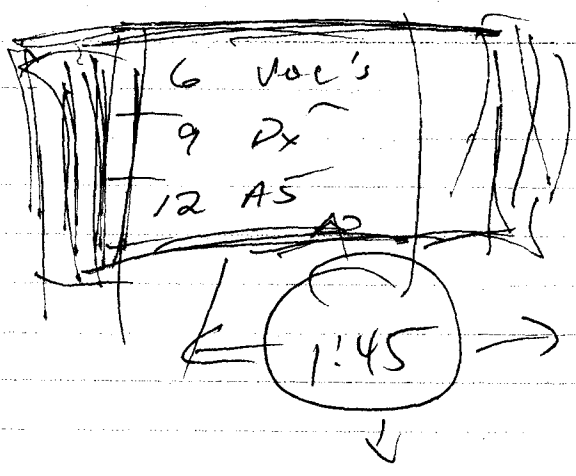
75 030N160E-00

76 015N160E-00

~~77~~

~~78~~

~~79~~



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 29, 2007

Erin Rothman and John Funderburk, Project Managers
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Ms. Rothman and Mr. Funderburk:

Included are the results from the testing of material submitted on October 22, 2007 from the SOU_0570-001-03_20071022, F&BI 710278 project. There are 6 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
SOU1029R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 22, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-03_20071022, F&BI 710278 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID
710278-01

Sound Environmental Strategies
IP01-50'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/22/07

Project: SOU_0570-001-03_20071022, F&BI 710278

Date Extracted: 10/23/07

Date Analyzed: 10/23/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
IP01-50' 710278-01	<0.02	<0.02	<0.02	<0.06	<2	84
Method Blank	<0.02	<0.02	<0.02	<0.06	<2	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/22/07

Project: SOU_0570-001-03_20071022, F&BI 710278

Date Extracted: 10/22/07

Date Analyzed: 10/22/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
IP01-50' 710278-01	<50	<250	119
Method Blank	<50	<250	105

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/22/07

Project: SOU_0570-001-03_20071022, F&BI 710278

**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: 710268-03 (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	86	70-130
Toluene	mg/kg (ppm)	0.5	86	70-130
Ethylbenzene	mg/kg (ppm)	0.5	92	70-130
Xylenes	mg/kg (ppm)	1.5	89	70-130
Gasoline	mg/kg (ppm)	20	99	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/22/07

Project: SOU_0570-001-03_20071022, F&BI 710278

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

Laboratory Code: 710270-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	101	103	69-125	2

Laboratory Code: Laboratory Control Sample

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

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb** - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc** - The compound is a common laboratory and field contaminant.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
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October 29, 2007

John Funderburk and Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Funderburk and Ms. Rothman:

Included are the results from the testing of material submitted on October 23, 2007 from the SOU_0570-001-03_20071023, F&BI 710289 project. There are 12 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
SOU1029R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on October 23, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-03_20071023, F&BI 710289 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
710289-01	IP02-49'
710289-02	IP02-56'

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

Date Extracted: 10/23/07

Date Analyzed: 10/23/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Gasoline Range</u>	Surrogate (% Recovery) (Limit 50-150)
IP02-49' 710289-01	<2	113
IP02-56' 710289-02	<2	129
Method Blank	<2	116

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

Date Extracted: 10/23/07

Date Analyzed: 10/23/07

**RESULTS FROM THE ANALYSIS OF THE SOIL SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL**

USING METHOD NWTPH-Dx

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
IP02-49' 710289-01	<50	<250	94
IP02-56' 710289-02	<50	<250	96
Method Blank	<50	<250	93

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	IP02-49'	Client:	Sound Environmental Strategies
Date Received:	10/23/07	Project:	SOU_0570-001-03_20071023
Date Extracted:	10/23/07	Lab ID:	710289-01
Date Analyzed:	10/23/07	Data File:	102308.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	83	32	147
1,2-Dichloroethane-d4	94	35	150
Toluene-d8	88	35	149
4-Bromofluorobenzene	88	42	164

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	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
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	IP02-56'	Client:	Sound Environmental Strategies
Date Received:	10/23/07	Project:	SOU_0570-001-03_20071023
Date Extracted:	10/23/07	Lab ID:	710289-02
Date Analyzed:	10/23/07	Data File:	102309.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	78	32	147
1,2-Dichloroethane-d4	88	35	150
Toluene-d8	80	35	149
4-Bromofluorobenzene	79	42	164

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	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
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Volatile Compounds By EPA Method 8260B

Client Sample ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	SOU_0570-001-03_20071023
Date Extracted:	10/23/07	Lab ID:	071653 mb
Date Analyzed:	10/23/07	Data File:	102306.D
Matrix:	Soil	Instrument:	GCMS5
Units:	mg/kg (ppm)	Operator:	MB

Surrogates:	% Recovery:	Lower Limit:	Upper Limit:
Dibromofluoromethane	86	32	147
1,2-Dichloroethane-d4	92	35	150
Toluene-d8	93	35	149
4-Bromofluorobenzene	108	42	164

Compounds:	Concentration mg/kg (ppm)	Compounds:	Concentration mg/kg (ppm)
Dichlorodifluoromethane	<0.5	Tetrachloroethene	<0.025
Chloromethane	<0.05	Dibromochloromethane	<0.05
Vinyl chloride	<0.05	1,2-Dibromoethane (EDB)	<0.05
Bromomethane	<0.5	Chlorobenzene	<0.05
Chloroethane	<0.5	Ethylbenzene	<0.05
Trichlorofluoromethane	<0.5	1,1,1,2-Tetrachloroethane	<0.05
Acetone	<0.5	m,p-Xylene	<0.1
1,1-Dichloroethene	<0.05	o-Xylene	<0.05
Methylene chloride	<0.5	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
1,3-Dichloropropane	<0.05		

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

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

Laboratory Code: 710268-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference (Limit 20)
Gasoline	mg/kg (ppm)	<2	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Gasoline	mg/kg (ppm)	20	99	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

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

Laboratory Code: 710290-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	108	110	50-150	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	102	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

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

Laboratory Code: 710303-01 (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
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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

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

Laboratory Code: 710292-02 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	<0.05	77	24-139
Chloromethane	mg/kg (ppm)	2.5	<0.05	79	30-153
Vinyl chloride	mg/kg (ppm)	2.5	<0.05	89	41-150
Bromomethane	mg/kg (ppm)	2.5	<0.5	110	54-150
Chloroethane	mg/kg (ppm)	2.5	<0.5	89	36-161
Trichlorofluoromethane	mg/kg (ppm)	2.5	<0.5	95	46-164
Acetone	mg/kg (ppm)	2.5	<0.5	101	47-157
1,1-Dichloroethene	mg/kg (ppm)	2.5	<0.05	85	22-144
Methylene chloride	mg/kg (ppm)	2.5	<0.5	76	38-149
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	53-138
1,1-Dichloroethane	mg/kg (ppm)	2.5	<0.05	94	65-125
2,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	97	26-153
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	<0.05	93	59-140
Chloroform	mg/kg (ppm)	2.5	<0.05	94	67-126
2-Butanone (MEK)	mg/kg (ppm)	2.5	<0.5	112	40-160
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	<0.05	94	68-127
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	<0.05	95	61-134
1,1-Dichloropropene	mg/kg (ppm)	2.5	<0.05	91	59-128
Carbon Tetrachloride	mg/kg (ppm)	2.5	<0.05	96	54-138
Benzene	mg/kg (ppm)	2.5	<0.03	92	61-129
Trichloroethene	mg/kg (ppm)	2.5	<0.03	93	61-132
1,2-Dichloropropane	mg/kg (ppm)	2.5	<0.05	97	69-129
Bromodichloromethane	mg/kg (ppm)	2.5	<0.05	98	56-138
Dibromomethane	mg/kg (ppm)	2.5	<0.05	97	65-135
4-Methyl-2-pentanone	mg/kg (ppm)	2.5	<0.5	101	62-145
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	100	63-134
Toluene	mg/kg (ppm)	2.5	<0.05	97	59-137
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	<0.05	107	67-133
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	<0.05	96	71-130
2-Hexanone	mg/kg (ppm)	2.5	<0.5	106	56-157
1,3-Dichloropropane	mg/kg (ppm)	2.5	<0.05	99	71-128
Tetrachloroethene	mg/kg (ppm)	2.5	<0.025	95	63-131
Dibromochloromethane	mg/kg (ppm)	2.5	<0.05	103	58-132
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	<0.05	100	71-132
Chlorobenzene	mg/kg (ppm)	2.5	<0.05	93	65-125
Ethylbenzene	mg/kg (ppm)	2.5	<0.05	96	69-130
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	99	69-129
m,p-Xylene	mg/kg (ppm)	5	<0.1	97	67-134
o-Xylene	mg/kg (ppm)	2.5	<0.05	97	73-130
Styrene	mg/kg (ppm)	2.5	<0.05	99	68-127
Isopropylbenzene	mg/kg (ppm)	2.5	<0.05	98	50-147
Bromoform	mg/kg (ppm)	2.5	<0.05	89	50-142
n-Propylbenzene	mg/kg (ppm)	2.5	<0.05	97	70-129
Bromobenzene	mg/kg (ppm)	2.5	<0.05	95	69-132
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	97	71-129
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	<0.05	94	64-138
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	<0.05	96	66-133
2-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	94	69-125
4-Chlorotoluene	mg/kg (ppm)	2.5	<0.05	94	68-126
tert-Butylbenzene	mg/kg (ppm)	2.5	<0.05	98	70-128
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	<0.05	95	71-130
sec-Butylbenzene	mg/kg (ppm)	2.5	<0.05	97	58-136
p-Isopropyltoluene	mg/kg (ppm)	2.5	<0.05	99	70-131
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	94	70-125
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	90	69-121
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	<0.05	95	68-128
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	<0.05	106	55-151
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	<0.1	98	64-135
Hexachlorobutadiene	mg/kg (ppm)	2.5	<0.1	99	55-145
Naphthalene	mg/kg (ppm)	2.5	<0.05	101	53-155
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	<0.1	104	55-152

