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FARALLON CONSULTING
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REMEDIAL INVESTIGATION AND FEASIBILITY STUDY
FORMER SALVAGE YARD AND FORMER LUMBER MILL SUBAREAS
(EAST SUBAREAS)
MONROE AUTO SALVAGE SITE
426 FREMONT STREET
MONROE, WASHINGTON

Submitted by
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For
Ms. Reta Jensen

February 2, 2000

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EXECUTIVE SUMMARY

This Remedial Investigation and Feasibility Study (RI/FS) report summarizes the results of the RI/FS completed at a portion of the Monroe Auto Salvage Site located at 426 Fremont Street in Monroe, Washington. The Monroe Auto Salvage Site has been segregated into three subareas for this investigation: (1) the Former Salvage Yard Subarea, (2) the Former Lumber Mill Subarea, and (3) the Former Bulk Fuel Storage Subarea. This RI/FS addresses the Former Salvage Yard Subarea and Former Lumber Mill Subarea (herein referred to as the East Subareas). A separate RI/FS report will be prepared for the Former Bulk Fuel Storage Subarea.

This RI/FS has been conducted under the Voluntary Cleanup Program (VCP), with the approval and oversight from the Washington State Department of Ecology (Ecology). This RI/FS report has been prepared in accordance with the requirements of the Model Toxics Control Act (MTCA) and the regulations promulgated thereunder, including WAC 173-340-350 and 173-340-840.

The RI/FS report defines the media of concern, the constituents of concern, and the distribution of the identified constituents of concern at the East Subareas and presents the cleanup action that has been selected for the East Subareas. This RI/FS report also summarizes all prior investigations and interim remedial actions conducted at the East Subareas.

Previous Investigations and Interim Remedial Actions

Hart Crowser, PBS Environmental, EMCON Northwest, and the Snohomish Health Department (SHD) have all conducted prior investigations at portions of the East Subareas. These investigations have confirmed the presence of total petroleum hydrocarbons (TPH); benzene, toluene, ethyl benzene, and xylenes (BTEX); lead; and polychlorinated biphenyls (PCBs) in shallow soil at the East Subareas in concentrations above MTCA Method A cleanup levels for soils. Previous investigations also found Polycyclic aromatic hydrocarbons (PAHs) in concentrations above MTCA Method A cleanup levels.

The prior investigations included installation of five groundwater monitoring wells within the East Subareas. The groundwater monitoring wells were periodically monitored from 1990 to 1997 for groundwater elevation and sampled for laboratory analysis. The results of the monitoring indicated that groundwater occurred from 20 to 25 feet below ground surface (bgs) with a southwesterly direction of flow. Groundwater samples were analyzed for TPH, PCBs, metals, and volatile organic compounds (VOCs). In the prior investigations, groundwater concentrations were never detected above the laboratory detection limits for any of these analytes.

Due to a release associated with an electric transformer destroyed during a fire, approximately 18 tons of soil with concentrations of PCB above the MTCA Method A cleanup level was removed from the Former Lumber Mill Subarea in March 1997. The analytical results of soil samples

collected after completion of this excavation confirmed that all soil with concentrations of PCBs above the MTCA Method A residential soil cleanup levels had been removed from this area.

Remedial Investigation of the East Subareas

The information obtained from the prior investigations and interim remedial actions conducted at the East Subareas was used to develop the scope of work for the RI/FS. The purpose of the RI/FS was to define the media of concern, define the constituents of concern, and to ascertain the distribution of the defined constituents of concern above the selected cleanup levels. These goals have been met by collecting and analyzing a sufficient number of soil and groundwater samples at the East Subareas to fully characterize site conditions. The analytical results from soil and groundwater samples collected for this RI/FS, together with the information obtained during previous investigations, defines the media and constituents of concern and characterizes the site sufficiently to support evaluation and selection of a cleanup remedial design for cleanup of the East Subareas.

This RI/FS confirms that soil is the only media of concern and that the constituents of concern are TPH, BTEX, lead, and PAHs. Concentrations of the constituents of concern were found above applicable cleanup levels only in the top one to three feet of soil in discrete, discontinuous, and limited areas of the East Subareas. None of the constituents of concern were detected in concentrations above the laboratory detection limits in any of the groundwater samples collected at the East Subareas, with the exception of dissolved lead and chromium in one sample from MW-2.

Feasibility Study of Potential Cleanup Actions

The information derived from the RI/FS was used to evaluate technically feasible remedial action alternatives for the East Subareas. A broad range of technologies were identified that could meet the cleanup action objectives for the East Subareas. These technologies were evaluated and compared based on the criteria set forth in WAC 173-340-360. Protection of human health and the environment was the most important criterion used to evaluate and compare the various alternatives. This evaluation process resulted in the selection of a preferred remedial alternative. All other remedial alternatives were ruled out because they were either technically impractical, inconsistent with current or planned future uses of the East Subareas, or unreasonably expensive.

Selected Remedial Alternative

The selected remedial alternative involves hot-spot excavation and off-site disposal of soil at the East Subareas that contains either concentrations of total lead or PCBs above the MTCA Method A residential soil cleanup levels, or concentrations of TPH above the cleanup levels established by application of the Interim TPH Guidelines adopted by Ecology in 1997. It is estimated that a total volume of 1,500 tons of soil will be removed from the East Subareas. The actual volume will depend on the field conditions at the time of excavation, compliance monitoring results, and other factors.

The selected remedial alternative is protective of both human health and the environment, and will result in a permanent and final cleanup solution for the East Subareas. All soil with concentrations of the constituents of concern above applicable cleanup standards will be excavated and removed from the East Subareas.

Future Activities

The selected remedial alternative will be implemented under the Voluntary Cleanup Program. Following the completion of the selected remedial alternative, a final remedial action report will be prepared and submitted to Ecology. Ecology will issue a No Further Action letter for the East Subareas once it confirms that the remedial action objectives have been satisfied and that no further investigation or cleanup is necessary at the East Subareas.

1.0 INTRODUCTION

Farallon Consulting LLC (Farallon) has prepared this Remedial Investigation / Feasibility Study (RI/FS) report on behalf of Ms. Reta Jensen for a portion of the Monroe Auto Salvage Site located at 426 Fremont Street in Monroe, Washington (Figure 1). For the purpose of this investigation and future cleanup activities, the Monroe Auto Salvage Site has been segregated into three subareas: (1) the Former Salvage Yard Subarea, (2) the Former Lumber Mill Subarea, and (3) the Former Bulk Fuel Storage Subarea (Figure 2). This RI/FS addresses the Former Salvage Yard Subarea and Former Lumber Mill Subarea (herein referred to as the East Subareas). A separate RI/FS report will be prepared at a later date for the Former Bulk Fuel Storage Subarea.

This RI/FS report summarizes the distribution of the constituents of concern at the East Subareas and presents an evaluation of feasible remedial action technologies. The technical scope of work for the RI/FS is in accordance with *the Work Plan Remedial Investigation and Feasibility Study, Former Salvage Yard And Former Lumber Mill Subareas (East Subareas), Monroe Auto Salvage Site, 426 Fremont Street, Monroe, Washington* (RI/FS Work Plan) prepared by Farallon dated July 14, 1999. The RI/FS Work Plan was reviewed and approved by the Washington State Department of Ecology (Ecology).

This RI/FS report has been prepared in accordance with the requirements of the Model Toxics Control Act (MTCA) and the regulations promulgated thereunder, including WAC 173-340-350 and 173-340-840. The RI/FS has been conducted as an independent remedial action in accordance with the Ecology Voluntary Cleanup Program (VCP). An application for the VCP was submitted to Ecology on behalf of Ms. Jensen for review and oversight of this RI/FS and future cleanup activities.

1.1 PURPOSE OF RI/FS

The objective of the RI/FS is to collect, develop, and evaluate sufficient information regarding the vertical and lateral extent of constituents of concern at the East Subareas to support evaluation of potential feasible cleanup alternatives. A cleanup action was selected in accordance with WAC 173-340-360 based on results of the RI/FS.

1.2 RI/FS RESPONSIBILITIES

The East Subareas are currently owned by:

Ms. Reta Jensen

The Project Coordinator for the RI/FS is:

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1.3 REPORT ORGANIZATION

The format of this RI/FS report meets the requirements of WAC 173-340-840. Section 2.0 provides a description of the East Subareas. Section 3.0 describes the background information available for the East Subareas. A summary of the environmental setting is set forth in Section 4.0. Section 5.0 describes the technical requirements of the RI/FS. Section 6.0 summarizes the results of the remedial investigation. The extent of contamination at the East Subareas is discussed in Section 7.0. Section 8.0 presents the results of the feasibility study, and conclusions are presented in Section 9.0. The references are located and cited in Section 10.0. Section 11.0 provides the standard limitations for the RI/FS as performed by Farallon.

2.0 SITE DESCRIPTION

This section provides a description of the East Subareas and other features in the vicinity of the East Subareas. The location of the Monroe Auto Salvage Site is shown on Figure 1. The East Subareas are shown on Figure 2, including the boundaries of the Former Salvage Yard Subarea and the Former Lumber Mill Subarea used for sampling nomenclature in this RI/FS report.

2.1 SITE LOCATION

The East Subareas are located within the geographical boundaries of the Monroe Auto Salvage Site located at 426 Fremont Street in Monroe, Washington. Figure 2 shows the approximate boundary between the Former Salvage Yard and Former Lumber Mill Subareas used for this report.

2.2 SITE VICINITY FEATURES

Residential and light industrial uses border the East Subareas to the north and west. A bulk fuel storage facility, currently operated by Schultz Distributing, is located adjacent to and north of the East Subareas. Woods Creek and undeveloped properties with heavy vegetation are located to the south and east (Figures 1 and 2). The East Subareas are zoned General Industrial (GI) by the city of Monroe Zoning Map, adopted January 11, 1995. The adjacent properties to the south-southeast are zoned Public Open Space (PS), the property to the west is zoned Residential-Multi Family (MR-6000), the property to the northeast is zoned Downtown Commercial (DC), and the property to the north is zoned General Commercial (GC) (Figure 3).

2.3 SITE DESCRIPTION

The Former Salvage Yard Subarea consists of approximately four acres of unpaved property located south and east of Fremont Street. The existing buildings at this Subarea consist of wood-frame sheds and a wood-frame office with concrete and dirt floors (Figure 2).

The Former Lumber Mill Subarea consists of approximately two acres located south of Simons Road (Figure 2). There are three abandoned wood-frame buildings presently located on the Former Lumber Mill Subarea. The buildings are the former lumber mill building, a large structure with a dirt floor that has an attached electrical building with a concrete floor; a storage building; and a small mechanic's shop (Figure 2).

2.4 SURFACE WATER DRAINAGE PATTERNS

An assessment of surface water drainage patterns was conducted by EMCON (EMCON July 26, 1996) during a storm event while the salvage yard was still in operation. Surface water drainage features were based on visual observations during the storm event. EMCON concluded that most of the surface water ponded on-site in low areas and infiltrated to the subsurface. EMCON also concluded that surface water not infiltrating the soil appeared to flow to Woods Creek.

During performance of the RI/FS, Farallon observed that surface water ponded on-site and infiltrated the underlying soil. Limited surface water appeared to flow over the surface to Woods Creek during heavy rains. There is a large buffer of heavy vegetation between the top of the slope at the edge of the East Subareas and the surface water of Woods Creek.

3.0 BACKGROUND

This section summarizes the historic uses of the East Subareas and the results of previous investigations conducted prior to the RI/FS. The information presented here, together with the information generated during the RI/FS, has been used to assess the condition of the East Subareas to evaluate potential feasible remedial alternatives.

3.1 HISTORICAL SITE USE

Between the mid-1950s to mid-1998, Monroe Auto Salvage used the Former Salvage Yard Subarea for dismantling and storing wrecked automobiles and recycling scrap metal. Salvage operations at the East Subareas have been discontinued, and this Subarea has been cleared of the remaining automobiles and debris.

A lumber mill was operated at the Former Lumber Mill Subarea from the mid-1940s to early-1990s. Logs were cut in the large open shed currently located in this Subarea. There is no evidence to suggest that the operations at the Former Lumber Mill Subarea involved the use of wood preservatives. The Former Lumber Mill Subarea was used by Monroe Auto Salvage for storage of automobiles and other salvage materials from the early-1990s until salvage operations were discontinued in mid-1998. A more detailed discussion of historical site uses is presented in section 6.2 of this RI/FS report.

3.2 PREVIOUS INVESTIGATIONS

The southwest portion of the Former Salvage Yard Subarea was the subject of two investigations conducted by Hart Crowser and Associates (Hart Crowser) for Glacier Park Company in 1990 (Hart Crowser, March 16, 1990; and December 13, 1990). The stated purpose of the investigations was to evaluate if historical practices had caused significant contamination of this area.

Soil samples collected by Hart Crowser from surface to two feet below ground surface (bgs) in the southwest portion of the Former Salvage Yard Subarea contained concentrations of TPH, PAH, and total lead above the current MTCA Method A residential soil cleanup levels (Figure 4, Table 1). Hart Crowser described the TPH as predominantly motor oil range petroleum hydrocarbons.

The Snohomish Health District (SHD) conducted a Site Hazard Assessment (SHA) of the Former Salvage Yard Subarea in May 1994. Soil samples collected from the Former Salvage Yard Subarea by the SHD (SHD, May 17, 1994) contained concentrations of lead, cadmium,

TPH, and PCBs above the current MTCA Method A residential soil cleanup levels (Figure 4, Table 1). Based on the results of the SHA, the Former Salvage Yard Subarea was ranked by Ecology as a "Hazard 1" (highest potential threat to human health and the environment) (SHD, August 2, 1994).

The SHD conducted a second investigation at the Former Salvage Yard Subarea in July 1994 to include the area near Woods Creek (SHD, July 14, 1994). The sediment samples collected from Woods Creek (M-4, M-11, and M-12) did not contain detectable concentrations of PCBs or heavy metals above the laboratory detection limits (Figure 4, Table 1). A composite soil sample was collected from several areas on the dirt roadways in the Former Salvage Yard Subarea by SHD (M-1). The analytical results showed concentrations of PCBs below the current MTCA Method A residential soil cleanup levels, and concentrations of cadmium and lead above the current MTCA Method A residential soil cleanup levels.

EMCON also conducted an investigation of the Former Salvage Yard Subarea (EMCON, July 26, 1996), as shown on Figure 4, Table 1. The stated objective of the investigation was to gather information to assess the extent of contaminants identified during previous investigations at the Former Salvage Yard Subarea. EMCON reached the following conclusions:

- Concentrations of PCBs in soil above the MTCA Method A residential soil cleanup levels did not appear to extend beyond a limited area near the electric room (#23, Figure 4).
- Concentrations of cadmium, chromium, and lead in soil above the MTCA Method A residential soil cleanup levels were detected in shallow soils in limited areas.
- One of six groundwater samples collected from groundwater wells located on the Former Salvage Yard Subarea contained concentrations of total lead above the MTCA Method A cleanup level for groundwater (Figure 5, Tables 2 and 3); however, metals detected in the groundwater sample were interpreted by EMCON to be related to soil particulates and were not considered to be indicative of dissolved concentrations. showed concentrations of TPH and dissolved lead below the MTCA Method A cleanup levels for groundwater.
- Concentrations of TPH above the MTCA Method A residential soil cleanup levels were detected in shallow soils at several locations throughout the Former Salvage Yard Subarea.

EMCON collected additional soil samples in September 1996 from the Former Lumber Mill Subarea to determine whether the PCBs contamination resulting from a damaged electric transformer during a fire extended beneath the concrete foundation of the electrical room, to delineate the extent of the PCBs in the vicinity of the release, and to characterize the dark-stained soils noted at the southeast side of the electrical room (Figure 4) (EMCON, October 25 1996). The results of the investigation confirmed that the PCBs contamination did not extend beneath the concrete foundation of the electrical room, that the PCBs contamination was limited to within a two-foot radius of the transformer location, and that the dark-stained soils at the southeast side of the electrical room contained concentrations of PCBs above the MTCA Method A residential soil cleanup levels (Sample MAS-SAS, Table 1).

PBS Environmental (PBS) monitored and sampled four groundwater monitoring wells located on the Former Salvage Yard Subarea in March 1997 (PBS, April 23 1997). The analytical results of the groundwater samples confirmed that concentrations of TPH, PCBs, and dissolved metals were below the laboratory detection limits in the groundwater samples collected from the monitoring wells sampled. PBS calculated the direction of groundwater flow to the south, towards Woods Creek.

The Shell Oil Company (Shell) conducted a historical investigation in February 1999 of the Former Bulk Fuel Storage Subarea (Shell, February 25 1999). According to the Shell report, a former Standard Oil bulk fuel storage facility was located adjacent to and north of the Former Salvage Yard Subarea. Shell also indicated that a steam laundry was formerly located where the office building at the Former Salvage Yard Subarea is currently located.

3.3 INTERIM REMEDIAL ACTIONS

Glacier Environmental Services, Incorporated (Glacier) removed approximately 18 tons of PCBs-impacted soil from the southeast side of the electrical room in March 1997 (#23, Figure 4). The analytical results of soil samples collected after completion of the excavation (samples G-MAS-01, Figure 4, Table 1) confirmed that all soil with concentrations of PCBs above the MTCA Method A residential soil cleanup levels had been removed from this area. No other interim remedial actions have been conducted at the East Subareas.

4.0 ENVIRONMENTAL SETTING

The environmental setting of the East Subareas is based on published geologic and hydrologic literature, subsurface sampling conducted during the previous investigations and by Farallon, observations by Farallon of the East Subareas and the properties and land uses in the vicinity of the East Subareas, and other information.

4.1 REGIONAL GEOLOGY

Quaternary sediments deposited by multiple glacial episodes underlie the Puget Sound Region. Deposition occurred during a number of glacial advances and retreats that created the existing subsurface conditions. The regional sediments consist primarily of interlayered and/or sequential deposits of recent alluvial clays, silts, sands, and gravels that are typically situated over deposits of glacial till. Advance outwash sediments consisting of gravels, sands, silts, and clays that were deposited by rivers, streams, and post-glacial lakes during the glacial advances underlie the glacial till. Subsequent glacial advances overrode and consolidated these deposits. With the exception of the most recent recessional deposits, the outwash sediments have been over-consolidated by the overriding ice sheets.

The East Subareas are underlain by imported fill ranging from two to 15 feet thick (along the south side of the East Subareas, on top of the steep slope). The fill consists of silt, sand, gravel, and debris. Underlying the fill is dense to very dense sand and silty sand, grading to gravel with cobbles to a depth of 25 to 30 feet bgs. Underlying the gravel is a very stiff to hard gravelly sandy silt. These soils are consistent with regional geologic mapping.

4.2 HYDROGEOLOGIC CONDITIONS

Groundwater migration in the Puget Sound region is generally confined to the most recent alluvial deposits overlaying the glacial till or over-consolidated sands and gravels which underlie the glacial till. The dense and relatively impermeable nature of the till and the commonly discontinuous lateral continuity of the aquifer-bearing materials impede lateral and vertical migration of the groundwater. Documented laboratory testing has shown that the permeability of glacial till typically ranges from 10^{-5} to 10^{-7} centimeters per second. This permeability range is considered to be relatively low. Over-consolidated clays have a similar range, while sands and gravels have relatively high permeability rates. Perched and discontinuous zones of shallow groundwater may be seasonally and locally present above the impervious till.

Groundwater has been encountered from 20 to 26 feet bgs in the sand/gravel that underlies the East Subareas. The direction of groundwater flow has been calculated in previous investigations to the south, towards Woods Creek. The groundwater gradient has been calculated to range from 0.008 to 0.016 feet/foot.

4.3 WATER SUPPLY AND SEWER DISCHARGES

The city of Monroe provides potable water service and sanitary service to the East Subareas and all properties in the vicinity of the East Subareas. There are no groundwater wells for domestic use within ½ mile of the East Subareas.

4.4 SURFACE WATER

Woods Creek is a salmon-bearing stream, which drains a large basin area to the north and east of the city of Monroe and discharges to the Skykomish River. The water quality of Woods Creek meets the requirements for a Class B General Water Use and Criteria Classes under of Chapter 173-201A WAC for surface waters of the State of Washington. The surface water from Woods Creek is not used for domestic water supply.

5.0 TECHNICAL REQUIREMENTS

The following technical requirements have been used for development and completion of the RI/FS and evaluation of the selected cleanup action.

5.1 LAND USE

The East Subareas are located in the area classified as Old Town Monroe by the city of Monroe Comprehensive Plan adopted January 11, 1995 (Comprehensive Plan), and are currently zoned General Industrial (GI). The Comprehensive Plan indicates that the East Subareas will continue to be zoned as General Industrial (GI) for the near future. The surrounding properties are zoned Industrial, Commercial, Residential, and Public Open Space. Most of the adjacent properties are currently used for residential or light commercial purposes (Figure 3).

Farallon has discussed the East Subareas with Ms. Nichole Barid, an Associate Planner with the city of Monroe. Ms. Barid indicated that the Comprehensive Plan is scheduled to be revised within the next two years, and that the Old Town Monroe area, which includes the East Subareas, will likely be rezoned to commercial and residential uses in the revision. However, Ms. Barid indicated that Ms. Jensen will be able to continue industrial operations at the East Subareas so long as Ms. Jensen does not permanently discontinue operations at the East Subareas.

5.2 GROUNDWATER USE

Groundwater is not used as a domestic resource within the vicinity of the East Subareas. The city of Monroe provides potable water to all of the properties in the vicinity of the East Subareas. Prior investigations indicate that groundwater underlying the East Subareas discharges to Woods Creek.

5.3 SURFACE WATER USE

The surface water of Woods Creek provides spawning habitat for salmonoids. The surface water is not used as a domestic, commercial, or industrial water source.

5.4 MEDIA OF CONCERN

Previous investigations have shown that soil is a medium of concern at the East Subareas. Based on the historical uses and the limited data available from previous investigations, groundwater was identified as a potential medium of concern pending the results of this RI/FS. The results of previous investigations confirm that surface water and stream sediments are not media of concern at the east subareas.

5.5 POTENTIAL CONSTITUENTS OF CONCERN

The potential constituents of concern were identified in the RI/FS Work Plan. This identification was based on a comparison of available analytical results for soil and groundwater samples from previous investigations with the applicable MTCA Method A cleanup levels, review of historical uses of the East Subareas and adjacent properties, and analysis of possible off-site sources. The potential constituents of concern identified in the RI/FS Work Plan for the East Subareas are:

- Total petroleum hydrocarbons (TPH) in the gasoline, diesel, and oil ranges,
- Benzene, ethylbenzene, toluene, and xylenes (BTEX),
- Polychlorinated biphenyls (PCBs),
- Polycyclic Aromatic hydrocarbons (PAHs),
- Volatile organic compounds (VOCs), and
- Metals (lead, cadmium, and chromium).

Concentrations of VOCs have not been detected in the limited sampling and analysis conducted prior to this RI/FS; however, the potential that solvents were used in connection with auto salvage operations or prior steam laundry operations at the Former Salvage Yard Subarea, required analysis for these potential constituents of concern.

5.6 SOURCE CHARACTERISTICS

The timing of the releases at the East Subareas are not specifically known. It is assumed that releases to the soil occurred between the 1950s and 1990s, during auto salvage and lumber mill operations. The nature (location, quantity, chemical composition, and concentration) of the contaminant sources is not known. Suspected sources include above ground storage tanks (ASTs), underground storage tanks (USTs), 55-gallon drums, transformers, operating equipment, uncontrolled wastewater discharges, and automobiles historically stored throughout the East Subareas.

6.0 REMEDIAL INVESTIGATION

This section summarizes the results of the remedial investigation conducted at the East Subareas in accordance with the RI/FS Work Plan.

6.1 SCOPE OF WORK

As defined in the RI/FS Work Plan, the objective of the remedial investigation is to define the constituents and media of concern and to sufficiently characterize the nature and extent of concentrations of the constituents of concern in soil and groundwater to support the evaluation and selection of a technically feasible cleanup action. Prior to the RI/FS, the horizontal and vertical extent of the constituents of concern had not been defined outside a limited area of shallow soil.

The RI/FS Work Plan segregated the Monroe Auto Salvage Site into three subareas, including the Former Salvage Yard Subarea and the Former Lumber Mill Subarea (Figure 2). The boundary between these two subareas was originally defined based on information available when the RI/FS Work Plan was prepared. Information obtained during the RI/FS indicates that the boundaries set forth in the RI/FS Work Plan do not accurately represent the historic ownership of the East Subareas. Figure 6 shows the parcel boundaries between the area historically owned by the salvage yard and the area historically owned by the lumber mill.

6.2 REVIEW OF HISTORICAL INFORMATION

Farallon conducted a review of available historical information of the East Subareas and properties in the vicinity.. Information obtained from previous investigations conducted at the East Subareas is summarized in Section 3.0 of this RI/FS report. Additional information obtained during the performance of this RI/FS is summarized here.

6.2.1 Adjacent Properties

Former Bulk Fuel Storage Subarea

The Former Bulk Fuel Storage Subarea, also known as Parcel 6, is part of the Monroe Auto Salvage Site. This RI/FS does not, however, encompass the Former Bulk Fuel Storage Subarea. The Former Bulk Fuel Storage Subarea will be the focus of a separate remedial investigation and feasibility study.

The Former Bulk Fuel Storage Subarea is located directly north of the Former Salvage Yard Subarea and directly west of the Former Lumber Mill Subarea (Figure 2). According to the Shell report (Shell February 25, 1999), Shell Oil leased portions of Lots 1 through 6 of the Former Bulk Fuel Storage Subarea from 1926 to 1969 from the Great Northern Railway Company. Shell Oil operated a bulk fuel plant at this location, storing refined petroleum products, including gasoline, diesel, and home heating oil. The bulk fuel plant was sold to Mr. Dillon F. Johnson in 1969, who continued to operate the facility as a bulk fuel storage facility into the late 1970s. At the time of sale to Mr. Johnson, the property contained three 25,000-gallon vertical ASTs, two 6,000-gallon horizontal ASTs, one 4,000-gallon UST, one 2,000-gallon UST, as well as piping, valves, fittings, pumps and other equipment associated with the operation of the bulk fuel plant.

The Shell report also indicated that Texaco operated a bulk fuel storage facility on the northern portion of the Former Bulk Fuel Storage Subarea. Shell's records indicate that Texaco's bulk fuel storage facility had two gasoline ASTs of unknown capacity, one 1,000-gallon gasoline UST, and one 1,000-gallon diesel UST.

Former Union Oil Bulk Fuel Storage Facility

Union Oil operated a bulk fuel storage facility immediately west of the Former Bulk Fuel Storage Subarea (Figure 2). Available records do not reveal the exact dates of operation of this facility. However, Shell records indicate that the facility contained four oil ASTs, an oil pumphouse, an oil warehouse, and a filling shed.

Schultz Distributing

Schultz Distributing is located directly north of the Former Lumber Mill Subarea and is bordered by Simons Road to the south and Railroad Avenue to the north (Figure 2). Schultz Distributing is currently operating a bulk fuel storage facility at the property. Available records do not indicate the year in which the bulk fuel storage facility began operations. The facility was originally owned by Standard Oil, and sold to Chevron Products at an unknown date. In 1979, Chevron Products sold the facility to Mr. Stanley Morgan who sold the facility to Schultz Distributing in 1980. The facility currently contains four ASTs, one 2,000-gallon heating oil AST, one 12,000-gallon regular gasoline AST, one 10,000-gallon gasoline AST, and one 12,000-gallon diesel AST.

GeoEngineers has documented a historical release at the Schultz Distributing property of approximately 250 gallons of diesel (GeoEngineers, January 20, 1992). Shallow subsurface soil sampling conducted after the spill detected concentrations of gasoline and diesel exceeding the MTCA Method A residential soil cleanup levels. Petroleum hydrocarbon product was found floating on groundwater in the monitoring wells located at the Schultz Distributing property. GeoEngineers recommended that the contaminated soil be excavated and that groundwater continue to be monitored for the presence of free product.

In a report by Applied Geotechnology, Inc. (AGI, April 27, 1992), it was noted that there was another historical release of "kerosene-like fuel" at the Schultz Distributing property prior to the documented diesel spill. AGI installed three additional monitoring wells at the Shultz Distributing property in February 1992. It was noted in March 1992 that two of the newly installed wells had a "hydrocarbon-like" sheen. It was also noted that concentrations of gasoline, diesel, and BTEX exceeded the MTCA Method A cleanup levels for groundwater.

AGI installed and operated a groundwater remediation system at the Shultz Distributing property from 1993 to approximately 1997. It appears that concentrations of TPH and BTEX in groundwater at the Schultz Distributing property now meet the MTCA Method A cleanup levels for groundwater. It also appears that Schultz Distributing has requested a written determination by Ecology that no further action is necessary at the Schultz Distributing property. Farallon did not find any documentation in Ecology files indicating that Ecology has issued a no further action letter for the Schultz Distributing property.

Other Facilities

An EDR-Radius data base search map was attached as part of the Shell report. The data base search indicated that there were five properties within a ½ mile radius of the East Subareas that had leaking underground storage tanks (LUSTs). Additionally there are seven facilities within a ¼ mile radius of the East Subareas that had USTs.

Potential Off-Site Sources

There is no evidence that concentrations of TPH had migrated from the Schultz Distributing property to the Former Salvage Yard or Former Lumber Mill Subareas based on information in the AGI report and this investigation. Analytical results of groundwater samples collected during this and previous investigations from MW-4 (Figure 5), located on the Former Salvage Yard Subarea, immediately downgradient of the Schultz Distributing property, have been non-detect for any of the constituents of concern in all sampling events. The facilities identified in the Shell data base search do not represent potential off-site sources to the East Subareas based on geologic conditions and their geographic distance from the East Subareas.

6.2.2 Aerial Photograph Review

Farallon reviewed a series of historical aerial photographs that include the East Subareas and properties in the vicinity of the East Subareas. Features visible on the aerial photographs are described below:

- **1948** - The Former Lumber Mill Subarea is undeveloped and cleared of trees. Residences are located directly to the west. The Former Salvage Yard Subarea appears to have a small number of cars and salvaged materials located on the northern end of the property, while a small portion is being used for agriculture. The former Shell, Texaco, Schultz Distributing, and Union Oil bulk fuel storage facilities are operating and have inventories of ASTs as described above. A railroad spur appears to extend through the northern portion of the Former Bulk Fuel Storage Subarea and ends at the corner of Fremont and Ann Streets.

- **1955** - The Former Lumber Mill Subarea appears to be in operation with visible stacks of lumber, materials, and equipment associated with this operation. The Former Salvage Yard Subarea has numerous automobiles present, and the current warehouse and office located at the entrance of the facility has been constructed. The railroad spur to the Shell and Texaco bulk fuel storage facilities appears to have been abandoned, but operations at the Shell and Texaco facilities, as well as other adjacent bulk fuel storage facilities, appear to be unchanged from the previous aerial photograph.

- **1960**- The Former Lumber Mill Subarea operations appear to have expanded from the previous aerial photographs. Additional materials and buildings are present that were not present in previous years. Operations at the Former Salvage Yard Subarea have also increased, with numerous automobiles and other salvage material visible. A building has been constructed immediately adjacent to the warehouse and office observed in the 1955 aerial photograph. The operations at all of the bulk fuel storage facilities appear to remain unchanged.

- **1976** - The Former Lumber Mill Subarea operations appear to have expanded from previous years. There are additional buildings and equipment present north of Simons Road that appear to be associated with the lumber mill. The Former Salvage Yard Subarea has fewer cars and material than in previous years, except that a large pile of tires is now present. There is no evident change in the features at the Shell, Texaco, or Schultz Distributing bulk fuel storage facilities. However, the ASTs at the Union Oil bulk fuel storage facility have been removed and it appears that operations at this facility have discontinued.

- **1981** - The operations at the Former Lumber Mill Subarea appear to remain unchanged from previous years. The operations at the Former Salvage Yard Subarea have expanded. It appears that the operations at the Former Salvage

Yard Subarea now occupy both the Former Shell and Texaco bulk fuel storage facilities. The ASTs at the Shell and Texaco facilities appear to have been removed. An apartment complex exists where the former Union Oil bulk fuel storage facility once operated. The features at the Schultz Distributing bulk fuel storage facility appear to have remained unchanged from previous years.

Photographs that appear to have been taken after 1981 but before approximately 1990 indicate that the lumber mill operations at the Former Lumber Mill Subarea have ceased and that the salvage yard operations have expanded into the Former Lumber Mill Subarea. Automobiles and tire piles continue to occupy the Former Salvage Yard Subarea as well as the Former Bulk Fuel Storage Subarea.

6.2.3 Interviews

Farallon interviewed employees of Monroe Auto Salvage familiar with past operating practices at both the Former Salvage Yard and Former Lumber Mill Subareas. The information obtained from the interviews indicate that there may have been a gasoline UST located north of the entrance to the Former Salvage Yard Subarea (see #20 on Figure 2). An employee indicated that the pump to the UST was removed in the early 1980s when the current gate to the entrance of the Former Salvage Yard Subarea was installed. This same employee indicated that the fill pipe was accidentally broken off in the early 1980s and that a strong odor of gasoline was observed when the fill pipe was broken. Ms. Jensen confirmed that the UST had been removed but was unsure of the removal date. There was no documentation regarding this UST in the Ecology files.

Employees also indicated that there was a diesel AST located at the Former Lumber Mill Subarea (See #21 on Figure 2). The employees did not know the size of the AST or if a spill had occurred. There are no records at Ecology that indicate whether the AST was registered or what year the tank was removed.

6.3 SAMPLE COLLECTION

The sampling methods, sampling protocols, and sample locations were originally defined in the RI/FS Work Plan. The original sampling plan was slightly modified to accommodate information obtained during the RI/FS Field Investigation. This section discusses the sampling methods, sample locations, and sample protocols that were defined in and/or modified from the RI/FS Work Plan.

6.3.1 Soil Sample Collection

Farallon excavated 22 test pits in the East Subareas for collection of soil samples for laboratory analysis. The test pit locations were selected in accordance with the RI/FS Work Plan based on analytical results from previous investigations, potential source areas, past operations, and field observations. The test pits were excavated to an average depth of 15 feet bgs at locations defined in the RI/FS Work Plan.

Farallon drilled three soil borings at the Former Salvage Yard Subarea to collect soil samples at depths greater than 15 feet bgs and to install two groundwater monitoring wells (MW-8 and MW-9) in accordance with the RI/FS Work Plan. Although the RI/FS Work Plan only required that one boring be installed for the RI/FS, two additional borings were drilled to evaluate soil and groundwater conditions in close proximity to a suspected UST located at the Former Salvage Yard Subarea (See #20 on Figure 2).

The test pits and soil boring locations are shown on Figure 4. Test pit and boring logs summarizing the soil descriptions observed in the field are attached in Appendix A.

6.3.1.1 Soil Sampling Methods

Shallow soil samples were collected by Farallon at selected locations using a rubber tired extend-a-hoe. The soil samples were collected directly from the excavation in test pits at depths less than three feet bgs and from the backhoe buckets from test pits greater than three feet bgs. Soil samples were collected at depths of more than three feet bgs from a hollow stem auger.

Each soil sample was transferred into a laboratory-provided glass sample jar using a clean stainless steel trowel. The sample jars were completely filled, immediately sealed with Teflon lined screw caps, and placed on ice in a field cooler pending delivery to the analytical laboratory. The sample containers were clearly labeled using the sample number system defined in the RI/FS Work Plan. Chain-of-custody procedures were followed for all sampling events. The test pits were backfilled with the excavated soil.

6.3.1.2 Soil Sampling Locations and Intervals

Test pit locations were selected based on available historical information, including the analytical results of previous investigations, aerial photographs, interviews with on-site personnel, and field observations. A modified grid system was used to select the test pit and boring locations.

Soil samples were collected from each test pit at selected depths to characterize the vertical extent of potential contamination within shallow (less than 15 feet bgs) soils. The soil sample depths were based on field observations, physical conditions of the soils, and historical information.

Soil samples were collected at depth near the water table to evaluate the potential for migration of contamination through the vadose zone. The soil samples collected at depth were submitted for laboratory analysis.

6.3.2 Groundwater Sampling

Groundwater samples were collected from existing groundwater monitoring wells installed prior to this RI/FS (HC-4, HC-5, MW-2, MW-3 and MW-4) and from groundwater monitoring wells installed during this RI/FS (MW-8 and MW-9) (Table 2 and 3).

6.3.2.1 Installation of Groundwater Monitoring Wells

Farallon installed two groundwater monitoring wells at the East Subareas for the RI/FS (MW-8 and MW-9)(Figure 5). These were constructed of 2-inch diameter PVC casing to a depth of 30 feet bgs and were screened from 15-30 feet bgs (MW8) and 15-25 feet bgs (MW9). The wells were installed and constructed in accordance with Chapter 173-160 WAC. Soil cuttings generated during drilling are stockpiled on-site pending the results of analytical testing. Well construction details for the monitoring wells installed by EMCON (1996), Hart Crowser (1990), and Farallon (1999) are summarized on Table 4. Boring logs and well construction details are attached in Appendix A.

The newly installed and existing groundwater monitoring wells were developed in accordance with standard protocols for well development. This included purging at least three well casing volumes from each well. The purged water was stored on-site in 55-gallon drums pending disposal.

6.3.2.2 Measurement of Groundwater Elevations

On August 12, 1999, Farallon measured the depth to groundwater in the seven groundwater monitoring wells located at the East Subareas. The depth to groundwater was measured in feet from the top of casing in each well. Farallon surveyed the top of casing of six of the groundwater monitoring wells to an on-site datum with a known elevation above mean sea level (MSL). Farallon was unable to survey the top of casing elevation in MW-8 due to restricted access. The depth to groundwater measurements are summarized on Table 5.

6.3.2.3 Collection of Groundwater Samples

Groundwater samples were collected from each of the seven groundwater monitoring wells located at the East Subareas in accordance with the protocols defined in the RI/FS Work Plan. The groundwater samples were decanted

directly into a laboratory-prepared glass sample jar, completely filled, immediately sealed with Teflon lined screw caps, and placed on ice in a field cooler pending delivery to the analytical laboratory. The sample containers were clearly labeled using the sample number and chain-of-custody procedures defined in the RI/FS Work Plan.

6.3.3 Stream Sediment Sample Collection

The SHD collected sediment samples (M-4, M-11, and M-12) from Woods Creek in July 1994 (SHD July 13, 1994). The sediment samples were analyzed for PCBs and heavy metals. In 1996, EMCON collected sediment samples in the vicinity of the sample locations selected by the SHD (MAS-06 and MAS-07) (EMCON July 26, 1996). The analytical results from both the SHD and EMCON investigations did not detect concentrations of PCBs or metals above the laboratory detection limits (Figure 4, Table 1). Based on these results and the analytical results of groundwater samples collected during previous investigations and this RI/FS, surface water and stream sediments do not appear to be affected by the contamination at the East Subareas and are not considered potential media of concern.

6.4 SELECTION OF SAMPLES FOR LABORATORY ANALYSIS

6.4.1 Soil Samples

Soil samples collected for this RI/FS were screened in the field for visual evidence of contamination by using a photoionization detector (PID), visual staining, and other field screen techniques in accordance with the RI/FS Work Plan. Soil samples with obvious indications of contamination, such as staining or elevated PID, were analyzed for selected constituents. Additional criteria used for selection of the soil samples submitted for laboratory analysis include depth, location, proximity to source areas, and other field observations.

A tiered approach was used to determine which of the collected soil samples were analyzed by using the analytical results for the shallowest soil samples to determine which, if any, of the deeper soil samples at each sample location should be analyzed.

6.4.1.1 Total Petroleum Hydrocarbons

During this RI/FS, a total of 37 soil samples were submitted for analysis for TPH using Ecology Method NWTPH-HCID. Soil samples with detected concentrations of TPH based on the results of the HCID were quantified for diesel, oil, or gasoline range hydrocarbons using Ecology Method NWTPH-Dx or Gx, depending on the results of the HCID analysis. A total of 25 soil samples were analyzed for NWTPH-Dx and/or Gx.

The two soil samples with the highest concentrations of diesel and gasoline were analyzed for extractable hydrocarbons (EPH) to determine the concentrations of aliphatics/aromatics for use in calculating a MTCA Method B cleanup level for TPH using the *Interim Interpreting and Policy Statement cleanup of total*

petroleum hydrocarbons (TPH). Ecology 1997 (Interim TPH Guidelines). These soil samples were also analyzed for PAHs.

6.4.1.2 PCBs

During this RI/FS, a total of 15 soil samples were submitted for analysis for PCBs using EPA Method 8082. Soil samples with the highest concentrations of TPH, based on the results of the HCID and/or WTPH analyses, or in close proximity to areas where previous investigations found elevated concentrations of PCBs, were submitted for PCBs analysis.

6.4.1.3 Metals

During this RI/FS, a total of 24 soil samples were submitted for analysis for lead, cadmium, and chromium using EPA Method 6062. Soil samples submitted for metals analysis were selected based on their proximity to potential source areas, proximity to areas where previous sampling indicated elevated concentrations of metals, or the known presence of elevated concentrations of TPH based on the results of the HCID and/or TPH analysis conducted for this RI/FS.

6.4.1.4 Volatile Organic Compounds

A total of two soil samples collected from the Former Lumber Mill Subarea were submitted for analysis for VOCs by EPA Method 8021B. The soil samples submitted for VOCs analysis were selected based on their proximity to an area where past practices may have included the use of VOCs.

6.4.2 Groundwater Samples

All of the groundwater samples collected from the East Subareas were analyzed for all of the potential constituents of concern identified in the RI/FS Work Plan.

6.5 ANALYTICAL RESULTS

6.5.1 Soil Sample Analytical Results

Soil samples collected for this RI/FS field investigation were submitted to North Creek Analytical, which is an accredited laboratory. The analytical methods used by North Creek include:

- Hydrocarbon Identification by Ecology Method NWTPH-HCID,
- Total petroleum hydrocarbons in the diesel and motor oil ranges by Ecology Method NWTPH-Dx,
- Total petroleum hydrocarbons in the gasoline range by Ecology Method NWTPH-Gx,
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B,
- PCBs by EPA Method 8082,
- PAHs by EPA Method 8270C,
- Extractable hydrocarbons/aliphatic/aromatic fractions by Ecology Interim TPH Guidelines,
- VOCs by EPA Method 8021B, and
- Lead, cadmium and chromium by EPA Method 6020.

Analytical results of soil samples collected during previous investigations are summarized on Table 1 and have been incorporated in the discussion below. Analytical laboratory reports are attached in Appendix B.

6.5.1.1 Total Petroleum Hydrocarbons

During previous investigations, a total of 31 soil samples were collected for TPH analysis from the East Subareas (Table 1). The majority of the samples were collected at depths of 6 inches bgs, with a limited number of samples collected at five, 15, and 20 feet bgs. The concentrations of TPH in the soil samples collected at a depth of 6 inches bgs ranged from non-detect to 24,000 milligrams per kilogram (mg/Kg). The analytical results of soil samples collected at five, 15 and 20 feet bgs were non-detect, with the exception of the sample collected at five feet bgs at MW-1 which had 290 mg/Kg TPH oil and at MW-2 which had TPH concentrations of 2,060 mg/Kg diesel and 4,120 mg/Kg at the base of a layer of fill (Figure 4). The analytical results are summarized on Table 1.

During this RI/FS, a total of 37 soil samples were collected from the East Subareas for analysis using Ecology Method NWTHP-HCID. The analytical results are summarized on Table 6 (samples collected on the Former Lumber Mill Subarea) and Table 7 (samples collected on the Former Salvage Yard Subarea). Of the 37 soil samples analyzed for TPH using Ecology Method NWTPH-HCID, only six detected concentrations of TPH above the laboratory reporting limit, three of which were analyzed by NWTPH-Dx to quantify the TPH concentrations. A total of 26 soil samples, including the three samples analyzed by Ecology Method NWTPH-HCID, were analyzed by Ecology Method NWTPH-DX and/or Gx. The method reporting limits for all analytes meet the data quality objectives established in the Quality Assurance Project Plan (QAPP) included with the RI/FS Work Plan.

In the Former Salvage Yard Subarea, concentrations of TPH above the MTCA Method A residential soil cleanup levels occurred in four of the 19 soil samples analyzed: FSY-TP2 at one foot bgs, FSY-TP3 at 10 feet bgs, FSY-TP9 at one foot bgs, and FSY-TP14 at one foot bgs (Table 8). With respect to the Former Lumber Mill Area, concentrations of TPH above the MTCA Method A residential soil cleanup level were detected in one sample at 10 feet bgs at TP-1 (FLM-TP-1, 1,430 mg/Kg as diesel), and one sample at 15 feet bgs at TP8 (FLM-TP-8, 2,050 mg/Kg as oil) (Table 9). The soil samples collected at 15 feet bgs from FLM-TP-8 and at 10 feet bgs from FLM-TP-1 were submitted for EPH/aromatic/aliphatic and PAH analyses (Table 10).

The results of the EPH/aromatic/aliphatic analysis have been used to calculate a MTCA Method B cleanup level in accordance with the Interim TPH Guidelines. This calculation is discussed in more detail in Section 8.2 of this RI/FS report. The analytical results are summarized on Table 10.

6.5.1.2 Metals

During previous investigations conducted by EMCON, a total of 32 soil samples collected from the East Subareas were analyzed for cadmium, chromium, and lead (EMCON, July 26, 1996). The majority of the soil samples analyzed for metals were collected at a depth of six inches bgs, with a limited number of samples collected at five, 15, and 20 feet bgs. The analytical results of the shallow soil samples showed concentrations of cadmium from non-detect to 17 mg/Kg, chromium from 16 to 120 mg/Kg, and lead from non-detect to 964 mg/Kg. The high concentrations of lead occurred in soil samples that also contained high concentrations of TPH. Soil samples with the highest concentrations of lead were submitted for analysis by Toxicity Characteristic Leading Potential (TCLP). The analytical results showed leachable lead concentrations ranging from 0.27 mg/L to 2.95 mg/L, which are below the Ecology criteria for designation as a dangerous waste (WAC 173-303). The analytical results are summarized on Table 1.

During this RI/FS, a total of 24 soil samples were collected from the East Subareas for analysis for lead, cadmium, and chromium. None of the soil samples contained concentrations of lead, cadmium, or chromium above the MTCA Method A residential soil cleanup levels. The analytical results are summarized on Table 11.

6.5.1.3 PCBs

During previous investigations conducted by EMCON, a total of 36 soil samples were collected from the East Subareas for PCBs analysis (EMCON, July 26, 1996). Concentrations of PCBs were not detected above the laboratory detection limits in any of the soil samples submitted for analysis, with the exception of one composite soil sample submitted for waste disposal characterization that was subsequently removed during the interim action (sample MAS-SAS, Table 1), and sample M3, collected prior to the interim action excavation. Soil samples were also collected from the sides of Woods Creek and from sediments within Woods Creek (M-4, M-11, M-12, MAS-06 and MAS-07) (Figure 4). The analytical results of the soil and sediment samples did not detect concentrations of PCBs above the laboratory detection limits. The analytical results for PCBs are summarized on Table 1.

During this RI/FS, a total of 15 soil samples were collected from the East Subareas for PCBs analysis PCBs. Concentrations of PCBs were detected in the soil sample collected from the Former Lumber Mill Subarea TP-8 at a depth of 15 feet bgs, which is at the base of fill material that also contains high concentrations of TPH. The concentration of PCBs (Aroclor 360) is 360 ug/Kg, which is below the MTCA Method A residential soil cleanup levels. Concentrations of PCBs were also detected in a soil sample collected from the Former Salvage Yard Subarea at TP-1 and TP-10 at depths of six inches and one foot bgs, where high concentrations of TPH were also detected (Figure 1). The concentrations of PCBs in these samples are also below the MTCA Method residential soil cleanup levels. None of the other soil samples collected for this RI/FS PCBs had detectable concentrations of PCBs above the laboratory reporting limits. The analytical results for PCBs are summarized on Table 12.

6.5.1.4 Volatile Organic Compounds

During this RI/FS, a total of two soil samples were submitted for VOCs analysis. Concentrations of VOCs were not detected above the laboratory reporting limits in either of the soil samples submitted for analysis.

6.5.1.5 EPH and PAH

During this RI/FS, a total of two soil samples were submitted for analysis for EPH and PAHs. The concentrations of aliphatics and aromatics reported from this analysis have been used to calculate a cleanup level in accordance with the Interim TPH Guidelines, as discussed in Section 8.2 of this RI/FS report. Concentrations of PAHs were detected above the laboratory detection limits in both of the soil samples submitted for analysis, but were well below MTCA

Method A and B Cleanup Levels. The analytical results are summarized on Table 10.

6.5.2 Groundwater Sample Analytical Results

All of the groundwater samples were analyzed for the following constituents:

- Petroleum hydrocarbons in the diesel and motor oil ranges by Ecology Method NWTPH-Dx,
- Petroleum hydrocarbons in the gasoline range and BTEX by Ecology Method NWTPH-Gx,
- PCBs by EPA Method 8082,
- VOCs by EPA Method 8260,
- PAHs by EPA Method 8270, and
- Total and dissolved lead, cadmium, and chromium by EPA Method 6020 (laboratory filtered).

The analytical results of groundwater samples collected for this RI/FS and in previous investigations are summarized on Tables 2 and 3. None of the analytes detected in the groundwater samples collected for this RI/FS or in previous investigations were above applicable MTCA Method A cleanup levels for groundwater.

6.5.3 Stream Sediment Sample Analytical Results

The analytical results of sediment samples collected during previous investigations (SHD July 17, 1994; EMCON July 26, 1996) are summarized on Table 1. Neither PCBs nor metals were detected in the sediment samples collected in previous investigations. Sediment and surface water samples were not collected for this RI/FS.

6.6 DATA VALIDATION

Farallon reviewed the analytical results from the soil samples collected for this RI/FS for data validation and quality assurance/quality control QA/QC in accordance with the protocols defined in the QAPP in the RI/FS Work Plan. The results of the QA/QC review indicate that the analytical results meet the requirements of the data quality objectives. The QA/QC data is provided with the laboratory reports in Appendix B.

6.7 SUBSURFACE CONDITIONS

6.7.1 Soil

Soil encountered in the test pits and soil borings consisted of silty sand, sandy gravel, and gravel to the maximum depth of the borings at 30 feet bgs. A clayey silt layer was observed in some of the test pits at depths of 15 to 20 feet bgs. The sand was light brown to brown, dry, and medium dense to dense. The soils observed in the borings are consistent with regional geologic mapping that indicate alluvial sediments in the area.

Fill was observed to a depth of five to 15 feet bgs along the top slope on the southern portion of the East Subareas. The fill appeared to consist of native soil that may have been pushed over the top slope during grading of the East Subareas. The fill was observed to a depth of 15 feet bgs on the southern portion of the Former Lumber Mill Subarea near test pit TP-8, and was observed to a depth of approximately five feet bgs on the southern portion of the Former Salvage Yard Subarea near test pit TP-2 (Figure 4).

Fill was also observed on the Former Lumber Mill Subarea near the location of a former AST at test pit TP-1. The fill extended to a depth of approximately 10 feet bgs and consisted of clean sand.

6.7.2 Groundwater

Groundwater was measured in the groundwater monitoring wells at depths of 20 to 26 feet bgs. The depth to groundwater measured during the field investigation for this RI/FS is consistent with measurements taken during previous investigations (Table 5).

The groundwater occurs in sandy gravel that underlies the sands and silts observed at the surface. The gravels appear relatively permeable.

Farallon calculated a groundwater gradient based on the groundwater elevations collected during this RI/FS. The direction of groundwater flow at the East Subareas is to the west-southwest, towards Woods Creek, at a gradient that ranges from 0.002 to 0.02 feet/foot (Figure 7). This direction and gradient is consistent with the conclusions drawn in previous investigations.

7.0 RESULTS

7.1 IDENTIFIED CONSITUENTS OF CONCERN

7.1.1 Soil

The constituents of concern for the East Subareas have been defined based on the analytical results of soil samples collected during previous investigations and during this RI/FS. The only chemicals and metals found in soil at the East Subareas in concentrations above applicable MTCA Method A residential soil cleanup levels were:

- Total petroleum hydrocarbons as gasoline, diesel, and oil;
- Lead; and
- PCBs.

7.1.2 Groundwater

The analytical results of groundwater samples collected during previous investigations and during this RI/FS did not identify concentrations of any analytes above applicable MTCA Method A cleanup levels for groundwater. Therefore, there are no constituents of concern for groundwater at the East Subareas.

7.2 VERTICAL DISTRIBUTION IN SOIL

The analytical results of soil samples collected during previous investigations and during this RI/FS show that there are only limited areas where concentrations of the constituents of concern exceed the MTCA Method A residential soil cleanup levels. These discrete areas are generally restricted to shallow soils (less than one foot bgs) or where fill extends to depth (e.g., Former Lumber Mill TP-8 at 15 feet bgs and Former Salvage Yard TP-2 at five feet bgs). The data clearly indicate that the constituents of concern have not migrated to depth at the East Subareas. In addition, soil samples collected at depths near the groundwater table did not detect concentrations of any of the constituents of concern above the laboratory reporting limits.

7.3 LATERAL DISTRIBUTION IN SOIL

The lateral distribution of the constituents of concern above the MTCA Method A residential soil cleanup levels is not continuous across the East Subareas, and is limited to discrete locations in close proximity to known or potential sources. For example, the area in the vicinity of the former car crusher and parts storage areas on the Former Salvage Yard Subarea showed the highest concentrations of TPH and lead at shallow depths (Figure 4). However, the extent of the contamination in this area appears to be limited to areas of staining associated with small releases from stored equipment. The distribution of the constituents of concern on the Former Lumber Mill Subarea is also limited to shallow soils near known sources and at the base of fill material.

7.4 RELEASES FROM POTENTIAL SOURCES

Farallon evaluated the potential for a release from a former UST location on the east side of Ann Street, near the entrance to the Former Salvage Yard Subarea (#20, Figure 2) where former/current employees of Monroe Auto Salvage indicated that a UST was located. Analytical results of soil and groundwater samples collected in close proximity to the suspected UST location did not detect concentrations of TPH above the laboratory reporting limits.

Farallon also evaluated the potential for a release from a former AST located on the northwest portion of the Former Lumber Mill Subarea (#21, Figure 2). Former/current employees of Monroe Auto Salvage have indicated that the AST had been used for diesel storage during operation of the lumber mill. Analytical results of soil samples collected in close proximity to the former AST location detected concentrations of TPH above the MTCA Method A residential soil cleanup levels (FLM-TP-1) at a depth of 10 feet bgs, below what appeared to be clean fill.

8.0 FEASIBILITY STUDY

This section presents the results of the feasibility study for cleanup of the East Subareas. The feasibility study has been prepared in accordance with WAC 173-340-350 and WAC 173-340-360. Land use restrictions, access limitations, and constituents of concern limit the technically feasible cleanup action alternatives. The feasibility study only addresses those technologies that are feasible within these limitations.

8.1 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS

The objective of the cleanup action at the East Subareas is to eliminate the risk to human health and the environment and obtain a written determination from Ecology that no further action (NFA) is necessary for the East Subareas. This objective has been evaluated with respect to Applicable or Relevant and Appropriate Requirements (ARARs) to develop site-specific cleanup levels. The site-specific cleanup levels have been selected to protect human health and environment, and comply with federal, state, and local ARARs as required by WAC 173-340-740.

The ARARs identified for the East Subareas include:

- MTCA (Chapter 70.105D RCW)
- MTCA Cleanup Regulations (Chapter 173-340 WAC)
- MTCA Cleanup Levels and Risk Calculations Update (CLARC II)
- State Environmental Policy Act (Chapters 197-11 and 173-802 WAC)
- City of Monroe Grading Permit

8.1.1 MTCA

MTCA (Chapter 70.105D RCW) and the regulations promulgated thereunder, the MTCA Cleanup Regulations (Chapter 173-340 WAC), establish the fundamental parameters for the performance and preparation of this RI/FS and the selection of a technically feasible cleanup action. This RI/FS has been performed in accordance with MTCA and the Cleanup Regulations.

8.1.2 Voluntary Cleanup Program

The RI/FS is being conducted as an independent action in accordance with the Voluntary Cleanup Program (VCP) with Ecology. The RI/FS is substantially equivalent to an Ecology conducted or supervised RI/FS.

8.1.3 Grading Permit

The city of Monroe requires a grading permit for excavations greater than 50 cubic yards of material. Excavations greater than 500 cubic yards require a SEPA checklist and a determination of non-significance (DNS). Because the selected remedial action may require excavation of more than 500 cubic yards and will be conducted as an independent action under the VCP, a grading permit application and a SEPA checklist will be submitted to the city of Monroe.

8.2 CLEANUP LEVELS

8.2.1 MTCA Cleanup Levels

The MTCA Method A residential soil cleanup levels have been selected as the applicable cleanup levels for soil at the East Subareas containing PCBs or lead. These cleanup levels were selected based on the current zoning and land uses of properties adjacent to and in the vicinity of the East Subareas, the proximity of Woods Creek to the East Subareas, and the projected future zoning and land uses of the East Subareas.

The Ecology MTCA Method B Interim TPH Guidelines have been used to calculate a specific cleanup level for soil at the East Subareas that is contaminated with TPH. Application of the Interim TPH Guidelines results in a cleanup level of 2,050 ppm for TPH. This cleanup level is deemed protective of human health and the environment due to the lack of risk associated with the specific nature and distribution of the TPH contamination at the East Subareas. The calculations used to develop the MTCA Method B cleanup levels using the Interim TPH Guidelines are attached in Appendix C. The calculations utilized the aliphatic/aromatic concentrations from soil samples with the highest concentrations of diesel and gasoline found on-site. The calculations assumed potable groundwater and residential zoning for the calculation.

In summary, the cleanup levels for the constituents of concern identified in the soil at the East Subareas are:

Compound	Cleanup Level
TPH	2,050 (MTCA Method B)
Lead	250 (MTCA Method A)
PCBs	1.0 (MTCA Method A)

8.3 TECHNICALLY FEASIBLE REMEDIAL ALTERNATIVES

This feasibility study identifies three potentially feasible technologies, including a "no action" alternative, for cleanup of the East Subareas. These remedial alternatives were developed based on the current zoning and land uses of properties adjacent to and in the vicinity of the East Subareas, the proximity of Woods Creek to the East Subareas, and the projected future zoning and land uses of the East Subareas. Furthermore, these alternatives are designed to achieve compliance with MTCA and all ARARs and to protect human health and the environment. A detailed description of each alternative is provided below.

In accordance with WAC 173-340-350, the feasibility study does not provide an evaluation of those remedial technologies that are clearly unsuitable for the East Subareas. Remedial technologies such as soil washing, soil stabilization, and batch treatment with concrete were screened out due to technical impracticability, unreasonable costs, and incompatibility with existing land use.

8.3.1 Alternative 1: No Action

8.3.1.1 Description

No cleanup action will be performed under Alternative 1. Institutional controls will be implemented as required by MTCA, including the recording of a restrictive covenant on the East Subareas, controlling surface water run-off, conducting long-term groundwater monitoring, and placing restrictions on the access and use of the East Subareas.

8.3.1.2 Estimated Implementation Timeframe

Surface and groundwater monitoring activities would be conducted on a quarterly basis. Installation of surface water control measures would require two to three months. Presuming landowner approval, it would take approximately four weeks to record a restrictive covenant on the East Subareas, with additional time needed if state or local agency approval of the specific wording of the covenant is required.

8.3.1.3 Permitting Requirements

A stormwater control plan with the city of Monroe may be necessary. No other permits will be required.

8.3.2 Alternative 2: Cover, Monitor, and Institutional Controls

8.3.2.1 Description

Alternative 2 involves the construction of an impermeable cover on the areas of the East Subareas where concentrations of the constituents of concern are found above applicable cleanup levels. This alternative also requires long-term groundwater monitoring, and the implementation of institutional controls. The construction of a cover could be incorporated into a site development plan for future use

8.3.2.2 Installation of a Cover

Under this alternative, a portion of the East Subareas would be covered with concrete or asphalt paving. A surface water control and conveyance system would also be installed to preclude stormwater contact with contaminated soil that remains on-site.

8.3.2.3 Monitoring

Monitoring of surface and groundwater would be performed quarterly for five years. Performance monitoring of the cover would be conducted on an annual basis to ensure that the surface water conveyance system and impermeable cover continues to function as designed.

8.3.2.4 Institutional Controls

Institutional controls would be implemented as required by MTCA, including the recording of a restrictive covenant on the East Subareas that would prohibit all activities that could disturb the cover.

8.3.2.5 Estimated Implementation Timeframe

The estimated permitting time frame is three months from application submittal. The estimated construction time is ten weeks, assuming favorable weather conditions.

8.3.2.6 Permitting Requirements

Because the work will be performed as an independent remedial action, a city of Monroe grading permit and a SEPA environmental checklist will be required. A stormwater discharge permit will also be required.

8.3.3 Alternative 3: Soil Excavation and Off-Site Disposal at an Approved Landfill

8.3.3.1 Description

Alternative 3 involves the excavation and off-site disposal of shallow soils at the East Subareas that contain concentrations of TPH, PCBs, and lead above the selected cleanup levels. The excavation would be limited to shallow soils using a hot-spot excavation approach for removal of known or suspected areas of contamination. The lateral distribution of the constituents of concern is limited to "hot spot" areas that do not require a wide spread, large-scale excavation. Using standard construction methods and equipment, an estimated 1,500 tons of contaminated soil will be removed from the East Subareas. Based on the data collected during the remedial investigation, it appears that the concentrations of lead will define the extent of the excavation.

The contaminated soil may be disposed of off-site at CSR in Everett, Washington, or TPS in Tacoma, Washington, or other disposal facilities available. The selected disposal facility will depend on cost and availability.

8.3.3.2 Institutional Controls

No institutional controls will be necessary under Alternative 3.

8.3.3.3 Estimated Implementation Timeframe

The estimated permitting time frame is two months from application submittal. The estimated construction time is seven weeks, assuming favorable weather conditions.

8.3.3.4 Permitting Requirements

Because the work will be performed as an independent remedial action, a city of Monroe grading permit and a SEPA environmental checklist will be required. A street use permit may be necessary to allow for the high truck traffic during soil export.

8.4 CLEANUP ACTION EVALUATION CRITERIA

All three remedial action alternatives are subject to the evaluation criteria set forth in WAC 173-340-360. WAC 173-340-360 sets forth both "threshold" and "balancing" criteria that must be taken into account for each remedial action alternative. These criteria were used in conjunction with the selected cleanup levels and cleanup action objectives to evaluate each of the remedial action alternatives.

8.4.1 Threshold Criteria

A remedial action alternative must satisfy all of the following threshold criteria as specified in WAC 173-340-360(2):

- Protect human health and the environment,
- Comply with cleanup standards,
- Comply with applicable state and federal laws and,
- Provide for compliance monitoring.

These criteria represent the minimum standards for an acceptable cleanup action. A detailed discussion of each criterion is presented below.

8.4.1.1 Protect Human Health and the Environment

This criterion evaluates how a remedial action alternative, as a whole, achieves and maintains protection of human health and the environment. The focus is on the extent to which the alternative achieves adequate protection and how potential risks are eliminated, reduced, or controlled through treatment, engineering, or institutional controls. An alternative is considered to be protective of human health and the environment if it achieves applicable MTCA cleanup standards.

8.4.1.2 Comply with Cleanup Standards

The methods to be used in establishing cleanup standards are described in Chapter 173-340 WAC. Separate cleanup standards must be established for each constituent of concern. MTCA cleanup standards have three components: (1) a cleanup level, (2) a point of compliance, and (3) additional regulatory requirements.

The appropriate cleanup levels for soil at the East Subareas containing lead and PCBs are the Method A residential soil cleanup levels. The appropriate cleanup level for soil at the East Subareas containing TPH is the specific PCBs MTCA Method B cleanup level as calculated by application of the Interim TPH Guidelines. The Method A and B residential soil cleanup levels have proven to be protective of human health in a residential setting and protective of groundwater quality.

A point of compliance is the location where cleanup levels must be attained. With respect to the East Subareas, the point of compliance is all soil within the property boundaries of the Former Salvage Yard and Former Lumber Mill Subareas.

8.4.1.3 Comply with Applicable State and Federal Laws

This criterion evaluates whether a remedial action alternative meets applicable or relevant and appropriate state and federal laws. These additional requirements, or ARARs, are described above.

8.4.1.4 Provide for Compliance Monitoring

Compliance monitoring ensures that human health and the environment are adequately protected during and after implementation of the selected cleanup action. MTCA regulations require that all cleanup actions provide for compliance monitoring, as follows:

- Protection monitoring to confirm that human health and the environment are adequately protected during construction of a cleanup action,
- Performance monitoring to confirm that cleanup actions have attained cleanup standards or alternate performance goals, and
- Conformational monitoring to establish the long-term effectiveness of a cleanup action.

8.4.2 Balancing Criteria

In addition to meeting the threshold criteria, cleanup actions under MTCA shall also:

- Use permanent solutions to the maximum extent possible,
- Provide for a reasonable restoration time frame, and
- Consider public concerns raised during public comment on the Cleanup Action Plan.

Each balancing criterion has additional components, as described below.

8.4.2.1 Use of Permanent Solutions to the Maximum Extent Practicable

Under MTCA, a remedial action alternative is considered a permanent solution if cleanup standards can be met and future actions are not required. Cleanup actions involving containment or institutional controls alone are generally not considered permanent solutions, nor are cleanup actions that rely primarily on dilution and

dispersion of the hazardous substances where active remedial measures are technically and economically feasible (WAC 173-340-360(5)).

MTCA recognizes that permanent solutions may not be practicable for all sites (WAC 173-340-360(5)(b)). Accordingly, under WAC 173-340-360(5)(b), a permanent solution must be used only "to the maximum extent possible." The factors that can be taken into account in evaluating the practicality of a remedial action alternative are as follows:

- Overall protectiveness of human health and the environment,
- Long-term effectiveness,
- Short-term effectiveness,
- Degree of reduction of toxicity, mobility, and volume of hazardous substances,
- Technical and administrative implementability,
- Cost, and
- Degree of community acceptance.

8.4.2.2 Provide for a Reasonable Restoration Time Frame

This criterion requires that a remedial action alternative achieve site restoration within a reasonable time frame. Factors to be considered in making this determination include: the potential risks posed to human health and the environment; the practicality of achieving a shorter restoration time frame; current and potential future uses of the site and surrounding area; resources that are or may be affected by releases from the site; effectiveness and reliability of institutional controls; the ability to control and monitor migration of hazardous substances from the site; the toxicity of those substances; and natural processes which may reduce the concentrations of those substances.

8.5 EVALUATION OF REMEDIAL ALTERNATIVES

This section evaluates each of the remedial action alternatives presented in Section 8.3 under the criteria summarized in Section 8.4. Alternative 3 has been selected as the preferred remedial action alternative based on these criteria.

8.5.1 Alternative No. 1: No Action

Alternative 1 does not meet the remedial action objectives set forth in this RI/FS. Although Alternative 1 provides some reduction of risk to human health through institutional controls, it does not achieve applicable cleanup standards for soil, does not satisfy ARARs, and does not meet the MTCA criteria for permanence.

8.5.2 Alternative No. 2: Cover, Monitor, and Institutional Controls

8.5.2.1 Protection of Human Health and the Environment

Alternative 2 is protective of human health in the short-term, and it meets the remedial action objectives for protection of human health because the cover and surface water control will eliminate the potential for direct contact. Institutional controls (e.g., restrictive covenants) will increase the protectiveness of this alternative. However, this alternative is not permanent.

Risks to the environment will be reduced because the cover will minimize the potential for soil contaminants to migrate off-site via stormwater infiltration. Although all of the contaminants will remain on the East Subareas under this alternative, this alternative meets compliance standards for soil through use of containment technologies (WAC 173-340-740(6)(d)).

The primary ARARs will not be met under this alternative because contamination will be left on-site. It is thus unlikely that an NFA designation will be issued for the East Subareas using this alternative.

8.5.2.2. Implementability

This alternative could be implemented using conventional construction techniques and equipment. Implementation of this alternative will severely restrict future uses of the East Subareas and will require significant capital expenditures and on-going maintenance.

8.5.2.3 Reduction of Toxicity, Mobility, or Volume

Implementation of Alternative 2 will not result in a reduction of the toxicity of hazardous substances on the East Subareas. Mobility of the hazardous substances will be reduced because the cover will prevent contaminated soil particles from being transported in stormwater runoff. The cover will also minimize stormwater infiltration.

8.5.2.4 Restoration Time Frame

The 10 week construction period of Alternative 2 is reasonable, particularly given the amount of work involved in constructing the cover and stormwater conveyance system.

8.5.3 Alternative No. 3: Soil Excavation and Off-Site Disposal

8.5.3.1 Protection of Human Health and the Environment

Alternative 3 provides a final and permanent solution for the East Subareas that is fully protective of human health and the environment and meets the remedial action objectives set forth in this RI/FS. No institutional controls (e.g., restrictive covenants) are necessary to increase the protectiveness of this alternative.

Risks to the environment will be eliminated by the removal of all contaminated soil containing concentrations of one or more of the constituents of concern above MTCA Method A or B residential soil cleanup levels. The potential migration of residual soil contaminants will be eliminated.

Alternative 3 will meet applicable soil cleanup standards. The primary ARARs will also be met under this alternative.

8.5.3.2 Implementability

This alternative can be implemented by using conventional construction techniques and equipment. Complications in obtaining the necessary permits to perform the cleanup work are not expected.

Public acceptance of this alternative is anticipated to be high, based on the removal of all contaminated soil at the East Subareas that exceeds applicable cleanup levels.

8.5.3.3 Reduction of Toxicity, Mobility, or Volume

The toxicity, mobility, and volume of the hazardous substances at the East Subareas will be eliminated by implementation of Alternative 3 through removal of an estimated 1,500 tons of contaminated soil.

8.5.3.4 Restoration Time Frame

The three to four week construction period of Alternative 3 is considered reasonable, particularly in light of the resulting reduction of risk to human health and the environment. This alternative is compatible with existing industrial uses and planned zoning of the East Subareas.

8.5.4 Comparative Analysis of Alternatives

This section summarizes the results of the comparative analysis for each alternative. Each alternative has been evaluated using the criteria defined in MTCA and discussed in Section 8.4 of this RI/FS report.

8.5.4.1 Protectiveness

Only Alternative 3 meets the remedial action objectives set forth in this RI/FS report. Alternative 3 satisfies the remedial action objectives because soil containing concentrations of the constituents of concern above applicable cleanup standards will be excavated and removed from the East Subareas. Alternatives 2 and 3 eliminate or substantially control the primary exposure pathways for the contaminated soil. The primary exposure pathways consist of direct soil contact and the transportation of contaminants off the East Subareas via stormwater. Only Alternative 3 provides a final and permanent solution for the East Subareas.

8.5.4.2 Implementability

Alternatives 2 and 3 can be implemented using standard construction methods and equipment. Alternative 2 is somewhat more problematic to implement than Alternative 3 due to the size of the area to be covered and control of stormwater run-off.

It is anticipated that Alternative 3 would secure the highest level of public acceptance because it calls for the excavation and removal of all soil containing concentrations of one or more of the constituents of concern above applicable cleanup standards.

It is anticipated that Alternative 2 would receive moderate public acceptance. Although this alternative will leave all of the contamination in place, it will contain and immobilize the contamination through the construction of a cover.

It is anticipated that Alternative 1 would not receive public acceptance. This alternative will leave all of the contamination in place and does not involve the construction of protective caps.

8.5.4.3 Permanence

Alternative 3 provides a final and permanent solution for the East Subareas. Under this alternative, all soil that contains concentrations of one or more of the constituents of concern above applicable cleanup levels will be excavated and disposed of off-site. This alternative will eliminate human contact with the contaminated soil and migration of contaminants off of the East Subareas.

Alternatives 1 and 2 are not permanent solutions. Neither alternative removes the contaminated soil. Alternative 1 provides little protection for human health and the environment. The cap required by Alternative 2 provides an adequate level of protection for human health and the environment by limiting human contact with the contaminated soil and controlling migration of contaminants off of the East Subareas, but it requires on-going, long term maintenance.

8.5.4.4 Implementation Costs

The preliminary cost estimates for each alternative are summarized on Table 13.

Alternative 1 is the least expensive alternative. This alternative does not, however, satisfy the other evaluation criteria set forth in WAC 173-340-360.

Alternative 2 involves subgrade preparation, installation of a stormwater control and conveyance system, and placement of an impermeable asphalt or concrete cover. The estimated cost for this alternative depends on the area to be covered, thickness of the cover, and end use of the cover (parking or heavy truck traffic). Assuming that the entire Former Salvage Yard Subarea would require an impermeable cover, the estimated costs for this alternative range from $400,000 to $550,000.

Alternative 3 is the most cost-effective alternative, with an estimated cost range of $150,000 to $200,000. This alternative provides the greatest amount of protection and permanence for the least cost. Unlike Alternative 2, Alternative 3 is a final and permanent solution for the East Subareas at the Monroe Auto Salvage Site.

8.5.4.5 Restoration Time Frame

Alternative 3 would be completed within the shortest amount of time, with excavation and disposal of the contaminated soil estimated to be completed within 3 to 4 weeks, assuming favorable weather conditions. The construction period associated with Alternative 2 is estimated to take the longest at 10 weeks.

8.6 SELECTED CLEANUP ACTION

Based on the above analysis, and taking into account the limited distribution of the contaminated soil at the East Subareas, Alternative 3 has been selected for implementation at the East Subareas.

Alternative 3 provides the highest level of protection offered by any of the alternatives, and it satisfies all of the other evaluation criteria set forth in WAC 173-340-360. Alternative 3 is:

- The most protective of both human health and the environment,
- Technically feasible,
- Expected to secure the highest level of public acceptance,
- Consistent with current and anticipated future uses of the East Subareas, and
- Provides the most protection at the most reasonable cost.

Alternative 3 provides a final and permanent solution for the East Subareas. Under this alternative, all soil that contains concentrations of one or more constituents of concern above applicable cleanup levels will be excavated and disposed of off-site. This will eliminate human contact with the contaminated soil and the potential for migration of contaminants off of the East Subareas.

8.7 REGULATORY REQUIREMENTS

Cleanup of the East Subareas will be conducted as an independent action under the VCP with the approval and oversight of Ecology. The cleanup will comply with all ARARs identified in this RI/FS and adhere to all reporting requirements required by MTCA.

8.7.1 Cleanup Action Plan

A Cleanup Action Work Plan will be prepared in accordance with WAC 173-340-400. Incorporated in the Cleanup Action Work Plan will be a sampling and analysis compliance monitoring plan (SAP), QAPP, and a Health and Safety Plan (HASP). The Cleanup Action Work Plan will document the engineering concepts and design criteria used to develop the cleanup action and will include construction plans and specifications in conformance with currently accepted engineering practices and techniques. The QAPP will identify data quality objectives and standard operating procedures to be implemented during the remedial action. The HASP identifies potential physical and chemical hazards associated with on-site conditions, and specifies personnel protection and safety monitoring requirements.

8.7.2 Permits

The following permits and approvals will be required to complete the remedial cleanup action:

- Grading Permit and SEPA Checklist from the city of Monroe

8.8 DELINEATION OF REMEDIATION AREAS AND VOLUMES

The area of excavation necessary to remove soil with concentrations of one or more of the constituents of concern above the MTCA Method A or B residential soil cleanup levels is shown on Figure 8. The excavation areas are based on the analytical results of soil samples collected for this RI/FS, analytical results from previous sampling, and historical information concerning areas where there is the potential that more extensive contamination may exist.

The maximum excavation depth necessary to remove soil with one or more of the constituents of concern above the MTCA Method A residential soil cleanup levels appears to be no greater than

3 feet bgs. The analytical results of soil samples collected for this RI/FS indicate that the contamination is predominant within the upper 1 foot of soil.

Table 13 provides an estimated cost for remediation based on an estimated volume of soil that will require excavation. The estimated volume is based on the areas shown on Figure 8, plus a 25 percent excavated volume increase after excavation (fluff factor), plus a 25 percent contingency. Including these factors, a total volume of 1,500 tons of soil is estimated for removal. The actual volume will depend on the field conditions at the time of excavation, compliance monitoring results, and other factors.

8.9 DISPOSAL OF CONTAMINATED SOIL

The disposal of the excavated soil will depend on the concentrations of lead and/or PCBs in the excavated waste. Soil with concentrations of PCBs less than 1,000 mg/Kg can be disposed of at CSR in Everett TPS in Tacoma for recycling into asphalt or disposal facilities which are appropriate.

9.0 CONCLUSION

This RI/FS adequately identifies the media and constituents of concern, characterizes the vertical and lateral distribution of the constituents of concern in soil at the East Subareas, and enables the selection of a technologically feasible cleanup action. This RI/FS demonstrates:

- The medium of concern is restricted to shallow soils. Groundwater, surface water and stream sediments are not media of concern.
- The constituents of concern are TPH, PCBs, and lead.
- The appropriate cleanup levels for the East Subareas are the MTCA Method A residential soil cleanup levels for PCBs and lead and calculated MTCA Method B cleanup levels using the Interim TPH Guidelines for TPH.
- Concentrations of the constituents of concern above the selected cleanup levels occur in discrete, discontinuous areas from surface to a maximum of 3 feet bgs in limited areas of the East Subareas and at depth at the base of fill material on the Former Lumber Mill Subarea.

The data obtained from the remedial investigation, together with the evaluation criteria set forth in WAC 173-340-360, have been used to select a cleanup action for the East Subareas. 3 remedial action alternatives were evaluated in the feasibility study. In comparing these alternatives, the feasibility study concludes that the preferred alternative is Alternative 3. Alternative 3 involves the excavation and off-site disposal of soil with concentrations of one or more of the constituents of concern above the selected cleanup levels.

The selected cleanup action consists of the following elements:

- Excavation of contaminated soil from discrete hot-spots at the East Subareas,
- Preparation and submittal of a Cleanup Action Work Plan to Ecology after approval of this RI/FS report,
- Completion of the selected cleanup action after approval of the Cleanup Action Work Plan, assuming no delays attributable to state or local government permit approvals,
- Off-site disposal of soil containing concentrations of one or more constituents of concern above the selected cleanup levels based, and
- Preparation and submittal of a final closure report to Ecology after completion of the selected cleanup action.

10.0 REFERENCES

Aerial Photographs numbered GRMON 01007, GRMON 01009, GRMON 01011, GRMON 01005, and GRMON 01003.

Applied Geotechnical Inc. (AGI). April 27, 1993. STATE Remedial Investigation and Feasibility Study, 523 Railroad Avenue, Monroe, WA.

Comprehensive Plan, City of Monroe, Adopted January 11, 1995.

EMCON. February 28, 1996. Letter from James D. Krull to Monroe Auto Salvage granting "Conditional Coverage Granted Under the Baseline General Permit for Stormwater Discharges Associated with Industrial Activity."

EMCON. July 26, 1996 . Letter from John Virgin / Linda Dawson to Reta Jensen, Re: Monroe Auto Salvage Monroe Auto Salvage Site Investigation.

EMCON. September 30, 1996. Letter from John Virgin / Linda Dawson to Reta Jensen, Monroe Auto Salvage, Re: Monroe Auto Salvage Groundwater Monitoring – August 1996 Sampling.

EMCON. October 25, 1996. Letter from John Virgin / Linda Dawson to Reta Jensen, Monroe Auto Salvage, Re: Monroe Auto Salvage Site Investigation – Additional PCBs Sampling.

GeoEngineers, January 20, 1992. Project Status Report. Shallow Subsurface Exploration.

Glacier Environmental Services, Inc. April 18, 1997. *Independent Remedial Action*, Monroe Auto Salvage, 426 Fremont Street, Monroe, Washington.

Hart Crowser. March 16, 1990. *Preliminary Environmental Assessment Glacier Park Company Property, Property Sequence No. 114, Monroe, Washington.*

Hart Crowser. December 13, 1990. *Subsurface Exploration and Testing Glacier Park Company Property, Property Sequence No. 114, Monroe, Washington*, Prepared for Glacier Park Company.

Monroe Auto Salvage. May 22, 1995. Notice of Intent for Baseline General Permit to Discharge Stormwater Associated with Industrial Activity.

PBS Environmental. April 23, 1997. Letter to: Reta Jensen Re: Groundwater Monitoring, March 1997.

SECOR. May 15, 1997. Letter to Reta Jensen, Re: Proposal for Preparation of Stormwater Pollution Prevention Plan, Monroe Auto Salvage, Monroe, Washington.

Shell Oil Company. February 25, 1999. Letter to: Reta Jensen Re: "Parcel 6 –Fremont and Ann Streets, Monroe, Washington."

Snohomish Health District (SHD). February 18, 1994. Letter to Gordon Jensen, Re: Site Hazard Assessment.

Snohomish Health District (SHD). May 13, 1994. Notification of Site Hazard Assessment at Monroe Auto Salvage.

Snohomish Health District (SHD). July 13, 1994. Sampling Results from Monroe Auto Salvage.

Washington State Department of Ecology. November 1995. Dangerous Waste Regulation, Chapter 173-303 WAC, Publication No. 92-91.

Washington State Department of Ecology. November 18, 1995. National Pollutant Discharge Elimination System and State Waste Discharge Baseline General Permit for Stormwater Discharges Associated with Industrial Activities (Permit #S03002430).

Washington State Department of Ecology. January 1996. The Model Toxics Control Act, Cleanup Regulation, Chapter 173-340 WAC, Publication No. 94-06.

Washington State Department of Ecology. January 1997. Interim Interpretive and Policy Statement, Cleanup of Total Petroleum Hydrocarbons (TPH), Publication NO. ECY97-600.

Washington State Department of Ecology. May 1, 1997. Letter from State of Washington, Department of Ecology, to Mr. Vern Deitz, Monroe Auto Salvage, Re: Notice of Correction.

Washington State Department of Ecology. August 19, 1997. Early Notice Letter #N-31-5176-000.

11.0 STANDARD LIMITATIONS

Farallon has prepared this RI/FS report for the exclusive use of Ms. Reta Jensen, owner of Monroe Auto Salvage. No other person may use or rely upon this report without the express written consent of Farallon or Ms. Jensen.

The scope of work for the RI/FS report is in accordance with the RI/FS Work Plan, which was approved by Ecology. The data included in this RI/FS report and the findings, observations, and conclusions expressed herein are limited by the scope of work and the date of the RI/FS report. This limitation also includes data received from third-party sources that were not verified by Farallon for accuracy or completeness.

The conclusions and recommendations contained in the report are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with the standard of care of Farallon professionals, which means generally accepted professional practices, in the same or similar localities, related to the nature of the work accomplished, at the time the services were performed. The report shall not be construed to offer legal opinions or representations.

TABLES

TABLE 1
HISTORICAL SOIL SAMPLING ANALYTICAL RESULTS
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Boring Identification	Depth (feet)[2]	Date Sampled	Analytical Results[1] TPH as Gasoline	TPH as Diesel	TPH as Oil	TPH HCID	Total Cadmium	Total Chromium	Total Lead	TCLP Lead	PCBs	Source
M1	0-0.5	5/17/94	[5]			7300	**8.2**	42	**920**		<0.2	SHD
M2	0-0.5	5/17/94				8800	**7.5**	52	**990**		<0.2	SHD
M3[3]	0-0.5	5/17/94				1100	1.3	**240**	**7700**		**1800**	SHD
M-4	0-0.5	5/17/94									<0.58	SHD
M-12	0-0.5	7/14/94					<0.16	68	12		<0.53	SHD
M-11	0-0.5	7/14/94									<0.18	SHD
G-MAS-01-N	0-0.5	4/8/97									<0.05	Glacier
G-MAS-01-S	0-0.5	4/8/97									<0.05	Glacier
G-MAS-01-W	0-0.5	4/8/97									<0.05	Glacier
G-MAS-01-BT-01	0-0.5	4/8/97									<0.05	Glacier
G-MAS-01-BT-02	0-0.5	4/8/97									0.1	Glacier
G-MAS-01-E	0-0.5	4/8/97									0.1	Glacier
G-MAS-02-BT-01	0-0.5	4/8/97									<0.05	Glacier
G-MAS-02-SW-S	0-0.5	4/8/97									<0.05	Glacier
G-MAS-02-SW-N	0-0.5	4/8/97									<0.05	Glacier
G-MAS-02-SW-E	0-0.5	4/8/97									<0.05	Glacier
G-MAS-02-SW-W	0-0.5	4/8/97									<0.05	Glacier
MAS-05	0-0.5	7/26/96									1	EMCON
MAS-06	0-0.5	4/12/96									1	EMCON
MAS-07	0-0.5	4/12/96									<1	EMCON
MAS-SAS[3]	0-0.5	4/12/96									**260**	EMCON
MAS-01-Grid	0-0.5	4/12/96	<5	39	129		<1	33	31		<1	EMCON
MAS-04-Grid	0-0.5	4/12/96	<5	**1670**[4]	**9,100**		<1	16	24		<1	EMCON
MAS-05-Grid	0-0.5	4/12/96	<5	**790**	**4,400**		<1	28	49		**5**	EMCON
MAS-07-Grid	0-0.5	4/12/96	9	**2,500**	**7,000**		**6**	37	**567**	0.27	1	EMCON
MAS-08-Grid	0-0.5	4/12/96	<5	36	130		<1	30	44		<1	EMCON
MAS-09-Grid	0-0.5	4/12/96	<5	55	190		<1	19	21		<1	EMCON
MAS-13-Grid	0-0.5	4/12/96	**385**	**654**	**2,240**		**4**	35	232	0.27	<1	EMCON
MAS-14-Grid	0-0.5	4/12/96	29	**7,600**	**22,000**		**6**	46	**566**	0.84	<1	EMCON
MAS-15-Grid	0-0.5	4/12/96	<5	**2,800**	**12,000**		**12**	52	**964**	1.01	<1	EMCON
MAS-17-Grid	0-0.5	4/12/96	<5	27	<100		<1	**48**	<20		<1	EMCON
MAS-19-Grid	0-0.5	4/12/96	<5	**4,700**	**14,000**		**10**	52	**867**	2.95	<1	EMCON
MAS-20-Grid	0-0.5	4/12/96	<5	42	160		<1	32	51		<1	EMCON
MAS-21-Grid	0-0.5	4/12/96	<5	<25	<100		<1	45	<20		<1	EMCON
MAS-07	0-0.5	4/12/96	<5	53	171		<1	46	<20		<1	EMCON
MAS-CCS	0-0.5	4/2/96	<5	**5,500**	**24,000**		**17**	44	**554**		<5	EMCON
MTCA Method A Residential Soil Cleanup Level			100	200	200	200	2	100	250		1	

TABLE 1
HISTORICAL SOIL SAMPLING ANALYTICAL RESULTS
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

MW-1-5	5	5/1/96	<5	68	**290**		<1	38	37			EMCON
MW-1-15	15	5/1/96	<5	<25	<100		<1	42	<20			EMCON
MW-2-5	5	5/1/96	23	**2,060**	**4,120**		1	37	64			EMCON
MW-2-20	20	5/1/96	<5	<25	<100		<1	**120**	<20			EMCON
MW-3-5	5	5/1/96	<5	<25	<100		<1	42	<20			EMCON
MW-3-20	20	5/1/96	<5	<25	<100		<1	25	<20			EMCON
MW-4-5	5	5/1/96	<5	<25	<100		<1	49	<20			EMCON
MW-4-20	20	5/1/96	<5	<25	<100		<1	40	<20			EMCON
HC-4 S-1	0-5	6/11/90	<5	<5		20	<1	33	13			Hart Crowser
HC-5 S-1	0-2	6/6/90				20	<1	92	14			Hart Crowser
HC-5 S-2	2.5-4	6/6/90				20	<1	56	<10			Hart Crowser
SS-1	0-0.5	6/11/90				17	1	24	36			Hart Crowser
SS-2	0-0.5	6/11/90	<50	**5,100**		**44,000**	7	35	**880**			Hart Crowser
MTCA Method A Residential Soil Cleanup Level			100	200	200	200	2	100	250		1	

1- Analytical results in milligrams per kilogram except TCLP which is milligrams per liter
2- Depth below ground surface in feet
3- M3 and MAS-SAS samples collected from area prior to excavation for interim action in 1997
4- **BOLD** = Concentrations above MTCA Method A Residential Cleanup Levels.
5- Blank cell = Sample not analyzed for this analyte

TABLE 2

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR TPH, BTEX AND LEAD

RI/FS EAST SUBAREAS

MONROE AUTO SALVAGE SITE

MONROE, WA

FARALLON PN: 601-001

Sample Location	Source	Date Sampled	Analytical Results (micrograms per liter)[1]								
			TPH-g[1]	Benzene	Toluene	Ethyl Benzene	Total Xylenes	TPH-d[1]	TPH-o[1]	Total Lead	Dissolved Lead
HC-4[2]	Hart Crowser	06/18/90	---[3]	---	---	---	---	---	[6]		---
	Farallon	08/12/99	---	---	8.66	---	---	0.471	---	**636.0**[4]	---
HC-5	Hart Crowser	06/18/90	---	---	---	---	---	---			---
	EMCON	05/23/96	---					---	---	---	---
	EMCON	08/21/96	---					---	---	**10.0**	---
	PBS	03/26/97	---					---	---	2.39	---
	Farallon	08/12/99	---	---	---	---	---	---	---	**20.0**	2.55
MW-2	EMCON	05/23/96	---					460.0	---	---	---
	EMCON	08/21/96	---					346.0	---	---	---
	PBS	03/26/97	---					---	---	1.06	---
	Farallon	08/12/99	---	---	---	---	---	---	---	**67.6**	**40.4**
MW-3	EMCON	05/23/96	---					---	---	3.0	---
	EMCON	08/21/96	---					---	---	---	---
	PBS	03/26/97	---					---	---	---	---
	Farallon	08/12/99	---	---	---	---	---	---	---	**98.2**	1.23
MW-4	EMCON	05/23/96	---					---	---	**7.0**	---
	EMCON	08/21/96	---					---	---	5.0	---
	PBS	03/26/97	---					---	---	**32.7**	---
	Farallon	08/12/99	---	---	---	---	---	---	---	**55.1**	---
MW-8	Farallon	08/12/99	---	---	---	---	---	---	---	**62.0**	---
MW-9	Farallon	08/12/99	---	---	0.614	---	1.22	---	---	**207.0**	---
MTCA Method A Cleanup Levels for Groundwater[5]			**1000.0**	**5.0**	**40.0**	**30.0**	**20.0**	**1000.0**	**1000.0**	**5.0**	**5.0**

1- TPH-g = Total petroleum hydrocarbons as gasoline
TPH-d = Total petroleum hydrocarbons as diesel
TPH-o = Total petroleum hydrocarbons as oil

2- Well HC-4 did not have a sealed well head or cap. All groundwater analytical results from this well are suspect.