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 10/29/07

Date Received: 10/23/07

Project: SOU_0570-001-03_20071023, F&BI 710289

**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	Acceptance Criteria
Dichlorodifluoromethane	mg/kg (ppm)	2.5	112	29-163
Chloromethane	mg/kg (ppm)	2.5	107	28-147
Vinyl chloride	mg/kg (ppm)	2.5	112	38-143
Bromomethane	mg/kg (ppm)	2.5	137	32-163
Chloroethane	mg/kg (ppm)	2.5	124	10-165
Trichlorofluoromethane	mg/kg (ppm)	2.5	128	22-167
Acetone	mg/kg (ppm)	2.5	118	20-172
1,1-Dichloroethene	mg/kg (ppm)	2.5	107	42-140
Methylene chloride	mg/kg (ppm)	2.5	87	53-137
trans-1,2-Dichloroethene	mg/kg (ppm)	2.5	111	70-122
1,1-Dichloroethane	mg/kg (ppm)	2.5	111	77-114
2,2-Dichloropropane	mg/kg (ppm)	2.5	111	65-135
cis-1,2-Dichloroethene	mg/kg (ppm)	2.5	108	77-120
Chloroform	mg/kg (ppm)	2.5	108	76-117
2-Butanone (MEK)	mg/kg (ppm)	2.5	127	52-153
1,2-Dichloroethane (EDC)	mg/kg (ppm)	2.5	111	76-116
1,1,1-Trichloroethane	mg/kg (ppm)	2.5	111	79-120
1,1-Dichloropropene	mg/kg (ppm)	2.5	104	76-123
Carbon Tetrachloride	mg/kg (ppm)	2.5	110	75-126
Benzene	mg/kg (ppm)	2.5	106	76-118
Trichloroethene	mg/kg (ppm)	2.5	106	75-121
1,2-Dichloropropane	mg/kg (ppm)	2.5	110	78-123
Bromodichloromethane	mg/kg (ppm)	2.5	113	79-126
Dibromomethane	mg/kg (ppm)	2.5	113	79-121
4-Methyl-2-pentanone	mg/kg (ppm)	2.5	117	52-151
cis-1,3-Dichloropropene	mg/kg (ppm)	2.5	115	80-127
Toluene	mg/kg (ppm)	2.5	102	76-122
trans-1,3-Dichloropropene	mg/kg (ppm)	2.5	112	80-126
1,1,2-Trichloroethane	mg/kg (ppm)	2.5	101	77-121
2-Hexanone	mg/kg (ppm)	2.5	113	67-126
1,3-Dichloropropane	mg/kg (ppm)	2.5	104	76-122
Tetrachloroethene	mg/kg (ppm)	2.5	100	77-124
Dibromochloromethane	mg/kg (ppm)	2.5	112	73-127
1,2-Dibromoethane (EDB)	mg/kg (ppm)	2.5	106	78-126
Chlorobenzene	mg/kg (ppm)	2.5	100	79-113
Ethylbenzene	mg/kg (ppm)	2.5	103	77-120
1,1,1,2-Tetrachloroethane	mg/kg (ppm)	2.5	106	79-125
m,p-Xylene	mg/kg (ppm)	5	104	79-121
o-Xylene	mg/kg (ppm)	2.5	106	80-123
Styrene	mg/kg (ppm)	2.5	108	81-124
Isopropylbenzene	mg/kg (ppm)	2.5	108	79-123
Bromoform	mg/kg (ppm)	2.5	100	65-124
n-Propylbenzene	mg/kg (ppm)	2.5	103	77-123
Bromobenzene	mg/kg (ppm)	2.5	100	78-122
1,3,5-Trimethylbenzene	mg/kg (ppm)	2.5	103	79-123
1,1,2,2-Tetrachloroethane	mg/kg (ppm)	2.5	98	73-121
1,2,3-Trichloropropane	mg/kg (ppm)	2.5	101	69-123
2-Chlorotoluene	mg/kg (ppm)	2.5	100	77-120
4-Chlorotoluene	mg/kg (ppm)	2.5	100	77-121
tert-Butylbenzene	mg/kg (ppm)	2.5	105	77-124
1,2,4-Trimethylbenzene	mg/kg (ppm)	2.5	102	78-123
sec-Butylbenzene	mg/kg (ppm)	2.5	103	77-122
p-Isopropyltoluene	mg/kg (ppm)	2.5	106	79-126
1,3-Dichlorobenzene	mg/kg (ppm)	2.5	100	78-119
1,4-Dichlorobenzene	mg/kg (ppm)	2.5	95	77-114
1,2-Dichlorobenzene	mg/kg (ppm)	2.5	101	78-120
1,2-Dibromo-3-chloropropane	mg/kg (ppm)	2.5	110	66-133
1,2,4-Trichlorobenzene	mg/kg (ppm)	2.5	105	71-129
Hexachlorobutadiene	mg/kg (ppm)	2.5	107	65-134
Naphthalene	mg/kg (ppm)	2.5	105	51-158
1,2,3-Trichlorobenzene	mg/kg (ppm)	2.5	108	37-182

Data Qualifiers & Definitions

- a** - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1** - More than one compound of similar molecule structure was identified with equal probability.
- b** - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca** - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c** - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d** - The sample was diluted. Detection limits may be raised due to dilution.
- ds** - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv** - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb** - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc** - The compound is a common laboratory and field contaminant.
- fp** - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.
- 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.
- 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.

710289

SAMPLE CHAIN OF CUSTODY

ME 10/23/07

VS1/DO2

Send Report To John Funderburk / Erin Rothman
 Company SES
 Address 2400 Airport Way S. Ste 200
 City, State, ZIP Seattle, WA 98134
 Phone # 206.306.1900 Fax # 206.306.1907

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. RAM Auto PO #
0570-009-03
 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	Location ID	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSIS REQUESTED							Notes	
							NWTPH-Dx	Silica Gel by 3630	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals		PCBs by 8082
IP02-49'	IP02	01 A-E	20071022	1115	Soil	5	X		X		X				
IP02-56'	IP02	02 A-E	20071022	1130	Soil	5	X		X		X				

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>[Signature]</u>	<u>Pete Kingston</u>	<u>SES</u>	<u>10/23/07</u>	<u>0932</u>
Received by: <u>[Signature]</u>	<u>Melissa VO</u>	<u>Friedman & Bruya</u>	<u>11</u>	<u>11</u>
Relinquished by:				
Received by:				

Samples received at 4 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
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3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 21, 2007

John Funderburk and Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Funderburk and Ms. Rothman:

Included are the results from the testing of material submitted on November 8, 2007 from the SOU_0570-001-02_20071108, F&BI 711138 project. There are 38 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
SOU1121R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 8, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20071108, F&BI 711138 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
711138-01	075N160E-0.5
711138-02	090N160E-0.5
711138-03	105N160E-0.5
711138-04	120N130E-0.5
711138-05	150N120E-0.5
711138-06	150N100E-0.5
711138-07	150N070E-0.5
711138-08	135N070E-0.5
711138-09	120N070E-0.5
711138-10	120N085E-0.5
711138-11	135N085E-0.5
711138-12	105N085E-0.5
711138-13	120N115E-0.5
711138-14	135N115E-0.5
711138-15	090N145E-0.5
711138-16	135N100E-0.5
711138-17	090N100E-0.5
711138-18	250N050E-0.5
711138-19	300N050E-0.5
711138-20	350N050E-0.5
711138-21	250N100E-0.5
711138-22	300N100E-0.5
711138-23	350N150E-0.5
711138-24	Area5-SP03
711138-25	Area5-SP04
711138-26	Area5-SP05
711138-27	Area5-SP06

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

Date Extracted: 11/09/07

Date Analyzed: 11/10/07 and 11/14/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
075N160E-0.5 711138-01	<50	<250	97
090N160E-0.5 711138-02	<50	<250	95
105N160E-0.5 711138-03	<50	<250	89
120N130E-0.5 711138-04	10,000	1,500 y	99
150N120E-0.5 711138-05	<50	<250	104
150N100E-0.5 711138-06	<50	<250	95
150N070E-0.5 711138-07	<50	<250	99
135N070E-0.5 711138-08	84 x	390	82
120N070E-0.5 711138-09	<50	<250	96
120N085E-0.5 711138-10	87 x	360	90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

Date Extracted: 11/09/07

Date Analyzed: 11/10/07 and 11/14/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
135N085E-0.5 711138-11	380 x	1,900	104
105N085E-0.5 711138-12	<50	<250	96
120N115E-0.5 711138-13	490 x	980	88
135N115E-0.5 711138-14	<50	<250	97
090N145E-0.5 711138-15	<50	<250	102
135N100E-0.5 711138-16	680 x	3,600	104
090N100E-0.5 711138-17	<50	<250	97
250N050E-0.5 711138-18	<50	<250	96
300N050E-0.5 711138-19	<50	<250	94
350N050E-0.5 711138-20	<50	<250	88

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

Date Extracted: 11/09/07

Date Analyzed: 11/10/07 and 11/14/07

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

Results Reported on a Dry Weight Basis

Results Reported as mg/kg (ppm)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 67-127)
250N100E-0.5 711138-21	<50	<250	94
300N100E-0.5 711138-22	<50	<250	95
350N150E-0.5 711138-23	<50	<250	98
Area5-SP03 711138-24	200 x	710	100
Area5-SP04 711138-25	190 x	780	102
Area5-SP05 711138-26	180 x	690	97
Area5-SP06 711138-27	190 x	710	100
Method Blank	<50	<250	94
Method Blank	<50	<250	94

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N160E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-01
Date Analyzed:	11/13/07	Data File:	711138-01.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	6.21

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N160E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-02
Date Analyzed:	11/13/07	Data File:	711138-02.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	102	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N160E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-03
Date Analyzed:	11/13/07	Data File:	711138-03.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.52

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N130E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-04
Date Analyzed:	11/13/07	Data File:	711138-04.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	102	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	42.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N120E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-05
Date Analyzed:	11/13/07	Data File:	711138-05.024
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	7.78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-06
Date Analyzed:	11/13/07	Data File:	711138-06.025
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	98	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.25
Lead	139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N070E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-07
Date Analyzed:	11/13/07	Data File:	711138-07.026
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.37

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N070E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-08
Date Analyzed:	11/13/07	Data File:	711138-08.027
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	71.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N070E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-09
Date Analyzed:	11/13/07	Data File:	711138-09.028
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	19.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N085E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-10
Date Analyzed:	11/13/07	Data File:	711138-10.030
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.60
Lead	178

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N085E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-11
Date Analyzed:	11/13/07	Data File:	711138-11.031
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	111	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.46
Lead	339

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N085E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-12
Date Analyzed:	11/13/07	Data File:	711138-12.032
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	91	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.12
Lead	76.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N115E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-13
Date Analyzed:	11/13/07	Data File:	711138-13.033
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.10
Lead	94.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N115E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-14
Date Analyzed:	11/13/07	Data File:	711138-14.098
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.66
Lead	57.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N145E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-15
Date Analyzed:	11/13/07	Data File:	711138-15.100
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	4.30

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-16
Date Analyzed:	11/13/07	Data File:	711138-16.101
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.13
Lead	484

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-17
Date Analyzed:	11/13/07	Data File:	711138-17.104
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	102	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	2.18

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N050E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-18
Date Analyzed:	11/13/07	Data File:	711138-18.105
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	101	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	1.43

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N050E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-19
Date Analyzed:	11/13/07	Data File:	711138-19.106
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	105	60	125
Bismuth	114	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	5.90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N050E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-20
Date Analyzed:	11/13/07	Data File:	711138-20.107
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	21.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-21
Date Analyzed:	11/13/07	Data File:	711138-21.108
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	103	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	27.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-22
Date Analyzed:	11/13/07	Data File:	711138-22.109
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	100	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<1
Lead	32.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N150E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-23
Date Analyzed:	11/13/07	Data File:	711138-23.111
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	103	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.38
Lead	157

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP03	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-24
Date Analyzed:	11/13/07	Data File:	711138-24.112
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	100	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.98
Lead	294

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP04	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-25
Date Analyzed:	11/13/07	Data File:	711138-25.113
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	101	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	7.60
Lead	676

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP05	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-26
Date Analyzed:	11/13/07	Data File:	711138-26.114
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	94	60	125
Bismuth	106	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.49
Lead	452

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP06	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-27
Date Analyzed:	11/13/07	Data File:	711138-27.115
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	104	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.43
Lead	399

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	I7-415 mb
Date Analyzed:	11/13/07	Data File:	I7-415 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	97	60	125
Bismuth	111	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	NA	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	I7-415 mb
Date Analyzed:	11/13/07	Data File:	I7-415 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	97	60	125
Bismuth	111	60	125

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

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

Laboratory Code: 711138-18 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	100	93	69-125	7

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	90	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

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

Laboratory Code: 711087-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result (Wet wt)	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	<50	91	93	69-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	93	70-127

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

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

Laboratory Code: 711180-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<1	<1	nm	0-20
Lead	mg/kg (ppm)	2.50	4.71	61 a	0-20

Laboratory Code: 711180-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<1	104	50-150
Lead	mg/kg (ppm)	50	2.50	110	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	109	70-130
Lead	mg/kg (ppm)	50	106	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/21/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

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

Laboratory Code: 711138-16 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	5.13	7.45	37 hr	0-20
Lead	mg/kg (ppm)	484	762	45 hr	0-20

Laboratory Code: 711138-16 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	5.13	108 b	50-150
Lead	mg/kg (ppm)	20	484	432 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	105	70-130
Lead	mg/kg (ppm)	20	101	70-130

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

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

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

fp - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.

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.

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.