3- --- = Non detect above the laboratory reporting limits

4- **Bold** = Concentrations above Cleanup Levels

5- Model Toxics Control Act (MTCA) Chapter 173-340 WAC

6- Blank cell = Sample not analyzed

TABLE 3

SUMMARY OF GROUNDWATER ANALYTICAL RESULTS FOR VOCs, PCBs, AND METALS

RI/FS EAST SUBAREAS

MONROE AUTO SALVAGE SITE

MONROE, WA

FARALLON PN: 601-001

Sample Location	Source	Date Sampled	Analytical Results (micrograms per liter)						
			VOCs[1]	SVOCs[1]	PCBs[1]	Total Chromium	Dissolved Chromium	Total Cadmium	Dissolved Cadmium
HC-4	Hart Crowser	06/18/90	---[2]	---	---	[5]	---		0.3
	Farallon	08/12/99	Toluene=11.9	---	---	**1270.0**[3]	---	**9.1**	---
HC-5	Hart Crowser	06/18/90	---	---	---		---		---
	EMCON	05/23/96			---	13.0	---	---	---
	EMCON	08/21/96	---		---	**103.0**	6.0	---	---
	PBS	03/26/97	---		---	14.2	---	---	---
	Farallon	08/12/99	---	---	---	**176.0**	3.19	---	---
MW-2	EMCON	05/23/96			---	---	---	---	---
	EMCON	08/21/96			---	---	---	---	---
	PBS	03/26/97			---	5.1	---	---	---
	Farallon	08/12/99	---	---	---	**379.0**	**99.5**	1.36	1.41
MW-3	EMCON	05/23/96			---	21.0	---	---	---
	EMCON	08/21/96			---	---	---	---	---
	PBS	03/26/97			---	1.9	---	---	---
	Farallon	08/12/99	---	---	---	**726.0**	1.72	2.43	---
MW-4	EMCON	05/23/96			---	35.0	---	---	---
	EMCON	08/21/96			---	**50.0**	---	---	---
	PBS	03/26/97			---	**156.0**	---	---	---
	Farallon	08/12/99	---	---	---	**437.0**	1.18	1.36	---
MW-8	Farallon	08/12/99	Chloroform=1.49	---	---	**393.0**	9.41	1.84	---
MW-9	Farallon	08/12/99	Chloroform=4.19	---	---	**1780.0**	---	4.3	---
MTCA Method A Cleanup Levels for Groundwater[4]			-	-	**0.1**	**50.0**	**50.0**	**5.0**	**5.0**

1- Compounds detected above the method reporting limit are shown on table
VOCs = Volatile Organic Compounds by EPA Method 8240/8260
SVOCs = Semivolatile Organic Compounds by EPA Method 8270
PCBs = Polychlorinated Biphenyls by EPA Method 8081/8082

2- --- = Non detect above the laboratory reporting limits

3- **Bold** = Concentrations above Cleanup Levels

4- Model Toxics Control Act (MTCA) Chapter 173-340 WAC

5- Blank cell = Sample not analyzed

TABLE 4
SUMMARY OF MONITORING WELL CONSTRUCTION DETAILS
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Source	Well Identification	Date Installed	Top of Well Casing Elevation (feet msl)[1]	Well Diameter (inches)	Screened Interval (feet bgs)[2]	Screen Slot Size (inches)	Sand Pack Interval (feet bgs)
Hart Crowser	HC-4	6/11/90	77.57	2.0	17-27	0.02	14.5-27.5
	HC-5	6/7/90	77.04	2.0	22-31	0.02	19.5-31
EMCON	MW-2	5/1/96	78.82	2.0	17-27	0.02	15.5-27
	MW-3	5/1/96	78.51	2.0	17.5-27.5	0.02	16-27.5
	MW-4	5/1/96	77.80	2.0	17-27	0.02	15-27
Farallon	MW-8	8/6/99	NA[3]	2.0	15-30	0.01	13-30
	MW-9	8/6/99	76.76	2.0	15-25	0.01	13-25

1- msl = mean sea level
2- bgs = below ground surface
3- Restricted access precluded surveying of this well

TABLE 5
SUMMARY OF GROUNDWATER LEVEL DATA
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN:601-001

Well Identification	Top of Well Casing (feet msl)[1]	Measured By[2]	Measurement Date	Depth to Water (feet toc)[3]	Groundwater Elevation (feet msl)[1]
HC-4	77.57	HC	06/20/90	23.40	51.02
		EMCON	[4]		
		EMCON			
		PBS			
		Farallon	08/12/99	24.50	53.07
HC-5	77.04	HC	06/20/99	25.21	48.69
		EMCON	05/23/96	21.44	52.46
		EMCON	08/21/96	23.31	50.59
		PBS	08/26/97	21.29	52.61
		Farallon	08/12/99	26.10	50.94
MW-2	78.82	HC			
		EMCON	05/23/96	22.66	56.16
		EMCON	08/21/96	23.65	55.17
		PBS	08/26/97	21.96	56.86
		Farallon	08/12/99	23.20	55.62
MW-3	78.51	HC			
		EMCON	05/23/96	22.15	56.30
		EMCON	08/21/96	23.53	54.92
		PBS	08/26/97	20.92	57.53
		Farallon	08/12/99	23.10	55.41
MW-4	77.80	HC			
		EMCON	05/23/96	20.14	57.66
		EMCON	08/21/96	21.96	55.84
		PBS	08/26/97	18.36	59.44
		Farallon	08/12/99	26.40	56.40
MW-8		HC			
		EMCON			
		EMCON			
		PBS			
		Farallon	08/12/99	23.30	
MW-9	76.76	HC			
		EMCON			
		EMCON			
		PBS			
		Farallon	08/12/99	20.90	53.86

1- Feet above mean sea level
2- HC = Hart Crowser
EMCON = EMCON Northwest
PBS = PBS Environmental
Farallon = Farallon Consulting LLC (this RI/FS)
3- Depth below top of well casing
4- Blank cell = depth to groundwater not measured

TABLE 6

SUMMARY OF SOIL ANALYTICAL RESULTS FOR WTPH-HCID

FORMER LUMBER MILL SUBAREA[1]

RI/FS EAST SUBAREAS

MONROE AUTO SALVAGE SITE

MONROE, WASHINGTON

FARALLON PN: 601-001

Sample Location	Depth (feet)[2]	Sample Number	Date Sampled	Analytical Results (milligrams per kilogram)						Sample submitted for TPH quantification
				WTPH-HCID[3]			Insulating Oil	Kerosene Oil	Lube Oil	
				Gasoline	Diesel	Heavy Fuel Oil				
SB1	13	FLM-SB1-13	8/16/99	---[4]	---	---	---	---	---	
	21	FLM-SB1-21	8/16/99	---	---	---	---	---	---	
TP-1	5	FLM-TP1-5	7/22/99	---	---	---	---	---	---	X
	10	FLM-TP1-10	7/22/99	---	---	---	---	DET[5]	---	
	12.5	FLM-TP1-12.5	7/22/99	---	---	---	---	DET	---	
	15	FLM-TP1-15	7/22/99	---	---	---	---	---	---	
TP2	1	FLM-TP2-1	7/22/99	---	---	---	---	---	---	
	5	FLM-TP2-5	7/22/99	---	---	---	---	---	---	
TP3	1	FLM-TP3-1	7/22/99	---	---	---	---	---	---	
	10	FLM-TP3-10	7/22/99	---	---	---	---	---	---	
TP4	1	FLM-TP4-1	7/21/99	---	---	---	---	---	---	
	10	FLM-TP4-10	7/21/99	---	---	---	---	---	---	
TP5	3	FLM-TP5-3	7/22/99	---	---	---	---	---	---	
	10	FLM-TP5-10	7/22/99	---	---	---	---	---	---	
	15	FLM-TP5-15	7/22/99	---	---	---	---	---	---	
TP7	5	FLM-TP7-5	7/22/99	---	---	---	---	---	---	
	10	FLM-TP7-10	7/22/99	---	---	---	---	---	---	
TP8	1	FLM-TP8-1	7/22/99	---	---	---	---	---	DET	X
	15	FLM-TP8-15	7/22/99	---	---	---	---	---	DET	
Laboratory Reporting Limit				20	50	100	100	50	100	

1- Subarea defined prior to completion of historical review

2- Depth below ground surface in feet

3- Washington State Department of Ecology Method WTPH-HCID for petroleum hydrocarbon identification

4- - - - = Not detected above the laboratory reporting limits

5- DET = TPH detected above laboratory reporting limit.

TABLE 7
SUMMARY OF SOIL ANALYTICAL RESULTS FOR WTPH-HCID
FORMER SALVAGE YARD SUBAREA[1]
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Sample Location	Depth (feet)[2]	Sample Number	Date Sampled	Analytical Results (milligrams per kilogram)						Sample submitted for quantification[5]
				WTPH-HCID[3]			Insulating Oil	Kerosene Oil	Lube Oil	
				Gasoline	Diesel	Heavy Fuel Oil				
SB1	13	FSY-SB1-13	8/16/99	---[4]	---	---	---	---	---	
	20	FSY-SB1-20	8/16/99	---	---	---	---	---	---	
TP1	0.5	FSY-TP1-0.5	7/20/99	---	---	---	---	---	DET[5]	X
	10	FSY-TP1-10	7/20/99	---	---	---	---	---	---	
TP2	5	FSY-TP2-5	7/20/99	---	---	---	---	---	---	
	15	FSY-TP2-15	7/20/99	---	---	---	---	---	---	
TP3	5	FSY-TP3-5	7/20/99	---	---	---	---	---	---	
	10	FSY-TP3-10	7/20/99	---	---	---	---	---	DET	
TP4	5	FSY-TP4-5	7/22/99	---	---	---	---	---	---	
	10	FSY-TP4-10	7/22/99	---	---	---	---	---	---	
TP5	5	FSY-TP5-5	7/20/99	---	---	---	---	---	---	
	10	FSY-TP5-10	7/20/99	---	---	---	---	---	---	
TP6	3	FSY-TP6-3	7/21/99	---	---	---	---	---	---	
	10	FSY-TP6-10	7/21/99	---	---	---	---	---	---	
TP7	2	FSY-TP7-2	7/21/99	---	---	---	---	---	---	
	10	FSY-TP7-10	7/21/99	---	---	---	---	---	---	
TP8	1	FSY-TP8-1	7/21/99	---	---	---	---	---	---	
	10	FSY-TP8-10	7/21/99	---	---	---	---	---	---	
Laboratory Reporting Limit				20	50	100	100	50	100	

1- Subarea defined prior to completion of historical review
2- Depth below ground surface in feet
3- Washington State Department of Ecology Method WTPH-HCID for petroleum hydrocarbon identification
4- - - - = Not detected above the laboratory reporting limits
5- X = Sample submitted for TPH quantification

TABLE 8

SUMMARY OF SOIL ANALYTICAL RESULTS FOR TPH AND BTEX

FORMER SALVAGE YARD SUBAREA[1]

RI/FS EAST SUBAREAS

MONROE AUTO SALVAGE SITE

MONROE, WASHINGTON

FARALLON PN: 601-001

Sample Location	Depth (feet)[2]	Sample Number	Date Sampled	Analytical Results (milligrams per kilogram)						
				TPH-g[3]	TPH-d[3]	TPH-o[3]	Benzene	Toluene	Ethyl Benzene	Xylenes
TP1	0.5	FSY-TP1-0.5	7/20/99		33	95.2				
TP2	1	FSY-TP2-1	7/20/99	---[4]	78	**303**[5]	---	---	---	---
	3	FSY-TP2-3	7/20/99	---	---	---	---	---	---	---
TP3	1	FSY-TP3-1	7/20/99	---	51.3	132	---	---	---	---
	3	FSY-TP3-3	7/20/99	---	20.7	-	---	---	---	---
	10	FSY-TP3-10	7/20/99		171	**332**				
TP4	1	FSY-TP4-1	7/22/99	---	19.8	38.4	---	---	---	---
	3	FSY-TP4-3	7/22/99	---	---	---	---	---	---	---
TP5	1	FSY-TP5-1	7/20/99	10.8	88.8	198	---	0.059	0.098	0.587
	3	FSY-TP5-3	7/20/99	---	---	---	---	---	---	---
TP6	1	FSY-TP6-1	7/21/99	---	11.3	42.8	---	---	---	0.304
TP9	1	FSY-TP9-1	7/21/99	---	115	**456**	---	---	---	---
	3	FSY-TP9-3	7/21/99	---	12.3	49	---	0.092	---	0.283
TP10	1	FSY-TP10-1	7/20/99	---	93	181	---	---	---	---
	3	FSY-TP10-3	7/20/99	---	---	---	---	---	---	---
TP11	1	FSY-TP11-1	7/20/99	---	12.9	---	---	---	---	---
	3	FSY-TP11-3	7/20/99	---	---	---	---	---	---	---
	5	FSY-TP11-5	7/20/99		30.5	131				
TP14	1	FSY-TP14-1	7/21/99		136	**489**				
MTCA Method A Residential Soil Cleanup Levels[6]				100	200	200	0.5	40	20	20

1- Subarea defined prior to historical review
2- Depth below ground surface in feet
3- TPH-g = Total petroleum hydrocarbons as gasoline
TPH-d = Total petroleum hydrocarbons as diesel
TPH-o = Total petroleum hydrocarbons as oil
4- --- = Not detected above the laboratory reporting limits
5- **Bold** = Concentrations above MTCA Method A residential soil cleanup levels.
6- Model Toxics Control Act (MTCA) Chapter 173-340 WAC
Blank cell = Sample not analyzed

TABLE 9
SUMMARY OF SOIL ANALYTICAL RESULTS FOR TPH AND BTEX
FORMER LUMBER MILL SUBAREA[1]
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Sample Location	Depth (feet)[2]	Sample Number	Date Sampled	Analytical Results (milligrams per kilogram)						
				TPH-g[3]	TPH-d[3]	TPH-o[3]	Benzene	Toluene	Ethyl Benzene	Xylenes
SB-2	16	FLM-SB2-16	8/6/99		19.6	46.2				
	21	FLM-SB2-21	8/6/99		---[4]	---				
TP1	10[6]	FLM-TP1-10	7/22/99		**1430**[5]	---				
	12.5	FLM-TP1-12.5	7/22/99		49.3	42.4				
TP8	1	FLM-TP8-1	7/22/99		36	148				
	15[6]	FLM-TP8-15	7/22/99		**420**	**2050**				
MTCA Method A Residential Soil Cleanup Levels[7]				100	200	200	0.5	40	20	20

1- Subarea defined prior to historical review
2- Depth below ground surface in feet
3- TPH-g = Total petroleum hydrocarbons as gasoline
TPH-d = Total petroleum hydrocarbons as diesel
TPH-o = Total petroleum hydrocarbons as oil
4- - - - = Not detected above the laboratory reporting limits
5- **Bold** = Concentrations above MTCA Method A residential soil cleanup levels.
6- Samples TP1 at 10 and TP8 at 15 submitted for EPH/Aromatic-Aliphatic and PAH analysis
7- Model Toxics Control Act (MTCA) Chapter 173-340 WAC
Blank cell = Sample not analyzed

TABLE 10
SUMMARY OF SOIL ANALYTICAL RESULTS FOR EPH AND PAH
FORMER LUMBER MILL SUBAREA[1]
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Sample Location	Depth (feet)[2]	Sample Number	Date Sampled	Analytical Method	Analyte[3]	Reporting Limit	Analytical Results[4]
TP1	10	FLM-TP1 @ 10.0'	7/22/99	8270-GCMS-SIM	2-Methylnaphthalene	0.0100	0.483
					Acenaphthene	0.0100	0.0201
					Acenaphthylene	0.0200	---[5]
					Anthracene	0.0200	---
					Benzo (a) anthracene	0.0100	---
					Benzo (a) pyrene	0.0100	---
					Benzo (b) fluoranthene	0.0100	---
					Benzo (ghi) perylene	0.0100	---
					Benzo (k) fluoranthene	0.0100	---
					Chrysene	0.0100	---
					Dibenz (a,h) anthracene	0.0100	---
					Fluoranthene	0.0100	---
					Fluorene	0.0100	0.0957
					Indeno (1,2,3-cd) pyrene	0.0100	---
					Naphthalene	0.0100	0.0489
					Phenanthrene	0.0100	0.173
					Pyrene	0.0100	0.0173
			7/22/99	WADOE-EPH	C10-C12 Aliphatics	25.0	285
					C10-C12 Aromatics	5.00	19.1
					C12-C16 Aliphatics	25.0	629
					C12-C16 Aromatics	5.00	65.9
					C16-C21 Aliphatics	25.0	176
					C16-C21 Aromatics	5.00	26.0
					C21-C34 Aliphatics	25.0	---
					C21-C34 Aromatics	5.00	---
					C8-C10 Aliphatics	25.0	288
					Extractable Petroleum Hydrocarbons		1490
TP8	15	FLM-TP8 @ 15.0'	7/22/99	8270-GCMS-SIM	2-Methylnaphthalene	0.0100	---
					Acenaphthene	0.0100	---
					Acenaphthylene	0.0100	---
					Anthracene	0.0100	---
					Benzo (a) anthracene	0.0100	0.0158
					Benzo (a) pyrene	0.0100	0.0158
					Benzo (b) fluoranthene	0.0100	0.0250
					Benzo (ghi) perylene	0.0100	0.0158
					Benzo (k) fluoranthene	0.0100	---
					Chrysene	0.0100	0.0211
					Dibenz (a,h) anthracene	0.0100	---
					Fluoranthene	0.0100	0.100
					Fluorene	0.0100	---
					Indeno (1,2,3-cd) pyrene	0.0100	0.0132
					Naphthalene	0.0100	---
					Phenanthrene	0.0100	0.0198
					Pyrene	0.0100	0.127
			7/22/99	WADOE-EPH	C10-C12 Aliphatics	5.00	---
					C10-C12 Aromatics	5.00	---
					C12-C16 Aliphatics	5.00	---
					C12-C16 Aromatics	5.00	5.74
					C16-C21 Aliphatics	5.00	40.8
					C16-C21 Aromatics	5.00	31.4
					C21-C34 Aliphatics	5.00	520
					C21-C34 Aromatics	5.00	226
					C8-C10 Aliphatics	5.00	---
					Extractable Petroleum Hydrocarbons		824

1- Subarea defined prior to historical review
2- Depth below ground surface (bgs) in feet
3- Analysis for PAH by 8270-GCMS-SIM, EPA by WADOE-EPA
4- All results in milligrams per kilogram (mg/kg)
5- --- = Not detected above laboratory reporting limits

T. 11

SUMMARY OF SOIL ANALYTICAL RESULTS FOR LEAD, CHROMIUM, AND CADMIUM
FORMER SALVAGE YARD AND LUMBER MILL SUBAREAS[1]
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Sample Location	Depth (feet)[2]	Sample Number[3]	Date Sampled	Analytical Results (milligrams per kilogram)[4]		
				Lead	Cadmium	Chromium
TP1	12.5	FLM-TP1-12.5	7/22/99	3.66	[7]	
TP2	5	FLM-TP2-5	7/22/99	2.95		
TP3	1	FLM-TP3-1	7/22/99	5.36		
TP4	1	FLM-TP4-1	7/21/99	4.87		
TP5	3	FLM-TP5-3	7/22/99	2.90		
TP7	0.5	FLM-TP7-0.5	7/22/99	37.8		
TP8	1	FLM-TP8-1	7/22/99	27.6		
TP2	1	FSY-TP2-1	7/20/99	230		
	3	FSY-TP2-3	7/20/99	11.1		
TP3	1	FSY-TP3-1	7/20/99	11.1		
	3	FSY-TP3-3	7/20/99	3.65		
TP4	1	FSY-TP4-1	7/22/99	36.2		
	3	FSY-TP4-3	7/22/99	5.08		
TP5	1	FSY-TP5-1	7/20/99	131		
	3	FSY-TP5-3	7/20/99	5.08		
TP6	1	FSY-TP5-1	7/21/99	146		
TP8	1	FSY-TP8-1	7/21/99	5.97		
TP9	1	FSY-TP9-1	7/21/99	89.0	0.560	28.0
	3	FSY-TP9-3	7/21/99	5.27		
TP10	1	FSY-TP10-1	7/20/99	93.3		
	3	FSY-TP10-3	7/20/99	2.79		
TP11	1	FSY-TP11-1	7/20/99	34.1	---[5]	28.9
	3	FSY-TP11-3	7/20/99	3.71		
TP13	1	FSY-TP13-1	7/21/99	16.7		
MTCA Method A Residential Soil Cleanup Levels[6]				250	2.0	100.0

1- Subareas defined prior to historical review
2- Depth below surface in feet
3- FLM = Former Lumber Mill Subarea; FSY = Former Salvage Yard Subarea
4- US EPA Method 6020
5- - - - = Not detected above the laboratory reporting limits
6- Model Toxics Control Act (MTCA) Chapter 173-340 WAC
7- Blank cell = sample not analyzed

TABLE 12

SUMMARY OF SOIL ANALYTICAL RESULTS FOR PCBs
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

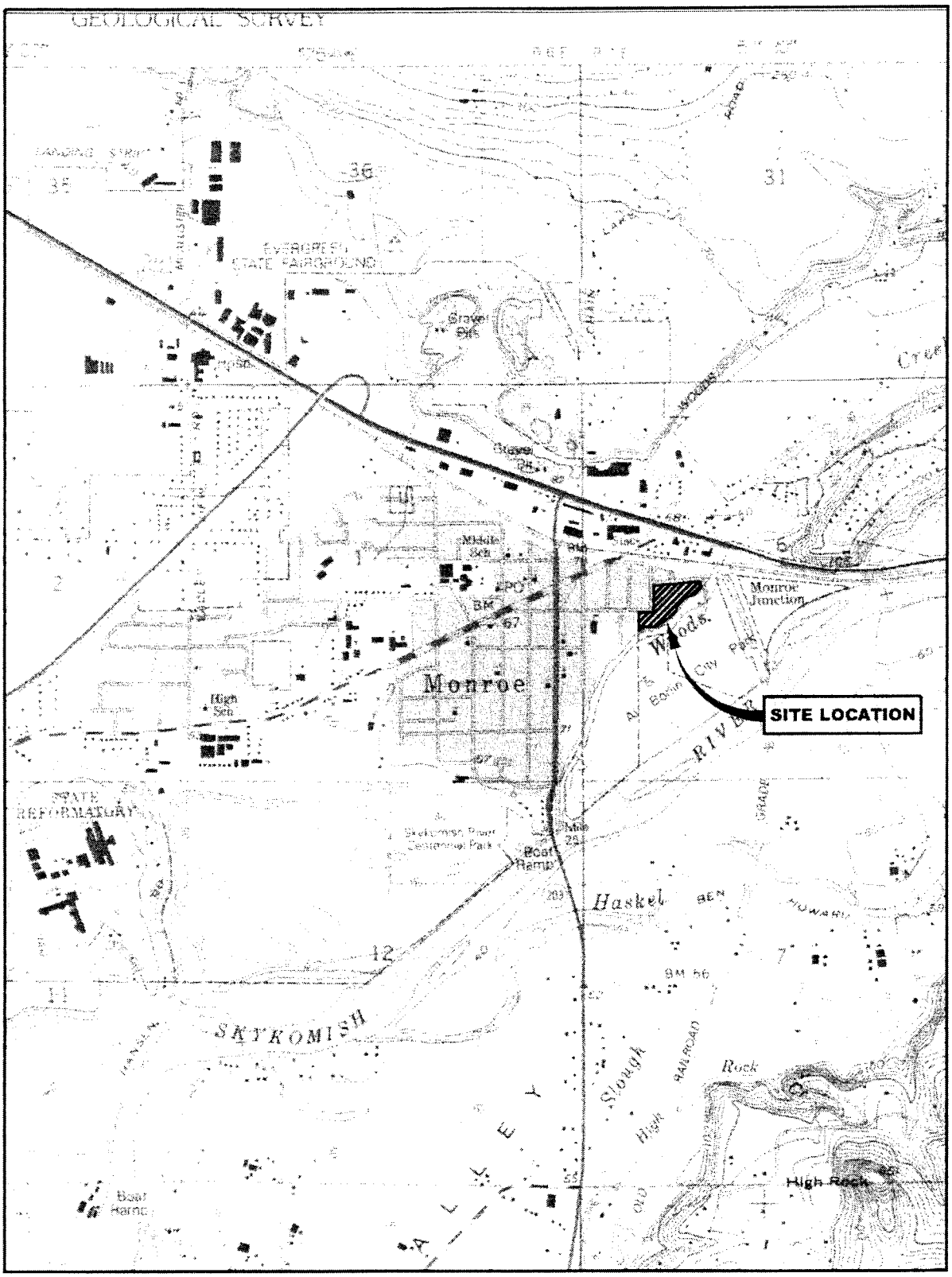
Sample Location	Depth (feet)[1]	Sample Number[2]	Date Sampled	PCB Analytical Results (micrograms per kilogram)[3]									
				Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1260	Total
TP8	1	FLM-TP8-1	7/22/99	---[4]	---	---	---	---	---	---	---	---	---
	15	FLM-TP8-15	7/22/99	---	---	---	---	---	360	---	---	---	360
TP1	0.5	FSY-TP1-0.5	7/20/99	---	---	---	---	---	---	69.5	---	---	69.5
TP2	1	FSY-TP2-1	7/20/99	---	---	---	---	---	---	---	---	---	---
TP3	1	FSY-TP3-1	7/20/99	---	---	---	---	---	---	---	---	---	---
	3	FSY-TP3-3	7/20/99	---	---	---	---	---	---	---	---	---	---
	10	FSY-TP3-10	7/20/99	---	---	---	---	---	---	---	---	---	---
TP4	1	FSY-TP4-1	7/22/99	---	---	---	---	---	---	---	---	---	---
TP5	1	FSY-TP5-1	7/20/99	---	---	---	---	---	---	---	---	---	---
TP6	1	FSY-TP6-1	7/21/99	---	---	---	---	---	---	---	---	---	---
TP9	1	FSY-TP9-1	7/21/99	---	---	---	---	---	---	---	---	---	---
	3	FSY-TP9-3	7/21/99	---	---	---	---	---	---	---	---	---	---
TP10	1	FSY-TP10-1	7/20/99	---	---	---	---	---	---	55.4	---	---	55.4
TP11	5	FSY-TP10-5	7/20/99	---	---	---	---	---	---	---	---	---	---
TP14	1	FSY-TP14-1	7/21/99	---	---	---	---	---	---	---	---	---	---
MTCA Method A Residential Soil Cleanup Levels[5]													1000

1- Depth below surface in feet
2- FLM = Former Lumber Mill Subarea; FSY = Former Salvage Yard Subarea
3- US EPA Method 8082
4- - - - = Not detected above the laboratory reporting limits
5- Model Toxics Control Act (MTCA) Chapter 173-340 WAC

TABLE 13
PRELIMINARY ESTIMATED COSTS FOR REMEDIAL ALTERNATIVES
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
MONROE, WASHINGTON
FARALLON PN: 601-001

Alternatives and Assumptions	Estimated Cost Range
Alternative 1 - No Action Long term groundwater monitoring Restrictive covenant	$2,500 to $10,000
Alternative 2 - Cover, Monitor, and Institutional Controls Design and permitting Subgrade preparation 4" to 6" concrete with 4" base cover Stormwater conveyance system Long term groundwater monitoring Long term maintenance Restrictive covenant	$450,000 to $550,000
Alternative 3 - Excavation and Off-site Disposal "Spot" excavation of hot spots MTCA Method A residential soil cleanup level for lead MTCA Method B cleanup level for TPH Shallow (less than three feet) excavations Approximately 1,500 tons contaminated soil Off-site disposal Does not include building demolision	$150,000 to $200,000

FIGURES



From: USGS Quadrangle: 7.5 x 15 Minute
MONROE, WASHINGTON
(Photo revised 1993)

FIGURE 1

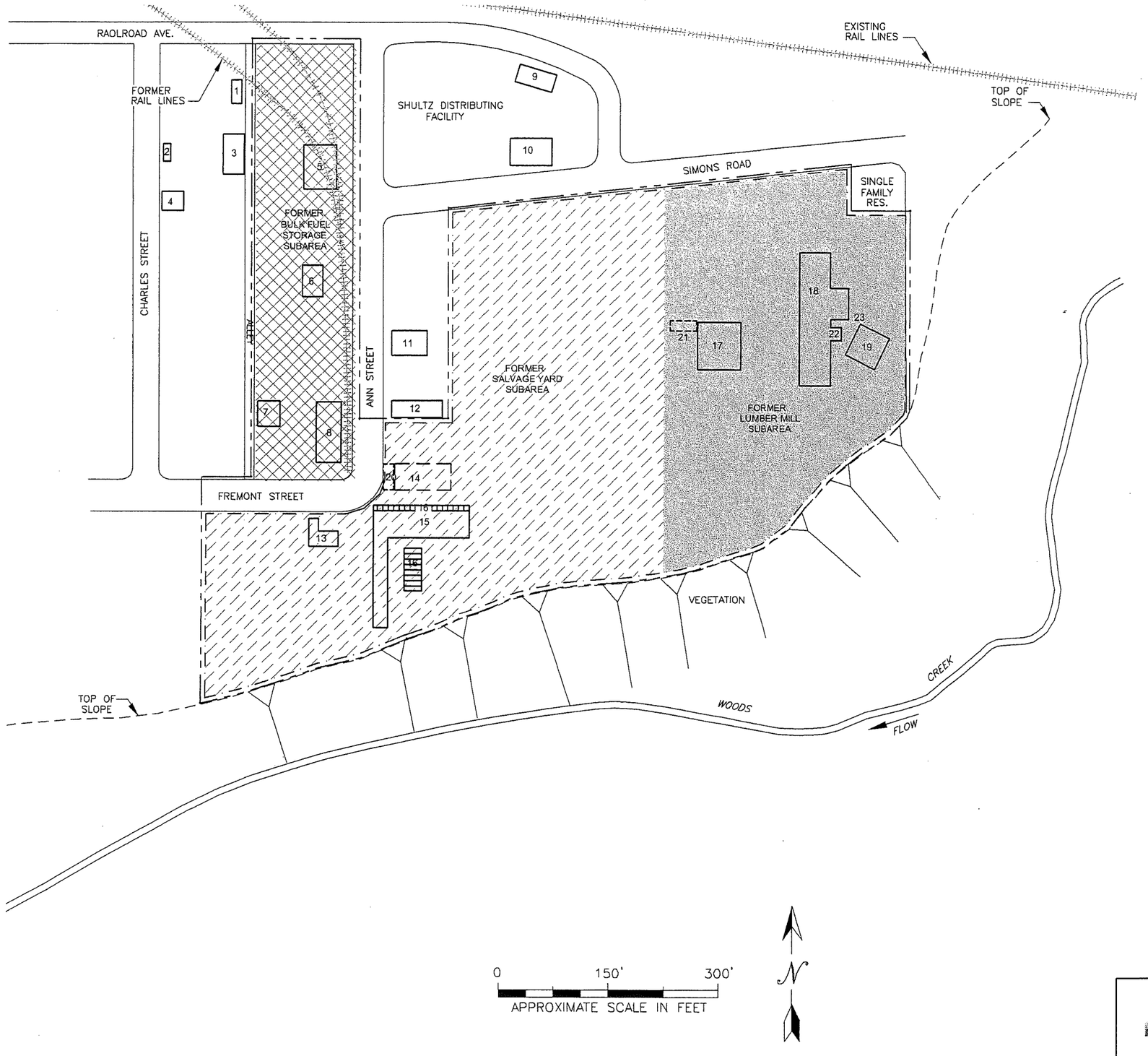
SITE LOCATION MAP
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT STREET
MONROE, WASHINGTON
FARALLON PN:601-001

QUADRANGLE LOCATION

N

0 2000 ft.

SCALE



BUILDING AND FEATURES EXPLANATION

1 FORMER CHEVRON OIL PUMPHOUSE
2 FORMER CHEVRON FILLING SHED
3 FORMER CHEVRON OIL WAREHOUSE
4 FORMER AUTO REPAIR SHOP
5 FORMER STORAGE BUILDING/CURRENT RENTAL SHOP
6 FORMER OIL WAREHOUSE/CURRENT AUTO REPAIR SHOP
7 STORAGE BUILDING
8 FORMER OIL WAREHOUSE/CURRENT U-HAUL OFFICE
9 OIL & GREASE WAREHOUSE
10 BULK FUEL STORAGE FACILITY
11 SINGLE FAMILY RESIDENCE
12 MOBILE HOME
13 STORAGE BUILDING
14 STORAGE SHED
15 OFFICE AND STORAGE BUILDING
16 STORAGE RACKS
17 STORAGE BUILDING
18 FORMER SAWMILL/STORAGE BUILDING
19 MECHANICS SHOP
20 SUSPECTED GASOLINE UST
21 FORMER DIESEL AST
22 ELECTRICAL ROOM
23 AREA OF PCB INTERIM ACTION EXCAVATION.

LEGEND

MONROE AUTO SALVAGE SITE BOUNDARY

EAST SUBAREAS ADDRESSED IN THIS RI/FS

EXISTING AND FORMER RAIL ROAD LINES

STEEP SLOPE

FORMER SALVAGE YARD SUBAREA USED FOR RI SAMPLING NOMINCLATURE.

FORMER LUMBER MILL SUBAREA USED FOR RI SAMPLING NOMINCLATURE

FORMER BULK FUEL STORAGE SUBAREA

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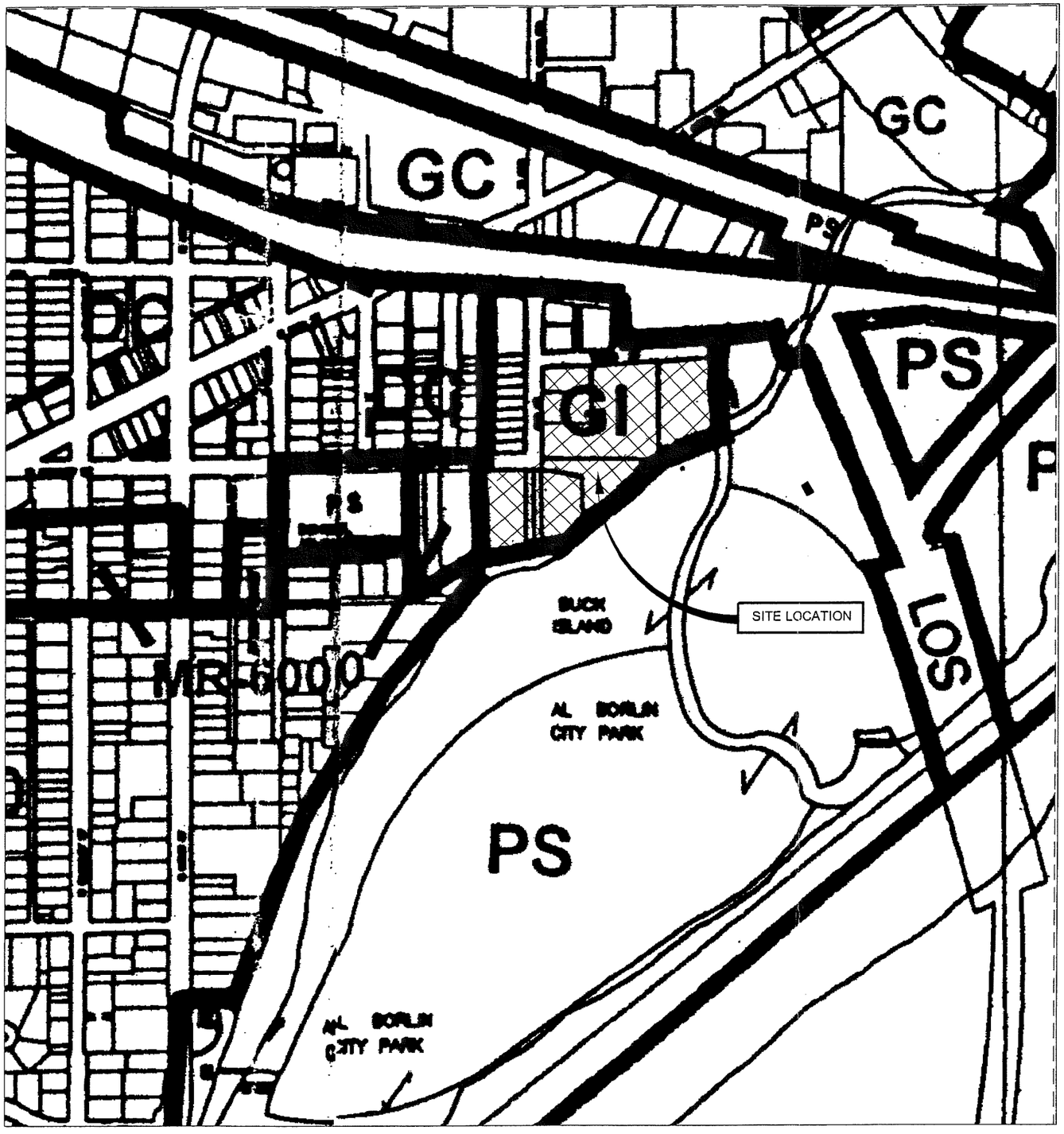
FIGURE 2

SUBAREA BOUNDARIES AND SITE FEATURES
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 602-002

Drawn By: QDD	Checked By: PJ	Date: 12/11/99	Disk Reference: 60100901B



ZONING MAP CITY OF MONROE, WASHINGTON

ADOPTED JANUARY 11, 1995
ORDINANCE 1050

OPEN SPACE
- PUBLIC OPEN SPACE (PS)
- LIMITED OPEN SPACE (LOS)

RESIDENTIAL
- SUBURBAN RESIDENTIAL (SR-15000)
- URBAN RESIDENTIAL (UR-9600)
- URBAN RESIDENTIAL (UR-6000)
- MULTI FAMILY (MR-6000)

OFFICE/COMMERCIAL
- PROFESSIONAL OFFCE (PO)
- SERVICE COMMERCIAL (SC)
- GENERAL COMMERCIAL (GC)
- DOWNTOWN COMMERCIAL (DC)

INDUSTRIAL
- LIGHT INDUSTRIAL (LI)
- GENERAL INDUSTRIAL (GI)

URBAN GROWTH AREA
- INCORPORATED
- UNINCORPORATED

LEGEND

EAST SUBAREAS

N

NOTE: DRAWING NOT TO SCALE

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FIGURE 3

SITE VICINITY ZONING MAP
RI / FS EAST SUBAREAS
MONROE AUTO SALVAGE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 601-001

Drawn By:QDD	Checked By:PJ	Date:12/11/99	Disk Reference:60100901B

BUILDING AND FEATURES EXPLANATION

1 FORMER CHEVRON OIL PUMPHOUSE
2 FORMER CHEVRON FILLING SHED
3 FORMER CHEVRON OIL WAREHOUSE
4 FORMER AUTO REPAIR SHOP
5 FORMER STORAGE BUILDING/CURRENT RENTAL SHOP
6 FORMER OIL WAREHOUSE/CURRENT AUTO REPAIR SHOP
7 STORAGE BUILDING
8 FORMER OIL WAREHOUSE/CURRENT U-HAUL OFFICE
9 OIL & GREASE WAREHOUSE
10 BULK FUEL STORAGE FACILITY
11 SINGLE FAMILY RESIDENCE
12 MOBILE HOME
13 STORAGE BUILDING
14 STORAGE SHED
15 OFFICE AND STORAGE BUILDING
16 STORAGE RACKS
17 STORAGE BUILDING
18 FORMER SAWMILL/STORAGE BUILDING
19 MECHANICS SHOP
20 SUSPECTED GASOLINE UST
21 FORMER DIESEL AST
22 ELECTRICAL ROOM
23 AREA OF PCB INTERIM ACTION EXCAVATION.

LEGEND

MONROE AUTO SALVAGE SITE BOUNDARY

EAST SUBAREAS ADDRESSED IN THIS RI/FS

EXISTING AND FORMER RAIL ROAD LINES

STEEP SLOPE

FORMER SALVAGE YARD SUBAREA USED FOR RI SAMPLING NOMINCLATURE.

FORMER LUMBER MILL SUBAREA USED FOR RI SAMPLING NOMINCLATURE

FORMER BULK FUEL STORAGE SUBAREA

FLMTP4 — TEST PIT LOCATION, FARALLON (1999)

FLMSB2 — SOIL BORING LOCATION, FARALLON 1999)

MAS-17-GRID — SOIL SAMPLE LOCATION, EMCON (1996)

SS-2 — SOIL SAMPLE LOCATION, HART CROWSER (1990)

M-1 — SOIL SAMPLE LOCATION, SCH (1994)

G-MAS-01 — SOIL SAMPLE LOCATION, GLACIER ENVIR. (1997)

FIGURE 4

SOIL SAMPLE LOCATIONS
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 601-001

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Drawn By:QDD	Checked By:PJ	Date:12/11/99	Disk Reference:60100901B

BUILDING AND FEATURES EXPLANATION

1 FORMER CHEVRON OIL PUMPHOUSE
2 FORMER CHEVRON FILLING SHED
3 FORMER CHEVRON OIL WAREHOUSE
4 FORMER AUTO REPAIR SHOP
5 FORMER STORAGE BUILDING/CURRENT RENTAL SHOP
6 FORMER OIL WAREHOUSE/CURRENT AUTO REPAIR SHOP
7 STORAGE BUILDING
8 FORMER OIL WAREHOUSE/CURRENT U-HAUL OFFICE
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16 STORAGE RACKS
17 STORAGE BUILDING
18 FORMER SAWMILL/STORAGE BUILDING
19 MECHANICS SHOP
20 SUSPECTED GASOLINE UST
21 FORMER DIESEL AST
22 ELECTRICAL ROOM
23 AREA OF PCB INTERIM ACTION EXCAVATION.