711138

SAMPLE CHAIN OF CUSTODY

ME 11-8-07

BT3

Send Report To John Funderburk & Erin Rothman
 Company SES
 Address 2400 Airport Way S
 City, State, ZIP Seattle, WA
 Phone # 206-306-1900 Fax #

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. Ram Auto PO # 0570-001-02
 REMARKS GEMS Y/N

Page # 1 of 3
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes
								NWTPH-Dx E	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Lead	Cadmium			
075N160E-0.5		0.5	01	11-7-07	1625	S	1	X								X	X	
090N160E-0.5			02		1630													
105N160E-0.5			03		1635													
120N130E-0.5			04		1615													
150N120E-0.5			05		1620													
150N100E-0.5			06		1600													
150N070E-0.5			07		1520													
135N070E-0.5			08		1525													
120N070E-0.5			09		1530													
120N085E-0.5			10		1545													
135N085E-0.5			11		1550													
105N085E-0.5			12		1535													
120N115E-0.5			13		1610			X							X	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: <u>[Signature]</u>	Beau Johnson	SES	11-8-07	12:20
Received by: <u>[Signature]</u>	Eric Young	FAB	11/8/07	1
Relinquished by:				
Received by:	Samples received at <u>3</u> °C			

711138

SAMPLE CHAIN OF CUSTODY

ME 11-8-07

B13

Page # 2 of 3

Send Report To _____
 Company _____
 Address _____
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. *Ram Auto* PO # *6570-001-02*

REMARKS *SBS* GEMS Y / N

TURNAROUND TIME

Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes
								NWTPH-Dx Extended	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Lead	Cadmium			
135N115E-0.5		0.5	14	11-07-07	1605	S	1	X								X	X	
090N145E-0.5			15		1640													
135N100E-0.5			16		1555													
090N100E-0.5			17		1540													
250N050E-0.5			18		1515													
300N050E-0.5			19		1510													
350N050E-0.5			20		1505													
250N100E-0.5			21		1440													
300N100E-0.5			22		1445													
350N150E-0.5			23		1455													
Area 5 - SP03		0	24		1655													
Area 5 - SP04			25		1700													
Area 5 - SP05			26		1705			X								X	X	

Friedman & Bruya, Inc.
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SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <i>[Signature]</i>	Beau Johnson	SES	11-8-07	12:00
Received by: <i>[Signature]</i>	Eric Young	SES		1
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Morrow, M.S.
Yelena Aravkina, M.S.
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3012 16th Avenue West
Seattle, WA 98119-2029
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December 11, 2007

John Funderburk and Erin Rothman, Project Manager
Sound Environmental Strategies Corporation
2400 Airport Way S., Suite 200
Seattle, WA 98134-2020

Dear Mr. Funderburk and Ms. Rothman:

Included are the amended results from the testing of material submitted on November 8, 2007 from the SOU_0570-001-02_20071108, F&BI 711138 project. There are 33 pages included in this report. Per your request, the Cadmium reporting limit has been lowered to 0.5 ppm.

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
SOU1121R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on November 8, 2007 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570-001-02_20071108, F&BI 711138 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
711138-01	075N160E-0.5
711138-02	090N160E-0.5
711138-03	105N160E-0.5
711138-04	120N130E-0.5
711138-05	150N120E-0.5
711138-06	150N100E-0.5
711138-07	150N070E-0.5
711138-08	135N070E-0.5
711138-09	120N070E-0.5
711138-10	120N085E-0.5
711138-11	135N085E-0.5
711138-12	105N085E-0.5
711138-13	120N115E-0.5
711138-14	135N115E-0.5
711138-15	090N145E-0.5
711138-16	135N100E-0.5
711138-17	090N100E-0.5
711138-18	250N050E-0.5
711138-19	300N050E-0.5
711138-20	350N050E-0.5
711138-21	250N100E-0.5
711138-22	300N100E-0.5
711138-23	350N150E-0.5
711138-24	Area5-SP03
711138-25	Area5-SP04
711138-26	Area5-SP05
711138-27	Area5-SP06

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	075N160E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-01
Date Analyzed:	11/13/07	Data File:	711138-01.020
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	83	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.79
Lead	6.21

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N160E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-02
Date Analyzed:	11/13/07	Data File:	711138-02.021
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	102	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N160E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-03
Date Analyzed:	11/13/07	Data File:	711138-03.022
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	4.52

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N130E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-04
Date Analyzed:	11/13/07	Data File:	711138-04.023
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	102	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.56
Lead	42.8

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N120E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-05
Date Analyzed:	11/13/07	Data File:	711138-05.024
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.77
Lead	7.78

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-06
Date Analyzed:	11/13/07	Data File:	711138-06.025
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	98	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.25
Lead	139

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	150N070E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-07
Date Analyzed:	11/13/07	Data File:	711138-07.026
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	93	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.51
Lead	4.37

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N070E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-08
Date Analyzed:	11/13/07	Data File:	711138-08.027
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	84	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.94
Lead	71.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N070E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-09
Date Analyzed:	11/13/07	Data File:	711138-09.028
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	87	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.70
Lead	19.5

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N085E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-10
Date Analyzed:	11/13/07	Data File:	711138-10.030
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.60
Lead	178

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N085E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-11
Date Analyzed:	11/13/07	Data File:	711138-11.031
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	92	60	125
Bismuth	111	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.46
Lead	339

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	105N085E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-12
Date Analyzed:	11/13/07	Data File:	711138-12.032
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	82	60	125
Bismuth	91	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.12
Lead	76.9

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	120N115E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-13
Date Analyzed:	11/13/07	Data File:	711138-13.033
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	81	60	125
Bismuth	94	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.10
Lead	94.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N115E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-14
Date Analyzed:	11/13/07	Data File:	711138-14.098
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	97	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	1.66
Lead	57.4

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N145E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-15
Date Analyzed:	11/13/07	Data File:	711138-15.100
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	96	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	4.30

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	135N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-16
Date Analyzed:	11/13/07	Data File:	711138-16.101
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	5.13
Lead	484

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	090N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-17
Date Analyzed:	11/13/07	Data File:	711138-17.104
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	102	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	2.18

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N050E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-18
Date Analyzed:	11/13/07	Data File:	711138-18.105
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	101	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	1.43

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N050E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-19
Date Analyzed:	11/13/07	Data File:	711138-19.106
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	105	60	125
Bismuth	114	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	5.90

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N050E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-20
Date Analyzed:	11/13/07	Data File:	711138-20.107
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	91	60	125
Bismuth	99	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.62
Lead	21.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	250N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-21
Date Analyzed:	11/13/07	Data File:	711138-21.108
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	103	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	27.1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	300N100E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-22
Date Analyzed:	11/13/07	Data File:	711138-22.109
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	90	60	125
Bismuth	100	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	0.89
Lead	32.3

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	350N150E-0.5	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-23
Date Analyzed:	11/13/07	Data File:	711138-23.111
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	103	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	2.38
Lead	157

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP03	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-24
Date Analyzed:	11/13/07	Data File:	711138-24.112
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	86	60	125
Bismuth	100	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	3.98
Lead	294

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP04	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-25
Date Analyzed:	11/13/07	Data File:	711138-25.113
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	101	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	7.60
Lead	676

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP05	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-26
Date Analyzed:	11/13/07	Data File:	711138-26.114
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	94	60	125
Bismuth	106	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.49
Lead	452

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Area5-SP06	Client:	Sound Environmental Strategies
Date Received:	11/08/07	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	711138-27
Date Analyzed:	11/13/07	Data File:	711138-27.115
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	89	60	125
Bismuth	104	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	4.43
Lead	399

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	I7-415 mb
Date Analyzed:	11/13/07	Data File:	I7-415 mb.008
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	97	60	125
Bismuth	111	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	Sound Environmental Strategies
Date Received:	Not Applicable	Project:	SOU_0570-001-02_20071108
Date Extracted:	11/13/07	Lab ID:	I7-416mb
Date Analyzed:	11/13/07	Data File:	I7-416mb.096
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	HR

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Indium	88	60	125
Bismuth	102	60	125

Analyte:	Concentration mg/kg (ppm)
Cadmium	<0.5
Lead	<1

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

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

Laboratory Code: 711180-03 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	<0.5	<0.5	nm	0-20
Lead	mg/kg (ppm)	2.50	4.71	61 a	0-20

Laboratory Code: 711180-03 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	<0.5	104	50-150
Lead	mg/kg (ppm)	50	2.50	110	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	109	70-130
Lead	mg/kg (ppm)	50	106	70-130

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 12/11/07

Date Received: 11/08/07

Project: SOU_0570-001-02_20071108, F&BI 711138

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

Laboratory Code: 711138-16 (Duplicate)

Analyte	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Cadmium	mg/kg (ppm)	5.13	7.45	37 hr	0-20
Lead	mg/kg (ppm)	484	762	45 hr	0-20

Laboratory Code: 711138-16 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	5.13	108 b	50-150
Lead	mg/kg (ppm)	20	484	432 b	50-150

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Cadmium	mg/kg (ppm)	10	105	70-130
Lead	mg/kg (ppm)	20	101	70-130

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

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

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

fp - Compounds in the sample matrix interfered with quantitation of the analyte. The reported concentration may be a false positive.

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.

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.

711138

SAMPLE CHAIN OF CUSTODY

ME 11-8-07

BT3

Send Report To John Funderburk & Erin Rothman
 Company SES
 Address 2400 Airport Way S
 City, State, ZIP Seattle, WA
 Phone # 206-306-1900 Fax #

SAMPLERS (signature) [Signature]
 PROJECT NAME/NO. Ram Auto PO # 0570-001-02
 REMARKS GEMS Y/N

Page # 1 of 3
 TURNAROUND TIME
 Standard (2 Weeks)
 RUSH
 Rush charges authorized by:
 SAMPLE DISPOSAL
 Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes
								NWTPH-Dx E	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Lead	Cadmium			
075N160E-0.5		0.5	01	11-7-07	1625	S	1	X								X	X	
090N160E-0.5			02		1630													
105N160E-0.5			03		1635													
120N130E-0.5			04		1615													
150N120E-0.5			05		1620													
150N100E-0.5			06		1600													
150N070E-0.5			07		1520													
135N070E-0.5			08		1525													
120N070E-0.5			09		1530													
120N085E-0.5			10		1545													
135N085E-0.5			11		1550													
105N085E-0.5			12		1535													
120N115E-0.5			13		1610			X							X	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: <u>[Signature]</u>	Beau Johnson	SES	11-8-07	12:20
Received by: <u>[Signature]</u>	Eric Young	FAB	11/8/07	1
Relinquished by:				
Received by:	Samples received at <u>3</u> °C			

711138

SAMPLE CHAIN OF CUSTODY

ME 11-8-07

B13

Page # 2 of 3

Send Report To _____
 Company _____
 Address _____
 City, State, ZIP _____
 Phone # _____ Fax # _____

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. *Ram Auto* PO # *6570-001-02*

REMARKS *SBS* GEMS Y / N

TURNAROUND TIME

Standard (2 Weeks)
 RUSH
 Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days
 Return samples
 Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes
								NWTPH-Dx Extended	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Lead	Cadmium			
135N115E-0.5		0.5	14	11-07-07	1605	S	1	X								X	X	
090N145E-0.5			15		1640													
135N100E-0.5			16		1555													
090N100E-0.5			17		1540													
250N050E-0.5			18		1515													
300N050E-0.5			19		1510													
350N050E-0.5			20		1505													
250N100E-0.5			21		1440													
300N100E-0.5			22		1445													
350N150E-0.5			23		1455													
Area 5 - SP03		0	24		1655													
Area 5 - SP04			25		1700													
Area 5 - SP05			26		1705			X								X	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: <i>[Signature]</i>	Beau Johnson	SES	11-8-07	12:00
Received by: <i>[Signature]</i>	Eric Young	SES		1
Relinquished by:				
Received by:				

711138

SAMPLE CHAIN OF CUSTODY

ME 11-08-07

Page # 3 of 3 BT3

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. *Rain Arto* PO # *0570-001-02*

REMARKS *GEMS Y/N*

Send Report To _____

Company _____

Address *See Page 1*

City, State, ZIP _____

Phone # _____ Fax # _____

TURNAROUND TIME

Standard (2 Weeks)

RUSH

Rush charges authorized by: _____

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED										Notes
								NWTPH-Dx <i>Etched</i>	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals	Lead	Cadmium			
<i>Area 5-SPO6</i>		<i>0</i>	<i>27</i>	<i>11-7-07</i>	<i>17:10</i>	<i>S</i>	<i>1</i>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

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
<i>[Signature]</i>	<i>Beau Johnson</i>	<i>SES</i>	<i>11-8-07</i>	<i>12:00</i>
<i>[Signature]</i>	<i>Eric Yonke</i>	<i>ERB</i>	<i>11/8/07</i>	<i>1</i>
Received by:				
		Samples received at <i>3</i> °C		