LEGEND

EAST SUBAREAS BOUNDARY

EAST SUBAREAS ADDRESSED IN THIS RI/FS

EXISTING AND FORMER RAIL ROAD LINES

STEEP SLOPE

FORMER SALVAGE YARD SUBAREA USED FOR RI SAMPLING NOMENCLATURE.

FORMER LUMBER MILL SUBAREA USED FOR RI SAMPLING NOMENCLATURE

HC-4 TO HC-5 GROUNDWATER MONITORING LOCATION, HART CROWSER (1990)

MW-1 TO MW-7 GROUNDWATER MONITORING LOCATION, EMCON (1969)

MW-8, MW-9 GROUNDWATER MONITORING LOCATION, FARALLON (1999)

0 150 300
APPROXIMATE SCALE IN FEET

N

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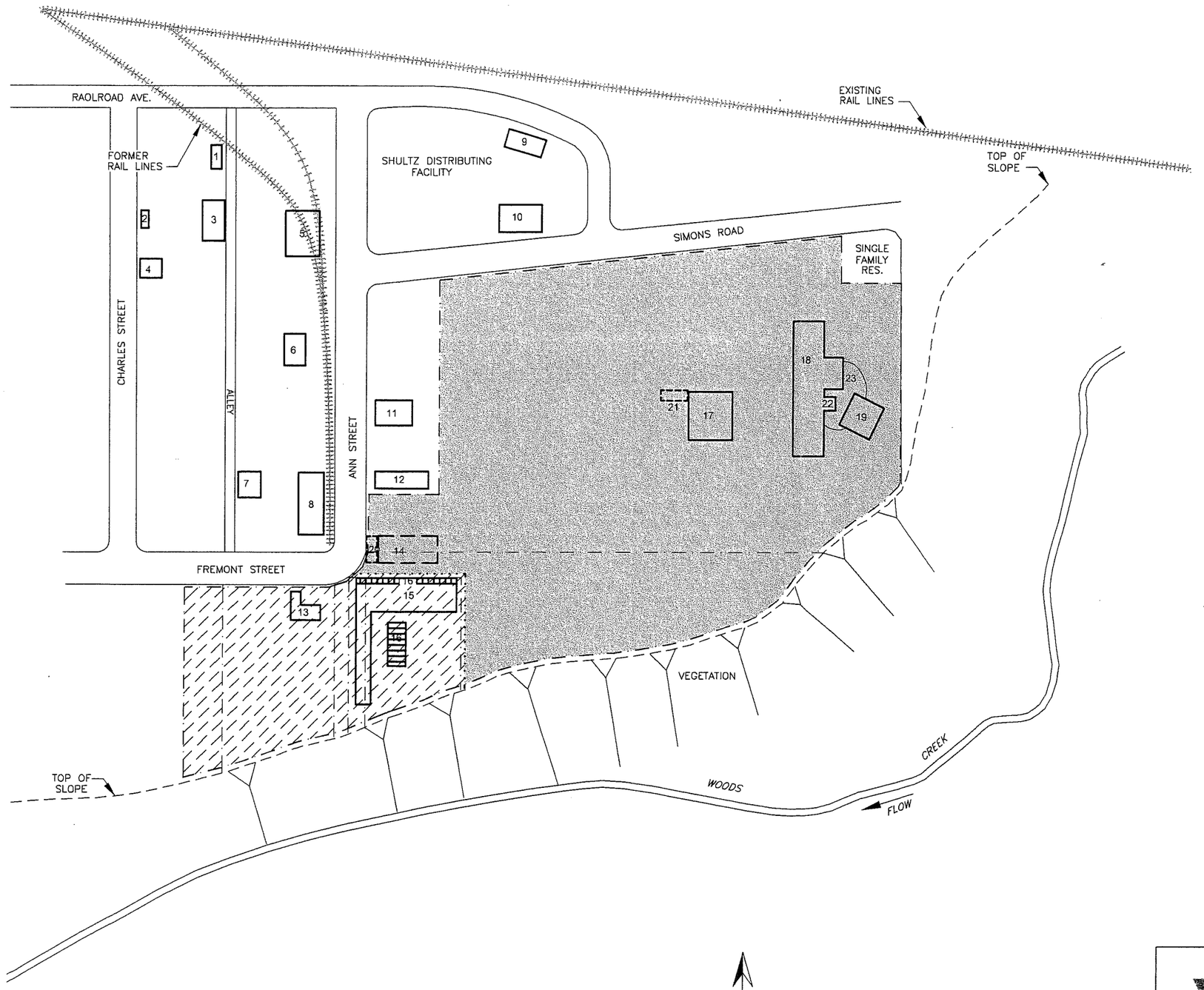
FIGURE 5

MONITORING WELL LOCATIONS
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 601-001

Drawn By:QDD	Checked By:PJ	Date:12/11/99	Disk Reference:60100901B



0 150 300

APPROXIMATE SCALE IN FEET

N

BUILDING AND FEATURES EXPLANATION

1 FORMER CHEVRON OIL PUMPHOUSE
2 FORMER CHEVRON FILLING SHED
3 FORMER CHEVRON OIL WAREHOUSE
4 FORMER AUTO REPAIR SHOP
5 FORMER STORAGE BUILDING/CURRENT RENTAL SHOP
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12 MOBILE HOME
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14 STORAGE SHED
15 OFFICE AND STORAGE BUILDING
16 STORAGE RACKS
17 STORAGE BUILDING
18 FORMER SAWMILL/STORAGE BUILDING
19 MECHANICS SHOP
20 SUSPECTED GASOLINE UST
21 FORMER DIESEL AST
22 ELECTRICAL ROOM
23 AREA OF PCB INTERIM ACTION EXCAVATION.

LEGEND

PARCEL BOUNDARIES
EAST SUBAREAS BOUNDARY
EXISTING AND FORMER RAIL ROAD LINES
STEEP SLOPE
AREA HISTORICALLY OWNED BY MONROE AUTO SALVAGE
AREA HISTORICALLY OWNED BY LUMBER MILL

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FIGURE 6

PARCEL BOUNDARY MAP
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 601-001

Drawn By: QDD	Checked By: PJ	Date: 12/11/99	Disk Reference: 60100901B

BUILDING AND FEATURES EXPLANATION

1 FORMER CHEVRON OIL PUMPHOUSE
2 FORMER CHEVRON FILLING SHED
3 FORMER CHEVRON OIL WAREHOUSE
4 FORMER AUTO REPAIR SHOP
5 FORMER STORAGE BUILDING/CURRENT RENTAL SHOP
6 FORMER OIL WAREHOUSE/CURRENT AUTO REPAIR SHOP
7 STORAGE BUILDING
8 FORMER OIL WAREHOUSE/CURRENT U-HAUL OFFICE
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16 STORAGE RACKS
17 STORAGE BUILDING
18 FORMER SAWMILL/STORAGE BUILDING
19 MECHANICS SHOP
20 SUSPECTED GASOLINE UST
21 FORMER DIESEL AST
22 ELECTRICAL ROOM
23 AREA OF PCB INTERIM ACTION EXCAVATION.

LEGEND

EAST SUBAREAS MONROE AUTO SALVAGE SITE BOUNDARY

EXISTING AND FORMER RAIL ROAD LINES

STEEP SLOPE

HC-4 TO HC-5 GROUNDWATER MONITORING LOCATION, HART CROWSER (1990)

MW-1 TO MW-7 GROUNDWATER MONITORING LOCATION, EMCON (1969)

MW-8, MW-9 GROUNDWATER MONITORING LOCATION, FARALLON (1999)

(55.41) GROUNDWATER ELEVATION 08/12/99

56 GROUNDWATER ELEVATION 08/12/99

GROUNDWATER ELEVATION 08/12/99

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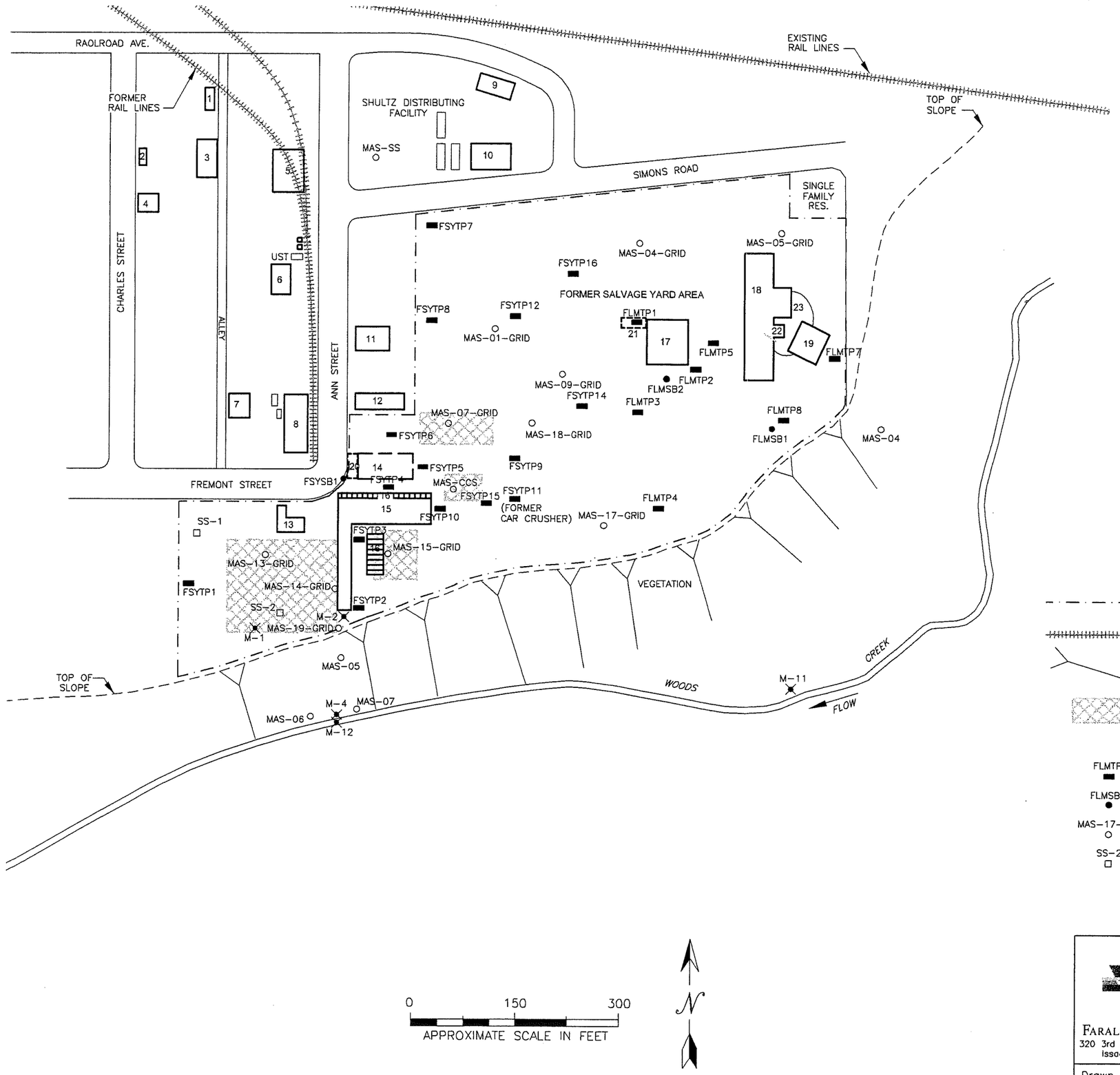
FIGURE 7

GROUNDWATER GRADIENT MAP
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 601-001

Drawn By: QDD	Checked By: PJ	Date: 12/11/99	Disk Reference: 60100901B



BUILDING AND FEATURES EXPLANATION

1 FORMER CHEVRON OIL PUMPHOUSE
2 FORMER CHEVRON FILLING SHED
3 FORMER CHEVRON OIL WAREHOUSE
4 FORMER AUTO REPAIR SHOP
5 FORMER STORAGE BUILDING/CURRENT RENTAL SHOP
6 FORMER OIL WAREHOUSE/CURRENT AUTO REPAIR SHOP
7 STORAGE BUILDING
8 FORMER OIL WAREHOUSE/CURRENT U-HAUL OFFICE
9 OIL & GREASE WAREHOUSE
10 BULK FUEL STORAGE FACILITY
11 SINGLE FAMILY RESIDENCE
12 MOBILE HOME
13 STORAGE BUILDING
14 STORAGE SHED
15 OFFICE AND STORAGE BUILDING
16 STORAGE RACKS
17 STORAGE BUILDING
18 FORMER SAWMILL/STORAGE BUILDING
19 MECHANICS SHOP
20 SUSPECTED GASOLINE UST
21 FORMER DIESEL AST
22 ELECTRICAL ROOM
23 AREA OF PCB INTERIM ACTION EXCAVATION.

LEGEND

- EAST SUBAREAS ADDRESSED IN THIS RI/FS
- EXISTING AND FORMER RAIL ROAD LINES
- STEEP SLOPE
- APPROXIMATE AREA OF EXCAVATION TO REMOVE SOIL WITH CONCENTRATIONS OF LEAD ABOVE MTCA METHOD A CLEANUP LEVELS
- FLMTP4 — TEST PIT LOCATION, FARALLON (1999)
- FLMSB2 — SOIL BORING LOCATION, FARALLON 1999)
- MAS-17-GRID — SOIL SAMPLE LOCATION, EMCON (1996)
- SS-2 — SOIL SAMPLE LOCATION, HART CROWSER (1990)

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FIGURE 8

APPROXIMATE AREAS OF EXCAVATION
RI/FS EAST SUBAREAS
MONROE AUTO SALVAGE SITE
426 FREMONT
MONROE, WASHINGTON

FARALLON PN: 601-001

Drawn By:QDD	Checked By:PJ	Date:12/11/99	Disk Reference:60100901B

APPENDIX A
TEST PIT AND BORING LOGS
REMEDIAL INVESTIGATION/ FEASIBILITY STUDY
EAST SUBAREAS
MONROE AUTO SALVAGE
MONROE, WASHINGTON

Farallon PN: 601-001
February 2, 2000

LOG OF TEST PIT FLM-TP1

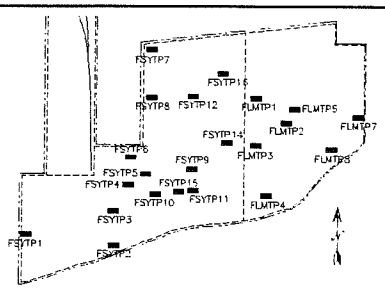
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1210 7/22/99
Time Finished	: 1300 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		SP		SAND with some gravel, poorly graded, little or no fines.	FLM-TP1@0.5'		0		0
					FLM-TP1@1.0'		0		
					FLM-TP1@2.0'		0		
					FLM-TP1@3.0'		0		
					FLM-TP1@4.0'		0		
5					FLM-TP1@5.0'		0	X	5
		GW		GRAVEL, well graded, with sand, light brown, cobels to 6", dry.					
					FLM-TP1@10.0'		65	X	
10				GRAVEL, well graded, with sand, light brown, cobbles to 6", moist.					10
		GW			FLM-TP1@12.5'		400	X	
					FLM-TP1@15'		0	X	
15				Total depth in feet below ground surface 15', moist.					15
20									20

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12-09-1999

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LOG OF TEST PIT FLM-TP1

(Page 1 of 1)

LOG OF TEST PIT FLM-TP2

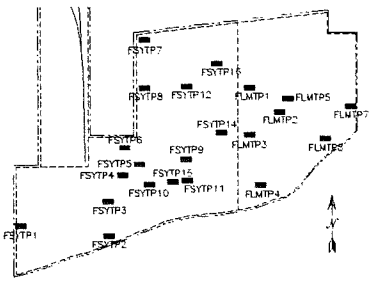
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 0957 7/22/99
Time Finished	: 1035 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, dark brown, construction debris, dry.	FLM-TP2@0.5'		0		0
		GW		GRAVEL, well graded, with some sand, cobbles to 6", dry.	FLM-TP2@1.0'		0	X	
					FLM-TP2@2.0'		0		
					FLM-TP2@3.0'		0		
		SP		Gravelly SAND, poorly graded, light brown with orange, little or no fines, dry.	FLM-TP2@4.0'		0		
					FLM-TP2@5.0'		0	X	
5		GW		GRAVEL, well graded, with sand, light brown, cobbles to 6", dry.					5
					FLM-TP2@10.0'		0	X	
10				Becomes moist.					10
				Total depth in feet below ground surface 10', moist.					
15									15

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12-09-1999

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LOG OF TEST PIT FLM-TP2

(Page 1 of 1)

LOG OF TEST PIT FLM-TP3

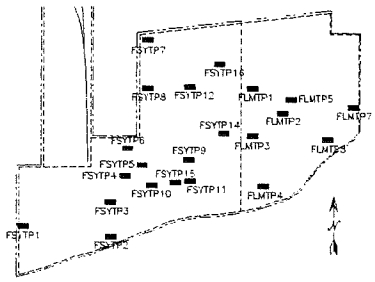
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 0906 7/22/99
Time Finished	: 0930 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, block sand and grave.	FLM-TP3@0.5'		0		0
		GW		GRAVEL, well graded, light brown, cobbles to 6", dry.	FLM-TP3@1.0'		0	X	
					FLM-TP3@2.0'		0		
		SP		Gravelly SAND, poorly graded, light brown with orange, little or no fines, dry.	FLM-TP3@3.0'		0		
					FLM-TP3@4.0'		0		
5					FLM-TP3@5.0'		0		5
		GW		GRAVEL, well graded, with sand, light brown, cobbles to 6", moist.					
10					FLM-TP3@10.0'		0	X	10
				Total depth in feet below ground surface 10', moist.					
15									15

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12-09-1999

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LOG OF TEST PIT FLM-TP3

(Page 1 of 1)

LOG OF TEST PIT FLM-TP4

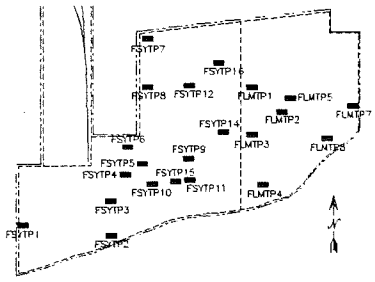
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1550 7/21/99
Time Finished	: 1610 7/21/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		GW		GRAVEL, well graded, with sand, light brown, cobbles to 6", dry.	FLM-TP4@0.5'		0		0
					FLM-TP4@1.0'		0	X	
					FLM-TP4@2.0'		0		
		SP		Gravelly SAND, poorly graded, light brown with orange, little or no fines, dry.	FLM-TP4@3.0'		0		
					FLM-TP4@4.0'		0		
5		GW		GRAVEL, well graded, with sand, light brown, cobbles to 6", dry.	FLM-TP4@5.0'		0		5
10				Becomes moist.	FLM-TP4@10.0'		0	X	10
				Total depth in feet below ground surface 10', moist.					
15									15

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Issaquah, WA 98027

LOG OF TEST PIT FLM-TP4

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LOG OF TEST PIT FLM-TP5

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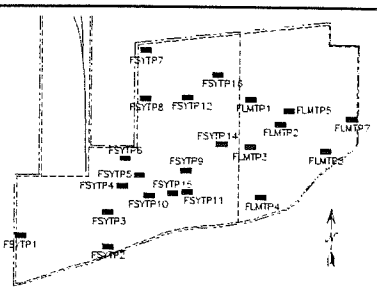
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1110 7/22/99
Time Finished	: 1145 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		GP		Sandy GRAVEL, poorly graded, with sand, light brown,Little or no fines, dry.	FLM-TP5@0.5'		0		0
					FLM-TP5@1.0'		0		
					FLM-TP5@2.0'		0		
					FLM-TP5@3.0'		0	X	
		GC		Sandy GRAVEL with some clay, light brown, moist.	FLM-TP5@4.0'		16		
5				Sandy GRAVEL, light brown, little or no fines, moist.	FLM-TP5@5.0'		16		5
		GW							
10					FLM-TP5@10.0'		16	X	10
15					FLM-TP5@15.0'		0	X	15
				Total depth in feet below ground surface 15'.					
20									20

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LOG OF TEST PIT FLM-TP5

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LOG OF TEST PIT FLM-TP7

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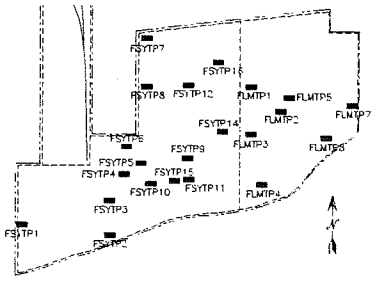
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1540 7/22/99
Time Finished	: 1542 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, block sand and gravel, dark brown, dry.	FLM-TP7@0.5'		0	X	0
					FLM-TP7@1.0'		0		
		FL		FILL, saw dust, light brown, moist.	FLM-TP7@2.0'		0		
		FL		FILL, wood debris, dark brown, organic, moist.	FLM-TP7@3.0'		0		
					FLM-TP7@4.0'		0		
					FLM-TP7@5.0'		0		
5		GW		Sandy GRAVEL, light brown, little or no fines, moist.					5
		GW		GRAVEL, with sand, well graded, light brown, cobbles to 6", moist.					
					FLM-TP7@10.0'		0	X	
10				Total depth in feet below ground surface 10'.					10
15									15

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LOG OF TEST PIT FLM-TP7

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LOG OF TEST PIT FLM-TP8

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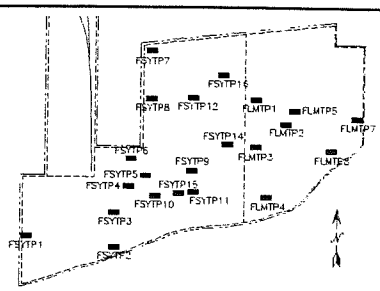
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1415 7/22/99
Time Finished	: 1455 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, gravel, well graded, with sand, cobbles to 6", dry	FLM-TP8@0.5'		0	X	0
					FLM-TP8@1.0'		0		
					FLM-TP8@2.0'		0		
		FL		FILL, gravel, clayey gravels, poorly graded, with construction debris, moist.	FLM-TP8@3.0'		0		
					FLM-TP8@4.0'		0		
5					FLM-TP8@5.0'		0		5
				FILL, wood debris, dark brown, organic, moist.					
10		FL		Total depth in feet below ground surface 10'.	FLM-TP8@10.0'		0		10
15					FLM-TP8@15.0'		0	X	15
20									20

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LOG OF TEST PIT FLM-TP8

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LOG OF TEST PIT FSY-TP1

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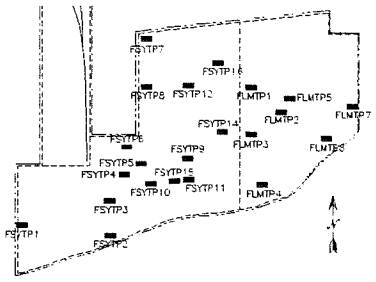
MONROE AUTO CENTER
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1350 7/22/99
Time Finished	: 1410 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0				Silty SAND with clay, poorly graded, brown, dry.	FSY-TP1@0.5'		0.0	X	0
					FSY-TP1@1.0'		0.0		
					FSY-TP1@2.0'		0.0		
					FSY-TP1@3.0'		0.0		
					FSY-TP1@4.0'		0.0		
5		SM			FSY-TP1@5.0'		0.0		5
				Silty SAND with clay, poorly graded, brown, moist.	FSY-TP1@10.0'		0.0	X	
10				Total depth 10 feet below ground surface.					10
15									15

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LOG OF TEST PIT FSY-TP1

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LOG OF TEST PIT FSY-TP2

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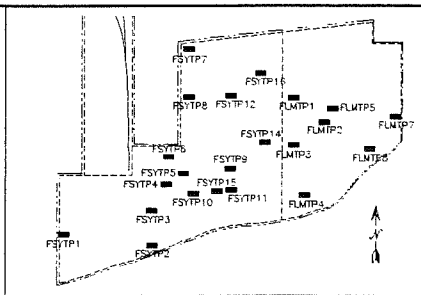
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1535 7/22/99
Time Finished	: 1600 7/22/99
Hole Diameter	: 6 5/8 in.
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, black sand and gravel, debris, stained with petroleum hydrocarbons, dry	FSY-TP2@0.5'		10.0		0
					FSY-TP2@1.0'		2.5		
		FL		FILL, sand-gravel, with orange, poorly graded, little or no fines, dry.	FSY-TP2@2.0'		0.0		
					FSY-TP2@3.0'		0.0		
		GW		GRAVEL, light brown, graded gravel, gravel sand mixture, little or no fines, dry	FSY-TP2@4.0'		0.0		
		FL		FILL, black sand and gravel, with construction debris, dry.	FSY-TP2@5.0'		0.0		
5		FL		FILL, black sand and gravel, with construction debris, moist					5
		GW		SANDY GRAVEL, light brown, well graded, little or no fines, moist.	FSY-TP2@10.0'		0.0		
10									10
					FSY-TP2@15.0'		0.0		
15				Total depth 15 feet below ground surface.					15
20									20

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LOG OF TEST PIT FSY-TP2

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LOG OF TEST PIT FSY-TP3

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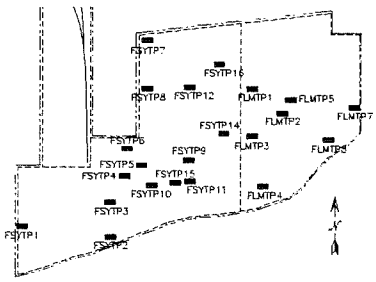
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Faralion PN: 601-001

Logged By: Matt Essig

Time Started	: 1445 7/22/99
Time Finished	: 1520 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Compny	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0				FILL, black sand and gravel, with construction debris.	FSY-TP3@0.5'		25		0
					FSY-TP3@1.0'		10	X	
					FSY-TP3@2.0'		0.0		
					FSY-TP3@3.0'		0.0		
					FSY-TP3@4.0'		0.0		
					FSY-TP3@5.0'		0.0		
5		FL							5
10					FSY-TP3@10.0'		0.0	X	10
				Total depth 10 feet below ground surface.					
15									15

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LOG OF TEST PIT FSY-TP3

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LOG OF TEST PIT FSY-TP4

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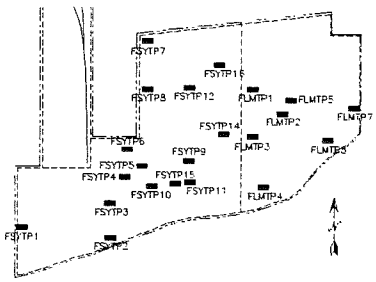
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1640 7/22/99
Time Finished	: 1700 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		0'-0.5' FILL, dark brown, block sand & gravel, petroleum hydrocarbon odor.	FSY-TP4@0.5'		0.0		0
				0.5'-4' SAND, light brown, with orange, very dense.	FSY-TP4@1.0'		0.0	X	
					FSY-TP4@2.0'		0.0		
		SM			FSY-TP4@3.0'		0.0		
					FSY-TP4@4.0'		0.0		
5				4'-10' SANDY GRAVEL, light brown, well graded, cobbles to 6".	FSY-TP4@5.0'		0.0	X	5
		GW							
10					FSY-TP4@10.0'		0.0	X	10
				Total depth in feet below ground surface 10'					
15									15

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LOG OF TEST PIT FSY-TP4

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LOG OF TEST PIT FSY-TP5

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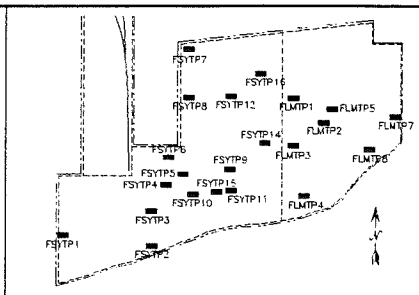
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1050 7/20/99
Time Finished	: 1140 7/20/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	:
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis
0	FL		0'-1.5' FILL, dark brown, dry.	FSY-TP5@0.5'		25	
				FSY-TP5@1.0'		5	X
			SAND, light brown with orange, dense, dry.	FSY-TP5@2.0'		0.0	
	SM			FSY-TP5@3.0'		1.5	X
				FSY-TP5@4.0'		2.8	
	GC		CLAYEY GRAVEL with sand, light brown, moist.	FSY-TP5@5.0'		2.5	X
5			GRAVEL, light brown, well graded gravel with sand, cobbles to 6", moist.				
10	GW			FSY-TP5@10.0'		0.0	
15				FSY-TP5@15'		0.0	
			Total depth in feet below ground surface 15', moist.				
20							

Depth in Feet: 0, 5, 10, 15, 20

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LOG OF TEST PIT FSY-TP5

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LOG OF TEST PIT FSY-TP6

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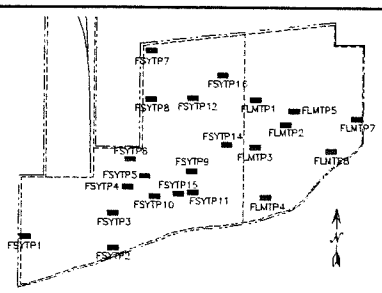
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 0825 7/21/99
Time Finished	: 0845 7/21/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		GW		0'-2' GRAVEL, dark brown, with organic material.	FSY-TP6@0.5'		25		0
					FSY-TP6@1.0'		2.5	X	
					FSY-TP6@2.0'		0.0		
		SP		2'-3' SANDY GRAVEL, light brown, w/ orange, dense.	FSY-TP6@3.0'		0.0	X	
		GP		3'-5' GRAVELLY SAND, light brown, w/ orange, poorly graded, little or no fines.	FSY-TP6@4.0'		0.0		
					FSY-TP6@5.0'		0.0		
5		GW		5'-10' GRAVEL					5
					FSY-TP6@10.0'		0.0	X	
10				Total depth below surface 10'					10
15									15

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LOG OF TEST PIT FSY-TP6

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LOG OF TEST PIT FSY-TP7

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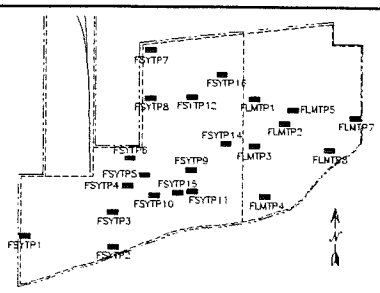
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	:
Time Finished	:
Excavation Method	: Grab
Sampling Method	: NA
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, gravel, light brown, dry	FSY-TP7@0.5'		0.0		0
					FSY-TP7@1.0'		0.0		
					FSY-TP7@2.0'		0.0	X	
				2.0'-15' Clayey GRAVEL, with sand, light brown, dense, dry.	FSY-TP7@3.0'		0.0		
					FSY-TP7@4.0'		0.0		
5					FSY-TP7@5.0'		0.0		5
		GC							
10					FSY-TP7@10.0'		0.0	X	10
15					FSY-TP7@15.0'		0.0		15
				Total depth in feet below ground surface 15'					
20									20

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LOG OF TEST PIT FSY-TP7

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LOG OF TEST PIT FSY-TP8

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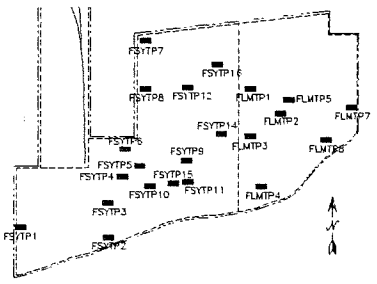
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 0910 7/21/99
Time Finished	: 0930 7/21/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		0'-1' SAND, dark brown, well graded sand, organic material, dry.	FSY-TP8@0.5'		2.0	X	0
					FSY-TP8@1.0'		2.0		
		GP		1'-3' GRAVELLY SAND, light brown, w/ orange, poorly graded, little or no fines, dry.	FSY-TP8@2.0'		2.0		
					FSY-TP8@3.0'		2.0		
		GC		3'-4' CLAYEY GRAVEL SAND, light brown, dry.	FSY-TP8@4.0'		2.0		
		SW		4'-5' SAND, light brown with orange, dense, dry.	FSY-TP8@5.0'		2.0		
5		SP		5'-10' SANDY GRAVEL, light brown, well graded gravel, little or no fines, dry.					5
					FSY-TP8@10.0'		2.0	X	
10				Total depth in feet below ground surface 10'.					10
15									15

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LOG OF TEST PIT FSY-TP8

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LOG OF TEST PIT FSY-TP9

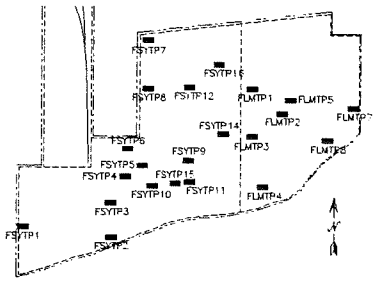
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1445 7/22/99
Time Finished	: 1520 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	:
Surface Elev.	: N/A
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		0'-3' FILL,construction debris, heavily stained with hydrocarbons, dry.	FSY-TP9@0.5				0
					FSY-TP9@1.0		25		
					FSY-TP9@2.0		20		
					FSY-TP9@3.0		10		
		GP		3'-4' GRAVEL, light brown, poorly graded gravels, dry.	FSY-TP9@4.0		0.0		
		SC		4'-5' CLAYEY SAND, light brown with orange, dense, dry.	FSY-TP9@5.0		0.0		
5				5'-15' SANDY GRAVEL, light brown well graded, little or no fines, moist.					5
10		SP			FSY-TP9@10.0		0.0		10
					FSY-TP9@15.0		0.0		
15				Total depth in feet below ground surface 15'					15
20									20

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LOG OF TEST PIT FSY-TP9

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LOG OF TEST PIT FSY-TP10

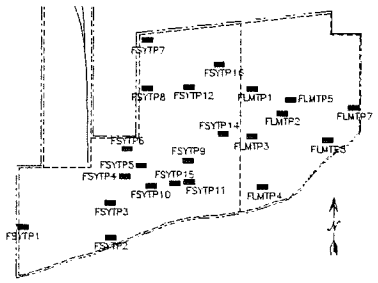
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1245 7/20/99
Time Finished	: 1310 7/20/99
Excavation Method	: Back Hoe Test Pit Method
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		0'-2' FILL,dark brown, dry.	FSY-TP11@0.5		10		0
					FSY-TP11@1.0		2.5		
					FSY-TP11@2.0		4.8		
		SM		2'-3' SAND, light brown with orange, dense, dry.	FSY-TP11@3.0		0		
		GW		3'-4' GRAVELLY SAND, light brown, well graded, little or no cobbles, dry.	FSY-TP11@4.0		0		
		GP		4'-5' GRAVEL, with sand and clay, light brown, dry.	FSY-TP11@5.0		0		
5		SP		5'-10' SANDY GRAVEL, light brown, poorly graded, coobles to 6", dry.					5
					FSY-TP11@10.0		0		
10				Total depth in feet below ground surface 10', moist.					10
15									15

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LOG OF TEST PIT FSY-TP10

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LOG OF TEST PIT FSY-TP11

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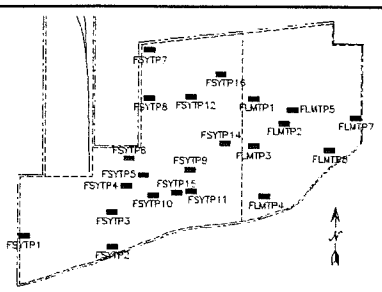
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 0900 7/20/99
Time Finished	: 0945 7/20/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, black sand and gravel withconstruction debris.	FSY-TP11@0.5		2.5		0
		SM		0.5'-2' SILTY SAND, with clayyellowish orange, poorly graded, dry.	FSY-TP11@1.0		2.5	X	
					FSY-TP11@2.0		2.5		
		GP		GRAVELLY SAND, light brown with orange, poorly graded, little or no fines, dry.	FSY-TP11@3.0		10.8	X	
					FSY-TP11@4.0		12.5		
5					FSY-TP11@5.0		10.7	X	5
		GW		SANDY GRAVEL, light brown, well graded gravels,little or no fines, dry.					
					FSY-TP11@10.0		0		10
		GW		SANDY GRAVEL, light brown, well graded gravels,little or no fines, moist.					
15					FSY-TP11@15.0		0	X	15
				Total depth in feet below ground surface 15', moist.					
20									20

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LOG OF TEST PIT FSY-TP11

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LOG OF TEST PIT FSY-TP12

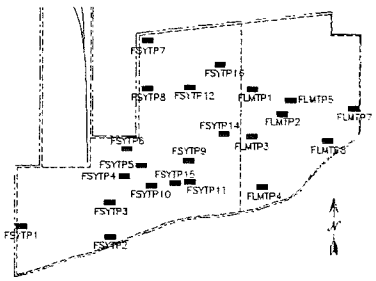
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1125 7/21/99
Time Finished	: 1150 7/21/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		GW		Sandy GRAVEL, well graded, light brown, little or no fines, dry.	FSY-TP12@0.5		0		0
					FSY-TP12@1.0		0	X	
					FSY-TP12@2.0		0		
		SW		Gravelly SAND, well graded, light brown, little or no fines, dry.	FSY-TP12@3.0		0		
					FSY-TP12@4.0		0		
		SW		Gravelly SAND, poorly graded, light brown with orange, little or no fines, dry.	FSY-TP12@5.0		0		
5		GW		Sandy GRAVEL, well graded, light brown, little or no fines, moist.					5
10				Total depth in feet below ground surface 10'	FSY-TP12@10.0		0	X	10
15									15

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LOG OF TEST PIT FSY-TP12

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LOG OF TEST PIT FSY-TP13

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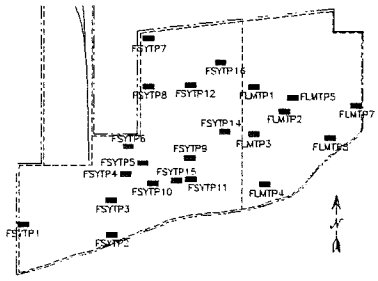
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1415 7/21/99
Time Finished	: 1445 7/21/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Compny	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, dark brown, block sand and gravel with construction debris, dry.	FSY-TP13@0.5		0		0
					FSY-TP13@1.0		0	X	
		GM		Sandy GRAVEL, graded gravels, light brown, gravel sand mixture, little or no fines, dry.	FSY-TP13@2.0		0		
		SW		SAND, well graded, light brown, gravelly sand, little or no fines, dry.	FSY-TP13@3.0		0		
					FSY-TP13@4.0		0		
		SP		SAND, poorly graded, light brown with orange, gravelly sand,little or no fines, dry.	FSY-TP13@5.0		0		
5		GW		Sandy GRAVEL, well graded, light brown, little or no fines, dry.					5
10				Total depth in feet below ground surface 10'	FSY-TP13@10.0		0	X	10
15									15

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LOG OF TEST PIT FSY-TP13

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LOG OF TEST PIT FSY-TP14

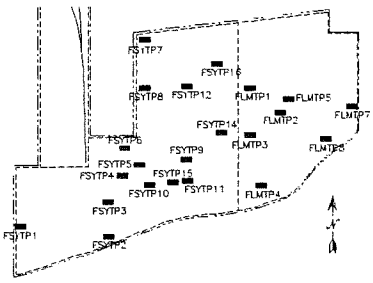
(Page 1 of 1)

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 1520 7/21/99
Time Finished	: 1540 7/21/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		GW		Sandy GRAVEL, well graded, light brown, little or non fines, dry.	FSY-TP14@0.5		0		0
					FSY-TP14@1.0		0	X	
					FSY-TP14@2.0		0		
		SW		Gravellly SAND, well graded, light brown, little or no fines, dry.	FSY-TP14@3.0		0		
					FSY-TP14@4.0		0		
5		GW		Sandy GRAVEL, well graded, light brown, little or no fines, dry.	FSY-TP14@5.0		0		5
10				Total depth in feet below ground surface 10'	FSY-TP14@10.0		0	X	10
15									15

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LOG OF TEST PIT FSY-TP14

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LOG OF TEST PIT FSY-TP15

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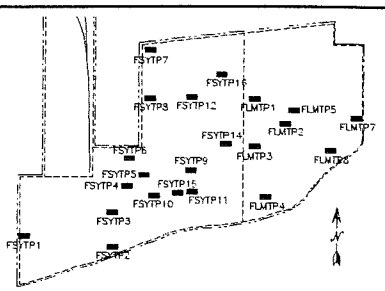
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	: 0930 7/22/99
Time Finished	: 1015 7/22/99
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, black sand and gravel with construction debris.	FSY-TP15@0.5		0		0
		SM		SAND, poorly graded, yellowish orange, silt and clay, sand and silt mixtures, dry.	FSY-TP15@1.0		0		
					FSY-TP15@2.0		0		
				SAND, poorly graded, light brown with orange, gravelly sand, little or no fines, dry.	FSY-TP15@3.0		0		
		SP			FSY-TP15@4.0		0		
					FSY-TP15@5.0		0		
5				GRAVEL, well graded, light brown, gravel sand mixtures, little or no fines, dry.					5
10				Becomes moist.	FSY-TP15@10.0		0		10
		GW							
15					FSY-TP15@15.0		0		15
20				Becomes saturated.	FSY-TP15@21.0		0		20
				Total depth in feet below ground surface 21.5'					
25									25

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LOG OF TEST PIT FSY-TP15

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LOG OF TESTPIT FSY-TP16

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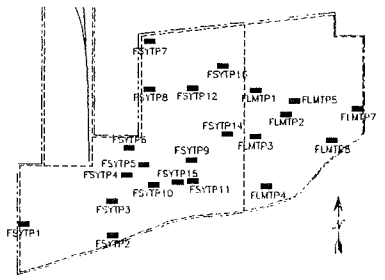

MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	:	Surface Elev.	: NA
Time Finished	:	Ground Water Elev.	:
Hole Diameter	: 6 5/8 in.	Drilling Compny	: Premium Contruction
Drilling Method	: NA	Drill Forman	: Rick Wetzel
Sampling Method	: Grab	Equipment	: Extend-A-Hoe

Depth in Feet	Samples	% Recovery	USCS	GRAPHIC	DESCRIPTION
0		100	FL		FILL, block sand and gravel, dry.
		100	GW		Sandy GRAVEL, dense, well graded, light brown with orange, dry.
		100			
		100			
		100	SW		Gravelly SAND, well graded, light brown, little or no fines, dry.
		100	SP		SAND, poorly graded, light brown, little or no fines, dry.
5					Sandy GRAVEL, well graded, light brown, little or no fines, dry.
		0	GW		
		100			Become moist.
10					Total depth in feet below ground surface 10'
15					

Depth in Feet	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	REMARKS	Depth in Feet
0	FSY-TP16@0.5		0			0
	FSY-TP16@1.0		0			
	FSY-TP16@2.0		0			
	FSY-TP16@3.0		0			
	FSY-TP16@4.0		0			
5	FSY-TP16@5.0		0			5
10	FSY-TP16@10.0		0			10
15						15

LOG OF TEST PIT FSY-TP16

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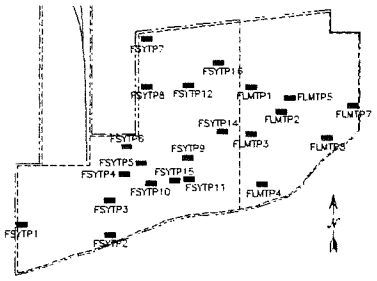
MONROE AUTO SALVAGE
426 Fremont
Monroe, Wa.

Farallon PN: 601-001

Logged By: Matt Essig

Time Started	:
Time Finished	:
Excavation Method	: Back Hoe Test Pit
Sampling Method	: Grab
Surface Elev.	: NA
Ground Water Elev.	:
Excavation Company	: Premium Contruction
Excavation Forman	: Rick Wetzel
Equipment	: Extend-A-Hoe



Depth in Feet	Sample Interval	USCS	GRAPHIC	DESCRIPTION	Sample ID.	PID (ppm) 0 10 20 30 40 50	PID (ppm)	Submitted for Lab Analysis	Depth in Feet
0		FL		FILL, block sand and gravel, dry.	FSY-TP16@0.5		0		0
		GW		Sandy GRAVEL, dense, well graded, light brown with orange, dry.	FSY-TP16@1.0		0		
					FSY-TP16@2.0		0		
					FSY-TP16@3.0		0		
		SW		Gravelly SAND, well graded, light brown, little or no fines, dry.	FSY-TP16@4.0		0		
		SP		SAND, poorly graded, light brown, little or no fines, dry.	FSY-TP16@5.0		0		
5		GW		Sandy GRAVEL, well graded, light brown, little or no fines, dry.					5
10				Become moist.	FSY-TP16@10.0		0		10
				Total depth in feet below ground surface 10'					
15									15

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LOG OF TEST PIT FSY-TP16

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LOG OF BORING FLM-SB1

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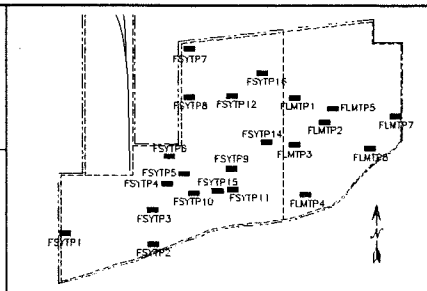


Monroe Auto Salvage
Remedial Investigation / Feasibilty Study
Monroe, WA

Project # 601-001

Logged by: Matt Essig

Time Started	: 8/6/99	Surface Elev.	: NA
Time Finished	: 8/6/99	Ground Water	: 22 feet
Hole Diameter	: 6 5/8 in.		
Drilling Method	: H.S.A.		
Sampling Method	: CA Mod. Sampler		

Depth in Feet	Sample Interval	% Recovery	Blow Count 6/6/6	USCS	GRAPHIC	DESCRIPTION	Sample ID.	Submitted for Lab Analysis
0		0		SP		SAND, Poorly Graded, medium dense, brown, medium sand, damp.		
5		55	46,50-4"	SW		SAND, Well Graded, dense, gray-brown, medium to coarse sand with gravel, damp, no sheen, no odor.	FLM-SB1@6.0'	
		0						
10		33	70-6"	GW		GRAVEL, Well Graded, dense. gray-brown, sandy gravel, damp, no sheen no odor.	FLM-SB1@10.0'	
		0						
		33	60-6"	SP		SAND, Poorly Graded, dense, rusty brown, medium sand with gravel, damp, no sheen, no odor	FLM-SB1@13.0'	X
15		0						
		61	42,50-5"	SW		SAND, Well Graded, dense, gray-brown, gravelly coarse sand, damp, sheen, no odor.	FLM-SB1@16.0'	
		0						
		33	60-6"	SP		SAND, Poorly Graded, dense, mottled gray & rust brown, medium sand with gravel, damp, no sheen, no odor.	FLM-SB1@18.0'	
20		0						
		61	40,50-5"	SW		SAND, Well Graded, dense, brown-gray, gravelly medium sand, damp, no sheen, no odor.	FLM-SB1@21.0'	X
		27	60-5"	SP		SAND, Poorly Graded, dense, brown-gray, coarse sand with gravel, wet to saturated, no sheen, no odor.	FLM-SB1@23.0'	
25						Total depth 23 feet below ground surface.		
30								

Well: FLM-SB1
Elev.: NA

23

Well Construction Information

WELL CONSTRUCTION

Date Completed	: 8/6/99
Hole Diameter	: 5 5/8 in.
Drill. Method	: HSA
Company Rep.	: D. Simon

WELL CASING

Material	:
Diameter	:
Joints	:

WELL SCREEN

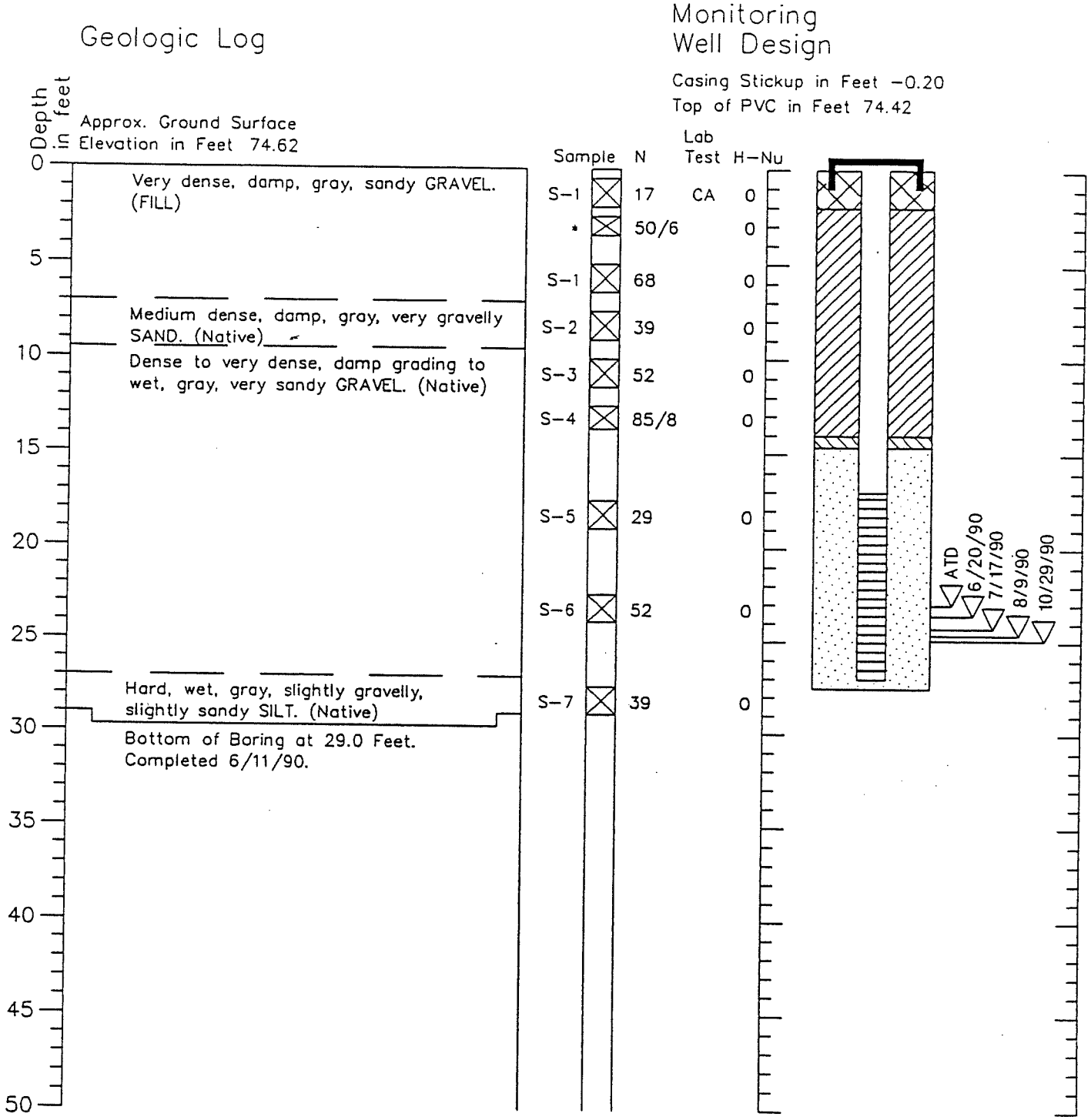
Material	:
Diameter	:
Joints	:
Opening	:
	:
SAND PACK	:
	:
ANNULUS SEAL	: bentonite pellets
	: and slurry

WELL SCREEN

Material	:
Diameter	:
Cap	:

NOTES

Boring Log and Construction Data for Monitoring Well HC-4



1. Refer to Figure A−1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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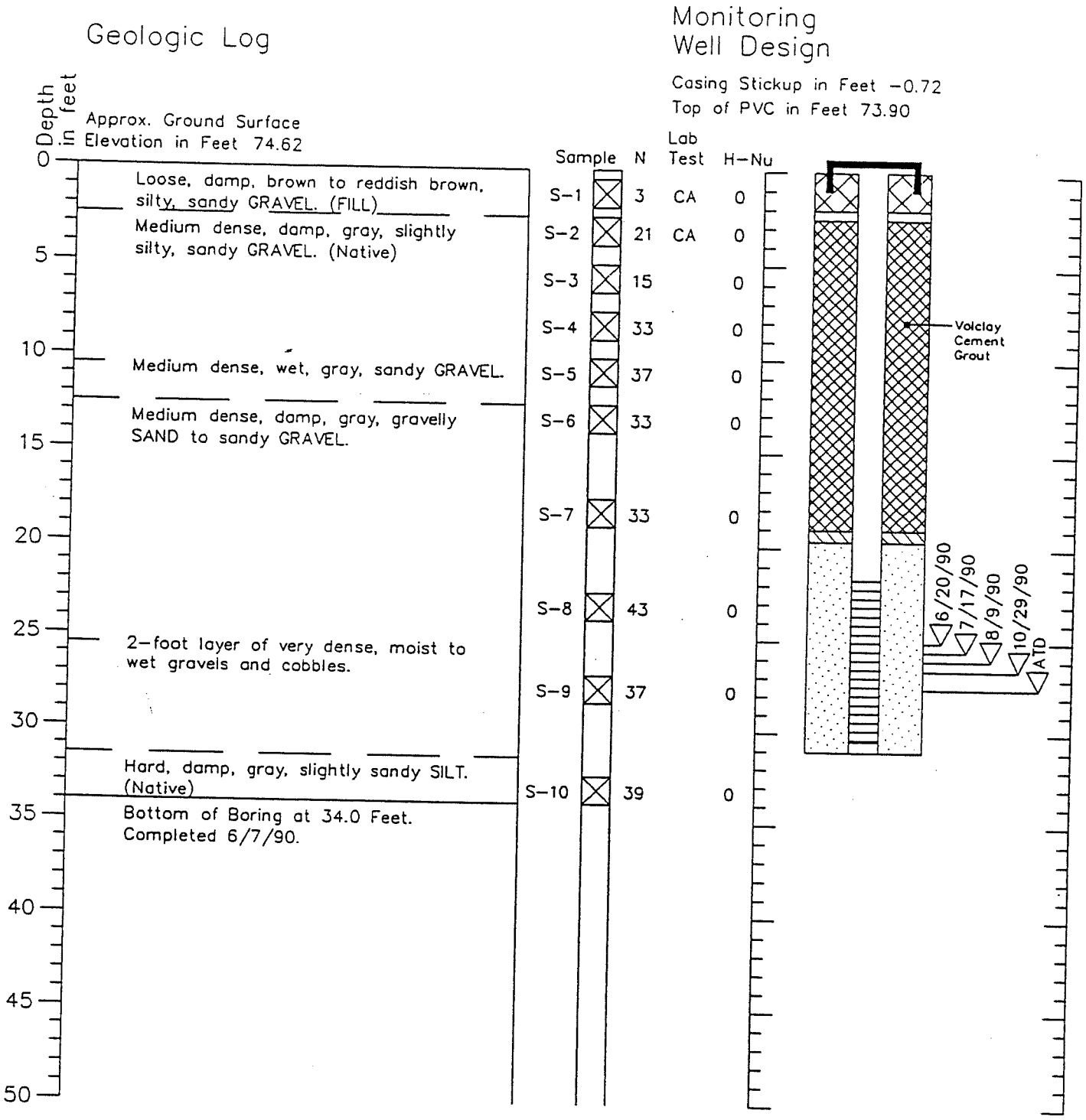
J-2915 6/90

Figure A- 5

Boring Log and Construction Data for Monitoring Well HC-5



1. Refer to Figure A-1 for explanation of descriptions and symbols.
2. Soil descriptions and stratum lines are interpretive and actual changes may be gradual.
3. Ground water level, if indicated, is at time of drilling (ATD) or for date specified. Level may vary with time.

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J-2915 6/90

Figure A- 6

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: Monroe Auto Salvage
PROJECT #: 40358-017.001(2)
GEOLOGIST/ENGINEER: Nick Grayson
DRILLING CONTRACTOR: CASCADE
DRILLING METHOD: CME 75 Hollow Stem Auger Drill Rig
HOLE DIA.: 4.25" I.D./7" O.D.

BORING NO.: MW-1
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 21.5 Feet
SHEET: 1 OF 2

FIELD LOCATION OF BORING: Next to ORANGE SHACK @ SE Site Boundary
GROUND ELEVATION:
DATUM:

WATER LEVEL DATA				
DEPTH	~17'			
TIME	0815			
DATE	5/1/96			
BORING DEPTH	21.5'			

OTHER: PID

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
					1	SM	0.0 to 5.5 feet: Silty SAND with GRAVEL (SM-GW) dark brown, fine to coarse SAND, ~15-20% low to medium plasticity fines, ~10-15% fine to coarse gravel, scattered rootlets and glass fragments, dense, damp (FILL)
					2		
					3		
					4		
2.7	SB	MW-1 -5	30 50/3	X	5		5.5 to 17 feet: SAND (SW), light brown, fine to medium, ~5% coarse SAND to fine gravel, trace fines, very dense, damp to wet (NATIVE)
					6		
					7		
					8		
					9	SW	
0.0	SB	MW-1 -10	55	X	10		
					11		
					12		
					13		
					14		
0.0	SB	MW-1 -15	62	X	15		
					16		
					17		17 to 19 feet: SAND (SP), brown, fine, ~5% low plasticity fines, trace medium to coarse SAND, very dense, wet (NATIVE)
					18		
					19		

REMARKS: 1) SB = Soil Samples collected using either a 2.5" x 24" Dames and Moore Sampler or a 2.5" x 36" Stainless Steel Split Barrel sampler 2) Blow counts do not represent SPT Results 3) White triangle = field estimate of water level during time of drilling 4) Soil samples screened with PID 5) Reference elevation = ground surface

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: Monroe Auto Salvage
PROJECT #: 40358-017.001(2)
GEOLOGIST/ENGINEER: Nick Garson
DRILLING CONTRACTOR: CASCADE
DRILLING METHOD: CME 75 Hollow Stem Auger
HOLE DIA.: 4.25" I.D./8"O.D.

BORING NO.: MW-1
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 21.5 feet
SHEET: 2 OF 2

OTHER: PID

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)
	SB	MW-1-19	15 17 12	X	21 22	

WATER LEVEL DATA

DEPTH				
TIME				
DATE				
BORING DEPTH				

FIELD LOCATION OF BORING:

GROUND ELEVATION: _____
DATUM: _____

LITHOLOGIC DESCRIPTION

19 to 21 feet: Silt (ML), brown to gray, laminated, low to medium plasticity, stiff, wet (Native)

TOTAL Depth Drilled: 20 feet bgs
Total Depth Sampled: 21.5 feet bgs

Well Completion Details

0 - 9 feet bgs: 2-inch diameter, flush-threaded Schedule 40 PVC blank riser pipe

9 - 19 feet bgs: 2-inch diameter, flush-threaded Schedule 40 PVC well screen with 0.020 inch machined slots.

0 - 1.5 feet bgs: Flush mount well monument with concrete

1.5 to 6.5 feet bgs: Pure Gold medium bentonite chips hydrated with potable water.

6.5 - 19 feet bgs: RMC Lonestar #6/12 SAND

REMARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: Monroe Auto Salvage
PROJECT #: 40358-017.001(2)
GEOLOGIST/ENGINEER: Nick Grayson
DRILLING CONTRACTOR: Cascade
DRILLING METHOD: CME 75 Hollow Stem Auger Drill Rig
HOLE DIA.: 4.25" I.D. / 9" O.D.

BORING NO.: MW-2
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 29 feet
SHEET: 1 OF 2

OTHER: PID

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)
2.7	SB	MW-2-5	20 / 27 / 12	X	5	SM-GW
2.7	SB	MW-2-10	8 / 7 / 7	X	10	SM
2.7	SB	MW-2-15	5 / 7 / 8	X	15	SW

WATER LEVEL DATA

DEPTH	~21.5'
TIME	1025
DATE	5/1/96
BORING DEPTH	29 feet

FIELD LOCATION OF BORING: South of office

GROUND ELEVATION: _____

DATUM: _____

LITHOLOGIC DESCRIPTION

0.0 to 10 feet: Silty SAND with GRAVEL (SM-GW) dark brown, fine to coarse SAND, ~15-20% low to medium plasticity fines, ~10-15% fine to coarse GRAVEL, loose to medium dense, damp (FILL)

@ 10 feet - Auger Refusal. Moved boring ~3-4 to south.

10 to 15 feet: Silty SAND (SM) dark brown to black, fine, ~10-15% low plasticity fines, trace to ~5% medium to coarse SAND, scattered wood chips and peat, loose, damp (NATIVE)

15 to 21 feet: SAND (SW) brown, fine to medium, ~5-10% coarse SAND, trace fines, loose, damp to wet (NATIVE)

REMARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: MONROE AUTO SALVAGE
PROJECT #: 40358-017.001(2)
GEOLOGIST/ENGINEER: NICK GARSON
DRILLING CONTRACTOR: CASCADE
DRILLING METHOD: CME 75 H.S.A. DRILL Rig
HOLE DIA.: 4.25" I.D. / 9" O.D.

BORING NO.: MW-2
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 29 feet
SHEET: 2 OF 2

OTHER*: PID

WATER LEVEL DATA

DEPTH				
TIME				
DATE				
BORING DEPTH				

FIELD LOCATION OF BORING:

GROUND ELEVATION: _____
DATUM: _____

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
2.7	SB	MW-2-20	15	X	21	SW	21 to 27.5 feet: Silt (ML), rust brown, non to low plasticity, trace fine SAND, hard, moist to wet (NATIVE)
			34	X		ML	
			50/5	X			
	SB	MW-2-21.5	24	X	22		
			17	X			
			23	X	23		21.5 to 27.5 feet: SAND (SW), brown, fine to medium, ~5-10% coarse SAND, trace fines, medium to very dense, wet (NATIVE)
					24		
	SB	MW-2-25	80/5	X	25	SW	
					26		(0 ~ 25 feet: Fines increase to ~5-15%
					27		
	SB	MW-2-27.5	31	X	28	ML	27.5 to 28.5 feet: Silt (ML), gray, low plasticity, hard, wet (NATIVE)
			50	X			
					29		
					30		

TOTAL Depth DRILLED: 27.5 feet bgs
TOTAL Depth Sampled: 29 feet bgs

WELL Completion DETAILS

0 - 17 feet bgs: 2-inch diameter, flush-threaded Schedule 40 PVC blank Riser pipe

17 - 27 feet bgs: 2-inch diameter, flush-threaded Schedule 40 PVC well screen with 0.020-inch machined slots

MONUMENT

0 - 1.5 feet: Flush well monument with concrete

1.5 - 15.5 feet: Plain #Gold medium bentonite chips hydrated with potable water

15.5 - 27 feet: RMC Lonestar #6/12 SAND

REMARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: Muncie Auto Salvage
PROJECT #: 40358-017.001
GEOLOGIST/ENGINEER: Nicole Grayson
DRILLING CONTRACTOR: Cascade
DRILLING METHOD: CME 75 Hollow Stem Auger, Auger Rig
HOLE DIA.: 4.25" I.D./9" O.D.

BORING NO.: MW-3
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 28 feet
SHEET: 1 OF 2

FIELD LOCATION OF BORING: South of Focused RCD Sampling Area
GROUND ELEVATION:
DATUM:

OTHER: PID

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
					0		0.0 to 10 feet: Silty GRAVELLY SAND (SW), light to dark brown, fine to coarse, ~10-15% fine to coarse gravel, ~5-10% low plasticity fines, dense, damp (FILL)
2.7	SB	MW-3-5	50/4	X	5	SW	
2.7	SB	MW-3-10	31/50	X	10	SP	10 to 15 feet: SAND (SP), brown, fine, trace to ~5% medium to coarse SAND, trace fines, medium to dense, damp (NATIVE)
2.7	SB	MW-3-15	54	X	15	SW	15 to 20 feet: GRAVELLY SAND (SW), rust brown, fine to coarse, ~15-20% fine to coarse GRAVEL, trace fines, very dense, damp to moist (NATIVE)

REMARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF XPLORATORY BORING

CLIENT/PROJECT NAME: Monroe Auto Salvage
PROJECT #: 40255-017.001(1)
GEOLOGIST/ENGINEER: M. Lic Carson
DRILLING CONTRACTOR: Cascade
DRILLING METHOD: CME 75 HSA Drilling
HOLE DIA.: 4.25" I.D./8" O.D.

BORING NO.: MW-3
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 25 feet
SHEET: 2 OF 2

OTHER: PID

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)
2.7	SB	MW -3-20	50	X	21	
					22	
2.7	SB	MW-3 -22.5	15 50	X X	23	SP
					24	
2.7	SB	MW-3 -25	53	X	25	
					26	SW
	SB	MW-3 -27.5	8 12 20	X X	27 28	

WATER LEVEL DATA

DEPTH				
TIME				
DATE				
BORING DEPTH				

FIELD LOCATION OF BORING:

GROUND ELEVATION: _____
DATUM: _____

LITHOLOGIC DESCRIPTION

20 to 25 feet: SAND (SP), rust to dark brown, fine, ~5% medium to coarse sand, trace to ~5% fine to coarse gravel, medium to dense, moist to wet (Native)

@ ~22 feet: Scattered silt lenses up to 2" thick

25 to 27 feet: Gravelly SAND (SW), brown, fine to coarse, ~10-15% fine to coarse gravel, ~5% low plasticity fines, very dense, wet (Native)

27 to 28 feet: Silt (ML), brown to gray, low plasticity, trace to ~5% fine sand, stiff to very stiff, wet (Native)

Total Depth Drilled: 27.5 feet bgs
Total Depth Sampled: 28.0 feet bgs

Well Completion Details

0 - 17.5 feet: 2-inch diameter, flush-threaded Schedule 40 PVC blank riser pipe

17.5 - 27.5 feet: 2-inch diameter, flush-threaded Schedule 40 PVC well screen with 0.020-inch machined slots

0 - 1.5 feet: Flush mount well monument with concrete

1.5 - 16 feet: Pure Gold medium bentonite chips hydrated with potable water

16 - 27.5 feet: RMC Lonestar #6/12 SAND

REMARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: Monaco Auto Salvage
PROJECT #: 40358.017.001(2)
GEOLOGIST/ENGINEER: Nigel Garson
DRILLING CONTRACTOR: Gregg
DRILLING METHOD: CME 75 Hollow Stem Auger Drill Rig
HOLE DIA.: 4.25" ID / 8" OD

BORING NO.: MW-4
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 25 feet
SHEET: 1 OF 2

WATER LEVEL DATA				
DEPTH	~22'			
TIME	1430			
DATE	5/1/96			
BORING DEPTH	28'			

FIELD LOCATION OF BORING:

GROUND ELEVATION: _____
DATUM: _____

OTHER*: PID

WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
					1	SP	0.0 to 11 feet: SAND (SP), light to dark brown, fine, ~5% medium to coarse sand, ~5% fines, trace fine to coarse gravel, loose to dense, damp (Fill / Native)
2.7	SB	MW-4 -5	5 / 23 / 50/2	X	5		@ ~5-6 feet: scattered organic material
2.7	SB	MW-4 -10	10 / 50	X	11	SW	11 to 25 feet: Gravelly SAND (SW), rust brown, fine to coarse, ~15-30% fine to coarse gravel, trace fines, medium to dense, damp to wet (Native)
2.7	SB	MW-4 -15	24 / 50	X	15		@ ~15 feet: fines increase to ~5%

MARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

EMCON

LOG OF EXPLORATORY BORING

CLIENT/PROJECT NAME: Monaco Auto Salvage
PROJECT #: 40358-017.001 (2)
GEOLOGIST/ENGINEER: Nick Gibson
DRILLING CONTRACTOR: Cascade
DRILLING METHOD: CME 75 HSA
HOLE DIA.: 8.25" ID/12.00

BORING NO.: MW-4
DATE BEGAN: 5/1/96
DATE COMPLETED: 5/1/96
TOTAL DEPTH: 28 feet
SHEET: 2 OF 2

WATER LEVEL DATA				
DEPTH				
TIME				
DATE				
BORING DEPTH				

FIELD LOCATION OF BORING:

GROUND ELEVATION: _____
DATUM: _____

OTHER*	WELL OR PIEZOMETER DETAILS	SAMPLING METHOD	SAMPLE NUMBER	BLOWS/FT	DEPTH SAMPLED	DEPTH IN FEET	SOIL GROUP SYMBOL (USCS)	LITHOLOGIC DESCRIPTION
PID								
2.7		SB	MW-4 -20	50	X	21		
						22	▽	@ ~ 23 feet: Scattered silt lenses ~ 1-2" thick
—		SB	MW-4 -22.5	10 10 20	X X	23	SW	
						24		
—		SB	MW-4 -25	50	X	25		25 to 26.5 feet: Silty GRAVELLY SAND (SW) brown, fine to coarse, ~5-15% fines, ~15-20% fine to coarse gravel, very dense, wet (NATIVE)
—		SB	MW-4 -26.5	50	X	26		
						27	ML	26.5 to 28 feet: SILT (ML) gray, non to low plasticity, trace to fine sand, hard, wet (NATIVE)
						28		

Total Depth Drilled: 27 feet
Total Depth Sampled: 27 feet

Well Completion Details

0 - 17 feet: 2-inch diameter, flush-threaded Schedule 40 PVC blank riser pipe

17 - 27 feet: 2-inch diameter, flush-threaded Schedule 40 PVC well screen with 0.020-inch machined slots

0 - 1.5 feet: Flush mount well monument w/ concrete

1.5 - 15 feet: Pure Gold Medium Bentonite chips hydrated with potable water

15 - 27 feet: RMC Lonestar #6/12 SAND

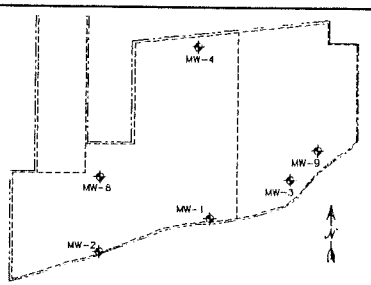
REMARKS:

*NOTE: Specify data recorded in undesignated column (e.g. conductance, pH, tip reading, pocket torvane, etc.)

FARALLON CONSULTING
320 3rd Ave. NE, Suite 200
Issaquah, WA 98027

LOG OF WELL MW-9

(Page 1 of 1)



Monroe Auto Salvage
Remedial Investigation / Feasibilty Study
Monroe, WA

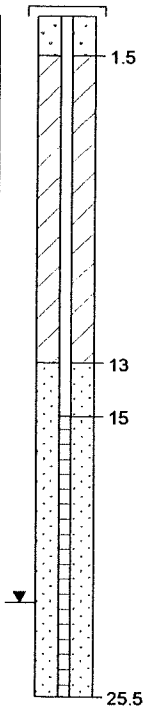
Project # 601-001

Logged by: Matt Essig

Time Started	: 8/6/99	Surface Elev.	: NA
Time Finished	: 8/6/99	Ground Water	: 22 feet
Hole Diameter	: 6 5/8 in.		
Drilling Method	: H.S.A.		
Sampling Method	: CA Mod. Sampler		

Depth in Feet	Sample Interval	% Recovery	Blow Count 6/6/6	USCS	GRAPHIC	DESCRIPTION	Sample ID.	Submitted for Lab Analysis
0		0		FL		FILL, sandy silty topsoil followed by blackish gray wood fiber, no sheen, no odor		
5		38	77-7"	FL		FILL, medium dense, blackish grey to reddish brown, sawdust, organic decay, moist, odor, no sheen.	FLM-SB2@6.0'	
		0						
10		66	32,50-6"	SW		SAND, Well Graded, medium dense to dense, brown, fine grained sand to gravel, becomes coarse sand @ 11.5', moist, no sheen, no odor.	FLM-SB2@11.0'	
		0						
		33	60-6"	GW		GRAVEL, Well Graded, dense, dark brownish gray, sandy gravel, damp, cobble plug, no sheen, no odor.	FLM-SB2@13.0'	
15		0						
		33	100-6"	SP		SAND, Poorly Graded, dense, gray, fine grained sand with gravel, damp, sheen, no odor.	FLM-SB2@16.0'	X
		0						
		66	32,50-6"	SP			FLM-SB2@18.0'	
20		0						
		66	33,50-6"	SP		SAND, Poorly Graded, medium dense, gray, medium sand, damp, no sheen, no odor.	FLM-SB2@21.0'	X
		100	26,38,50	SW			FLM-SB2@22.0'	
		0				SAND, Poorly Graded, medium dense to dense, gray, medium sand, moist light sheen, no odor.		
25		33	60-6"	ML		SAND, Well Graded, dense, gray, gravelly coarse sand, wet to sat- urated no sheen, no odor.	FLM-SB2@25.0'	
						SILT, dense, gray, damp, no sheen, no odor.		
30						Total depth 25.5 feet below ground surface.		

Well: MW-9
Elev.: NA



Well Construction Information

WELL CONSTRUCTION

Date Completed	: 8/6/99
Hole Diameter	: 5 5/8 in.
Drill. Method	: HSA
Company Rep.	: D. Simon

WELL CASING

Material	: PVC
Diameter	: 2 in.
Joints	: threaded

WELL SCREEN

Material	: PVC
Diameter	: 2 in.
Joints	: threaded
Opening	: .010 slot
SAND PACK	: #12-2 Lonestar sand
ANNULUS SEAL	: bentonite pellets : and slurry

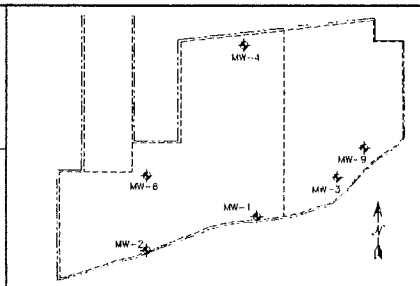
WELL SCREEN

Material	: steel
Diameter	: 6 in.
Cap	:

NOTES

FARALLON CONSULTING
320 3rd Ave. NE, Suite 200
Issaquah, WA 98027

LOG OF WELL MW-8



Monroe Auto Salvage
Remedial Investigation / Feasibilty Study
Monroe, WA

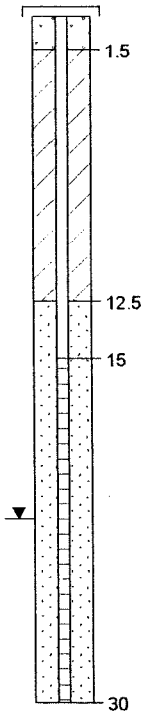
Project # 601-001

Logged by: Matt Essig

Time Started	: 8/6/99	Surface Elev.	: NA
Time Finished	: 8/6/99	Ground Water	: 22 feet
Hole Diameter	: 6 5/8 in.		
Drilling Method	: H.S.A.		
Sampling Method	: CA Mod. Sampler		

Depth in Feet	Sample Interval	% Recovery	Blow Count 6/6/6	USCS	GRAPHIC	DESCRIPTION
0		100		FL		FILL, sandy gravel.
		100	15/9/9	GM		Silty Sandy GRAVEL, dense, brown, damp, no odor.
		33	50-6"	GW		Sandy GRAVEL, dense, gray, no odor.
5		100	32,42,50			
		33	50-6"			
		33	100-6"			
10		33	100-6"	SW		Gravelly SAND, dense, gray, coarse grained sand, no odor.
		33	50-6"	SW		SAND with gravel, dense, gray, medium grained, clayey silt layer, odor.
		33	60-6"	GW		Sandy GRAVEL, dense, gray, odor.
		33	80-6"	SP		SAND with gravel, dense, brown, medium grained, no odor.
15		33	60-6"	SW		SAND with gravel, dense, gray brown, coarse grained, no odor.
		33	80-6"			
		33	55-6"			
20		66	36,50-6"			
		66	36,50-6"	SW		SAND, dense, brownish gray, coarse grained sand with gravel, clayey silt at 22' BGS, no odor.
		66	41,50-6"	GW		GRAVEL, dense, brownish gray, sandy gravel, saturated, no odor.
25		61	42,50-5"	SP		SAND, dense, brownish gray, saturated, coarse sand, no odor.
		66	42,50-6"	SP		SAND, dense, rusty brown, , saturated, coarse sand, no odor.
		33	50-6"	SP		SAND, dense, brown, coarse/sharp contact grading, fine to medium grained sand.
30		33	60-6"	SP		SAND, dense, gray, very fined grained sand progressing to a gray clayey silt.
35						Total depth 30 feet below ground surface.

Depth in Feet	Sample ID.	Submitted for Lab Analysis
0		
	FSY-SB1@2.0'	
	FSY-SB1@3.5'	
5		
	FSY-SB1@8.0'	
10	FSY-SB1@10.0'	
	FSY-SB1@11.5'	
	FSY-SB1@13.0'	X
	FSY-SB1@14.0'	
15	FSY-SB1@16.0'	
	FSY-SB1@18.0'	
	FSY-SB1@19.0'	
20	FSY-SB1@20.0'	X
	FSY-SB1@22.0'	
	FSY-SB1@23.0'	
25	FSY-SB1@25.0'	
	FSY-SB1@26.0'	
	FSY-SB1@28.0'	
30	FSY-SB1@30.0'	
35		



Well Construction Information

WELL CONSTRUCTION

Date Completed	: 8/6/99
Hole Diameter	: 5 5/8 in.
Drill. Method	: HSA
Company Rep.	: D. Simon

WELL CASING

Material	: PVC
Diameter	: 2 in.
Joints	: threaded

WELL SCREEN

Material	: PVC
Diameter	: 2 in.
Joints	: threaded
Opening	: .010 slot
SAND PACK	: #12-2 Lonestar sand
ANNULUS SEAL	: bentonite pellets : and slurry

WELL SCREEN

Material	: steel
Diameter	: 6 in.
Cap	:

NOTES

APPENDIX B
LABORATORY ANALYTICAL RESULTS REPORTS
REMEDIAL INVESTIGATION/ FEASIBILITY STUDY
EAST SUBAREAS
MONROE AUTO SALVAGE
MONROE, WASHINGTON

Farallon PN: 601-001
February 2, 2000

www.ncalabs.com

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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported:	9/1/99 08:22

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-8	B908270-01	Water	8/12/99
HC-5	B908270-02	Water	8/12/99
HC-4	B908270-03	Water	8/12/99
MW-2	B908270-04	Water	8/12/99
MW-3	B908270-05	Water	8/12/99
MW-9	B908270-06	Water	8/12/99
MW-DUP	B908270-07	Water	8/12/99
4	B908270-08	Water	8/12/99
Decon Composite	B908270-09	Water	8/12/99

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kirk Gendron

Kirk Gendron, Project Manager

North Creek Analytical, Inc.
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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*91.0*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*94.0*	"	
HC-5			**B908270-02**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*85.0*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*91.5*	"	
HC-4			**B908270-03**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	**8.66**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*96.7*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*88.5*	"	
MW-2			**B908270-04**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*85.8*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*94.8*	"	
MW-3			**B908270-05**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	

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Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3 (continued)			**B908270-05**				**Water**	
Toluene	0890499	8/13/99	8/14/99		0.500	ND	ug/l	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*89.2*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*93.5*	"	
MW-9			**B908270-06**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	**0.614**	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	**1.22**	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*93.1*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*93.5*	"	
MW-DUP			**B908270-07**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*94.2*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*94.4*	"	
MW-4			**B908270-08**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*92.5*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*94.2*	"	
Decon Composite			**B908270-09**				**Water**	
Gasoline Range Hydrocarbons	0890499	8/13/99	8/14/99		50.0	**94.1**	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	**6.09**	"	
Ethylbenzene	"	"	"		0.500	**0.621**	"	

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**Refer to end of report for text of notes and definitions.*

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Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Decon Composite (continued)			**B908270-09**				**Water**	
Xylenes (total)	0890499	8/13/99	8/14/99		1.00	**4.61**	ug/l	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*92.3*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*93.1*	"	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Diesel Range Hydrocarbons	0890609	8/17/99	8/21/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*107*	*%*	
HC-5			**B908270-02**				**Water**	
Diesel Range Hydrocarbons	0890609	8/17/99	8/21/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*107*	*%*	
HC-4			**B908270-03**				**Water**	
Diesel Range Hydrocarbons	0890609	8/17/99	8/21/99		0.250	**0.471**	mg/l	1
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*103*	*%*	
MW-2			**B908270-04**				**Water**	
Diesel Range Hydrocarbons	0890609	8/17/99	8/21/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*109*	*%*	
MW-3			**B908270-05**				**Water**	
Diesel Range Hydrocarbons	0890609	8/17/99	8/21/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*107*	*%*	
MW-9			**B908270-06**				**Water**	
Diesel Range Hydrocarbons	0890611	8/18/99	8/20/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*93.4*	*%*	
MW-DUP			**B908270-07**				**Water**	
Diesel Range Hydrocarbons	0890611	8/18/99	8/20/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*96.2*	*%*	
MW-4			**B908270-08**				**Water**	
Diesel Range Hydrocarbons	0890611	8/18/99	8/20/99		0.250	ND	mg/l	
Lube Oil Range Hydrocarbons	"	"	"		0.500	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*95.2*	*%*	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Decon Composite			**B908270-09**				**Water**	
Diesel Range Hydrocarbons	0890611	8/18/99	8/20/99		0.250	**1.13**	mg/l	1
Lube Oil Range Hydrocarbons	"	"	"		0.500	**0.693**	"	1
Surrogate: 2-FBP	"	"	"	*50.0-150*		*97.0*	*%*	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00184**	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.393**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.0620**	"	
HC-5			**B908270-02**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.176**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.0200**	"	
HC-4			**B908270-03**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00914**	mg/l	
Chromium	"	"	"	EPA 6020	0.0100	**1.27**	"	
Lead	"	"	"	EPA 6020	0.0100	**0.636**	"	
MW-2			**B908270-04**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00136**	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.379**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.0676**	"	
MW-3			**B908270-05**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00243**	mg/l	
Chromium	"	"	"	EPA 6020	0.0100	**0.726**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.0982**	"	
MW-9			**B908270-06**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00430**	mg/l	
Chromium	"	"	"	EPA 6020	0.0100	**1.78**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.207**	"	
MW-DUP			**B908270-07**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00416**	mg/l	
Chromium	"	"	"	EPA 6020	0.0100	**1.99**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.217**	"	
MW-4			**B908270-08**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.00136**	mg/l	
Chromium	"	"	"	EPA 6020	0.0100	**0.437**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.0551**	"	

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Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
Decon Composite			**B908270-09**				**Water**	
Cadmium	0890536	8/16/99	8/22/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.265**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.0380**	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Dissolved Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Cadmium	0890886	8/25/99	8/27/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.00941**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.00962**	"	
HC-5			**B908270-02**				**Water**	
Cadmium	0890886	8/25/99	8/27/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.00319**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.00255**	"	
HC-4			**B908270-03**				**Water**	
Cadmium	0890886	8/25/99	8/27/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	ND	"	
Lead	"	"	"	EPA 6020	0.00100	ND	"	
MW-2			**B908270-04**				**Water**	
Cadmium	0890886	8/26/99	8/28/99	EPA 6020	0.00100	**0.00141**	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.0995**	"	
Lead	"	8/25/99	"	EPA 6020	0.00100	**0.0404**	"	
MW-3			**B908270-05**				**Water**	
Cadmium	0890934	8/26/99	8/28/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.00172**	"	
Lead	"	"	"	EPA 6020	0.00100	**0.00123**	"	
MW-9			**B908270-06**				**Water**	
Cadmium	0890934	8/26/99	8/28/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	ND	"	
Lead	"	"	"	EPA 6020	0.00100	ND	"	
MW-DUP			**B908270-07**				**Water**	
Cadmium	0890934	8/26/99	8/28/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.00132**	"	
Lead	"	"	"	EPA 6020	0.00100	ND	"	
MW-4			**B908270-08**				**Water**	
Cadmium	0890934	8/26/99	8/28/99	EPA 6020	0.00100	ND	mg/l	
Chromium	"	"	"	EPA 6020	0.00100	**0.00118**	"	
Lead	"	"	"	EPA 6020	0.00100	ND	"	

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Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*63.0*	*%*	
HC-5			**B908270-02**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*68.8*	*%*	
HC-4			**B908270-03**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*41.2*	*%*	
MW-2			**B908270-04**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2 (continued)			**B908270-04**				**Water**	
Aroclor 1232	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*80.8*	*%*	
MW-3			**B908270-05**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
lor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*84.8*	*%*	
MW-9			**B908270-06**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*64.6*	*%*	
MW-DUP			**B908270-07**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
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Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-DUP (continued)			**B908270-07**				**Water**	
Aroclor 1248	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*71.2*	*%*	
MW-4			**B908270-08**				**Water**	
Aroclor 1016	0890652	8/19/99	8/28/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*63.3*	*%*	
Decon Composite			**B908270-09**				**Water**	
Aroclor 1016	0890652	8/19/99	8/30/99		0.100	ND	ug/l	
Aroclor 1221	"	"	"		0.100	ND	"	
Aroclor 1232	"	"	"		0.100	ND	"	
Aroclor 1242	"	"	"		0.100	ND	"	
Aroclor 1248	"	"	"		0.100	ND	"	
Aroclor 1254	"	"	"		0.100	ND	"	
Aroclor 1260	"	"	"		0.100	ND	"	
Aroclor 1262	"	"	"		0.100	ND	"	
Aroclor 1268	"	"	"		0.100	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*52.2*	*%*	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Acetone	0890515	8/14/99	8/16/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
Carbon tetrachloride	"	"	"		1.00	ND	"	
Chlorobenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	**1.49**	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

North Creek Analytical - Bothell

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Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8 (continued)			**B908270-01**				**Water**	
Ethylbenzene	0890515	8/14/99	8/16/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
T[illegible]rachloroethene	"	"	"		1.00	ND	"	
[illegible]ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*95.5*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*88.0*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.0*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*106*	"	

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Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-5			**B908270-02**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
Carbon tetrachloride	"	"	"		1.00	ND	"	
Chlorobenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	ND	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-5 (continued)			**B908270-02**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
Tetrachloroethene	"	"	"		1.00	ND	"	
ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*84.0*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*87.0*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.0*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*108*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-4			**B908270-03**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
Carbon tetrachloride	"	"	"		1.00	ND	"	
robenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	ND	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-4 (continued)			**B908270-03**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
T `rachloroethene	"	"	"		1.00	ND	"	
`ene	"	"	"		1.00	**11.9**	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*84.0*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*87.5*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.0*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*112*	"	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2			**B908270-04**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
Carbon tetrachloride	"	"	"		1.00	ND	"	
Chlorobenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	ND	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2 (continued)			**B908270-04**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
T rachloroethene	"	"	"		1.00	ND	"	
ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*83.5*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*88.0*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.0*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*109*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3			**B908270-05**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
C[illegible]bon tetrachloride	"	"	"		1.00	ND	"	
[illegible]robenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	ND	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3 (continued)			**B908270-05**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
Tetrachloroethene	"	"	"		1.00	ND	"	
ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*85.5*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*92.0*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.0*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*109*	"	

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Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-9			**B908270-06**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
Carbon tetrachloride	"	"	"		1.00	ND	"	
Chlorobenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	**4.19**	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

North Creek Analytical - Bothell

Refer to end of report for text of notes and definitions.