Groundwater Analytical Reports

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

September 20, 2010

Brian Dixon, Project Manager
Sound Environmental Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included are the results from the testing of material submitted on September 8, 2010 from the SOU_0570_20100908, F&BI 009068 project. There are 6 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
SOU0920R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on September 8, 2010 by Friedman & Bruya, Inc. from the Sound Environmental Strategies SOU_0570_20100908, F&BI 009068 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>Sound Environmental Strategies</u>
009068-01	IP4-20100907
009068-02	IP1-20100907
009068-03	IP3-20100907
009068-04	IP2-20100907
009068-05	MW99-20100907

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/20/10
 Date Received: 09/08/10
 Project: SOU_0570_20100908, F&BI 009068
 Date Extracted: 09/09/10
 Date Analyzed: 09/10/10

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

Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
IP4-20100907 009068-01	<1	<1	<1	<3	<100	82
IP1-20100907 009068-02	<1	<1	<1	<3	<100	82
IP3-20100907 009068-03	<1	<1	<1	<3	<100	80
IP2-20100907 009068-04	<1	<1	<1	<3	<100	82
MW99-20100907 009068-05	<1	<1	<1	<3	<100	80
Method Blank 00-1435 MB	<1	<1	<1	<3	<100	82

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/20/10
Date Received: 09/08/10
Project: SOU_0570_20100908, F&BI 009068
Date Extracted: 09/10/10
Date Analyzed: 09/14/10

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 51-134)
IP4-20100907 009068-01	<50	<250	87
IP1-20100907 009068-02	<50	<250	88
IP3-20100907 009068-03	<50	<250	98
IP2-20100907 009068-04	<50	<250	94
MW99-20100907 009068-05	<50	<250	87
Method Blank 00-1442 MB	<50	<250	85

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/20/10
 Date Received: 09/08/10
 Project: SOU_0570_20100908, F&BI 009068

**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: 009068-05 (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	98	72-119
Toluene	ug/L (ppb)	50	104	71-113
Ethylbenzene	ug/L (ppb)	50	106	72-114
Xylenes	ug/L (ppb)	150	102	72-113
Gasoline	ug/L (ppb)	1,000	98	70-119

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 09/20/10

Date Received: 09/08/10

Project: SOU_0570_20100908, F&BI 009068

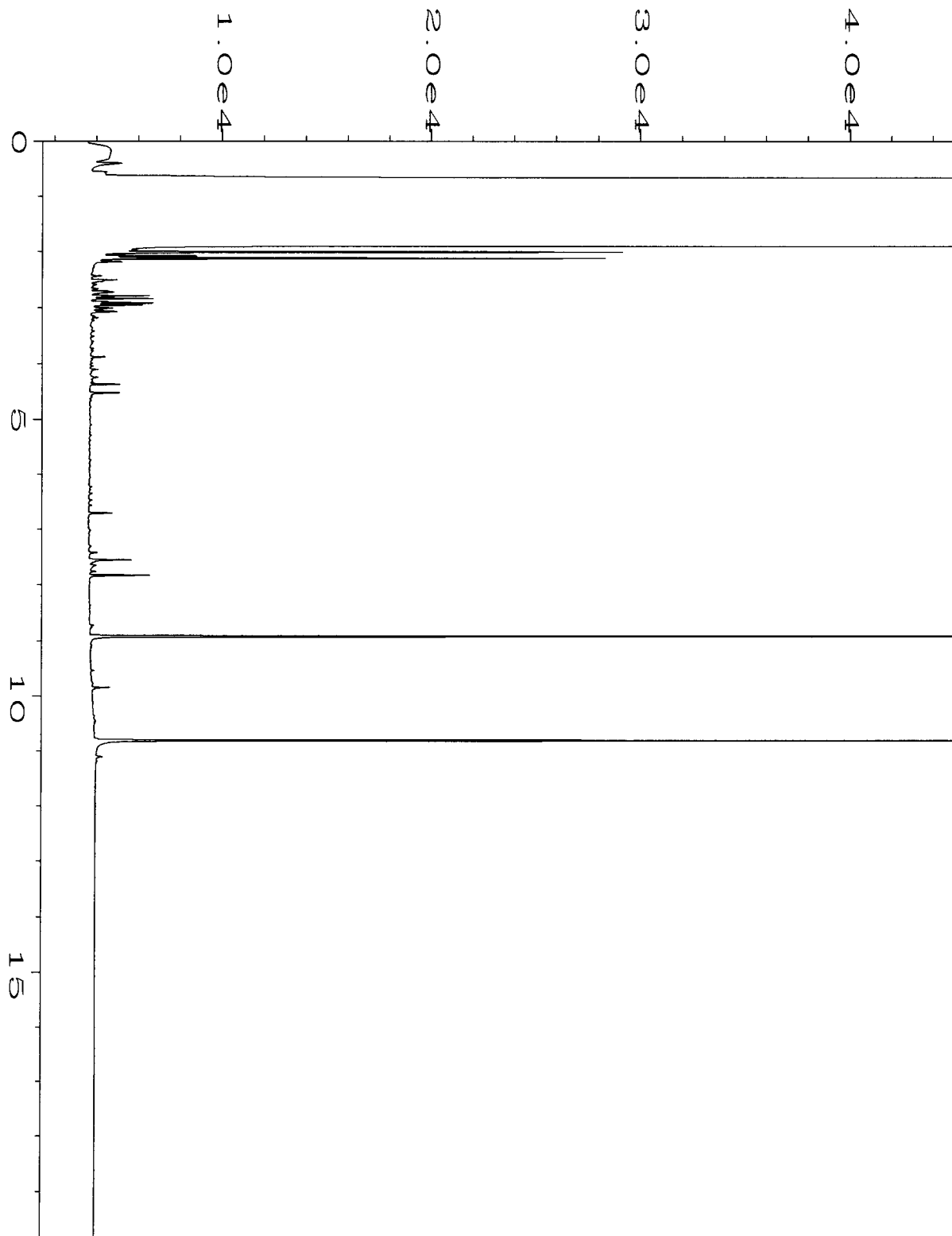
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: Laboratory Control Sample

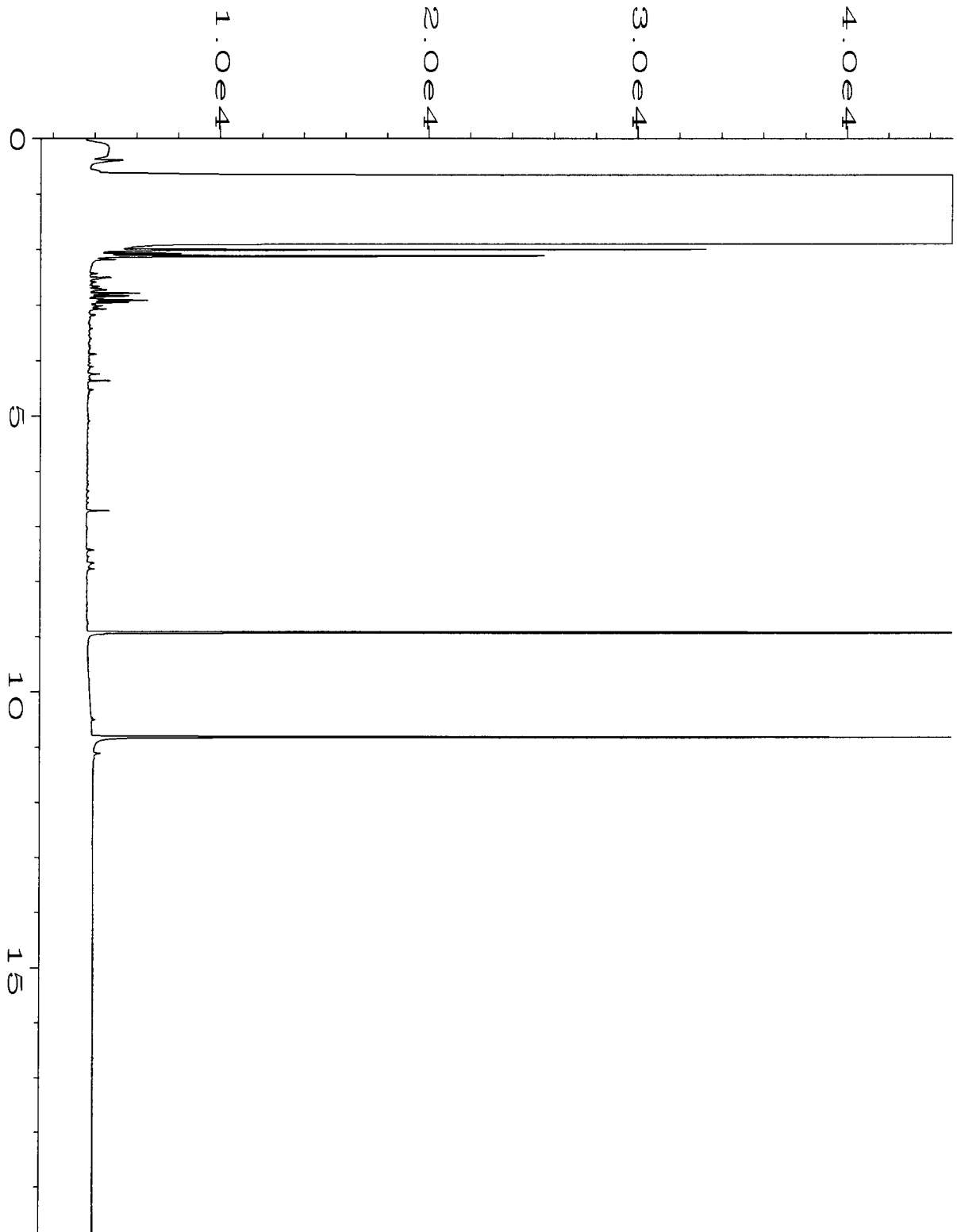
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	96	102	58-134	6

Data Qualifiers & Definitions

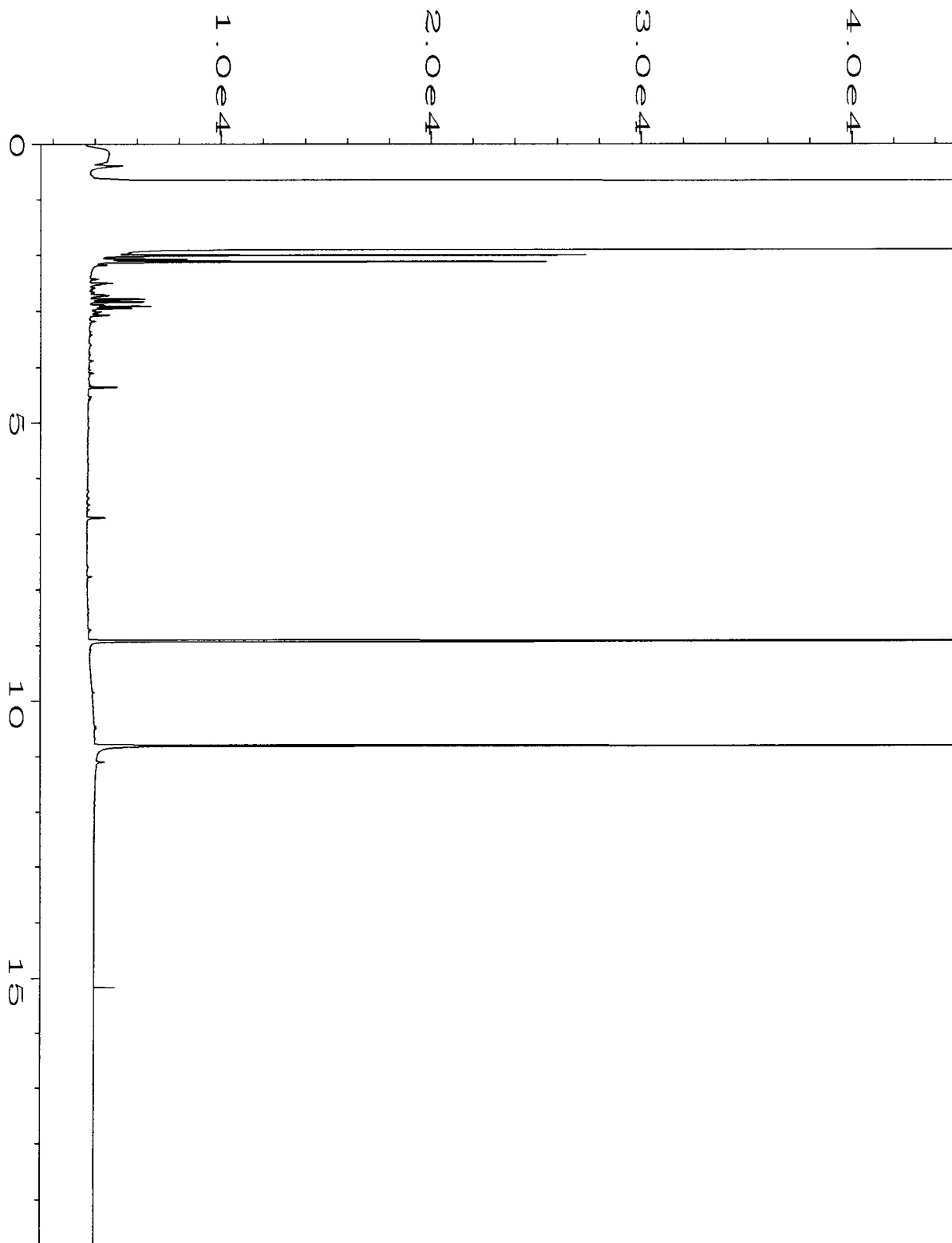
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



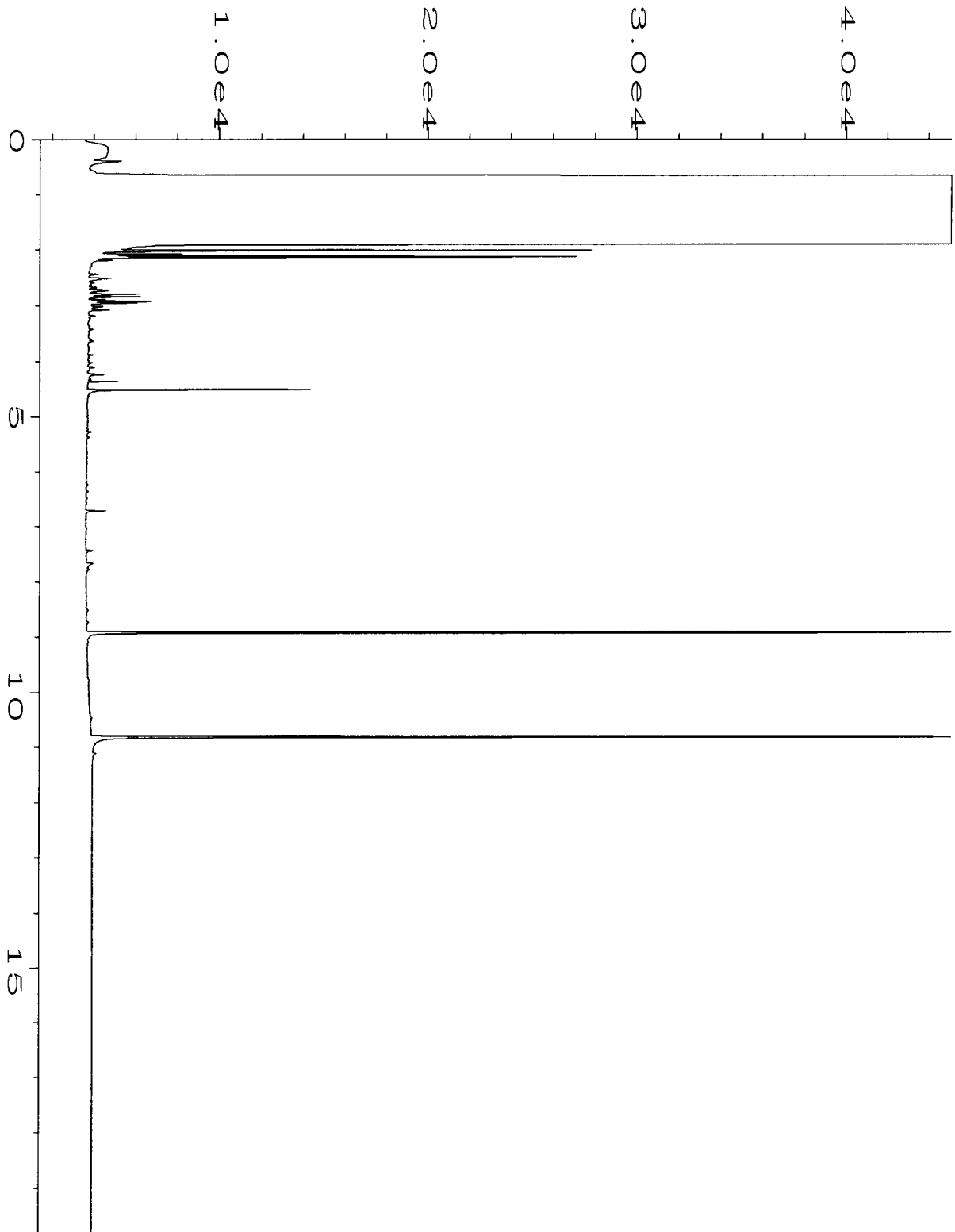
Data File Name	: C:\HPCHEM\6\DATA\09-14-10\030F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 30
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 009068-01	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 14 Sep 10 09:13 PM	Analysis Method	: TPHD.MTH
Report Created on:	16 Sep 10 10:26 AM		



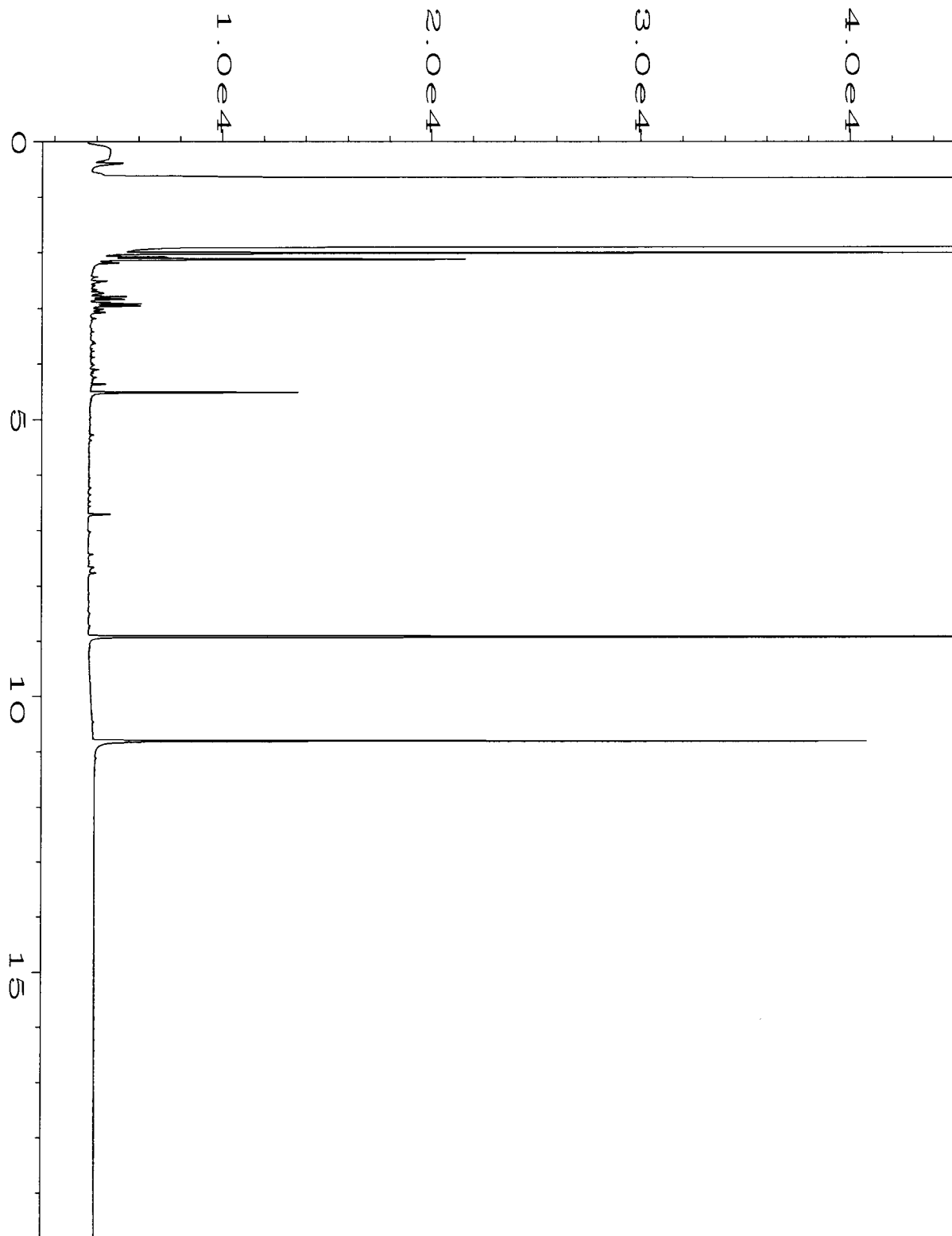
Data File Name	: C:\HPCHEM\6\DATA\09-14-10\031F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 31
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 009068-02	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 14 Sep 10 09:39 PM	Analysis Method	: TPHD.MTH
Report Created on:	16 Sep 10 10:26 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-14-10\032F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 32
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 009068-03	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 14 Sep 10 10:04 PM	Analysis Method	: TPHD.MTH
Report Created on:	16 Sep 10 10:26 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-14-10\033F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 33
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 009068-04	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 14 Sep 10 10:29 PM	Analysis Method	: TPHD.MTH
Report Created on:	16 Sep 10 10:27 AM		



Data File Name	: C:\HPCHEM\6\DATA\09-14-10\034F0601.D	Page Number	: 1
Operator	: ML	Vial Number	: 34
Instrument	: GC #6	Injection Number	: 1
Sample Name	: 009068-05	Sequence Line	: 6
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 14 Sep 10 10:54 PM	Analysis Method	: TPHD.MTH
Report Created on:	16 Sep 10 10:27 AM		

009068

SAMPLE CHAIN OF CUSTODY

ME

09/08/10

V2/1A02

Send Report To Brian Dixon
 Company Sound Environmental Strategies
 Address 2811 Fairview Ave East
 City, State, ZIP Seattle, WA
 Phone # 206.306.1900 Fax #

SAMPLERS (signature) Emily Forbes
 PROJECT NAME/NO. Ram Auto/0570 PO #
 REMARKS LAOY WA
 GEMS Y / N

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	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED							Notes	
								NWTPH-Dx	NWTPH-Gx	BTEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-8 Metals			
IP4-20100907	IP4	-	01 AE	9/7/10	1419	WATER	5	X	X	X						
IP1-20100907	IP1	-	02 AE	9/7/10	1535			X	X	X						
IP3-20100907	IP3	-	03 AE	9/7/10	1634			X	X	X						
IP2-20100907	IP2	-	04 AE	9/7/10	1756			X	X	X						
MW99-20100907	-	-	05 AE	9/7/10	1700			X	X	X						

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: <u>Emily Forbes</u>	Elizabeth Forbes	SES	9/8/10	9:24
Received by: <u>[Signature]</u>	HONG NGU	POIZ	L	L
Relinquished by:				
Received by:				

Samples received at 6 °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

August 30, 2011

Brian Dixon, Project Manager
SoundEarth Strategies
2811 Fairview Ave. East, Suite 2000
Seattle, WA 98102

Dear Mr. Dixon:

Included are the results from the testing of material submitted on August 25, 2011 from the SOU_0570-001-05_20110825, F&BI 108390 project. There are 6 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
SOU0830R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 25, 2011 by Friedman & Bruya, Inc. from the SoundEarth Strategies SOU_0570-001-05_20110825, F&BI 108390 project. Samples were logged in under the laboratory ID's listed below.