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-9 (continued)			**B908270-06**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
T...trachloroethene	"	"	"		1.00	ND	"	
...ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*86.0*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*94.5*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.5*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*106*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-DUP			**B908270-07**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
Carbon tetrachloride	"	"	"		1.00	ND	"	
Chlorobenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	**4.07**	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-DUP (continued)			**B908270-07**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
T[illegible]rachloroethene	"	"	"		1.00	ND	"	
[illegible]ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*86.5*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*94.5*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*98.5*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*106*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-4			**B908270-08**				**Water**	
Acetone	0890515	8/14/99	8/15/99		10.0	ND	ug/l	
Benzene	"	"	"		1.00	ND	"	
Bromobenzene	"	"	"		1.00	ND	"	
Bromochloromethane	"	"	"		1.00	ND	"	
Bromodichloromethane	"	"	"		1.00	ND	"	
Bromoform	"	"	"		1.00	ND	"	
Bromomethane	"	"	"		1.00	ND	"	
2-Butanone	"	"	"		10.0	ND	"	
n-Butylbenzene	"	"	"		1.00	ND	"	
sec-Butylbenzene	"	"	"		1.00	ND	"	
tert-Butylbenzene	"	"	"		1.00	ND	"	
Carbon disulfide	"	"	"		1.00	ND	"	
C··bon tetrachloride	"	"	"		1.00	ND	"	
robenzene	"	"	"		1.00	ND	"	
Chloroethane	"	"	"		1.00	ND	"	
Chloroform	"	"	"		1.00	ND	"	
Chloromethane	"	"	"		5.00	ND	"	
2-Chlorotoluene	"	"	"		1.00	ND	"	
4-Chlorotoluene	"	"	"		1.00	ND	"	
Dibromochloromethane	"	"	"		1.00	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		5.00	ND	"	
1,2-Dibromoethane	"	"	"		1.00	ND	"	
Dibromomethane	"	"	"		1.00	ND	"	
1,2-Dichlorobenzene	"	"	"		1.00	ND	"	
1,3-Dichlorobenzene	"	"	"		1.00	ND	"	
1,4-Dichlorobenzene	"	"	"		1.00	ND	"	
Dichlorodifluoromethane	"	"	"		1.00	ND	"	
1,1-Dichloroethane	"	"	"		1.00	ND	"	
1,2-Dichloroethane	"	"	"		1.00	ND	"	
1,1-Dichloroethene	"	"	"		1.00	ND	"	
cis-1,2-Dichloroethene	"	"	"		1.00	ND	"	
trans-1,2-Dichloroethene	"	"	"		1.00	ND	"	
1,2-Dichloropropane	"	"	"		1.00	ND	"	
1,3-Dichloropropane	"	"	"		1.00	ND	"	
2,2-Dichloropropane	"	"	"		1.00	ND	"	
1,1-Dichloropropene	"	"	"		1.00	ND	"	
cis-1,3-Dichloropropene	"	"	"		1.00	ND	"	
trans-1,3-Dichloropropene	"	"	"		1.00	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-4 (continued)			**B908270-08**				**Water**	
Ethylbenzene	0890515	8/14/99	8/15/99		1.00	ND	ug/l	
Hexachlorobutadiene	"	"	"		1.00	ND	"	
2-Hexanone	"	"	"		10.0	ND	"	
Isopropylbenzene	"	"	"		1.00	ND	"	
p-Isopropyltoluene	"	"	"		1.00	ND	"	
Methylene chloride	"	"	"		5.00	ND	"	
4-Methyl-2-pentanone	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		1.00	ND	"	
n-Propylbenzene	"	"	"		1.00	ND	"	
Styrene	"	"	"		1.00	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		1.00	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		1.00	ND	"	
T rachloroethene	"	"	"		1.00	ND	"	
ene	"	"	"		1.00	ND	"	
1,2,3-Trichlorobenzene	"	"	"		1.00	ND	"	
1,2,4-Trichlorobenzene	"	"	"		1.00	ND	"	
1,1,1-Trichloroethane	"	"	"		1.00	ND	"	
1,1,2-Trichloroethane	"	"	"		1.00	ND	"	
Trichloroethene	"	"	"		1.00	ND	"	
Trichlorofluoromethane	"	"	"		1.00	ND	"	
1,2,3-Trichloropropane	"	"	"		1.00	ND	"	
1,2,4-Trimethylbenzene	"	"	"		1.00	ND	"	
1,3,5-Trimethylbenzene	"	"	"		1.00	ND	"	
Vinyl chloride	"	"	"		1.00	ND	"	
m,p-Xylene	"	"	"		2.00	ND	"	
o-Xylene	"	"	"		1.00	ND	"	
Surrogate: 2-Bromopropene	"	"	"	*80.0-120*		*86.0*	*%*	
Surrogate: 1,2-DCA-d4	"	"	"	*80.0-120*		*94.0*	"	
Surrogate: Toluene-d8	"	"	"	*80.0-120*		*99.0*	"	
Surrogate: 4-BFB	"	"	"	*80.0-120*		*106*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Acenaphthene	0890610	8/18/99	8/22/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
2-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-8 (continued)			**B908270-01**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/22/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3,8- 4-Methylphenol	"	"	"		10.0	ND	"	
ıthalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*29.4*	*%*	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*18.5*	"	
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*53.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*52.7*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*63.7*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*67.6*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-5			**B908270-02**				**Water**	
Acenaphthene	0890610	8/18/99	8/22/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-5 (continued)			**B908270-02**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/22/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3 & 4-Methylphenol	"	"	"		10.0	ND	"	
ıthalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*32.1*	%	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*20.6*	"	
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*57.8*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*56.1*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*61.6*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*68.1*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-4			**B908270-03**				**Water**	
Acenaphthene	0890610	8/18/99	8/22/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
(2-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
HC-4 (continued)			**B908270-03**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/22/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3,4-Methylphenol	"	"	"		10.0	ND	"	
Naphthalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*14.7*	%	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*10.2*	"	*2*
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*41.1*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*42.5*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*47.6*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*53.1*	"	*2*

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2			**B908270-04**				**Water**	
Acenaphthene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
(2-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-2 (continued)			**B908270-04**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3,4-Methylphenol	"	"	"		10.0	ND	"	
ıthalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*29.3*	%	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*19.7*	"	
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*64.7*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*59.0*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*63.4*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*69.4*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3			**B908270-05**				**Water**	
Acenaphthene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
2-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-3 (continued)			**B908270-05**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3,4-Methylphenol	"	"	"		10.0	ND	"	
thalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*26.1*	%	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*16.7*	"	*2*
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*53.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*53.9*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*57.4*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*64.1*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-9			**B908270-06**				**Water**	
Acenaphthene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
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Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-9 (continued)			**B908270-06**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3 & 4-Methylphenol	"	"	"		10.0	ND	"	
ıthalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*20.8*	%	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*14.8*	"	*2*
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*50.3*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*45.5*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*54.3*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*63.5*	"	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-DUP			**B908270-07**				**Water**	
Acenaphthene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
(2-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-DUP (continued)			**B908270-07**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
3 & 4-Methylphenol	"	"	"		10.0	ND	"	
thalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*17.3*	*%*	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*10.9*	"	*2*
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*45.2*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*40.4*	"	*2*
Surrogate: 2-FBP	"	"	"	*46.0-116*		*47.8*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*56.4*	"	*2*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-4			**B908270-08**				**Water**	
Acenaphthene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Acenaphthylene	"	"	"		10.0	ND	"	
Aniline	"	"	"		10.0	ND	"	
Anthracene	"	"	"		10.0	ND	"	
Benzoic Acid	"	"	"		10.0	ND	"	
Benzo (a) anthracene	"	"	"		10.0	ND	"	
Benzo (b) fluoranthene	"	"	"		10.0	ND	"	
Benzo (k) fluoranthene	"	"	"		10.0	ND	"	
Benzo (ghi) perylene	"	"	"		10.0	ND	"	
Benzo (a) pyrene	"	"	"		10.0	ND	"	
Benzyl alcohol	"	"	"		10.0	ND	"	
Bis(2-chloroethoxy)methane	"	"	"		10.0	ND	"	
Bis(2-chloroethyl)ether	"	"	"		10.0	ND	"	
2-chloroisopropyl)ether	"	"	"		10.0	ND	"	
Bis(2-ethylhexyl)phthalate	"	"	"		50.0	ND	"	
4-Bromophenyl phenyl ether	"	"	"		10.0	ND	"	
Butyl benzyl phthalate	"	"	"		10.0	ND	"	
Carbazole	"	"	"		10.0	ND	"	
4-Chloroaniline	"	"	"		10.0	ND	"	
2-Chloronaphthalene	"	"	"		10.0	ND	"	
4-Chloro-3-methylphenol	"	"	"		10.0	ND	"	
2-Chlorophenol	"	"	"		10.0	ND	"	
4-Chlorophenyl phenyl ether	"	"	"		10.0	ND	"	
Chrysene	"	"	"		10.0	ND	"	
Dibenz (a,h) anthracene	"	"	"		10.0	ND	"	
Dibenzofuran	"	"	"		10.0	ND	"	
Di-n-butyl phthalate	"	"	"		10.0	ND	"	
1,3-Dichlorobenzene	"	"	"		10.0	ND	"	
1,4-Dichlorobenzene	"	"	"		10.0	ND	"	
1,2-Dichlorobenzene	"	"	"		10.0	ND	"	
3,3'-Dichlorobenzidine	"	"	"		10.0	ND	"	
2,4-Dichlorophenol	"	"	"		10.0	ND	"	
Diethyl phthalate	"	"	"		10.0	ND	"	
2,4-Dimethylphenol	"	"	"		10.0	ND	"	
Dimethyl phthalate	"	"	"		10.0	ND	"	
4,6-Dinitro-2-methylphenol	"	"	"		10.0	ND	"	
2,4-Dinitrophenol	"	"	"		20.0	ND	"	
2,4-Dinitrotoluene	"	"	"		10.0	ND	"	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
MW-4 (continued)			**B908270-08**				**Water**	
2,6-Dinitrotoluene	0890610	8/18/99	8/23/99		10.0	ND	ug/l	
Di-n-octyl phthalate	"	"	"		10.0	ND	"	
Fluoranthene	"	"	"		10.0	ND	"	
Fluorene	"	"	"		10.0	ND	"	
Hexachlorobenzene	"	"	"		10.0	ND	"	
Hexachlorobutadiene	"	"	"		10.0	ND	"	
Hexachlorocyclopentadiene	"	"	"		10.0	ND	"	
Hexachloroethane	"	"	"		10.0	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		10.0	ND	"	
Isophorone	"	"	"		10.0	ND	"	
2-Methylnaphthalene	"	"	"		10.0	ND	"	
2-Methylphenol	"	"	"		10.0	ND	"	
4-Methylphenol	"	"	"		10.0	ND	"	
ıthalene	"	"	"		10.0	ND	"	
2-Nitroaniline	"	"	"		10.0	ND	"	
3-Nitroaniline	"	"	"		10.0	ND	"	
4-Nitroaniline	"	"	"		10.0	ND	"	
Nitrobenzene	"	"	"		10.0	ND	"	
2-Nitrophenol	"	"	"		10.0	ND	"	
4-Nitrophenol	"	"	"		10.0	ND	"	
N-Nitrosodiphenylamine	"	"	"		10.0	ND	"	
N-Nitrosodi-n-propylamine	"	"	"		10.0	ND	"	
Pentachlorophenol	"	"	"		10.0	ND	"	
Phenanthrene	"	"	"		10.0	ND	"	
Phenol	"	"	"		10.0	ND	"	
Pyrene	"	"	"		10.0	ND	"	
1,2,4-Trichlorobenzene	"	"	"		10.0	ND	"	
2,4,5-Trichlorophenol	"	"	"		10.0	ND	"	
2,4,6-Trichlorophenol	"	"	"		10.0	ND	"	
Surrogate: 2-FP	"	"	"	*40.0-115*		*28.0*	*%*	*2*
Surrogate: Phenol-d6	"	"	"	*18.0-145*		*19.2*	"	
Surrogate: 2,4,6-TBP	"	"	"	*24.0-130*		*55.8*	"	
Surrogate: Nitrobenzene-d5	"	"	"	*42.0-110*		*53.3*	"	
Surrogate: 2-FBP	"	"	"	*46.0-116*		*57.9*	"	
Surrogate: p-Terphenyl-d14	"	"	"	*63.0-117*		*65.9*	"	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890499	**Date Prepared: 8/13/99**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0890499-BLK1**									
Gasoline Range Hydrocarbons	8/16/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
Ethylbenzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**1.00**				
Surrogate: 4-BFB (FID)	"	*48.0*		*43.6*	"	*50.0-150*	*90.8*			
Surrogate: 4-BFB (PID)	"	*48.0*		*44.8*	"	*50.0-150*	*93.3*			
Blank	**0890499-BLK2**									
Gasoline Range Hydrocarbons	8/13/99			**ND**	ug/l	**50.0**				
Benzene	"			**ND**	"	**0.500**				
Toluene	"			**ND**	"	**0.500**				
benzene	"			**ND**	"	**0.500**				
Xylenes (total)	"			**ND**	"	**1.00**				
Surrogate: 4-BFB (FID)	"	*48.0*		*42.1*	"	*50.0-150*	*87.7*			
Surrogate: 4-BFB (PID)	"	*48.0*		*45.0*	"	*50.0-150*	*93.8*			
LCS	**0890499-BS1**									
Gasoline Range Hydrocarbons	8/14/99	500		528	ug/l	70.0-130	106			
Surrogate: 4-BFB (FID)	"	*48.0*		*47.7*	"	*50.0-150*	*99.4*			
Duplicate	**0890499-DUP1**		**B908252-01**							
Gasoline Range Hydrocarbons	8/14/99		1840	2340	ug/l			25.0	**23.9**	
Surrogate: 4-BFB (FID)	"	*48.0*		*45.6*	"	*50.0-150*	*95.0*			
Duplicate	**0890499-DUP2**		**B908314-03**							
Gasoline Range Hydrocarbons	8/14/99		8940	9700	ug/l			25.0	**8.15**	
Surrogate: 4-BFB (FID)	"	*48.0*		*54.0*	"	*50.0-150*	*113*			
Matrix Spike	**0890499-MS1**		**B908240-03**							
Benzene	8/14/99	10.0	ND	9.08	ug/l	70.0-130	**90.8**			
Toluene	"	10.0	ND	8.91	"	70.0-130	**89.1**			
Ethylbenzene	"	10.0	ND	9.12	"	70.0-130	**91.2**			
Xylenes (total)	"	30.0	ND	27.1	"	70.0-130	**90.3**			
Surrogate: 4-BFB (PID)	"	*48.0*		*42.5*	"	*50.0-150*	*88.5*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup	**0890499-MSD1**		**B908240-03**							
Benzene	8/14/99	10.0	ND	9.49	ug/l	70.0-130	**94.9**	15.0	**4.42**	
Toluene	"	10.0	ND	9.32	"	70.0-130	**93.2**	15.0	**4.50**	
Ethylbenzene	"	10.0	ND	9.47	"	70.0-130	**94.7**	15.0	**3.77**	
Xylenes (total)	"	30.0	ND	28.8	"	70.0-130	**96.0**	15.0	**6.12**	
Surrogate: 4-BFB (PID)	"	*48.0*		*44.7*	"	*50.0-150*	*93.1*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890609	**Date Prepared: 8/17/99**					**Extraction Method: EPA 3520C/600 Series**				
Blank	**0890609-BLK1**									
Diesel Range Hydrocarbons	8/20/99			**ND**	mg/l	**0.250**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**0.500**				
Surrogate: 2-FBP	"	*0.321*		*0.363*	"	*50.0-150*	*113*			
LCS	**0890609-BS1**									
Diesel Range Hydrocarbons	8/21/99	2.00		2.04	mg/l	60.0-140	102			
Surrogate: 2-FBP	"	*0.321*		*0.408*	"	*50.0-150*	*127*			
LCS Dup	**0890609-BSD1**									
Diesel Range Hydrocarbons	8/21/99	2.00		2.20	mg/l	60.0-140	110	40.0	7.55	
Surrogate: 2-FBP	"	*0.321*		*0.393*	"	*50.0-150*	*122*			
h: 0890611	**Date Prepared: 8/18/99**					**Extraction Method: EPA 3520C/600 Series**				
Blank	**0890611-BLK1**									
Diesel Range Hydrocarbons	8/20/99			**ND**	mg/l	**0.250**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**0.500**				
Surrogate: 2-FBP	"	*0.321*		*0.314*	"	*50.0-150*	*97.8*			
LCS	**0890611-BS1**									
Diesel Range Hydrocarbons	8/20/99	2.00		1.88	mg/l	60.0-140	94.0			
Surrogate: 2-FBP	"	*0.321*		*0.359*	"	*50.0-150*	*112*			
LCS Dup	**0890611-BSD1**									
Diesel Range Hydrocarbons	8/20/99	2.00		1.72	mg/l	60.0-140	86.0	40.0	8.89	
Surrogate: 2-FBP	"	*0.321*		*0.255*	"	*50.0-150*	*79.4*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890536	**Date Prepared: 8/16/99**					**Extraction Method: EPA 3020A**				
Blank	**0890536-BLK1**									
Cadmium	8/22/99			**ND**	mg/l	**0.00100**				
Chromium	"			**ND**	"	**0.00100**				
Lead	"			**ND**	"	**0.00100**				
LCS	**0890536-BS1**									
Cadmium	8/22/99	0.200		0.187	mg/l	80.0-120	93.5			
Chromium	"	0.200		0.189	"	80.0-120	94.5			
Lead	"	0.200		0.203	"	80.0-120	101			
Matrix Spike	**0890536-MS1**		**B908207-02**							
Cadmium	8/22/99	0.200	ND	0.186	mg/l	75.0-125	**93.0**			
Chromium	"	0.200	0.00332	0.193	"	75.0-125	**94.8**			
	"	0.200	ND	0.202	"	75.0-125	**101**			
Matrix Spike Dup	**0890536-MSD1**		**B908207-02**							
Cadmium	8/22/99	0.200	ND	0.186	mg/l	75.0-125	**93.0**	20.0	**0**	
Chromium	"	0.200	0.00332	0.193	"	75.0-125	**94.8**	20.0	**0**	
Lead	"	0.200	ND	0.206	"	75.0-125	**103**	20.0	**1.96**	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Dissolved Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890886	**Date Prepared: 8/25/99**					**Extraction Method: EPA 3005A**				
Blank	**0890886-BLK1**									
Cadmium	8/27/99			**ND**	mg/l	**0.00100**				
Chromium	"			**ND**	"	**0.00100**				
Lead	"			**ND**	"	**0.00100**				
LCS	**0890886-BS1**									
Cadmium	8/27/99	0.200		0.199	mg/l	80.0-120	99.5			
Chromium	"	0.200		0.208	"	80.0-120	104			
Lead	"	0.200		0.199	"	80.0-120	99.5			
Matrix Spike	**0890886-MS1**		**B908264-21**							
Cadmium	8/27/99	0.100	ND	0.0986	mg/l	75.0-125	**98.6**			
Chromium	8/28/99	0.100	0.00115	0.109	"	75.0-125	**108**			
	8/27/99	0.100	ND	0.108	"	75.0-125	**108**			
Matrix Spike Dup	**0890886-MSD1**		**B908264-21**							
Cadmium	8/27/99	0.100	ND	0.0988	mg/l	75.0-125	**98.8**	20.0	**0.203**	
Chromium	8/28/99	0.100	0.00115	0.113	"	75.0-125	**112**	20.0	**3.64**	
Lead	8/27/99	0.100	ND	0.106	"	75.0-125	**106**	20.0	**1.87**	
Batch: 0890934	**Date Prepared: 8/26/99**					**Extraction Method: EPA 3005A**				
Blank	**0890934-BLK1**									
Cadmium	8/28/99			**ND**	mg/l	**0.00100**				
Chromium	"			**ND**	"	**0.00100**				
Lead	"			**ND**	"	**0.00100**				
LCS	**0890934-BS1**									
Cadmium	8/28/99	0.200		0.198	mg/l	80.0-120	99.0			
Chromium	"	0.200		0.206	"	80.0-120	103			
Lead	"	0.200		0.202	"	80.0-120	101			
Matrix Spike	**0890934-MS1**		**B908270-05**							
Cadmium	8/28/99	0.100	ND	0.104	mg/l	75.0-125	**104**			
Chromium	"	0.100	0.00172	0.109	"	75.0-125	**107**			
Lead	"	0.100	0.00123	0.106	"	75.0-125	**105**			
Matrix Spike Dup	**0890934-MSD1**		**B908270-05**							
Cadmium	8/28/99	0.100	ND	0.105	mg/l	75.0-125	**105**	20.0	**0.957**	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Dissolved Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**0890934-MSD1**		**B908270-05**							
Chromium	8/28/99	0.100	0.00172	0.111	mg/l	75.0-125	**109**	20.0	**1.85**	
Lead	"	0.100	0.00123	0.109	"	75.0-125	**108**	20.0	**2.82**	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Polychlorinated Biphenyls by EPA Method 8082/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890652	**Date Prepared: 8/19/99**					**Extraction Method: EPA 3520C/600 Series**				
Blank	**0890652-BLK1**									
Aroclor 1016	8/24/99			**ND**	ug/l	**0.100**				
Aroclor 1221	"			**ND**	"	**0.100**				
Aroclor 1232	"			**ND**	"	**0.100**				
Aroclor 1242	"			**ND**	"	**0.100**				
Aroclor 1248	"			**ND**	"	**0.100**				
Aroclor 1254	"			**ND**	"	**0.100**				
Aroclor 1260	"			**ND**	"	**0.100**				
Aroclor 1262	"			**ND**	"	**0.100**				
Aroclor 1268	"			**ND**	"	**0.100**				
Surrogate: TCX	"	*0.200*		*0.151*	"	*40.0-130*	*75.5*			
Surrogate: Decachlorobiphenyl	"	*0.200*		*0.160*	"	*40.0-130*	*80.0*			
	0890652-BS1									
Aroclor 1260	8/24/99	10.0		8.46	ug/l	33.0-122	84.6			
Surrogate: TCX	"	*0.200*		*0.156*	"	*40.0-130*	*78.0*			
Surrogate: Decachlorobiphenyl	"	*0.200*		*0.159*	"	*40.0-130*	*79.5*			
LCS Dup	**0890652-BSD1**									
Aroclor 1260	8/24/99	10.0		8.56	ug/l	33.0-122	85.6	21.0	1.18	
Surrogate: TCX	"	*0.200*		*0.156*	"	*40.0-130*	*78.0*			
Surrogate: Decachlorobiphenyl	"	*0.200*		*0.195*	"	*40.0-130*	*97.5*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890515	**Date Prepared: 8/14/99**					**Extraction Method: EPA 5030B [P/T]**				
Blank	**0890515-BLK1**									
Acetone	8/14/99			**ND**	ug/l	**10.0**				
Benzene	"			**ND**	"	**1.00**				
Bromobenzene	"			**ND**	"	**1.00**				
Bromochloromethane	"			**ND**	"	**1.00**				
Bromodichloromethane	"			**ND**	"	**1.00**				
Bromoform	"			**ND**	"	**1.00**				
Bromomethane	"			**ND**	"	**1.00**				
2-Butanone	"			**ND**	"	**10.0**				
n-Butylbenzene	"			**ND**	"	**1.00**				
sec-Butylbenzene	"			**ND**	"	**1.00**				
tert-Butylbenzene	"			**ND**	"	**1.00**				
Carbon disulfide	"			**ND**	"	**1.00**				
ɔn tetrachloride	"			**ND**	"	**1.00**				
Chlorobenzene	"			**ND**	"	**1.00**				
Chloroethane	"			**ND**	"	**1.00**				
Chloroform	"			**ND**	"	**1.00**				
Chloromethane	"			**ND**	"	**5.00**				
2-Chlorotoluene	"			**ND**	"	**1.00**				
4-Chlorotoluene	"			**ND**	"	**1.00**				
Dibromochloromethane	"			**ND**	"	**1.00**				
1,2-Dibromo-3-chloropropane	"			**ND**	"	**5.00**				
1,2-Dibromoethane	"			**ND**	"	**1.00**				
Dibromomethane	"			**ND**	"	**1.00**				
1,2-Dichlorobenzene	"			**ND**	"	**1.00**				
1,3-Dichlorobenzene	"			**ND**	"	**1.00**				
1,4-Dichlorobenzene	"			**ND**	"	**1.00**				
Dichlorodifluoromethane	"			**ND**	"	**1.00**				
1,1-Dichloroethane	"			**ND**	"	**1.00**				
1,2-Dichloroethane	"			**ND**	"	**1.00**				
1,1-Dichloroethene	"			**ND**	"	**1.00**				
cis-1,2-Dichloroethene	"			**ND**	"	**1.00**				
trans-1,2-Dichloroethene	"			**ND**	"	**1.00**				
1,2-Dichloropropane	"			**ND**	"	**1.00**				
1,3-Dichloropropane	"			**ND**	"	**1.00**				
2,2-Dichloropropane	"			**ND**	"	**1.00**				
1,1-Dichloropropene	"			**ND**	"	**1.00**				
cis-1,3-Dichloropropene	"			**ND**	"	**1.00**				

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0890515-BLK1**									
trans-1,3-Dichloropropene	8/14/99			**ND**	ug/l	**1.00**				
Ethylbenzene	"			**ND**	"	**1.00**				
Hexachlorobutadiene	"			**ND**	"	**1.00**				
2-Hexanone	"			**ND**	"	**10.0**				
Isopropylbenzene	"			**ND**	"	**1.00**				
p-Isopropyltoluene	"			**ND**	"	**1.00**				
Methylene chloride	"			**ND**	"	**5.00**				
4-Methyl-2-pentanone	"			**ND**	"	**10.0**				
Naphthalene	"			**ND**	"	**1.00**				
n-Propylbenzene	"			**ND**	"	**1.00**				
Styrene	"			**ND**	"	**1.00**				
1,1,1,2-Tetrachloroethane	"			**ND**	"	**1.00**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**1.00**				
chloroethene	"			**ND**	"	**1.00**				
Toluene	"			**ND**	"	**1.00**				
1,2,3-Trichlorobenzene	"			**ND**	"	**1.00**				
1,2,4-Trichlorobenzene	"			**ND**	"	**1.00**				
1,1,1-Trichloroethane	"			**ND**	"	**1.00**				
1,1,2-Trichloroethane	"			**ND**	"	**1.00**				
Trichloroethene	"			**ND**	"	**1.00**				
Trichlorofluoromethane	"			**ND**	"	**1.00**				
1,2,3-Trichloropropane	"			**ND**	"	**1.00**				
1,2,4-Trimethylbenzene	"			**ND**	"	**1.00**				
1,3,5-Trimethylbenzene	"			**ND**	"	**1.00**				
Vinyl chloride	"			**ND**	"	**1.00**				
m,p-Xylene	"			**ND**	"	**2.00**				
o-Xylene	"			**ND**	"	**1.00**				
Surrogate: 2-Bromopropene	"	*20.0*		*17.8*	"	*80.0-120*	*89.0*			
Surrogate: 1,2-DCA-d4	"	*20.0*		*19.4*	"	*80.0-120*	*97.0*			
Surrogate: Toluene-d8	"	*20.0*		*19.7*	"	*80.0-120*	*98.5*			
Surrogate: 4-BFB	"	*20.0*		*20.9*	"	*80.0-120*	*104*			
LCS	**0890515-BS1**									
Benzene	8/14/99	10.0		10.8	ug/l	80.0-120	108			
Chlorobenzene	"	10.0		10.5	"	80.0-120	105			
1,1-Dichloroethene	"	10.0		10.5	"	80.0-120	105			
Toluene	"	10.0		10.3	"	80.0-120	103			
Trichloroethene	"	10.0		10.7	"	80.0-120	107			

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Volatile Organic Compounds by EPA Method 8260B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS (continued)	**0890515-BS1**									
Surrogate: 2-Bromopropene	*8/14/99*	*20.0*		*18.0*	*ug/l*	*80.0-120*	*90.0*			
Surrogate: 1,2-DCA-d4	"	*20.0*		*19.4*	"	*80.0-120*	*97.0*			
Surrogate: Toluene-d8	"	*20.0*		*19.7*	"	*80.0-120*	*98.5*			
Surrogate: 4-BFB	"	*20.0*		*20.8*	"	*80.0-120*	*104*			
Matrix Spike	**0890515-MS1**		**B908270-01**							
Benzene	8/14/99	10.0	ND	10.7	ug/l	80.0-120	**107**			
Chlorobenzene	"	10.0	ND	10.4	"	80.0-120	**104**			
1,1-Dichloroethene	"	10.0	ND	9.05	"	80.0-120	**90.5**			
Toluene	"	10.0	ND	10.4	"	80.0-120	**104**			
Trichloroethene	"	10.0	ND	10.2	"	80.0-120	**102**			
Surrogate: 2-Bromopropene	"	*20.0*		*17.3*	"	*80.0-120*	*86.5*			
Surrogate: 1,2-DCA-d4	"	*20.0*		*17.9*	"	*80.0-120*	*89.5*			
Surrogate: Toluene-d8	"	*20.0*		*19.8*	"	*80.0-120*	*99.0*			
Surrogate: 4-BFB	"	*20.0*		*21.5*	"	*80.0-120*	*108*			
Matrix Spike Dup	**0890515-MSD1**		**B908270-01**							
Benzene	8/14/99	10.0	ND	9.98	ug/l	80.0-120	**99.8**	15.0	**6.96**	
Chlorobenzene	"	10.0	ND	9.64	"	80.0-120	**96.4**	15.0	**7.58**	
1,1-Dichloroethene	"	10.0	ND	8.28	"	80.0-120	**82.8**	15.0	**8.89**	
Toluene	"	10.0	ND	9.60	"	80.0-120	**96.0**	15.0	**8.00**	
Trichloroethene	"	10.0	ND	9.48	"	80.0-120	**94.8**	15.0	**7.32**	
Surrogate: 2-Bromopropene	"	*20.0*		*17.2*	"	*80.0-120*	*86.0*			
Surrogate: 1,2-DCA-d4	"	*20.0*		*18.1*	"	*80.0-120*	*90.5*			
Surrogate: Toluene-d8	"	*20.0*		*19.7*	"	*80.0-120*	*98.5*			
Surrogate: 4-BFB	"	*20.0*		*21.2*	"	*80.0-120*	*106*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890610	**Date Prepared: 8/18/99**				**Extraction Method: EPA 3510C/600 Series**					
Blank	**0890610-BLK1**									
Acenaphthene	8/22/99			**ND**	ug/l	**10.0**				
Acenaphthylene	"			**ND**	"	**10.0**				
Aniline	"			**ND**	"	**10.0**				
Anthracene	"			**ND**	"	**10.0**				
Benzoic Acid	"			**ND**	"	**10.0**				
Benzo (a) anthracene	"			**ND**	"	**10.0**				
Benzo (b) fluoranthene	"			**ND**	"	**10.0**				
Benzo (k) fluoranthene	"			**ND**	"	**10.0**				
Benzo (ghi) perylene	"			**ND**	"	**10.0**				
Benzo (a) pyrene	"			**ND**	"	**10.0**				
Benzyl alcohol	"			**ND**	"	**10.0**				
Bis(2-chloroethoxy)methane	"			**ND**	"	**10.0**				
-chloroethyl)ether	"			**ND**	"	**10.0**				
Bis(2-chloroisopropyl)ether	"			**ND**	"	**10.0**				
Bis(2-ethylhexyl)phthalate	"			**ND**	"	**50.0**				
4-Bromophenyl phenyl ether	"			**ND**	"	**10.0**				
Butyl benzyl phthalate	"			**ND**	"	**10.0**				
Carbazole	"			**ND**	"	**10.0**				
4-Chloroaniline	"			**ND**	"	**10.0**				
2-Chloronaphthalene	"			**ND**	"	**10.0**				
4-Chloro-3-methylphenol	"			**ND**	"	**10.0**				
2-Chlorophenol	"			**ND**	"	**10.0**				
4-Chlorophenyl phenyl ether	"			**ND**	"	**10.0**				
Chrysene	"			**ND**	"	**10.0**				
Dibenz (a,h) anthracene	"			**ND**	"	**10.0**				
Dibenzofuran	"			**ND**	"	**10.0**				
Di-n-butyl phthalate	"			**ND**	"	**10.0**				
1,3-Dichlorobenzene	"			**ND**	"	**10.0**				
1,4-Dichlorobenzene	"			**ND**	"	**10.0**				
1,2-Dichlorobenzene	"			**ND**	"	**10.0**				
3,3'-Dichlorobenzidine	"			**ND**	"	**10.0**				
2,4-Dichlorophenol	"			**ND**	"	**10.0**				
Diethyl phthalate	"			**ND**	"	**10.0**				
2,4-Dimethylphenol	"			**ND**	"	**10.0**				
Dimethyl phthalate	"			**ND**	"	**10.0**				
4,6-Dinitro-2-methylphenol	"			**ND**	"	**10.0**				
2,4-Dinitrophenol	"			**ND**	"	**20.0**				

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0890610-BLK1**									
2,4-Dinitrotoluene	8/22/99			**ND**	ug/l	**10.0**				
2,6-Dinitrotoluene	"			**ND**	"	**10.0**				
Di-n-octyl phthalate	"			**ND**	"	**10.0**				
Fluoranthene	"			**ND**	"	**10.0**				
Fluorene	"			**ND**	"	**10.0**				
Hexachlorobenzene	"			**ND**	"	**10.0**				
Hexachlorobutadiene	"			**ND**	"	**10.0**				
Hexachlorocyclopentadiene	"			**ND**	"	**10.0**				
Hexachloroethane	"			**ND**	"	**10.0**				
Indeno (1,2,3-cd) pyrene	"			**ND**	"	**10.0**				
Isophorone	"			**ND**	"	**10.0**				
2-Methylnaphthalene	"			**ND**	"	**10.0**				
2-Methylphenol	"			**ND**	"	**10.0**				
3&4-Methylphenol	"			**ND**	"	**10.0**				
Naphthalene	"			**ND**	"	**10.0**				
2-Nitroaniline	"			**ND**	"	**10.0**				
3-Nitroaniline	"			**ND**	"	**10.0**				
4-Nitroaniline	"			**ND**	"	**10.0**				
Nitrobenzene	"			**ND**	"	**10.0**				
2-Nitrophenol	"			**ND**	"	**10.0**				
4-Nitrophenol	"			**ND**	"	**10.0**				
N-Nitrosodiphenylamine	"			**ND**	"	**10.0**				
N-Nitrosodi-n-propylamine	"			**ND**	"	**10.0**				
Pentachlorophenol	"			**ND**	"	**10.0**				
Phenanthrene	"			**ND**	"	**10.0**				
Phenol	"			**ND**	"	**10.0**				
Pyrene	"			**ND**	"	**10.0**				
1,2,4-Trichlorobenzene	"			**ND**	"	**10.0**				
2,4,5-Trichlorophenol	"			**ND**	"	**10.0**				
2,4,6-Trichlorophenol	"			**ND**	"	**10.0**				
Surrogate: 2-FP	"	*50.0*		*16.6*	"	*40.0-115*	*33.2*			*2*
Surrogate: Phenol-d6	"	*50.0*		*10.7*	"	*18.0-145*	*21.4*			
Surrogate: 2,4,6-TBP	"	*50.0*		*29.3*	"	*24.0-130*	*58.6*			
Surrogate: Nitrobenzene-d5	"	*50.0*		*28.3*	"	*42.0-110*	*56.6*			
Surrogate: 2-FBP	"	*50.0*		*28.7*	"	*46.0-116*	*57.4*			
Surrogate: p-Terphenyl-d14	"	*50.0*		*35.8*	"	*63.0-117*	*71.6*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
LCS	**0890610-BS1**									
Acenaphthene	8/23/99	100		58.8	ug/l	42.0-110	58.8			
4-Chloro-3-methylphenol	"	200		119	"	35.0-110	59.5			
2-Chlorophenol	"	200		102	"	45.0-110	51.0			
1,4-Dichlorobenzene	"	100		54.8	"	23.0-110	54.8			
2,4-Dinitrotoluene	"	100		59.3	"	51.0-110	59.3			
4-Nitrophenol	"	200		54.3	"	16.0-110	27.1			
N-Nitrosodi-n-propylamine	"	100		57.1	"	34.0-115	57.1			
Pentachlorophenol	"	200		141	"	30.0-124	70.5			
Phenol	"	200		46.5	"	39.0-110	23.3			3
Pyrene	"	100		71.9	"	49.0-113	71.9			
1,2,4-Trichlorobenzene	"	100		62.1	"	17.0-110	62.1			
Surrogate: 2-FP	"	*50.0*		*15.2*	"	*40.0-115*	*30.4*			*2*
Surrogate: Phenol-d6	"	*50.0*		*10.9*	"	*18.0-145*	*21.8*			
Surrogate: 2,4,6-TBP	"	*50.0*		*37.8*	"	*24.0-130*	*75.6*			
Surrogate: Nitrobenzene-d5	"	*50.0*		*30.8*	"	*42.0-110*	*61.6*			
Surrogate: 2-FBP	"	*50.0*		*31.8*	"	*46.0-116*	*63.6*			
Surrogate: p-Terphenyl-d14	"	*50.0*		*38.4*	"	*63.0-117*	*76.8*			
Matrix Spike	**0890610-MS1**		**B908295-02**							
Acenaphthene	8/23/99	190	ND	123	ug/l	48.0-110	**64.7**			
4-Chloro-3-methylphenol	"	381	ND	240	"	45.0-110	**63.0**			
2-Chlorophenol	"	381	ND	209	"	39.0-110	**54.9**			
1,4-Dichlorobenzene	"	190	ND	119	"	27.0-110	**62.6**			
2,4-Dinitrotoluene	"	190	ND	117	"	60.0-110	**61.6**			
4-Nitrophenol	"	381	ND	145	"	20.0-110	**38.1**			
N-Nitrosodi-n-propylamine	"	190	ND	118	"	23.0-116	**62.1**			
Pentachlorophenol	"	381	ND	258	"	39.0-129	**67.7**			
Phenol	"	381	ND	142	"	31.0-115	**37.3**			
Pyrene	"	190	ND	128	"	63.0-113	**67.4**			
1,2,4-Trichlorobenzene	"	190	ND	131	"	54.0-123	**68.9**			
Surrogate: 2-FP	"	*95.2*		*43.1*	"	*40.0-115*	*45.3*			
Surrogate: Phenol-d6	"	*95.2*		*33.8*	"	*18.0-145*	*35.5*			
Surrogate: 2,4,6-TBP	"	*95.2*		*68.2*	"	*24.0-130*	*71.6*			
Surrogate: Nitrobenzene-d5	"	*95.2*		*62.9*	"	*42.0-110*	*66.1*			
Surrogate: 2-FBP	"	*95.2*		*64.7*	"	*46.0-116*	*68.0*			
Surrogate: p-Terphenyl-d14	"	*95.2*		*69.8*	"	*63.0-117*	*73.3*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/1/99 08:22

Semivolatile Organic Compounds by EPA Method 8270C/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup	**0890610-MSD1**		**B908295-02**							
Acenaphthene	8/23/99	190	ND	129	ug/l	48.0-110	**67.9**	31.0	**4.83**	
4-Chloro-3-methylphenol	"	381	ND	244	"	45.0-110	**64.0**	30.0	**1.57**	
2-Chlorophenol	"	381	ND	235	"	39.0-110	**61.7**	38.0	**11.7**	
1,4-Dichlorobenzene	"	190	ND	134	"	27.0-110	**70.5**	42.0	**11.9**	
2,4-Dinitrotoluene	"	190	ND	123	"	60.0-110	**64.7**	28.0	**4.91**	
4-Nitrophenol	"	381	ND	145	"	20.0-110	**38.1**	33.0	**0**	
N-Nitrosodi-n-propylamine	"	190	ND	129	"	23.0-116	**67.9**	36.0	**8.92**	
Pentachlorophenol	"	381	ND	266	"	39.0-129	**69.8**	22.0	**3.05**	
Phenol	"	381	ND	153	"	31.0-115	**40.2**	38.0	**7.48**	
Pyrene	"	190	ND	134	"	63.0-113	**70.5**	18.0	**4.50**	
1,2,4-Trichlorobenzene	"	190	ND	146	"	54.0-123	**76.8**	29.0	**10.8**	
Surrogate: 2-FP	"	*95.2*		*46.6*	"	*40.0-115*	*48.9*			
ɔgate: Phenol-d6	"	*95.2*		*37.6*	"	*18.0-145*	*39.5*			
ɔgate: 2,4,6-TBP	"	*95.2*		*80.0*	"	*24.0-130*	*84.0*			
Surrogate: Nitrobenzene-d5	"	*95.2*		*72.2*	"	*42.0-110*	*75.8*			
Surrogate: 2-FBP	"	*95.2*		*73.9*	"	*46.0-116*	*77.6*			
Surrogate: p-Terphenyl-d14	"	*95.2*		*75.8*	"	*63.0-117*	*79.6*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported:	9/1/99 08:22

Notes and Definitions

#	Note
1	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
2	The surrogate recovery for this sample is outside of established control limits. Review of associated QC indicates the recovery for this surrogate does not represent an out-of-control condition.
3	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Kirk Gendron

Kirk Gendron, Project Manager

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CHAIN OF CUSTODY REPORT

Work Order #: B908270

CLIENT: Farallon Consulting
REPORT TO: Peter Jewett
ADDRESS: 1045 12th Ave NW Suite F4B, Issaquah, WA 98027
PHONE: 425-427-0061 FAX: 425 427 0067
INVOICE TO: Farallon Consulting
P.O. NUMBER:
PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses: [X] 10 (STD.) 7 5 4 3 2 1 <1

Petroleum Hydrocarbon Analyses: [X] 5 (STD.) 4 3 2 1 <1

OTHER Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-[illegible]	NWTPH-[illegible]	8260 B	8270 C	PCB-8081	Total Cd, Cr, Pb 6020	[illegible] Cd, Cr, Pb 6020	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. MW-8	8/12/99 1320	X	X	X	X	X	X	X	Water	9	B908270	-01
2. HC-5	8/12/99 1405	X	X	X	X	X	X	X	↓	↓	↓	-02
3. HC-4	8/12/99 1430	X	X	X	X	X	X	X				-03
4. MW-2	8/12/99 1505	X	X	X	X	X	X	X				-04
5. MW-3	8/12/99 1530	X	X	X	X	X	X	X				-05
6. MW-9	8/12/99 1600	X	X	X	X	X	X	X				-06
7. MW-DUP	8/12/99 1615	X	X	X	X	X	X	X				-07
8. MW-4	8/12/99 1645	X	X	X	X	X	X	X				-08
9. Decon Composite	8/12/99 1715	X	X			X	X					-09
10. Trip Blank	(NWA)											-10
11.												
12.												
13.												
14.												
15.												

RELINQUISHED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: Cathy Nichols
PRINT NAME: FIRM: NCA DATE: 8/12/99 TIME: 18:00

RELINQUISHED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS: w/c 13.6

TEMP:

COC REV 3/99

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported:	9/24/99 07:54

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
MW-8	B908270-01	Water	8/12/99
MW-8 relog	B908270-11	Water	8/12/99

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/24/99 07:54

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Lead	0890536	8/16/99	8/22/99	EPA 6020	0.00100	**0.0620**	mg/l	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/24/99 07:54

Dissolved Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
MW-8			**B908270-01**				**Water**	
Lead	0890886	8/25/99	8/27/99	EPA 6020	0.00100	**0.00962**	mg/l	
MW-8 relog			**B908270-11**				**Water**	
Lead	0990752	9/23/99	9/23/99	EPA 6020	0.00100	ND	mg/l	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/24/99 07:54

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890536	**Date Prepared: 8/16/99**					**Extraction Method: EPA 3020A**				
Blank	**0890536-BLK1**									
Lead	8/22/99			**ND**	mg/l	**0.00100**				
LCS	**0890536-BS1**									
Lead	8/22/99	0.200		0.203	mg/l	80.0-120	101			
Matrix Spike	**0890536-MS1**		**B908207-02**							
Lead	8/22/99	0.200	ND	0.202	mg/l	75.0-125	**101**			
Matrix Spike Dup	**0890536-MSD1**		**B908207-02**							
Lead	8/22/99	0.200	ND	0.206	mg/l	75.0-125	**103**	20.0	**1.96**	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported: 9/24/99 07:54

Dissolved Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890886	**Date Prepared: 8/25/99**					**Extraction Method: EPA 3005A**				
Blank	**0890886-BLK1**									
Lead	8/27/99			**ND**	mg/l	**0.00100**				
LCS	**0890886-BS1**									
Lead	8/27/99	0.200		0.199	mg/l	80.0-120	99.5			
Matrix Spike	**0890886-MS1**		**B908264-21**							
Lead	8/27/99	0.100	ND	0.108	mg/l	75.0-125	**108**			
Matrix Spike Dup	**0890886-MSD1**		**B908264-21**							
Lead	8/27/99	0.100	ND	0.106	mg/l	75.0-125	**106**	20.0	**1.87**	
h: 0990752	**Date Prepared: 9/23/99**					**Extraction Method: EPA 3005A**				
ık	**0990752-BLK1**									
Lead	9/23/99			**ND**	mg/l	**0.00100**				
LCS	**0990752-BS1**									
Lead	9/23/99	0.200		0.201	mg/l	80.0-120	101			
Matrix Spike	**0990752-MS1**		**B908270-11**							
Lead	9/23/99	0.100	ND	0.109	mg/l	75.0-125	**109**			
Matrix Spike Dup	**0990752-MSD1**		**B908270-11**							
Lead	9/23/99	0.100	ND	0.111	mg/l	75.0-125	**111**	20.0	**1.82**	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/12/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/12/99
Issaquah, WA 98027	Project Manager:	Matthew Essig	Reported:	9/24/99 07:54

Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/13/99 10:37

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
FSY-SB1@13.0	B908140-06	Soil	8/6/99
FSY-SB1@20.0	B908140-11	Soil	8/6/99
FLM-SB1@13.0	B908140-20	Soil	8/6/99
FLM-SB1@21.0	B908140-23	Soil	8/6/99
FLM-SB2@16.0	B908140-28	Soil	8/6/99
FLM-SB2@21.0	B908140-30	Soil	8/6/99

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Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/13/99 10:37

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-SB1@13.0			**B908140-06**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*88.2*	*%*	
FSY-SB1@20.0			**B908140-11**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*91.7*	*%*	
FLM-SB1@13.0			**B908140-20**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*84.1*	*%*	
FLM-SB1@21.0			**B908140-23**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*90.5*	*%*	

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**Refer to end of report for text of notes and definitions.*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/13/99 10:37

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-SB2@16.0			**B908140-28**				**Soil**	
Diesel Range Hydrocarbons	0890288	8/9/99	8/12/99		10.0	**19.6**	mg/kg dry	1
Lube Oil Range Hydrocarbons	"	"	"		25.0	**46.2**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*73.8*	*%*	
FLM-SB2@21.0			**B908140-30**				**Soil**	
Diesel Range Hydrocarbons	0890288	8/9/99	8/12/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*74.0*	*%*	

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**Refer to end of report for text of notes and definitions.*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/13/99 10:37

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
FSY-SB1@13.0	B908140-06	Soil	94.5	%
FSY-SB1@20.0	B908140-11	Soil	89.2	%
FLM-SB1@13.0	B908140-20	Soil	87.9	%
FLM-SB1@21.0	B908140-23	Soil	94.6	%
FLM-SB2@16.0	B908140-28	Soil	90.4	%
FLM-SB2@21.0	B908140-30	Soil	87.3	%

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/13/99 10:37

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890289	**Date Prepared: 8/9/99**				**Extraction Method: HCID (WA)**					
Blank	**0890289-BLK1**									
Gx Range Hydrocarbons	8/11/99			**ND**	mg/kg dry	**20.0**				
Kerosene Range Hydrocarbons	"			**ND**	"	**50.0**				
Diesel Range Hydrocarbons	"			**ND**	"	**50.0**				
Insulating Oil Range Hydrocarbons	"			**ND**	"	**100**				
Heavy Fuel Oil Range Hydrocarbons	"			**ND**	"	**100**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**100**				
Surrogate: 2-FBP	"	*DET*		*DET*	"	*50.0-150*	*86.9*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/13/99 10:37

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890288	**Date Prepared: 8/9/99**					**Extraction Method: EPA 3550B**				
Blank	**0890288-BLK1**									
Diesel Range Hydrocarbons	8/10/99			**ND**	mg/kg dry	**10.0**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*9.79*	"	*50.0-150*	*91.5*			
LCS	**0890288-BS1**									
Diesel Range Hydrocarbons	8/10/99	66.7		62.4	mg/kg dry	60.0-140	93.6			
Surrogate: 2-FBP	"	*10.7*		*11.2*	"	*50.0-150*	*105*			
Duplicate	**0890288-DUP1**		**B908086-44**							
Diesel Range Hydrocarbons	8/10/99		ND	ND	mg/kg dry			50.0		
Lube Oil Range Hydrocarbons	"		ND	ND	"			50.0		
ogate: 2-FBP	"	*11.3*		*9.89*	"	*50.0-150*	*87.5*			
Duplicate	**0890288-DUP2**		**B908123-02**							
Diesel Range Hydrocarbons	8/10/99		437	377	mg/kg dry			50.0	**14.7**	
Lube Oil Range Hydrocarbons	"		633	868	"			50.0	**31.3**	
Surrogate: 2-FBP	"	*11.7*		*9.90*	"	*50.0-150*	*84.6*			

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**Refer to end of report for text of notes and definitions.*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/13/99 10:37

Notes and Definitions

#	Note
1	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

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Kirk Gendron, Project Manager

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CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Farallon Consulting
REPORT TO: Pete Scott
ADDRESS: 1045 17th Ave NW, Suite F-15 Issaquah, WA 98045
PHONE: 425-427-0061 FAX: 425-427-0067
PROJECT NAME: Monroe Auto Salvage
PROJECT NUMBER: 661-001
SAMPLED BY: M. Esser

INVOICE TO: Farallon
P.O. NUMBER:

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD.) 4 3 2 1 <1
OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-Gx/BTEX	NWTPH-Dx	NWTPH-HCID										MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1.	FSY-SB1@2.0'	8/6/99 0810													Soil	2		
2.	FSY-SB1@3.5'	0812																
3.	FSY-SB1@8.0'	0817																
4.	FSY-SB1@10.0'	0820			(X)													
5.	FSY-SB1@11.5'	0825																
6.	FSY-SB1@13.0'	0827			(X)													
7.	FSY-SB1@14.0'	0835																
8.	FSY-SB1@16.0'	0837																
9.	FSY-SB1@18.0'	0845																
10.	FSY-SB1@19.0'	0846																
11.	FSY-SB1@20.0'	0848			(X)													
12.	FSY-SB1@22.0'	0850			(X)													
13.	FSY-SB1@23.0'	0854																
14.	FSY-SB1@25.0'	0857																
15.	FSY-SB1@28.0'	0900																

RELINQUISHED BY: [signature] DATE: 8/6/99 RECEIVED BY: [signature] DATE: 8-6-99
PRINT NAME: Matthew Esser FIRM: Farallon TIME: 1320 PRINT NAME: FIRM: NCA TIME: 1320
RELINQUISHED BY: DATE: RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME: PRINT NAME: FIRM: TIME:
ADDITIONAL REMARKS: TEMP:

COC REV 3/99 PAGE 1 OF 3

AUG 09 '99 11:23 425 427 0067 PAGE.02

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CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Farallon Consulting
REPORT TO: Pete Jewett
ADDRESS: 1045 17th Ave NW, Suite 13
PHONE: 425-427-0061
FAX: 425-427-0067
PROJECT NAME: Monroe Ave Section
PROJECT NUMBER: [illegible]
SAMPLED BY: M. Essig

INVOICE TO:

P.O. NUMBER:

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD.) 4 3 2 1 <1
OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

REQUESTED ANALYSES

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME		NWTPH-HCID	NWTPH-Dx												MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1.	FSY-SB1@20.0'	8/6/99	0903														SOIL	2		
2.	FSY-SB1@30.0'	8/6/99	0906																	
3.	FLM-SB1@6.0	8/6/99	1010																	
4.	FLM-SB1@10.0'		1015																	
5.	FLM-SB1@15.0		1017	X																
6.	FLM-SB1@16.0'		1020																	
7.	FLM-SB1@18.0'		1023																	
8.	FLM-SB1@21.0'		1025	X																
9.	FLM-SB1@23.0'		1027																	
10.	FLM-SB2@6.0'		1105																	
11.	FLM-SB2@11.0'		1107																	
12.	FLM-SB2@13.0'		1110															1		
13.	FLM-SB2@16.0'		1114		X													2		
14.	FLM-SB2@18.0'		1115															2		
15.	FLM-SB2@21.0'		1120		X													2		

RELINQUISHED BY: [signature] DATE: 8/6/99
PRINT NAME: MATTHEW ESSIG FIRM: Farallon TIME: 1320
RECEIVED BY: [signature]
PRINT NAME: FIRM: NCA DATE: 8-6-99 TIME: 1320

RELINQUISHED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY:
PRINT NAME: FIRM: DATE: TIME:

ADDITIONAL REMARKS:

TEMP:

QC REV 3/99

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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #:

CLIENT: Farallon Consulting
REPORT TO: Peter Jewett
ADDRESS: 975 5th Ave NW, Suite F-2-A
Issaquah, WA 98027
PHONE: 425-427-0061 FAX: 425-427-0067
PROJECT NAME: Monroe Auto Salvage
PROJECT NUMBER: 401-001
SAMPLED BY: M. [illegible]

INVOICE TO: Farallon

P.O. NUMBER:

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: 10 (STD.) 7 5 4 3 2 1 <1
Petroleum Hydrocarbon Analyses: 5 (STD.) 4 3 2 1 <1
OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

REQUESTED ANALYSES

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
FLMSB2 @22.0	8/6/99 1124	SOIL	2		
FLMSB2 @25.0'	8/6/99 1130	SOIL	2		

RELINQUISHED BY: [signature] DATE: 8/6/99
PRINT NAME: MATT [illegible] FIRM: Farallon TIME: 1320
RECEIVED BY: [signature] DATE: 8-6-99
PRINT NAME: FIRM: NCA TIME: 1320

RELINQUISHED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

TEMP:

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/17/99 15:28

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
FSY-TP11@ 1.0'	B907464-02	Soil	7/20/99
FSY-TP11@ 3.0'	B907464-04	Soil	7/20/99
FSY-TP11@ 5.0'	B907464-06	Soil	7/20/99
FSY-TP11@ 15.0'	B907464-08	Soil	7/20/99
FSY-TP5 @ 1.0'	B907464-10	Soil	7/20/99
FSY-TP5 @ 3.0'	B907464-12	Soil	7/20/99
FSY-TP5 @ 5.0'	B907464-14	Soil	7/20/99
FSY-TP5 @ 15.0'	B907464-17	Soil	7/20/99
FSY-TP10@ 1.0'	B907464-19	Soil	7/20/99
FSY-TP10@ 3.0'	B907464-21	Soil	7/20/99
FSY-TP10@ 5.0'	B907464-23	Soil	7/20/99
FSY-TP10@ 10.0'	B907464-24	Soil	7/20/99
FSY-TP1@ 0.5'	B907464-25	Soil	7/20/99
FSY-TP1@ 10.0'	B907464-31	Soil	7/20/99
FSY-TP3@ 1.0'	B907464-33	Soil	7/20/99
FSY-TP3@ 3.0'	B907464-35	Soil	7/20/99
FSY-TP3@ 5.0'	B907464-37	Soil	7/20/99
FSY-TP3@ 10.0'	B907464-38	Soil	7/20/99
FSY-TP2@ 1.0'	B907464-40	Soil	7/20/99
FSY-TP2@ 3.0'	B907464-42	Soil	7/20/99

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kirk Gendron

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/17/99 15:28

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
FSY-TP2@ 5.0'	B907464-44	Soil	7/20/99
FSY-TP2@ 15.0'	B907464-46	Soil	7/20/99
FSY-TP6 @ 1.0'	B907480-02	Soil	7/21/99
FSY-TP6 @ 3.0'	B907480-04	Soil	7/21/99
FSY-TP6 @ 10.0'	B907480-07	Soil	7/21/99
FSY-TP8 @ 1.0'	B907480-09	Soil	7/21/99
FSY-TP8 @ 10.0'	B907480-14	Soil	7/21/99
FSY-TP7 @ 2.0'	B907480-17	Soil	7/21/99
FSY-TP7 @ 10.0'	B907480-21	Soil	7/21/99
FSY-TP12 @ 1.0'	B907480-24	Soil	7/21/99
FSY-TP12 @ 10.0'	B907480-29	Soil	7/21/99
FSY-TP9 @ 1.0'	B907480-31	Soil	7/21/99
FSY-TP9 @ 3.0'	B907480-33	Soil	7/21/99
FSY-TP9 @ 5.0'	B907480-35	Soil	7/21/99
FSY-TP9 @ 15.0'	B907480-37	Soil	7/21/99
FSY-TP13 @ 1.0'	B907480-39	Soil	7/21/99
FSY-TP13 @ 10.0'	B907480-44	Soil	7/21/99
FSY-TP14 @ 1.0'	B907480-46	Soil	7/21/99
FSY-TP14 @ 10.0'	B907480-51	Soil	7/21/99
FLM-TP4 @ 1.0'	B907480-53	Soil	7/21/99

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/17/99 15:28

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
FLM-TP4 @ 10.0'	B907480-58	Soil	7/21/99
FLM-TP3 @ 1.0'	B907545-02	Soil	7/22/99
FLM-TP3 @ 10.0'	B907545-07	Soil	7/22/99
FLM-TP2 @ 1.0'	B907545-09	Soil	7/22/99
FLM-TP2 @ 5.0'	B907545-13	Soil	7/22/99
FLM-TP5 @ 3.0'	B907545-19	Soil	7/22/99
FLM-TP5 @ 10.0'	B907545-22	Soil	7/22/99
FLM-TP5 @ 15.0'	B907545-23	Soil	7/22/99
FLM-TP1 @ 5.0'	B907545-29	Soil	7/22/99
FLM-TP1 @ 10.0'	B907545-30	Soil	7/22/99
FLM-TP1 @ 12.5'	B907545-31	Soil	7/22/99
FLM-TP1 @ 15.0'	B907545-32	Soil	7/22/99
FLM-TP7 @0.5'	B907545-33	Soil	7/22/99
FLM-TP7 @ 10.0'	B907545-39	Soil	7/22/99
FLM-TP8 @ 1.0'	B907545-41	Soil	7/22/99
FLM-TP8 @ 15.0'	B907545-47	Soil	7/22/99
FSY-TP4 @ 1.0'	B907545-49	Soil	7/22/99
FSY-TP4 @ 3.0'	B907545-51	Soil	7/22/99
FSY-TP4 @ 5.0'	B907545-53	Soil	7/22/99
FSY-TP4 @ 10.0'	B907545-54	Soil	7/22/99

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
FSY-TP16 @ 1.0'	B907548-02	Soil	7/23/99
FSY-TP16 @ 10.0'	B907548-07	Soil	7/23/99
FSY-TP15 @ 20.0'	B907548-08	Soil	7/23/99
FSY-SB1@13.0'	B908140-06	Soil	8/6/99
FSY-SB1@20.0'	B908140-11	Soil	8/6/99
FLM-SB1@13.0'	B908140-20	Soil	8/6/99
FLM-SB1@21.0'	B908140-23	Soil	8/6/99
'-SB2@16.0'	B908140-28	Soil	8/6/99
FLM-SB2@21.0'	B908140-30	Soil	8/6/99

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP11@ 5.0'			**B907464-06**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	**DET**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*104*	*%*	
FSY-TP11@ 15.0'			**B907464-08**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
[illegible]lating Oil Range Hydrocarbons	"	"	"		100	ND	"	
[illegible]y Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*109*	*%*	
FSY-TP5 @ 5.0'			**B907464-14**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*103*	*%*	
FSY-TP5 @ 15.0'			**B907464-17**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*132*	*%*	
FSY-TP10@ 5.0'			**B907464-23**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP10@ 5.0' (continued)			**B907464-23**				**Soil**	
Diesel Range Hydrocarbons	0790724	7/21/99	7/28/99		50.0	ND	mg/kg dry	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*109*	*%*	
FSY-TP10@ 10.0'			**B907464-24**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
[illegible]e Oil Range Hydrocarbons	"	"	"		100	ND	"	
[illegible]gate: 2-FBP*	"	"	"	*50.0-150*		*127*	*%*	
FSY-TP1@ 0.5'			**B907464-25**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	**DET**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*93.2*	*%*	
FSY-TP1@ 10.0'			**B907464-31**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*111*	*%*	
FSY-TP3@ 5.0'			**B907464-37**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP3@ 5.0' (continued)			**B907464-37**				**Soil**	
Heavy Fuel Oil Range Hydrocarbons	0790724	7/21/99	7/28/99		100	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*117*	*%*	
FSY-TP3@ 10.0'			**B907464-38**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	**DET**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*117*	*%*	
TP2@ 5.0'			**B907464-44**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*99.4*	*%*	
FSY-TP2@ 15.0'			**B907464-46**				**Soil**	
Gx Range Hydrocarbons	0790724	7/21/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*118*	*%*	
FSY-TP6 @ 3.0'			**B907480-04**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP6 @ 3.0' (continued)			**B907480-04**				**Soil**	
Surrogate: 2-FBP	*0790743*	*7/22/99*	*7/28/99*	*50.0-150*		*120*	*%*	
FSY-TP6 @ 10.0'			**B907480-07**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*106*	*%*	
FSY-TP8 @ 1.0'			**B907480-09**				**Soil**	
Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
osene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*108*	*%*	
FSY-TP8 @ 10.0'			**B907480-14**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*103*	*%*	
FSY-TP7 @ 2.0'			**B907480-17**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*105*	*%*	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP7 @ 10.0'			**B907480-21**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*107*	%	
FSY-TP12 @ 1.0'			**B907480-24**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
' 'lating Oil Range Hydrocarbons	"	"	"		100	ND	"	
y Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*110*	%	
FSY-TP12 @ 10.0'			**B907480-29**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*93.9*	%	
FSY-TP9 @ 5.0'			**B907480-35**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*112*	%	
FSY-TP9 @ 15.0'			**B907480-37**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP9 @ 15.0' (continued)			**B907480-37**				**Soil**	
Diesel Range Hydrocarbons	0790743	7/22/99	7/28/99		50.0	ND	mg/kg dry	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*92.0*	*%*	
FSY-TP13 @ 1.0'			**B907480-39**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*101*	*%*	
FSY-TP13 @ 10.0'			**B907480-44**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*100*	*%*	
FSY-TP14 @ 1.0'			**B907480-46**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	**DET**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*104*	*%*	
FSY-TP14 @ 10.0'			**B907480-51**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP14 @ 10.0' (continued)			**B907480-51**				**Soil**	
Heavy Fuel Oil Range Hydrocarbons	0790743	7/22/99	7/28/99		100	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*106*	*%*	
FLM-TP4 @ 1.0'			**B907480-53**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*103*	*%*	
I-TP4 @ 10.0'			**B907480-58**				**Soil**	
Gx Range Hydrocarbons	0790743	7/22/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*102*	*%*	
FLM-TP3 @ 1.0'			**B907545-02**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*111*	*%*	
FLM-TP3 @ 10.0'			**B907545-07**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP3 @ 10.0' (continued)			**B907545-07**				**Soil**	
Surrogate: 2-FBP	*0790808*	*7/25/99*	*7/28/99*	*50.0-150*		*102*	*%*	
FLM-TP2 @ 1.0'			**B907545-09**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	*"*	*"*	*"*	*50.0-150*		*105*	*%*	
FLM-TP2 @ 5.0'			**B907545-13**				**Soil**	
Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
sene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	*"*	*"*	*"*	*50.0-150*		*95.9*	*%*	
FLM-TP5 @ 3.0'			**B907545-19**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	*"*	*"*	*"*	*50.0-150*		*108*	*%*	
FLM-TP5 @ 10.0'			**B907545-22**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	*"*	*"*	*"*	*50.0-150*		*100*	*%*	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP5 @ 15.0'			**B907545-23**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*96.5*	*%*	
FLM-TP1 @ 5.0'			**B907545-29**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
·ılating Oil Range Hydrocarbons	"	"	"		100	ND	"	
vy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*96.4*	*%*	
FLM-TP1 @ 10.0'			**B907545-30**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	**DET**	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*118*	*%*	
FLM-TP1 @ 12.5'			**B907545-31**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	**DET**	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*98.9*	*%*	
FLM-TP1 @ 15.0'			**B907545-32**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP1 @ 15.0' (continued)			**B907545-32**				**Soil**	
Diesel Range Hydrocarbons	0790808	7/25/99	7/28/99		50.0	ND	mg/kg dry	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*105*	*%*	
FLM-TP7 @0.5'			**B907545-33**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
[illegible]e Oil Range Hydrocarbons	"	"	"		100	ND	"	
[illegible]ogate: 2-FBP*	"	"	"	*50.0-150*		*101*	*%*	
FLM-TP7 @ 10.0'			**B907545-39**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*106*	*%*	
FLM-TP8 @ 1.0'			**B907545-41**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	**DET**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*92.8*	*%*	
FLM-TP8 @ 15.0'			**B907545-47**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	

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Kirk Gendron, Project Manager

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP8 @ 15.0' (continued)			**B907545-47**				**Soil**	
Heavy Fuel Oil Range Hydrocarbons	0790808	7/25/99	7/28/99		100	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		100	**DET**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*95.3*	*%*	
FSY-TP4 @ 5.0'			**B907545-53**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*107*	*%*	
-TP4 @ 10.0'			**B907545-54**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*94.2*	*%*	
FSY-TP16 @ 1.0'			**B907548-02**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*97.0*	*%*	
FSY-TP16 @ 10.0'			**B907548-07**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	

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Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP16 @ 10.0' (continued)			**B907548-07**				**Soil**	
Surrogate: 2-FBP	*0790808*	*7/25/99*	*7/28/99*	*50.0-150*		*93.3*	*%*	
FSY-TP15 @ 20.0'			**B907548-08**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*100*	*%*	
FSY-SB1@13.0'			**B908140-06**				**Soil**	
Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
sene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*88.2*	*%*	
FSY-SB1@20.0'			**B908140-11**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*91.7*	*%*	
FLM-SB1@13.0'			**B908140-20**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*84.1*	*%*	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-SB1@21.0'			**B908140-23**				**Soil**	
Gx Range Hydrocarbons	0890289	8/9/99	8/11/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*90.5*	*%*	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP11@ 1.0'			**B907464-02**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/27/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*90.5*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*93.4*	"	
FSY-TP11@ 3.0'			**B907464-04**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/27/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
lbenzene	"	"	"		0.0500	ND	"	
nes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*96.7*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*98.9*	"	
FSY-TP5 @ 1.0'			**B907464-10**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/26/99		5.00	**10.8**	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.0598**	"	
Ethylbenzene	"	"	"		0.0500	**0.0978**	"	
Xylenes (total)	"	"	"		0.100	**0.587**	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*53.4*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*63.0*	"	
FSY-TP5 @ 3.0'			**B907464-12**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/27/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*100*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*106*	"	
FSY-TP10@ 1.0'			**B907464-19**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/27/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP10@ 1.0' (continued)			**B907464-19**				**Soil**	
Toluene	0790822	7/26/99	7/27/99		0.0500	ND	mg/kg dry	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*86.0*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*89.2*	"	
FSY-TP10@ 3.0'			**B907464-21**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/27/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*72.4*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*89.1*	"	
FSY-TP3@ 1.0'			**B907464-33**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*90.3*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*88.7*	"	
FSY-TP3@ 3.0'			**B907464-35**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*101*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*105*	"	
FSY-TP2@ 1.0'			**B907464-40**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP2@ 1.0' (continued)			**B907464-40**				**Soil**	
Xylenes (total)	0790822	7/26/99	7/28/99		0.100	ND	mg/kg dry	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*89.7*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*91.1*	"	
FSY-TP2@ 3.0'			**B907464-42**				**Soil**	
Gasoline Range Hydrocarbons	0790822	7/26/99	7/27/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*102*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*105*	"	
-TP6 @ 1.0'			**B907480-02**				**Soil**	
Gasoline Range Hydrocarbons	0790871	7/27/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.304**	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*85.6*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*88.2*	"	
FSY-TP9 @ 1.0'			**B907480-31**				**Soil**	
Gasoline Range Hydrocarbons	0790871	7/27/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*76.9*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*82.8*	"	
FSY-TP9 @ 3.0'			**B907480-33**				**Soil**	
Gasoline Range Hydrocarbons	0790871	7/27/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	**0.0916**	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.283**	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*79.1*	*%*	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP9 @ 3.0' (continued)			**B907480-33**				**Soil**	
Surrogate: 4-BFB (PID)	*0790871*	*7/27/99*	*7/28/99*	*50.0-150*		*85.7*	*%*	
FSY-TP4 @ 1.0'			**B907545-49**				**Soil**	
Gasoline Range Hydrocarbons	0790871	7/27/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*75.5*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*84.4*	"	
FSY-TP4 @ 3.0'			**B907545-51**				**Soil**	
Gasoline Range Hydrocarbons	0790871	7/27/99	7/28/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*65.3*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*81.1*	"	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP11@ 1.0'			**B907464-02**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**12.9**	mg/kg dry	1
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*77.4*	*%*	
FSY-TP11@ 3.0'			**B907464-04**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*95.9*	*%*	
FSY-TP11@ 5.0'			**B907464-06**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**30.5**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**131**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*86.3*	*%*	
FSY-TP5 @ 1.0'			**B907464-10**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**88.8**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**198**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*86.7*	*%*	
FSY-TP5 @ 3.0'			**B907464-12**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*103*	*%*	
FSY-TP10@ 1.0'			**B907464-19**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/26/99		10.0	**93.0**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**181**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*93.7*	*%*	
FSY-TP10@ 3.0'			**B907464-21**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*101*	*%*	
FSY-TP1@ 0.5'			**B907464-25**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**33.0**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**95.2**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*89.0*	*%*	

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**Refer to end of report for text of notes and definitions.*

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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP3@ 1.0'			**B907464-33**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**51.3**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**132**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*85.2*	*%*	
FSY-TP3@ 3.0'			**B907464-35**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**20.7**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**35.3**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*96.6*	*%*	
FSY-TP3@ 10.0'			**B907464-38**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**171**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**332**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*90.3*	*%*	
FSY-TP2@ 1.0'			**B907464-40**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**78.0**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**303**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*78.9*	*%*	
FSY-TP2@ 3.0'			**B907464-42**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*96.6*	*%*	
FSY-TP6 @ 1.0'			**B907480-02**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**11.3**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**42.8**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*94.2*	*%*	
FSY-TP9 @ 1.0'			**B907480-31**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**115**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**456**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*99.2*	*%*	
FSY-TP9 @ 3.0'			**B907480-33**				**Soil**	
Diesel Range Hydrocarbons	0790728	7/22/99	7/25/99		10.0	**12.3**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**49.0**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*92.4*	*%*	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP14 @ 1.0'			**B907480-46**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**136**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**489**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*96.0*	%	
FLM-TP1 @ 10.0'			**B907545-30**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**1430**	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: Octacosane	"	"	"	*50.0-150*		*122*	%	3
FLM-TP1 @ 12.5'			**B907545-31**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**49.3**	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	**42.4**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*91.5*	%	
FLM-TP8 @ 1.0'			**B907545-41**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**36.0**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**148**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*91.7*	%	
FLM-TP8 @ 15.0'			**B907545-47**				**Soil**	
Diesel Range Hydrocarbons	0790981	7/29/99	8/1/99		10.0	**420**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**2050**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*95.3*	%	
FSY-TP4 @ 1.0'			**B907545-49**				**Soil**	
Diesel Range Hydrocarbons	0790816	7/26/99	7/28/99		10.0	**19.8**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**38.4**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*94.3*	%	
FSY-TP4 @ 3.0'			**B907545-51**				**Soil**	
Diesel Range Hydrocarbons	0790816	7/26/99	7/28/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*93.4*	%	
FLM-SB2@16.0'			**B908140-28**				**Soil**	
Diesel Range Hydrocarbons	0890288	8/9/99	8/12/99		10.0	**19.6**	mg/kg dry	2
Lube Oil Range Hydrocarbons	"	"	"		25.0	**46.2**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*73.8*	%	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-SB2@21.0'			**B908140-30**				**Soil**	
Diesel Range Hydrocarbons	0890288	8/9/99	8/12/99		10.0	ND	mg/kg dry	
Lube Oil Range Hydrocarbons	"	"	"		25.0	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*74.0*	%	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Extractable Petroleum Hydrocarbons by modified WDOE Interim TPH Policy Method
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP1 @ 10.0'			**B907545-30**				**Soil**	
C8-C10 Aliphatics	0890080	8/3/99	8/9/99		25.0	**288**	mg/kg dry	
C10-C12 Aliphatics	"	"	"		25.0	**285**	"	
C12-C16 Aliphatics	"	"	"		25.0	**629**	"	
C16-C21 Aliphatics	"	"	"		25.0	**176**	"	
C21-C34 Aliphatics	"	"	"		25.0	ND	"	
C10-C12 Aromatics	"	"	8/5/99		5.00	**19.1**	"	
C12-C16 Aromatics	"	"	"		5.00	**65.9**	"	
C16-C21 Aromatics	"	"	"		5.00	**26.0**	"	
C21-C34 Aromatics	"	"	"		5.00	ND	"	
Extractable Petroleum Hydrocarbons	"	"	8/9/99			**1490**	"	
Surrogate: 2-FBP	"	"	*8/5/99*	*50.0-150*		*72.1*	*%*	
Surrogate: Octacosane	"	"	*8/9/99*	*50.0-150*		*88.7*	"	
Surrogate: Undecane	"	"	"	*30.0-150*		*118*	"	
FLM-TP8 @ 15.0'			**B907545-47**				**Soil**	
C8-C10 Aliphatics	0890080	8/3/99	8/6/99		5.00	ND	mg/kg dry	
C10-C12 Aliphatics	"	"	"		5.00	ND	"	
C12-C16 Aliphatics	"	"	"		5.00	ND	"	
C16-C21 Aliphatics	"	"	"		5.00	**40.8**	"	
C21-C34 Aliphatics	"	"	"		5.00	**520**	"	
C10-C12 Aromatics	"	"	"		5.00	ND	"	
C12-C16 Aromatics	"	"	"		5.00	**5.74**	"	
C16-C21 Aromatics	"	"	"		5.00	**31.4**	"	
C21-C34 Aromatics	"	"	"		5.00	**226**	"	
Extractable Petroleum Hydrocarbons	"	"	"			**824**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*60.5*	*%*	
Surrogate: Octacosane	"	"	"	*50.0-150*		*73.3*	"	
Surrogate: Undecane	"	"	"	*30.0-150*		*54.6*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP1 @ 10.0'			**B907545-30**				**Soil**	
Acenaphthene	0890080	8/3/99	8/8/99		0.0100	**0.0201**	mg/kg dry	
Acenaphthylene	"	"	"		0.0200	ND	"	4
Anthracene	"	"	"		0.0200	ND	"	4
Benzo (a) anthracene	"	"	"		0.0100	ND	"	
Benzo (a) pyrene	"	"	"		0.0100	ND	"	
Benzo (b) fluoranthene	"	"	"		0.0100	ND	"	
Benzo (ghi) perylene	"	"	"		0.0100	ND	"	
Benzo (k) fluoranthene	"	"	"		0.0100	ND	"	
Chrysene	"	"	"		0.0100	ND	"	
Dibenz (a,h) anthracene	"	"	"		0.0100	ND	"	
Fluoranthene	"	"	"		0.0100	ND	"	
Fluorene	"	"	"		0.0100	**0.0957**	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0100	ND	"	
ethylnaphthalene	"	"	"		0.0100	**0.483**	"	
naphthalene	"	"	"		0.0100	**0.0489**	"	
Phenanthrene	"	"	"		0.0100	**0.173**	"	
Pyrene	"	"	"		0.0100	**0.0173**	"	
Surrogate: p-Terphenyl-d14	"	"	"	*30.0-150*		*69.1*	*%*	
FLM-TP8 @ 15.0'			**B907545-47**				**Soil**	
Acenaphthene	0890080	8/3/99	8/8/99		0.0100	ND	mg/kg dry	
Acenaphthylene	"	"	"		0.0100	ND	"	
Anthracene	"	"	"		0.0100	ND	"	
Benzo (a) anthracene	"	"	"		0.0100	**0.0158**	"	
Benzo (a) pyrene	"	"	"		0.0100	**0.0158**	"	
Benzo (b) fluoranthene	"	"	"		0.0100	**0.0250**	"	
Benzo (ghi) perylene	"	"	"		0.0100	**0.0158**	"	
Benzo (k) fluoranthene	"	"	"		0.0100	ND	"	
Chrysene	"	"	"		0.0100	**0.0211**	"	
Dibenz (a,h) anthracene	"	"	"		0.0100	ND	"	
Fluoranthene	"	"	"		0.0100	**0.100**	"	
Fluorene	"	"	"		0.0100	ND	"	
Indeno (1,2,3-cd) pyrene	"	"	"		0.0100	**0.0132**	"	
2-Methylnaphthalene	"	"	"		0.0100	ND	"	
Naphthalene	"	"	"		0.0100	ND	"	
Phenanthrene	"	"	"		0.0100	**0.0198**	"	
Pyrene	"	"	"		0.0100	**0.127**	"	
Surrogate: p-Terphenyl-d14	"	"	"	*30.0-150*		*63.2*	*%*	

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
FSY-TP11@ 1.0'			**B907464-02**				Soil	
Cadmium	0790829	7/26/99	7/27/99	EPA 6020	0.500	ND	mg/kg dry	
Chromium	"	"	"	EPA 6020	0.500	**28.9**	"	
Lead	"	"	"	EPA 6020	0.500	**34.1**	"	
FSY-TP11@ 3.0'			**B907464-04**				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**3.71**	mg/kg dry	
FSY-TP5 @ 1.0'			**B907464-10**				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**131**	mg/kg dry	
FSY-TP5 @ 3.0'			**B907464-12**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**5.08**	mg/kg dry	
-TP10@ 1.0'			**B907464-19**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**93.3**	mg/kg dry	
FSY-TP10@ 3.0'			**B907464-21**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**2.79**	mg/kg dry	
FSY-TP3@ 1.0'			**B907464-33**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**11.1**	mg/kg dry	
FSY-TP3@ 3.0'			**B907464-35**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**3.65**	mg/kg dry	
FSY-TP2@ 1.0'			**B907464-40**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	1.00	**230**	mg/kg dry	
FSY-TP2@ 3.0'			**B907464-42**				Soil	5
Lead	0790900	7/27/99	7/29/99	EPA 6020	1.00	**11.1**	mg/kg dry	
FSY-TP6 @ 1.0'			**B907480-02**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**146**	mg/kg dry	
FSY-TP8 @ 1.0'			**B907480-09**				Soil	
Lead	0790900	7/27/99	7/29/99	EPA 6020	0.500	**5.97**	mg/kg dry	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
FSY-TP9 @ 1.0'			B907480-31				Soil	
Cadmium	0790829	7/26/99	7/27/99	EPA 6020	0.500	**0.560**	mg/kg dry	
Chromium	"	"	"	EPA 6020	0.500	**28.0**	"	
Lead	"	"	"	EPA 6020	0.500	**89.0**	"	
FSY-TP9 @ 3.0'			B907480-33				Soil	5
Lead	0790900	7/27/99	7/29/99	EPA 6020	1.00	**5.27**	mg/kg dry	
FSY-TP13 @ 1.0'			B907480-39				Soil	5
Lead	0790900	7/27/99	7/29/99	EPA 6020	1.00	**16.7**	mg/kg dry	
FLM-TP4 @ 1.0'			B907480-53				Soil	5
Lead	0790900	7/27/99	7/29/99	EPA 6020	1.00	**4.87**	mg/kg dry	
M-TP3 @ 1.0'			B907545-02				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**5.36**	mg/kg dry	
FLM-TP2 @ 5.0'			B907545-13				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**2.95**	mg/kg dry	
FLM-TP5 @ 3.0'			B907545-19				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**2.90**	mg/kg dry	
FLM-TP1 @ 12.5'			B907545-31				Soil	
Lead	0890041	8/2/99	8/3/99	EPA 6020	0.500	**3.66**	mg/kg dry	
FLM-TP7 @0.5'			B907545-33				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**37.8**	mg/kg dry	
FLM-TP8 @ 1.0'			B907545-41				Soil	
Lead	0890041	8/2/99	8/3/99	EPA 6020	0.500	**27.6**	mg/kg dry	
FSY-TP4 @ 1.0'			B907545-49				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**36.2**	mg/kg dry	
FSY-TP4 @ 3.0'			B907545-51				Soil	
Lead	0790900	7/27/99	7/28/99	EPA 6020	0.500	**5.08**	mg/kg dry	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP2 @ 1.0'			**B907545-09**				**Soil**	
Benzene	0791017	7/30/99	7/30/99		0.0500	ND	mg/kg dry	
Bromobenzene	"	"	"		0.0500	ND	"	
Bromochloromethane	"	"	"		0.0500	ND	"	
Bromodichloromethane	"	"	"		0.0500	ND	"	
Bromoform	"	"	"		0.0500	ND	"	
Bromomethane	"	"	"		0.0500	ND	"	
n-Butylbenzene	"	"	"		0.0500	ND	"	
sec-Butylbenzene	"	"	"		0.0500	ND	"	
tert-Butylbenzene	"	"	"		0.0500	ND	"	
Carbon tetrachloride	"	"	"		0.0500	ND	"	
Chlorobenzene	"	"	"		0.0500	ND	"	
Chloroethane	"	"	"		0.0500	ND	"	
›roform	"	"	"		0.0500	ND	"	
›romethane	"	"	"		0.0500	ND	"	
2-Chlorotoluene	"	"	"		0.0500	ND	"	
4-Chlorotoluene	"	"	"		0.0500	ND	"	
Dibromochloromethane	"	"	"		0.0500	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		0.0500	ND	"	
1,2-Dibromoethane	"	"	"		0.0500	ND	"	
Dibromomethane	"	"	"		0.0500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0500	ND	"	
Dichlorodifluoromethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethane	"	"	"		0.0500	ND	"	
1,2-Dichloroethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethene	"	"	"		0.0500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
1,2-Dichloropropane	"	"	"		0.0500	ND	"	
1,3-Dichloropropane	"	"	"		0.0500	ND	"	
2,2-Dichloropropane	"	"	"		0.0500	ND	"	
1,1-Dichloropropene	"	"	"		0.0500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Hexachlorobutadiene	"	"	"		0.0500	ND	"	
Isopropylbenzene	"	"	"		0.0500	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP2 @ 1.0' (continued)			**B907545-09**				**Soil**	
p-Isopropyltoluene	0791017	7/30/99	7/30/99		0.0500	ND	mg/kg dry	
Methylene chloride	"	"	"		0.500	ND	"	
Naphthalene	"	"	"		0.0500	ND	"	
n-Propylbenzene	"	"	"		0.0500	ND	"	
Styrene	"	"	"		0.0500	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
Tetrachloroethene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
1,2,3-Trichlorobenzene	"	"	"		0.0500	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0500	ND	"	
1,1,1-Trichloroethane	"	"	"		0.0500	ND	"	
1,1,2-Trichloroethane	"	"	"		0.0500	ND	"	
Trichloroethene	"	"	"		0.0500	ND	"	
Trichlorofluoromethane	"	"	"		0.0500	ND	"	
1,2,3-Trichloropropane	"	"	"		0.0500	ND	"	
1,2,4-Trimethylbenzene	"	"	"		0.0500	ND	"	
1,3,5-Trimethylbenzene	"	"	"		0.0500	ND	"	
Vinyl chloride	"	"	"		0.0500	ND	"	
m,p-Xylene	"	"	"		0.0500	ND	"	
o-Xylene	"	"	"		0.0500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*50.0-150*		*94.8*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*91.5*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah. WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP1 @ 12.5'			**B907545-31**				**Soil**	
Benzene	0791017	7/30/99	7/30/99		0.0500	ND	mg/kg dry	
Bromobenzene	"	"	"		0.0500	ND	"	
Bromochloromethane	"	"	"		0.0500	ND	"	
Bromodichloromethane	"	"	"		0.0500	ND	"	
Bromoform	"	"	"		0.0500	ND	"	
Bromomethane	"	"	"		0.0500	ND	"	
n-Butylbenzene	"	"	"		0.0500	ND	"	
sec-Butylbenzene	"	"	"		0.0500	ND	"	
tert-Butylbenzene	"	"	"		0.0500	ND	"	
Carbon tetrachloride	"	"	"		0.0500	ND	"	
Chlorobenzene	"	"	"		0.0500	ND	"	
Chloroethane	"	"	"		0.0500	ND	"	
C[illegible]roform	"	"	"		0.0500	ND	"	
[illegible]romethane	"	"	"		0.0500	ND	"	
2-Chlorotoluene	"	"	"		0.0500	ND	"	
4-Chlorotoluene	"	"	"		0.0500	ND	"	
Dibromochloromethane	"	"	"		0.0500	ND	"	
1,2-Dibromo-3-chloropropane	"	"	"		0.0500	ND	"	
1,2-Dibromoethane	"	"	"		0.0500	ND	"	
Dibromomethane	"	"	"		0.0500	ND	"	
1,2-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,3-Dichlorobenzene	"	"	"		0.0500	ND	"	
1,4-Dichlorobenzene	"	"	"		0.0500	ND	"	
Dichlorodifluoromethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethane	"	"	"		0.0500	ND	"	
1,2-Dichloroethane	"	"	"		0.0500	ND	"	
1,1-Dichloroethene	"	"	"		0.0500	ND	"	
cis-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
trans-1,2-Dichloroethene	"	"	"		0.0500	ND	"	
1,2-Dichloropropane	"	"	"		0.0500	ND	"	
1,3-Dichloropropane	"	"	"		0.0500	ND	"	
2,2-Dichloropropane	"	"	"		0.0500	ND	"	
1,1-Dichloropropene	"	"	"		0.0500	ND	"	
cis-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
trans-1,3-Dichloropropene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Hexachlorobutadiene	"	"	"		0.0500	ND	"	
Isopropylbenzene	"	"	"		0.0500	ND	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP1 @ 12.5' (continued)			**B907545-31**				**Soil**	
p-Isopropyltoluene	0791017	7/30/99	7/30/99		0.0500	ND	mg/kg dry	
Methylene chloride	"	"	"		0.500	ND	"	
Naphthalene	"	"	"		0.0500	ND	"	
n-Propylbenzene	"	"	"		0.0500	ND	"	
Styrene	"	"	"		0.0500	ND	"	
1,1,1,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
1,1,2,2-Tetrachloroethane	"	"	"		0.0500	ND	"	
Tetrachloroethene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
1,2,3-Trichlorobenzene	"	"	"		0.0500	ND	"	
1,2,4-Trichlorobenzene	"	"	"		0.0500	ND	"	
1,1,1-Trichloroethane	"	"	"		0.0500	ND	"	
[illegible]2-Trichloroethane	"	"	"		0.0500	ND	"	
[illegible]loroethene	"	"	"		0.0500	ND	"	
Trichlorofluoromethane	"	"	"		0.0500	ND	"	
1,2,3-Trichloropropane	"	"	"		0.0500	ND	"	
1,2,4-Trimethylbenzene	"	"	"		0.0500	ND	"	
1,3,5-Trimethylbenzene	"	"	"		0.0500	ND	"	
Vinyl chloride	"	"	"		0.0500	ND	"	
m,p-Xylene	"	"	"		0.0500	ND	"	
o-Xylene	"	"	"		0.0500	ND	"	
Surrogate: 4-BFB (ELCD)	"	"	"	*50.0-150*		*98.6*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*95.9*	"	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP11@ 5.0'			**B907464-06**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*76.1*	*%*	
FSY-TP5 @ 1.0'			**B907464-10**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*70.9*	*%*	
FSY-TP10@ 1.0'			**B907464-19**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	**55.4**	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*68.6*	*%*	
FSY-TP1@ 0.5'			**B907464-25**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP1@ 0.5' (continued)			**B907464-25**				**Soil**	
Aroclor 1232	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	**69.5**	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*78.6*	*%*	
FSY-TP3@ 1.0'			**B907464-33**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
clor 1232	"	"	"		50.0	ND	"	
clor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*74.6*	*%*	
FSY-TP3@ 3.0'			**B907464-35**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*79.3*	*%*	
FSY-TP3@ 10.0'			**B907464-38**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah. WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP3@ 10.0' (continued)			**B907464-38**				**Soil**	
Aroclor 1248	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*74.1*	*%*	
FSY-TP2@ 1.0'			**B907464-40**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
·lor 1248	"	"	"		50.0	ND	"	
.lor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*76.0*	*%*	
FSY-TP6 @ 1.0'			**B907480-02**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*57.6*	*%*	
FSY-TP9 @ 1.0'			**B907480-31**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	

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Farallon Consulting LLC	Project: Monroe Auto Salvage	Sampled:	7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number: 601-001	Received:	7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager: Peter Jewett	Reported:	8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP9 @ 1.0' (continued)			**B907480-31**				**Soil**	
Aroclor 1260	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*73.1*	*%*	
FSY-TP9 @ 3.0'			**B907480-33**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*70.7*	*%*	
FSY-TP14 @ 1.0'			**B907480-46**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
Aroclor 1268	"	"	"		50.0	ND	"	
Surrogate: TCX	"	"	"	*40.0-130*		*71.3*	*%*	
FLM-TP8 @ 1.0'			**B907545-41**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	ND	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	