<u>Laboratory ID</u>	<u>SoundEarth Strategies</u>
108390-01	IP01-20110824
108390-02	IP02-20110824
108390-03	IP03-20110824
108390-04	IP04-20110824
108390-05	IP05-20110824
108390-06	IP99-20110824

All quality control requirements were acceptable.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/30/11
 Date Received: 08/25/11
 Project: SOU_0570-001-05_20110825, F&BI 108390
 Date Extracted: 08/25/11
 Date Analyzed: 08/25/11

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
 FOR BENZENE, TOLUENE, ETHYLBENZENE,
 XYLENES AND TPH AS GASOLINE
 USING EPA METHOD 8021B AND NWTPH-Gx**
 Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Benzene</u>	<u>Toluene</u>	<u>Ethyl Benzene</u>	<u>Total Xylenes</u>	<u>Gasoline Range</u>	<u>Surrogate (% Recovery)</u> (Limit 50-150)
IP01-20110824 108390-01	<1	<1	<1	<3	<100	98
IP02-20110824 108390-02	<1	<1	<1	<3	<100	95
IP03-20110824 108390-03	<1	<1	<1	<3	<100	96
IP04-20110824 108390-04	<1	<1	<1	<3	<100	95
IP05-20110824 108390-05	<1	<1	<1	<3	<100	96
IP99-20110824 108390-06	<1	<1	<1	<3	<100	95
Method Blank 01-1557 MB	<1	<1	<1	<3	<100	96

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/30/11
Date Received: 08/25/11
Project: SOU_0570-001-05_20110825, F&BI 108390
Date Extracted: 08/25/11
Date Analyzed: 08/25/11

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL AND MOTOR OIL
USING METHOD NWTPH-Dx**
Results Reported as ug/L (ppb)

<u>Sample ID</u> Laboratory ID	<u>Diesel Range</u> (C ₁₀ -C ₂₅)	<u>Motor Oil Range</u> (C ₂₅ -C ₃₆)	<u>Surrogate</u> <u>(% Recovery)</u> (Limit 50-150)
IP01-20110824 108390-01	<50	<250	80
IP02-20110824 108390-02	<50	<250	108
IP03-20110824 108390-03	<50	<250	105
IP04-20110824 108390-04	<50	<250	95
IP05-20110824 108390-05	<50	<250	109
IP99-20110824 108390-06	<50	<250	108
Method Blank 01-1551 MB	<50	<250	107

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/30/11

Date Received: 08/25/11

Project: SOU_0570-001-05_20110825, F&BI 108390

**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: 108358-01 (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	100	72-119
Toluene	ug/L (ppb)	50	94	71-113
Ethylbenzene	ug/L (ppb)	50	96	72-114
Xylenes	ug/L (ppb)	150	92	72-113
Gasoline	ug/L (ppb)	1,000	103	70-119

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 08/30/11

Date Received: 08/25/11

Project: SOU_0570-001-05_20110825, F&BI 108390

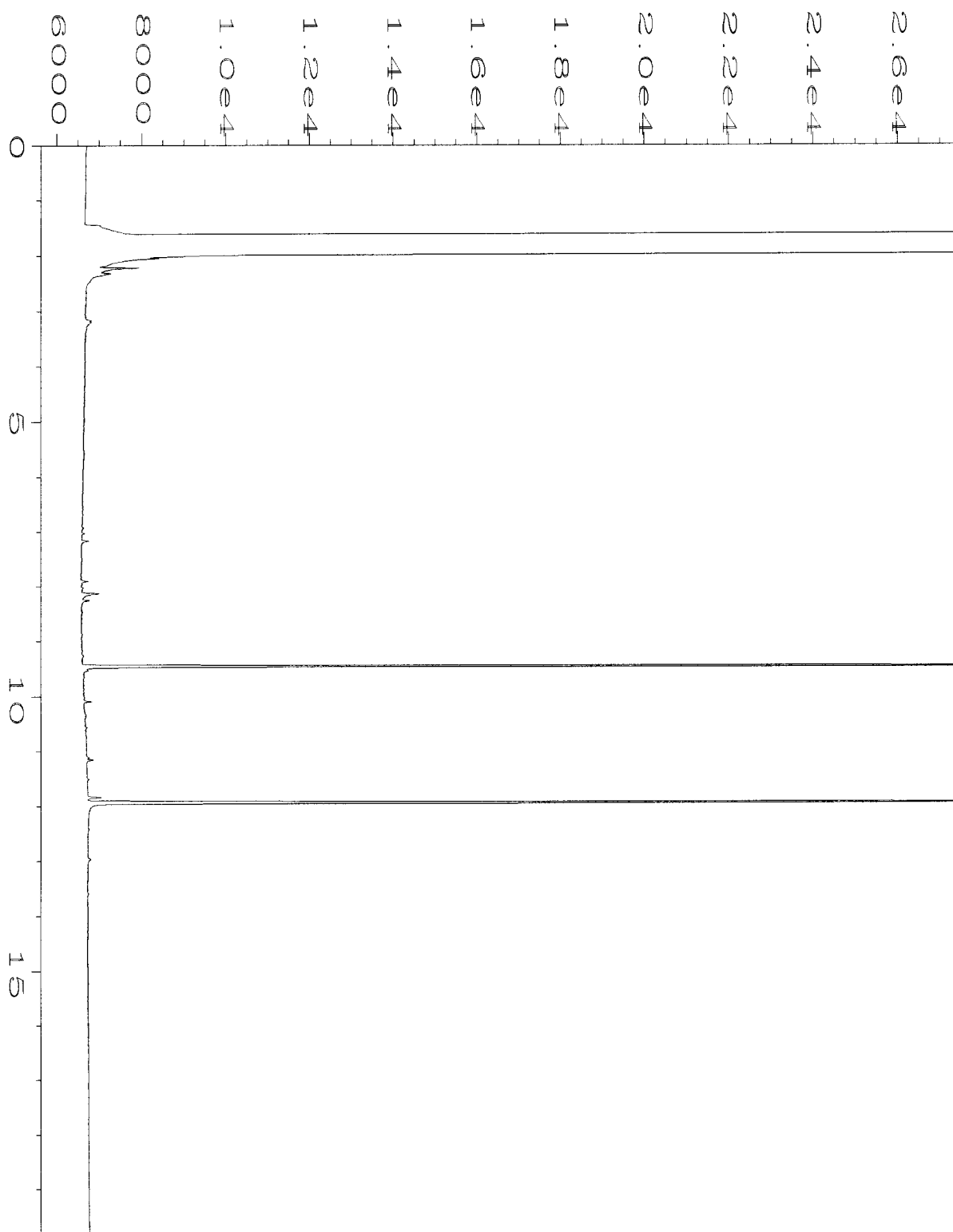
**QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF WATER SAMPLES
FOR TOTAL PETROLEUM HYDROCARBONS AS
DIESEL EXTENDED USING METHOD NWTPH-Dx**

Laboratory Code: Laboratory Control Sample

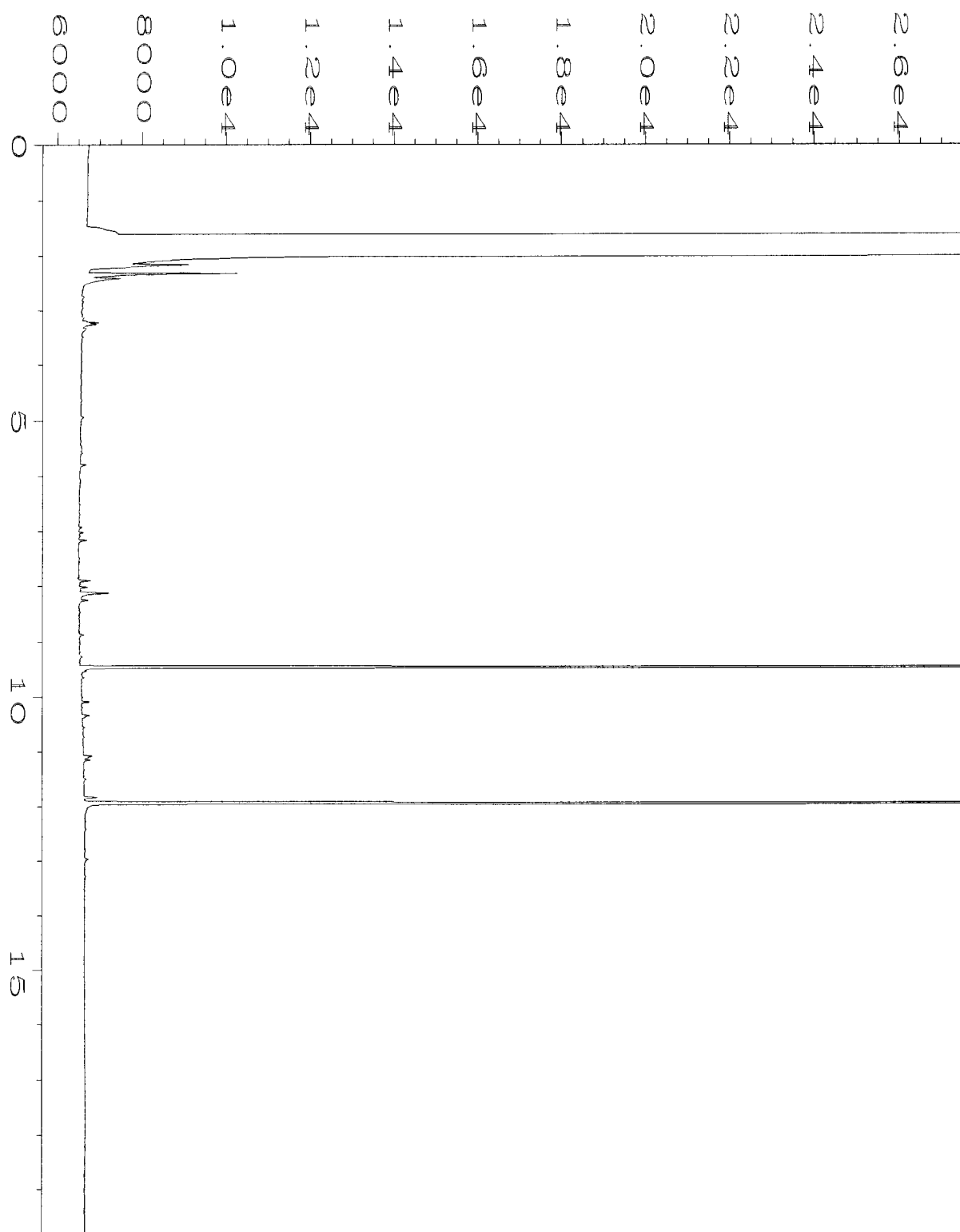
Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	ug/L (ppb)	2,500	109	108	63-142	1

Data Qualifiers & Definitions

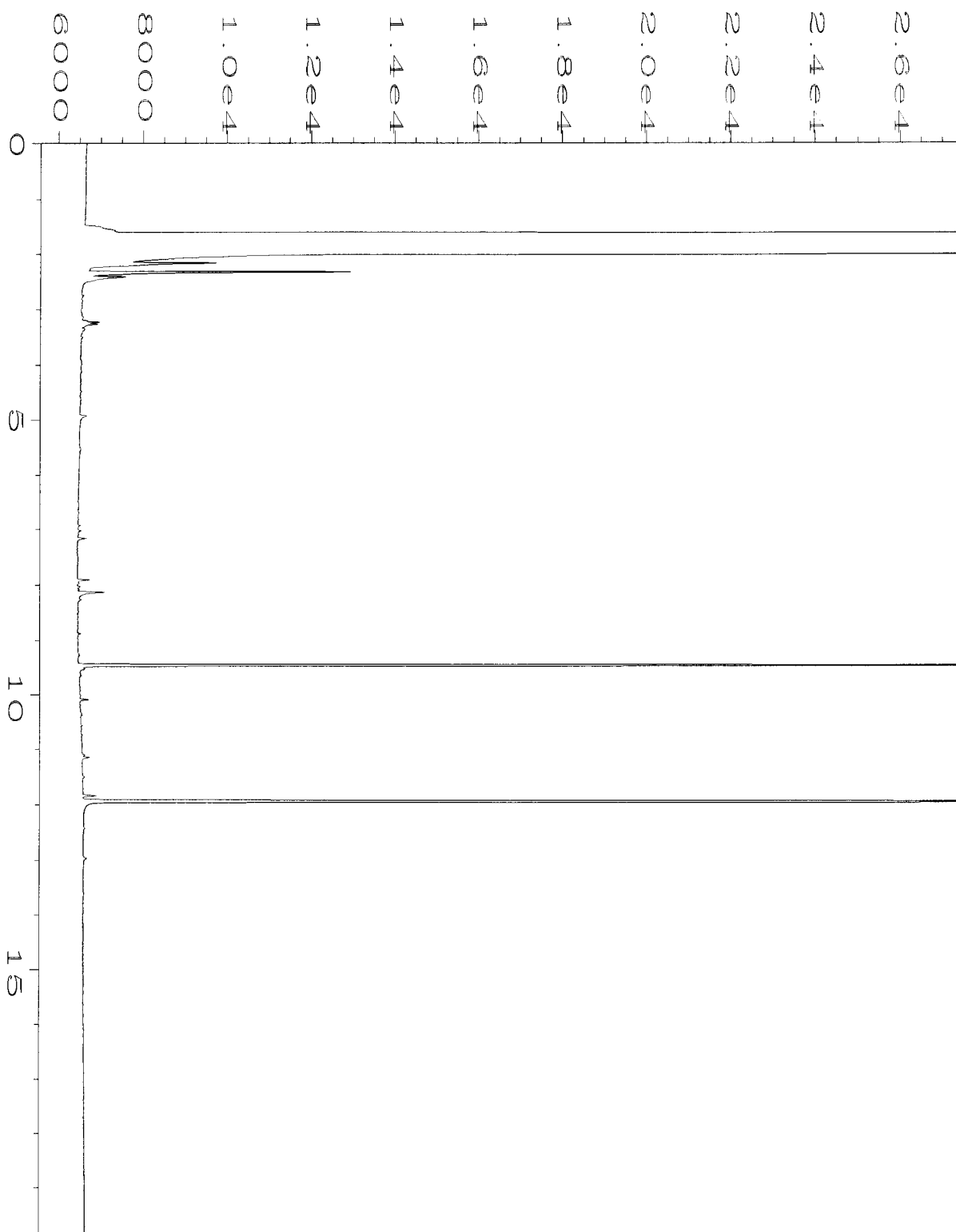
- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 – More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - Analyte present in the blank and the sample.
- fc – The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - Analysis performed outside the method or client-specified holding time requirement.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j – The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc – The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr – The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - Estimated concentration calculated for an analyte response above the valid instrument calibration range. A dilution is required to obtain an accurate quantification of the analyte.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.



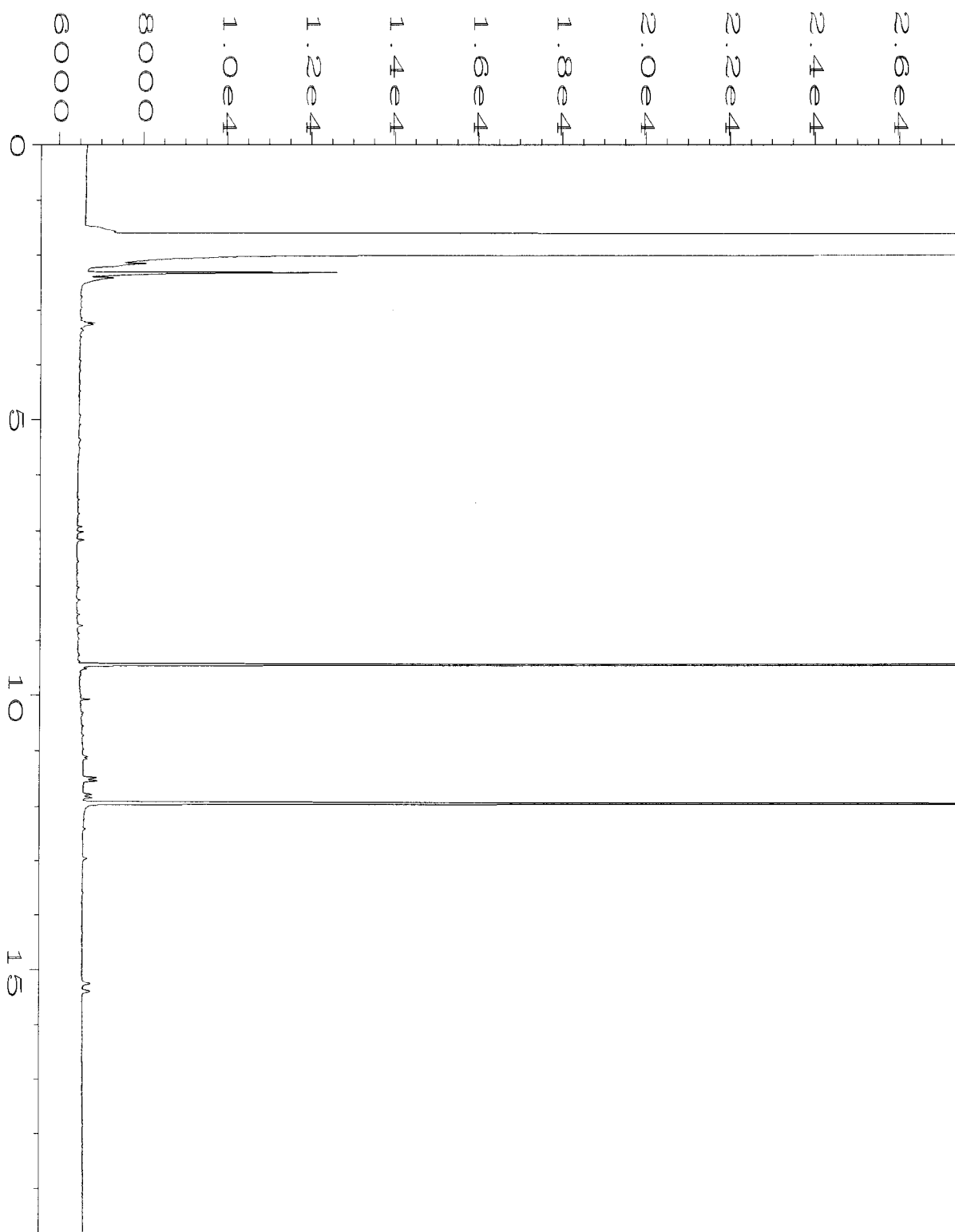
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Operator	: ML	Vial Number	: 15
Instrument	: GC1	Injection Number	: 1
Sample Name	: 108390-01	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 06:19 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:30 AM		



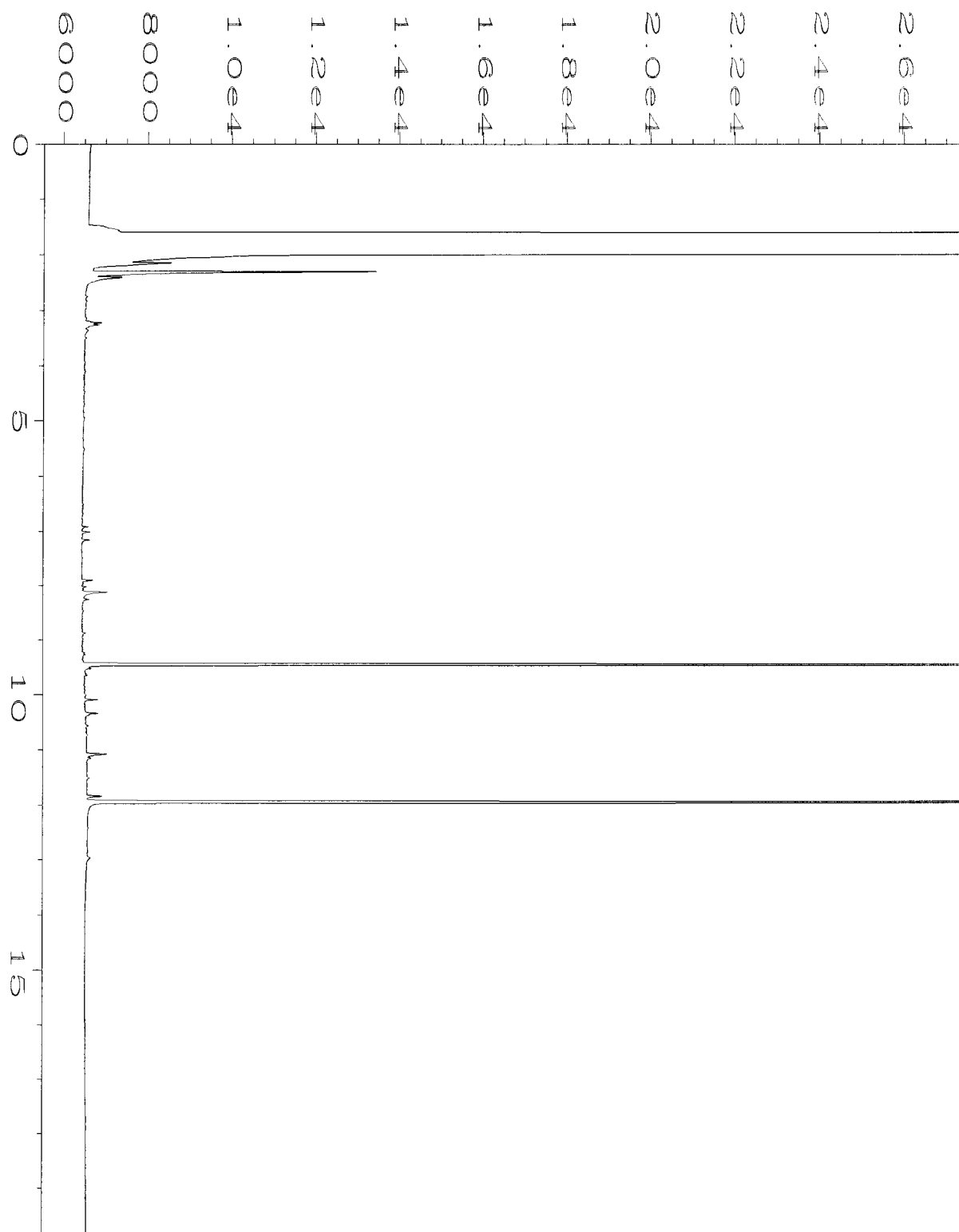
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Operator	: ML	Vial Number	: 16
Instrument	: GC1	Injection Number	: 1
Sample Name	: 108390-02	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 06:48 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:30 AM		



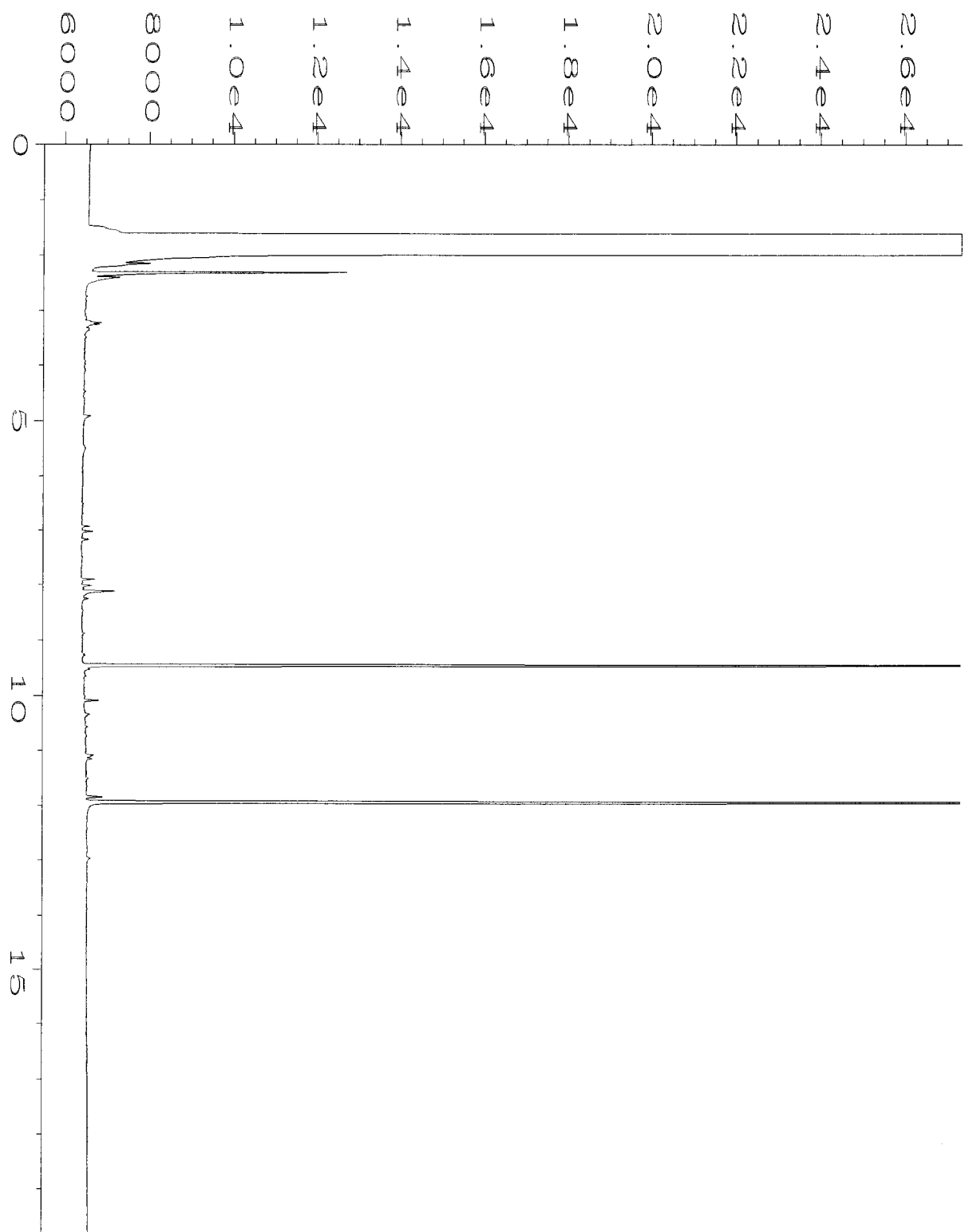
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Operator	: ML	Vial Number	: 17
Instrument	: GC1	Injection Number	: 1
Sample Name	: 108390-03	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 07:16 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:30 AM		



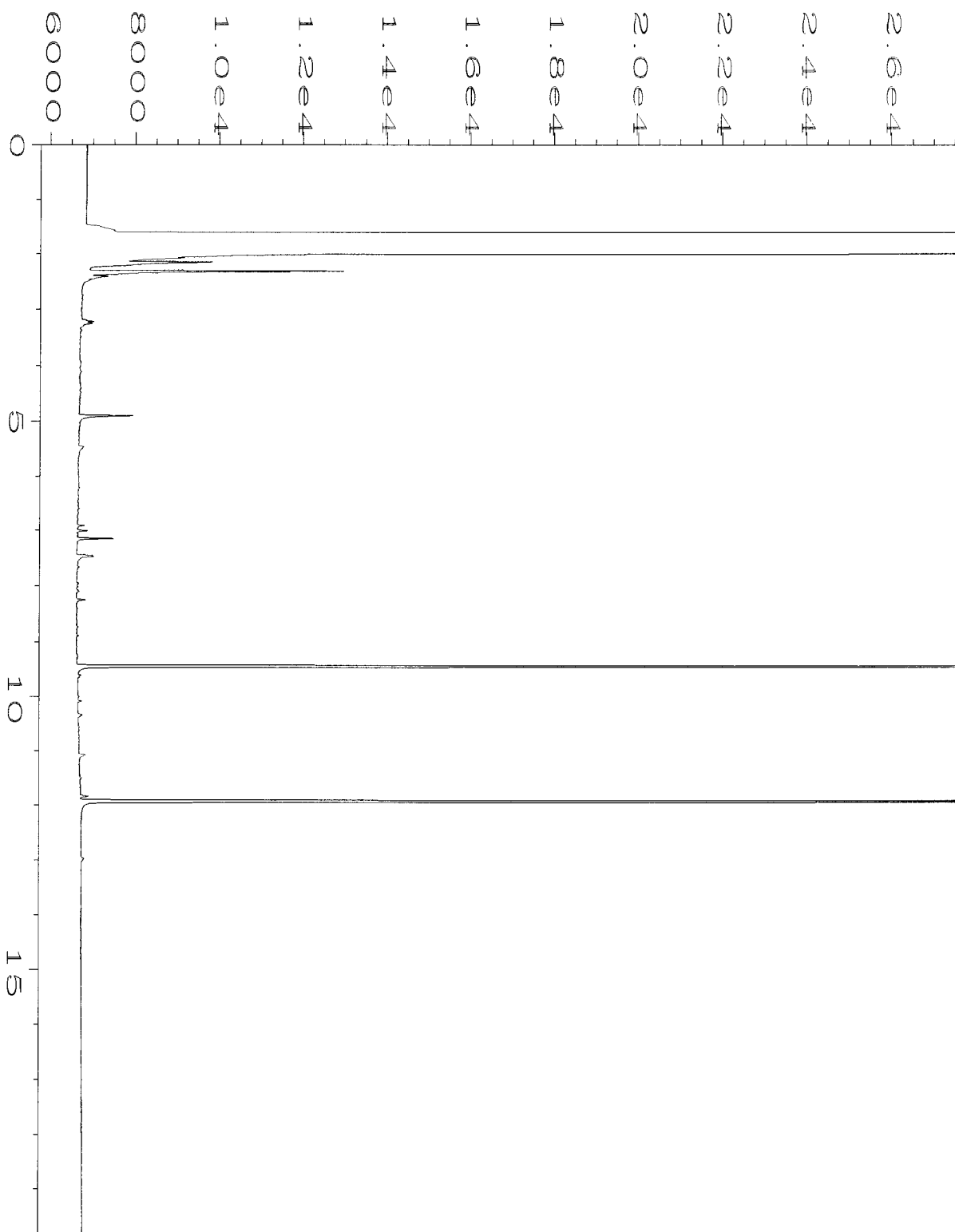
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Operator	: ML	Vial Number	: 18
Instrument	: GC1	Injection Number	: 1
Sample Name	: 108390-04	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 07:44 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:31 AM		



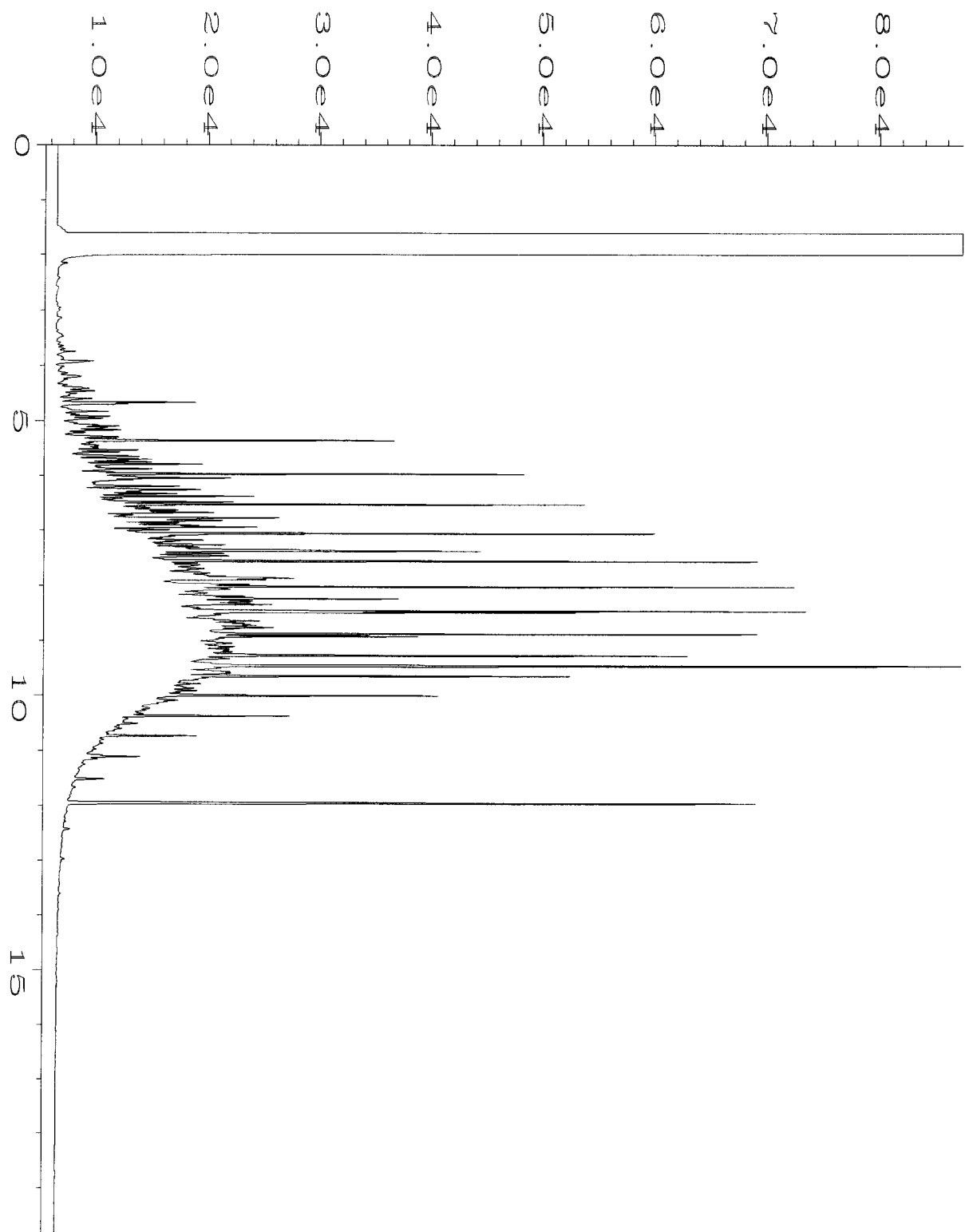
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Operator	: ML	Vial Number	: 19
Instrument	: GC1	Injection Number	: 1
Sample Name	: 108390-05	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 08:11 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:31 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-25-11\020F0701.D	Page Number	: 1
Operator	: ML	Vial Number	: 20
Instrument	: GC1	Injection Number	: 1
Sample Name	: 108390-06	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 08:39 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:31 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-25-11\012F0701.D	Page Number	: 1
Operator	: ML	Vial Number	: 12
Instrument	: GC1	Injection Number	: 1
Sample Name	: 01-1551 mb	Sequence Line	: 7
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 05:00 PM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:30 AM		



Data File Name	: C:\HPCHEM\1\DATA\08-25-11\003F0201.D	Page Number	: 1
Operator	: ML	Vial Number	: 3
Instrument	: GC1	Injection Number	: 1
Sample Name	: 500 WADF 35-58C	Sequence Line	: 2
Run Time Bar Code:		Instrument Method:	TPHD.MTH
Acquired on	: 25 Aug 11 10:27 AM	Analysis Method	: END.MTH
Report Created on:	26 Aug 11 09:30 AM		

108390

SAMPLE CHAIN OF CUSTODY ME 08-25-11

DOH/V2

Send Report To Brian Dixon

Company SoundEarth Strategies

Address 2811 Fairview Ave E, Suite 200

City, State, ZIP Seattle, WA, 98102

Phone # 206-306-1900 Fax # 206-306-1907

SAMPLERS (signature) *[Signature]*

PROJECT NAME/NO. Former HAM auto
0570-001-05

PO #

REMARKS

GEMS Y / N

Page # of

TURNAROUND TIME

Standard (2 Weeks)

RUSH call region

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Return samples

Will call with instructions

Sample ID	Sample Location	Sample Depth	Lab ID	Date Sampled	Time Sampled	Matrix	# of jars	ANALYSES REQUESTED						Notes	
								NWTPH-Dx	NWTPH-Gx	BIEX by 8021B	VOC's by 8260	SVOC's by 8270	RCRA-6 Metals		
IP01-20110824			01 A-D	08/24/11	1050		1			X					
IP02-20110824			02 T		1142		1	X	X	X					
IP03-20110824			03		1130		1	X	X	X					
IP04-20110824			04		1244		1	X	X	X					
IP05-20110824			05		1157		1	X	X	X					
IP09-20110824			06		1110		1	X	X	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:				
Received by: <i>[Signature]</i>	DOVO	F + BI	8-25-11	11:00
Relinquished by:				
Received by:		Samples received at 3 °C		