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**Refer to end of report for text of notes and definitions.*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FLM-TP8 @ 1.0' (continued)			**B907545-41**				**Soil**	
Aroclor 1268	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Surrogate: TCX	"	"	"	*40.0-130*		*76.0*	*%*	
FLM-TP8 @ 15.0'			**B907545-47**				**Soil**	
Aroclor 1016	0790979	7/29/99	8/2/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	
Aroclor 1254	"	"	"		50.0	**360**	"	
Aroclor 1260	"	"	"		50.0	ND	"	
Aroclor 1262	"	"	"		50.0	ND	"	
:lor 1268	"	"	"		50.0	ND	"	
...rogate: TCX	"	"	"	*40.0-130*		*66.7*	*%*	
FSY-TP4 @ 1.0'			**B907545-49**				**Soil**	
Aroclor 1016	0890035	8/3/99	8/11/99		50.0	ND	ug/kg dry	
Aroclor 1221	"	"	"		50.0	ND	"	
Aroclor 1232	"	"	"		50.0	ND	"	
Aroclor 1242	"	"	"		50.0	ND	"	
Aroclor 1248	"	"	"		50.0	ND	"	6
Aroclor 1254	"	"	"		50.0	ND	"	6
Aroclor 1260	"	"	"		50.0	ND	"	6
Aroclor 1262	"	"	"		50.0	ND	"	6
Aroclor 1268	"	"	"		50.0	ND	"	6
Surrogate: TCX	"	"	"	*40.0-130*		*74.9*	*%*	
Surrogate: Decachlorobiphenyl	"	"	"	*40.0-130*		*116*	"	

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	8/17/99 15:28

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
FSY-TP11@ 1.0'	B907464-02	Soil	80.5	%
FSY-TP11@ 3.0'	B907464-04	Soil	88.5	%
FSY-TP11@ 5.0'	B907464-06	Soil	93.8	%
FSY-TP11@ 15.0'	B907464-08	Soil	94.5	%
FSY-TP5 @ 1.0'	B907464-10	Soil	79.0	%
FSY-TP5 @ 3.0'	B907464-12	Soil	87.4	%
FSY-TP5 @ 5.0'	B907464-14	Soil	95.2	%
-TP5 @ 15.0'	B907464-17	Soil	93.2	%
FSY-TP10@ 1.0'	B907464-19	Soil	67.4	%
FSY-TP10@ 3.0'	B907464-21	Soil	95.0	%
FSY-TP10@ 5.0'	B907464-23	Soil	95.7	%
FSY-TP10@ 10.0'	B907464-24	Soil	93.4	%
FSY-TP1@ 0.5'	B907464-25	Soil	78.9	%
FSY-TP1@ 10.0'	B907464-31	Soil	92.4	%
FSY-TP3@ 1.0'	B907464-33	Soil	71.7	%
FSY-TP3@ 3.0'	B907464-35	Soil	90.9	%
FSY-TP3@ 5.0'	B907464-37	Soil	95.5	%
FSY-TP3@ 10.0'	B907464-38	Soil	94.3	%
FSY-TP2@ 1.0'	B907464-40	Soil	80.7	%

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Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
FSY-TP2@ 3.0'	B907464-42	Soil	60.8	%
FSY-TP2@ 5.0'	B907464-44	Soil	94.5	%
FSY-TP2@ 15.0'	B907464-46	Soil	93.4	%
FSY-TP6 @ 1.0'	B907480-02	Soil	88.7	%
FSY-TP6 @ 3.0'	B907480-04	Soil	93.6	%
FSY-TP6 @ 10.0'	B907480-07	Soil	92.5	%
FSY-TP8 @ 1.0'	B907480-09	Soil	81.3	%
-TP8 @ 10.0'	B907480-14	Soil	89.9	%
FSY-TP7 @ 2.0'	B907480-17	Soil	75.4	%
FSY-TP7 @ 10.0'	B907480-21	Soil	91.5	%
FSY-TP12 @ 1.0'	B907480-24	Soil	84.2	%
FSY-TP12 @ 10.0'	B907480-29	Soil	90.4	%
FSY-TP9 @ 1.0'	B907480-31	Soil	81.8	%
FSY-TP9 @ 3.0'	B907480-33	Soil	82.0	%
FSY-TP9 @ 5.0'	B907480-35	Soil	95.0	%
FSY-TP9 @ 15.0'	B907480-37	Soil	92.5	%
FSY-TP13 @ 1.0'	B907480-39	Soil	77.1	%
FSY-TP13 @ 10.0'	B907480-44	Soil	89.5	%
FSY-TP14 @ 1.0'	B907480-46	Soil	71.3	%

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Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
FSY-TP14 @ 10.0'	B907480-51	Soil	93.3	%
FLM-TP4 @ 1.0'	B907480-53	Soil	81.0	%
FLM-TP4 @ 10.0'	B907480-58	Soil	91.4	%
FLM-TP3 @ 1.0'	B907545-02	Soil	77.5	%
FLM-TP3 @ 10.0'	B907545-07	Soil	93.6	%
FLM-TP2 @ 1.0'	B907545-09	Soil	73.8	%
FLM-TP2 @ 5.0'	B907545-13	Soil	94.9	%
-TP5 @ 3.0'	B907545-19	Soil	91.4	%
FLM-TP5 @ 10.0'	B907545-22	Soil	92.7	%
FLM-TP5 @ 15.0'	B907545-23	Soil	93.5	%
FLM-TP1 @ 5.0'	B907545-29	Soil	95.8	%
FLM-TP1 @ 10.0'	B907545-30	Soil	92.7	%
FLM-TP1 @ 12.5'	B907545-31	Soil	90.3	%
FLM-TP1 @ 15.0'	B907545-32	Soil	91.4	%
FLM-TP7 @0.5'	B907545-33	Soil	83.9	%
FLM-TP7 @ 10.0'	B907545-39	Soil	91.6	%
FLM-TP8 @ 1.0'	B907545-41	Soil	89.4	%
FLM-TP8 @ 15.0'	B907545-47	Soil	50.6	%
FSY-TP4 @ 1.0'	B907545-49	Soil	86.8	%

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Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
FSY-TP4 @ 3.0'	B907545-51	Soil	88.0	%
FSY-TP4 @ 5.0'	B907545-53	Soil	94.3	%
FSY-TP4 @ 10.0'	B907545-54	Soil	93.6	%
FSY-TP16 @ 1.0'	B907548-02	Soil	81.8	%
FSY-TP16 @ 10.0'	B907548-07	Soil	89.8	%
FSY-TP15 @ 20.0'	B907548-08	Soil	93.7	%
FSY-SB1@13.0'	B908140-06	Soil	94.5	%
[illegible]-SB1@20.0'	B908140-11	Soil	89.2	%
FLM-SB1@13.0'	B908140-20	Soil	87.9	%
FLM-SB1@21.0'	B908140-23	Soil	94.6	%
FLM-SB2@16.0'	B908140-28	Soil	90.4	%
FLM-SB2@21.0'	B908140-30	Soil	87.3	%

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790724	**Date Prepared: 7/21/99**				**Extraction Method: HCID (WA)**					
Blank	**0790724-BLK1**									
Gx Range Hydrocarbons	7/28/99			**ND**	mg/kg dry	**20.0**				
Kerosene Range Hydrocarbons	"			**ND**	"	**50.0**				
Diesel Range Hydrocarbons	"			**ND**	"	**50.0**				
Insulating Oil Range Hydrocarbons	"			**ND**	"	**100**				
Heavy Fuel Oil Range Hydrocarbons	"			**ND**	"	**100**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**100**				
Surrogate: 2-FBP	"	*DET*		*DET*	"	*50.0-150*	*131*			
Batch: 0790743	**Date Prepared: 7/22/99**				**Extraction Method: HCID (WA)**					
Blank	**0790743-BLK1**									
Gx Range Hydrocarbons	7/28/99			**ND**	mg/kg dry	**20.0**				
[illegible]sene Range Hydrocarbons	"			**ND**	"	**50.0**				
[illegible]l Range Hydrocarbons	"			**ND**	"	**50.0**				
Insulating Oil Range Hydrocarbons	"			**ND**	"	**100**				
Heavy Fuel Oil Range Hydrocarbons	"			**ND**	"	**100**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**100**				
Surrogate: 2-FBP	"	*DET*		*DET*	"	*50.0-150*	*104*			
Batch: 0790808	**Date Prepared: 7/25/99**				**Extraction Method: HCID (WA)**					
Blank	**0790808-BLK1**									
Gx Range Hydrocarbons	7/28/99			**ND**	mg/kg dry	**20.0**				
Kerosene Range Hydrocarbons	"			**ND**	"	**50.0**				
Diesel Range Hydrocarbons	"			**ND**	"	**50.0**				
Insulating Oil Range Hydrocarbons	"			**ND**	"	**100**				
Heavy Fuel Oil Range Hydrocarbons	"			**ND**	"	**100**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**100**				
Surrogate: 2-FBP	"	*DET*		*DET*	"	*50.0-150*	*106*			
Batch: 0890289	**Date Prepared: 8/9/99**				**Extraction Method: HCID (WA)**					
Blank	**0890289-BLK1**									
Gx Range Hydrocarbons	8/11/99			**ND**	mg/kg dry	**20.0**				
Kerosene Range Hydrocarbons	"			**ND**	"	**50.0**				
Diesel Range Hydrocarbons	"			**ND**	"	**50.0**				
Insulating Oil Range Hydrocarbons	"			**ND**	"	**100**				
Heavy Fuel Oil Range Hydrocarbons	"			**ND**	"	**100**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**100**				
Surrogate: 2-FBP	"	*DET*		*DET*	"	*50.0-150*	*86.9*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790822	**Date Prepared: 7/26/99**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0790822-BLK1**									
Gasoline Range Hydrocarbons	7/26/99			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*4.00*		*4.32*	"	*50.0-150*	*108*			
Surrogate: 4-BFB (PID)	"	*4.00*		*4.49*	"	*50.0-150*	*112*			
LCS	**0790822-BS1**									
Gasoline Range Hydrocarbons	7/26/99	25.0		23.3	mg/kg dry	70.0-130	93.2			
Surrogate: 4-BFB (FID)	"	*4.00*		*4.26*	"	*50.0-150*	*107*			
licate	**0790822-DUP1**		**B907464-40**							
Gasoline Range Hydrocarbons	7/27/99		ND	ND	mg/kg dry			50.0		
Surrogate: 4-BFB (FID)	"	*4.96*		*4.20*	"	*50.0-150*	*84.7*			
Duplicate	**0790822-DUP2**		**B907464-10**							
Gasoline Range Hydrocarbons	7/27/99		10.8	10.5	mg/kg dry			50.0	**2.82**	
Surrogate: 4-BFB (FID)	"	*5.06*		*4.04*	"	*50.0-150*	*79.8*			
Matrix Spike	**0790822-MS1**		**B907464-04**							
Benzene	7/27/99	0.565	ND	0.480	mg/kg dry	60.0-140	**85.0**			
Toluene	"	0.565	ND	0.471	"	60.0-140	**83.4**			
Ethylbenzene	"	0.565	ND	0.495	"	60.0-140	**87.6**			
Xylenes (total)	"	1.70	ND	1.46	"	60.0-140	**85.9**			
Surrogate: 4-BFB (PID)	"	*4.52*		*4.48*	"	*50.0-150*	*99.1*			
Matrix Spike Dup	**0790822-MSD1**		**B907464-04**							
Benzene	7/27/99	0.565	ND	0.538	mg/kg dry	60.0-140	**95.2**	20.0	**11.3**	
Toluene	"	0.565	ND	0.532	"	60.0-140	**94.2**	20.0	**12.2**	
Ethylbenzene	"	0.565	ND	0.557	"	60.0-140	**98.6**	20.0	**11.8**	
Xylenes (total)	"	1.70	ND	1.64	"	60.0-140	**96.5**	20.0	**11.6**	
Surrogate: 4-BFB (PID)	"	*4.52*		*4.66*	"	*50.0-150*	*103*			
Batch: 0790871	**Date Prepared: 7/27/99**					**Extraction Method: EPA 5030B (P/T)**				
Blank	**0790871-BLK1**									
Gasoline Range Hydrocarbons	7/27/99			**ND**	mg/kg dry	**5.00**				

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Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0790871-BLK1**									
Benzene	7/27/99			**ND**	mg/kg dry	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*4.00*		*3.91*	"	*50.0-150*	*97.8*			
Surrogate: 4-BFB (PID)	"	*4.00*		*3.94*	"	*50.0-150*	*98.5*			
LCS	**0790871-BS1**									
Gasoline Range Hydrocarbons	7/27/99	25.0		22.6	mg/kg dry	70.0-130	90.4			
Surrogate: 4-BFB (FID)	"	*4.00*		*4.62*	"	*50.0-150*	*115*			
Duplicate	**0790871-DUP2**		**B907552-01**							
Gasoline Range Hydrocarbons	7/27/99		750	582	mg/kg dry			50.0	**25.2**	
Surrogate: 4-BFB (FID)	"	*4.41*		*12.2*	"	*50.0-150*	*NR*			*7*
Matrix Spike	**0790871-MS1**		**B907480-02**							
Benzene	7/27/99	0.564	ND	0.476	mg/kg dry	60.0-140	**84.4**			
Toluene	"	0.564	ND	0.502	"	60.0-140	**89.0**			
Ethylbenzene	"	0.564	ND	0.483	"	60.0-140	**85.6**			
Xylenes (total)	"	1.69	0.304	1.50	"	60.0-140	**70.8**			
Surrogate: 4-BFB (PID)	"	*4.51*		*4.08*	"	*50.0-150*	*90.5*			
Matrix Spike Dup	**0790871-MSD1**		**B907480-02**							
Benzene	7/28/99	0.564	ND	0.542	mg/kg dry	60.0-140	**96.1**	20.0	**13.0**	
Toluene	"	0.564	ND	0.558	"	60.0-140	**98.9**	20.0	**10.5**	
Ethylbenzene	"	0.564	ND	0.541	"	60.0-140	**95.9**	20.0	**11.3**	
Xylenes (total)	"	1.69	0.304	1.65	"	60.0-140	**79.6**	20.0	**11.7**	
Surrogate: 4-BFB (PID)	"	*4.51*		*3.95*	"	*50.0-150*	*87.6*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790728	**Date Prepared: 7/22/99**					**Extraction Method: EPA 3550B**				
Blank	**0790728-BLK1**									
Diesel Range Hydrocarbons	7/25/99			**ND**	mg/kg dry	**10.0**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*11.2*	"	*50.0-150*	*105*			
LCS	**0790728-BS1**									
Diesel Range Hydrocarbons	7/25/99	66.7		51.8	mg/kg dry	60.0-140	77.7			
Surrogate: 2-FBP	"	*10.7*		*8.70*	"	*50.0-150*	*81.3*			
Duplicate	**0790728-DUP1**	**B907454-09**								
Diesel Range Hydrocarbons	7/29/99		91.8	57.8	mg/kg dry			50.0	**45.5**	
Lube Oil Range Hydrocarbons	"		ND	ND	"			50.0		
Surrogate: 2-FBP	"	*11.5*		*11.3*	"	*50.0-150*	*98.3*			
Duplicate	**0790728-DUP2**	**B907464-02**								
Diesel Range Hydrocarbons	7/25/99		12.9	14.0	mg/kg dry			50.0	**8.18**	
Lube Oil Range Hydrocarbons	"		ND	ND	"			50.0		
Surrogate: 2-FBP	"	*13.3*		*11.7*	"	*50.0-150*	*88.0*			
Batch: 0790816	**Date Prepared: 7/26/99**					**Extraction Method: EPA 3550B**				
Blank	**0790816-BLK1**									
Diesel Range Hydrocarbons	7/28/99			**ND**	mg/kg dry	**10.0**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*10.4*	"	*50.0-150*	*97.2*			
LCS	**0790816-BS1**									
Diesel Range Hydrocarbons	7/28/99	66.7		54.7	mg/kg dry	60.0-140	82.0			
Surrogate: 2-FBP	"	*10.7*		*9.01*	"	*50.0-150*	*84.2*			
Duplicate	**0790816-DUP1**	**B907523-03**								
Diesel Range Hydrocarbons	7/28/99		205	167	mg/kg dry			50.0	**20.4**	
Lube Oil Range Hydrocarbons	"		143	117	"			50.0	**20.0**	
Surrogate: 2-FBP	"	*11.4*		*10.0*	"	*50.0-150*	*87.7*			
Duplicate	**0790816-DUP2**	**B907524-01**								
Diesel Range Hydrocarbons	7/28/99		3270	3980	mg/kg dry			50.0	**19.6**	
Lube Oil Range Hydrocarbons	"		ND	ND	"			50.0		
Surrogate: 2-FBP	"	*33.0*		*28.8*	"	*50.0-150*	*87.3*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790981	**Date Prepared: 7/29/99**				**Extraction Method: EPA 3550B**					
Blank	**0790981-BLK1**									
Diesel Range Hydrocarbons	8/1/99			**ND**	mg/kg dry	**10.0**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*7.52*	"	*50.0-150*	*70.3*			
LCS	**0790981-BS1**									
Diesel Range Hydrocarbons	8/1/99	66.7		60.9	mg/kg dry	60.0-140	91.3			
Surrogate: 2-FBP	"	*10.7*		*10.3*	"	*50.0-150*	*96.3*			
Duplicate	**0790981-DUP1**	**B907545-41**								
Diesel Range Hydrocarbons	8/1/99		36.0	24.7	mg/kg dry			50.0	**37.2**	
Lube Oil Range Hydrocarbons	"		148	111	"			50.0	**28.6**	
Surrogate: 2-FBP	"	*12.0*		*11.2*	"	*50.0-150*	*93.3*			
Batch: 0890288	**Date Prepared: 8/9/99**				**Extraction Method: EPA 3550B**					
Blank	**0890288-BLK1**									
Diesel Range Hydrocarbons	8/10/99			**ND**	mg/kg dry	**10.0**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*9.79*	"	*50.0-150*	*91.5*			
LCS	**0890288-BS1**									
Diesel Range Hydrocarbons	8/10/99	66.7		62.4	mg/kg dry	60.0-140	93.6			
Surrogate: 2-FBP	"	*10.7*		*11.2*	"	*50.0-150*	*105*			
Duplicate	**0890288-DUP1**	**B908086-44**								
Diesel Range Hydrocarbons	8/10/99		ND	ND	mg/kg dry			50.0		
Lube Oil Range Hydrocarbons	"		ND	ND	"			50.0		
Surrogate: 2-FBP	"	*11.3*		*9.89*	"	*50.0-150*	*87.5*			
Duplicate	**0890288-DUP2**	**B908123-02**								
Diesel Range Hydrocarbons	8/10/99		437	377	mg/kg dry			50.0	**14.7**	
Lube Oil Range Hydrocarbons	"		633	868	"			50.0	**31.3**	
Surrogate: 2-FBP	"	*11.7*		*9.90*	"	*50.0-150*	*84.6*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Extractable Petroleum Hydrocarbons by modified WDOE Interim TPH Policy Method/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890080	**Date Prepared: 8/3/99**					**Extraction Method: EPA 3550B**				
Blank	**0890080-BLK1**									
C8-C10 Aliphatics	8/9/99			**ND**	mg/kg dry	**5.00**				
C10-C12 Aliphatics	"			**ND**	"	**5.00**				
C12-C16 Aliphatics	"			**ND**	"	**5.00**				
C16-C21 Aliphatics	"			**ND**	"	**5.00**				
C21-C34 Aliphatics	"			**ND**	"	**5.00**				
C10-C12 Aromatics	"			**ND**	"	**5.00**				
C12-C16 Aromatics	"			**ND**	"	**5.00**				
C16-C21 Aromatics	"			**ND**	"	**5.00**				
C21-C34 Aromatics	"			**ND**	"	**5.00**				
Extractable Petroleum Hydrocarbons	"			**ND**	"					
Surrogate: 2-FBP	"	*12.0*		*7.91*	"	*50.0-150*	*65.9*			
Surrogate: Octacosane	"	*12.3*		*9.26*	"	*50.0-150*	*75.3*			
Surrogate: Undecane	"	*13.3*		*9.21*	"	*30.0-150*	*69.2*			
LCS	**0890080-BS1**									
Extractable Petroleum Hydrocarbons	8/9/99	167		106	mg/kg dry	30.0-120	63.5			
Surrogate: 2-FBP	"	*12.0*		*8.78*	"	*50.0-150*	*73.2*			
Surrogate: Octacosane	"	*12.3*		*10.4*	"	*50.0-150*	*84.6*			
Surrogate: Undecane	"	*13.3*		*9.40*	"	*30.0-150*	*70.7*			
LCS Dup	**0890080-BSD1**									
Extractable Petroleum Hydrocarbons	8/9/99	167		106	mg/kg dry	30.0-120	63.5	40.0	0	
Surrogate: 2-FBP	"	*12.0*		*7.47*	"	*50.0-150*	*62.2*			
Surrogate: Octacosane	"	*12.3*		*10.4*	"	*50.0-150*	*84.6*			
Surrogate: Undecane	"	*13.3*		*8.91*	"	*30.0-150*	*67.0*			
Matrix Spike	**0890080-MS1**		**B907545-30**							
Extractable Petroleum Hydrocarbons	8/9/99	180	1490	594	mg/kg dry	30.0-120	**NR**			8
Surrogate: 2-FBP	"	*13.0*		*8.24*	"	*50.0-150*	*63.4*			
Surrogate: Octacosane	"	*13.3*		*10.9*	"	*50.0-150*	*82.0*			
Surrogate: Undecane	"	*14.3*		*13.3*	"	*30.0-150*	*93.0*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polynuclear Aromatic Hydrocarbons by GC/MS-SIM/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890080	**Date Prepared: 8/3/99**					**Extraction Method: EPA 3550B**				
Blank	**0890080-BLK1**									
Acenaphthene	8/8/99			**ND**	mg/kg dry	**0.0100**				
Acenaphthylene	"			**ND**	"	**0.0100**				
Anthracene	"			**ND**	"	**0.0100**				
Benzo (a) anthracene	"			**ND**	"	**0.0100**				
Benzo (a) pyrene	"			**ND**	"	**0.0100**				
Benzo (b) fluoranthene	"			**ND**	"	**0.0100**				
Benzo (ghi) perylene	"			**ND**	"	**0.0100**				
Benzo (k) fluoranthene	"			**ND**	"	**0.0100**				
Chrysene	"			**ND**	"	**0.0100**				
Dibenz (a,h) anthracene	"			**ND**	"	**0.0100**				
Fluoranthene	"			**ND**	"	**0.0100**				
[illegible]orene	"			**ND**	"	**0.0100**				
[illegible]no (1,2,3-cd) pyrene	"			**ND**	"	**0.0100**				
2-Methylnaphthalene	"			**ND**	"	**0.0100**				
Naphthalene	"			**ND**	"	**0.0100**				
Phenanthrene	"			**ND**	"	**0.0100**				
Pyrene	"			**ND**	"	**0.0100**				
Surrogate: p-Terphenyl-d14	"	*0.267*		*0.225*	"	*30.0-150*	*84.3*			
LCS	**0890080-BS1**									
Chrysene	8/8/99	0.333		0.239	mg/kg dry	10.0-125	71.8			
Fluorene	"	0.333		0.206	"	11.0-116	61.9			
Indeno (1,2,3-cd) pyrene	"	0.333		0.239	"	10.0-147	71.8			
Surrogate: p-Terphenyl-d14	"	*0.267*		*0.218*	"	*30.0-150*	*81.6*			
LCS Dup	**0890080-BSD1**									
Chrysene	8/8/99	0.333		0.266	mg/kg dry	10.0-125	79.9	28.0	10.7	
Fluorene	"	0.333		0.226	"	11.0-116	67.9	32.0	9.24	
Indeno (1,2,3-cd) pyrene	"	0.333		0.245	"	10.0-147	73.6	34.0	2.48	
Surrogate: p-Terphenyl-d14	"	*0.267*		*0.227*	"	*30.0-150*	*85.0*			
Matrix Spike	**0890080-MS1**		**B907545-30**							
Chrysene	8/8/99	0.360	ND	0.257	mg/kg dry	10.0-125	**71.4**			
Fluorene	"	0.360	0.0957	0.224	"	10.0-154	**35.6**			
Indeno (1,2,3-cd) pyrene	"	0.360	ND	0.239	"	10.0-144	**66.4**			
Surrogate: p-Terphenyl-d14	"	*0.288*		*0.221*	"	*30.0-150*	*76.7*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790829	**Date Prepared: 7/26/99**					**Extraction Method: EPA 3050B**				
Blank	**0790829-BLK1**									
Cadmium	7/27/99			**ND**	mg/kg dry	**0.500**				
Chromium	"			**ND**	"	**0.500**				
Lead	"			**ND**	"	**0.500**				
LCS	**0790829-BS1**									
Cadmium	7/27/99	25.0		25.6	mg/kg dry	70.0-130	102			
Chromium	"	25.0		27.3	"	80.0-120	109			
Lead	"	25.0		26.5	"	80.0-120	106			
Matrix Spike	**0790829-MS1**		**B907480-31**							
Cadmium	7/27/99	30.6	0.560	30.9	mg/kg dry	70.0-130	**99.2**			
Chromium	"	30.6	28.0	69.1	"	70.0-130	**134**			9
	"	30.6	89.0	130	"	70.0-130	**134**			10
Matrix Spike	**0790829-MS2**		**B907480-31**							
Chromium	7/27/99	611	28.0	695	mg/kg dry	70.0-130	**109**			11
Lead	"	611	89.0	737	"	70.0-130	**106**			11
Matrix Spike Dup	**0790829-MSD1**		**B907480-31**							
Cadmium	7/27/99	28.6	0.560	29.2	mg/kg dry	70.0-130	**100**	20.0	**0.803**	
Chromium	"	28.6	28.0	63.7	"	70.0-130	**125**	20.0	**6.95**	
Lead	"	28.6	89.0	433	"	70.0-130	**NR**	20.0	**160**	10
Batch: 0790900	**Date Prepared: 7/27/99**					**Extraction Method: EPA 3050B**				
Blank	**0790900-BLK1**									
Lead	7/28/99			**ND**	mg/kg dry	**0.500**				
LCS	**0790900-BS1**									
Lead	7/28/99	25.0		26.0	mg/kg dry	80.0-120	104			
Matrix Spike	**0790900-MS1**		**B907545-19**							
Lead	7/28/99	19.0	2.90	22.5	mg/kg dry	70.0-130	**103**			
Matrix Spike Dup	**0790900-MSD1**		**B907545-19**							
Lead	7/28/99	21.9	2.90	27.4	mg/kg dry	70.0-130	**112**	20.0	**8.37**	

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Total Metals by EPA 6000/7000 Series Methods/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0890041	**Date Prepared: 8/2/99**					**Extraction Method: EPA 3050B**				
Blank	**0890041-BLK1**									
Lead	8/3/99			**ND**	mg/kg dry	**0.500**				
LCS	**0890041-BS1**									
Lead	8/3/99	25.0		27.3	mg/kg dry	80.0-120	109			
Matrix Spike	**0890041-MS1**		**B907621-01**							
Lead	8/3/99	21.4	4.74	27.1	mg/kg dry	70.0-130	**104**			
Matrix Spike Dup	**0890041-MSD1**		**B907621-01**							
Lead	8/3/99	21.7	4.74	28.9	mg/kg dry	70.0-130	**111**	20.0	**6.51**	

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**Refer to end of report for text of notes and definitions.*

Kirk Gendron

Kirk Gendron, Project Manager

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0791017	**Date Prepared: 7/30/99**					**Extraction Method: EPA 5030B [MeOH]**				
Blank	**0791017-BLK1**									
Benzene	7/30/99			**ND**	mg/kg dry	**0.0500**				
Bromobenzene	"			**ND**	"	**0.0500**				
Bromochloromethane	"			**ND**	"	**0.0500**				
Bromodichloromethane	"			**ND**	"	**0.0500**				
Bromoform	"			**ND**	"	**0.0500**				
Bromomethane	"			**ND**	"	**0.0500**				
n-Butylbenzene	"			**ND**	"	**0.0500**				
sec-Butylbenzene	"			**ND**	"	**0.0500**				
tert-Butylbenzene	"			**ND**	"	**0.0500**				
Carbon tetrachloride	"			**ND**	"	**0.0500**				
Chlorobenzene	"			**ND**	"	**0.0500**				
Chloroethane	"			**ND**	"	**0.0500**				
Chloroform	"			**ND**	"	**0.0500**				
Chloromethane	"			**ND**	"	**0.0500**				
2-Chlorotoluene	"			**ND**	"	**0.0500**				
4-Chlorotoluene	"			**ND**	"	**0.0500**				
Dibromochloromethane	"			**ND**	"	**0.0500**				
1,2-Dibromo-3-chloropropane	"			**ND**	"	**0.0500**				
1,2-Dibromoethane	"			**ND**	"	**0.0500**				
Dibromomethane	"			**ND**	"	**0.0500**				
1,2-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,3-Dichlorobenzene	"			**ND**	"	**0.0500**				
1,4-Dichlorobenzene	"			**ND**	"	**0.0500**				
Dichlorodifluoromethane	"			**ND**	"	**0.0500**				
1,1-Dichloroethane	"			**ND**	"	**0.0500**				
1,2-Dichloroethane	"			**ND**	"	**0.0500**				
1,1-Dichloroethene	"			**ND**	"	**0.0500**				
cis-1,2-Dichloroethene	"			**ND**	"	**0.0500**				
trans-1,2-Dichloroethene	"			**ND**	"	**0.0500**				
1,2-Dichloropropane	"			**ND**	"	**0.0500**				
1,3-Dichloropropane	"			**ND**	"	**0.0500**				
2,2-Dichloropropane	"			**ND**	"	**0.0500**				
1,1-Dichloropropene	"			**ND**	"	**0.0500**				
cis-1,3-Dichloropropene	"			**ND**	"	**0.0500**				
trans-1,3-Dichloropropene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Hexachlorobutadiene	"			**ND**	"	**0.0500**				

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank (continued)	**0791017-BLK1**									
Isopropylbenzene	7/30/99			**ND**	mg/kg dry	**0.0500**				
p-Isopropyltoluene	"			**ND**	"	**0.0500**				
Methylene chloride	"			**ND**	"	**0.500**				
Naphthalene	"			**ND**	"	**0.0500**				
n-Propylbenzene	"			**ND**	"	**0.0500**				
Styrene	"			**ND**	"	**0.0500**				
1,1,1,2-Tetrachloroethane	"			**ND**	"	**0.0500**				
1,1,2,2-Tetrachloroethane	"			**ND**	"	**0.0500**				
Tetrachloroethene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
1,2,3-Trichlorobenzene	"			**ND**	"	**0.0500**				
1,2,4-Trichlorobenzene	"			**ND**	"	**0.0500**				
1,1,1-Trichloroethane	"			**ND**	"	**0.0500**				
1,1,2-Trichloroethane	"			**ND**	"	**0.0500**				
Trichloroethene	"			**ND**	"	**0.0500**				
Trichlorofluoromethane	"			**ND**	"	**0.0500**				
1,2,3-Trichloropropane	"			**ND**	"	**0.0500**				
1,2,4-Trimethylbenzene	"			**ND**	"	**0.0500**				
1,3,5-Trimethylbenzene	"			**ND**	"	**0.0500**				
Vinyl chloride	"			**ND**	"	**0.0500**				
m,p-Xylene	"			**ND**	"	**0.0500**				
o-Xylene	"			**ND**	"	**0.0500**				
Surrogate: 4-BFB (ELCD)	"	*2.00*		*1.95*	"	*50.0-150*	*97.5*			
Surrogate: 4-BFB (PID)	"	*2.00*		*1.91*	"	*50.0-150*	*95.5*			
LCS	**0791017-BS1**									
Benzene	7/30/99	1.00		0.798	mg/kg dry	60.0-140	79.8			
Chlorobenzene	"	1.00		0.823	"	60.0-140	82.3			
1,1-Dichloroethene	"	1.00		0.807	"	60.0-140	80.7			
Toluene	"	1.00		0.808	"	60.0-140	80.8			
Trichloroethene	"	1.00		0.863	"	60.0-140	86.3			
Surrogate: 4-BFB (ELCD)	"	*2.00*		*1.97*	"	*50.0-150*	*98.5*			
Surrogate: 4-BFB (PID)	"	*2.00*		*2.04*	"	*50.0-150*	*102*			
Matrix Spike	**0791017-MS1**		**B907576-02**							
Benzene	7/30/99	1.13	ND	0.944	mg/kg dry	60.0-140	**83.5**			
Chlorobenzene	"	1.13	ND	0.944	"	60.0-140	**83.5**			
1,1-Dichloroethene	"	1.13	ND	0.872	"	60.0-140	**77.2**			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Halogenated and Volatile Organics by EPA Method 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike (continued)	**0791017-MS1**		**B907576-02**							
Toluene	7/30/99	1.13	ND	0.940	mg/kg dry	60.0-140	**83.2**			
Trichloroethene	"	1.13	ND	1.00	"	60.0-140	**88.5**			
Surrogate: 4-BFB (ELCD)	"	*2.25*		*2.09*	"	*50.0-150*	*92.9*			
Surrogate: 4-BFB (PID)	"	*2.25*		*2.15*	"	*50.0-150*	*95.6*			
Matrix Spike Dup	**0791017-MSD1**		**B907576-02**							
Benzene	7/30/99	1.13	ND	0.916	mg/kg dry	60.0-140	**81.1**	30.0	**2.92**	
Chlorobenzene	"	1.13	ND	0.966	"	60.0-140	**85.5**	30.0	**2.37**	
1,1-Dichloroethene	"	1.13	ND	0.879	"	60.0-140	**77.8**	30.0	**0.774**	
Toluene	"	1.13	ND	0.930	"	60.0-140	**82.3**	30.0	**1.09**	
Trichloroethene	"	1.13	ND	1.00	"	60.0-140	**88.5**	30.0	**0**	
Surrogate: 4-BFB (ELCD)	"	*2.25*		*2.08*	"	*50.0-150*	*92.4*			
Surrogate: 4-BFB (PID)	"	*2.25*		*2.17*	"	*50.0-150*	*96.4*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790979	**Date Prepared: 7/29/99**					**Extraction Method: EPA 3550B**				
Blank	**0790979-BLK1**									
Aroclor 1016	8/2/99			**ND**	ug/kg dry	**50.0**				
Aroclor 1221	"			**ND**	"	**50.0**				
Aroclor 1232	"			**ND**	"	**50.0**				
Aroclor 1242	"			**ND**	"	**50.0**				
Aroclor 1248	"			**ND**	"	**50.0**				
Aroclor 1254	"			**ND**	"	**50.0**				
Aroclor 1260	"			**ND**	"	**50.0**				
Aroclor 1262	"			**ND**	"	**50.0**				
Aroclor 1268	"			**ND**	"	**50.0**				
Surrogate: TCX	"	*6.67*		*5.32*	"	*40.0-130*	*79.8*			
LCS	**0790979-BS1**									
Aroclor 1260	8/2/99	333		314	ug/kg dry	44.0-123	94.3			
Surrogate: TCX	"	*6.67*		*5.54*	"	*40.0-130*	*83.1*			
Matrix Spike	**0790979-MS1**		**B907464-06**							
Aroclor 1260	8/2/99	355	ND	404	ug/kg dry	28.0-132	**114**			
Surrogate: TCX	"	*7.10*		*5.92*	"	*40.0-130*	*83.4*			
Matrix Spike Dup	**0790979-MSD1**		**B907464-06**							
Aroclor 1260	8/2/99	355	ND	341	ug/kg dry	28.0-132	**96.1**	23.0	**17.0**	
Surrogate: TCX	"	*7.10*		*5.32*	"	*40.0-130*	*74.9*			
Batch: 0890035	**Date Prepared: 8/3/99**					**Extraction Method: EPA 3550B**				
Blank	**0890035-BLK2**									
Aroclor 1016	8/11/99			**ND**	ug/kg dry	**50.0**				
Aroclor 1221	"			**ND**	"	**50.0**				
Aroclor 1232	"			**ND**	"	**50.0**				
Aroclor 1242	"			**ND**	"	**50.0**				
Aroclor 1248	"			**ND**	"	**50.0**				
Aroclor 1254	"			**ND**	"	**50.0**				
Aroclor 1260	"			**ND**	"	**50.0**				
Aroclor 1262	"			**ND**	"	**50.0**				
Aroclor 1268	"			**ND**	"	**50.0**				
Surrogate: TCX	"	*6.67*		*5.54*	"	*40.0-130*	*83.1*			
Surrogate: Decachlorobiphenyl	"	*6.67*		*6.25*	"	*40.0-130*	*93.7*			

North Creek Analytical - Bothell

**Refer to end of report for text of notes and definitions.*

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Blank	**0890035-BLK3**									
Aroclor 1016	8/16/99			**ND**	ug/kg dry	**50.0**				
Aroclor 1221	"			**ND**	"	**50.0**				
Aroclor 1232	"			**ND**	"	**50.0**				
Aroclor 1242	"			**ND**	"	**50.0**				
Aroclor 1248	"			**ND**	"	**50.0**				
Aroclor 1254	"			**ND**	"	**50.0**				
Aroclor 1260	"			**ND**	"	**50.0**				
Aroclor 1262	"			**ND**	"	**50.0**				
Aroclor 1268	"			**ND**	"	**50.0**				
Surrogate: TCX	"	*6.67*		*4.96*	"	*40.0-130*	*74.4*			
Surrogate: Decachlorobiphenyl	"	*6.67*		*5.72*	"	*40.0-130*	*85.8*			
Blank	**0890035-BLK4**									
Aroclor 1016	8/6/99			**ND**	ug/kg dry	**50.0**				
Aroclor 1221	"			**ND**	"	**50.0**				
Aroclor 1232	"			**ND**	"	**50.0**				
Aroclor 1242	"			**ND**	"	**50.0**				
Aroclor 1248	"			**ND**	"	**50.0**				
Aroclor 1254	"			**ND**	"	**50.0**				
Aroclor 1260	"			**ND**	"	**50.0**				
Aroclor 1262	"			**ND**	"	**50.0**				
Aroclor 1268	"			**ND**	"	**50.0**				
Surrogate: TCX	"	*6.67*		*5.51*	"	*40.0-130*	*82.6*			
Surrogate: Decachlorobiphenyl	"	*6.67*		*6.10*	"	*40.0-130*	*91.5*			
LCS	**0890035-BS1**									
Aroclor 1260	8/15/99	333		279	ug/kg dry	44.0-123	83.8			
Surrogate: TCX	"	*6.67*		*4.71*	"	*40.0-130*	*70.6*			
Surrogate: Decachlorobiphenyl	"	*6.67*		*6.61*	"	*40.0-130*	*99.1*			
Matrix Spike	**0890035-MS1**		**B908006-06**							
Aroclor 1260	8/16/99	535	ND	354	ug/kg dry	28.0-132	**66.2**			
Surrogate: TCX	"	*10.7*		*5.01*	"	*40.0-130*	*46.8*			
Surrogate: Decachlorobiphenyl	"	*10.7*		*7.33*	"	*40.0-130*	*68.5*			
Matrix Spike Dup	**0890035-MSD1**		**B908006-06**							
Aroclor 1260	8/16/99	535	ND	346	ug/kg dry	28.0-132	**64.7**	23.0	**2.29**	
Surrogate: TCX	"	*10.7*		*5.36*	"	*40.0-130*	*50.1*			

North Creek Analytical - Bothell

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1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Polychlorinated Biphenyls by EPA Method 8082/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Matrix Spike Dup (continued)	**0890035-MSD1**		**B908006-06**							
Surrogate: Decachlorobiphenyl	*8/16/99*	*10.7*		*7.96*	*ug/kg dry*	*40.0-130*	*74.4*			

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Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/20/99 to 8/6/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/20/99 to 8/6/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 8/17/99 15:28

Notes and Definitions

#	Note
1	The sample chromatographic pattern does not resemble the fuel standard used for quantitation.
2	Results in the diesel organics range are primarily due to overlap from a heavy oil range product.
3	Due to interference from coeluting organic compounds with the primary surrogate, results of the secondary surrogate have been used to control the analysis.
4	The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
5	This sample was re-analyzed at a dilution due to matrix related internal standard failure at the initial final volume.
6	The reporting limit for this analyte has been raised to account for matrix interference.
7	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
8	Analyses are not controlled on matrix spike RPD and/or percent recoveries when the sample concentration is significantly higher than the spike level.
9	The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
10	Visual examination indicates the RPD and/or matrix spike recovery is outside the control limit due to a non-homogeneous sample matrix.
11	Post-digestion Matrix Spike.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Kirk Gendron

Kirk Gendron, Project Manager

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CHAIN OF CUSTODY REPORT

Work Order #: B907545

CLIENT: Farallon Consulting
REPORT TO: Peter Jewett
ADDRESS: 1645 12th Ave, NW Suite E-1B, Issaquah, WA 98027
PHONE: 425-427-0061 FAX: 425-427-0067

INVOICE TO: Farallon Consulting
P.O. NUMBER:

PROJECT NAME: Moroc Auto Salvage
PROJECT NUMBER: 601-001
SAMPLED BY: M. Essig

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: (10) 7 5 4 3 2 1 <1 STD.
Petroleum Hydrocarbon Analyses: (5) 4 3 2 1 <1 STD.
OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	PCB-8082	8021B	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. FLM-TP3e0.5'	7/22/99 0906						SOIL	3	B907545-01	
2. FLM-TP3e4.0'	0908	✓								-02
3. FLM-TP3e2.0'	0910									-03
4. FLM-TP3e3.0'	0912									-04
5. FLM-TP3e4.0'	0921									-05
6. FLM-TP3e5.0'	0925									-06
7. FLM-TP3e10.0'	0930	✓								-07
8. FLM-TP2e0.5'	7/22/99 0957									-08
9. FLM-TP2e1.0'	1000	✓				✓				-09
10. FLM TP2e 2.0'	1002									-10
11. FLM TP2e 3.0'	1004									-11
12. FLM TP2e 4.0	1010									-12
13. FLM TP2e 5.0'	1014	✓								-13
14. FLM TP2e 7.5' / FLM TP2e 10.0'	1030 / 1035									-14 / -15
15. FLM TP3e 0.5'	7/22/99 1110									-16

RELINQUISHED BY: [signature] DATE: 7/22/99
PRINT NAME: Matthew Essig FIRM: Farallon TIME: 1745
RECEIVED BY: S. Wideen DATE: 7/22/99
PRINT NAME: S. Wideen FIRM: NCA TIME: 1745

RELINQUISHED BY: DATE:
PRINT NAME: FIRM: TIME:
RECEIVED BY: DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: W/O
TEMP: 20.3

COC REV 3.00

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Environmental Laboratory Network
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20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: P907545

CLIENT: Farallon Consulting
REPORT TO: Peter Jewett
ADDRESS: 1045 12th Ave NW, Suite F1B, Issaquah, WA 98027
PHONE: 425-427-0061 FAX: 425-427-0067

INVOICE TO: Farallon Consulting
P.O. NUMBER:

PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: ~~10~~ STD. | 7 | 5 | 4 | 3 | 2 | 1 | <1
Petroleum Hydrocarbon Analyses: ~~5~~ STD. | 4 | 3 | 2 | 1 | <1
OTHER — Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-HCID	NWTPH-G/BTEX	NWTPH-Dx	As, Cr, Pb	BTEX	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. FLM-TP5@1.0'	7/22/99 1112								P907545 -	17
2. FLM-TP5@2.0'	1115								-	18
3. FLM-TP5@3.0'	1117	✓							-	19
4. FLM-TP5@4.0'	1123								-	20
5. FLM-TP5@5.0'	1125								-	21
6. FLM-TP5@10.0'	1135	✓							-	22
FLM-TP5@15'	1145	✓								23
7. FLM-TP1@0.5'	1210								-	~~24~~
8. FLM-TP1@1.0'	1212								-	~~25~~
9. FLM-TP1@2.0'	1213								-	26
10. FLM-TP1@3.0'	1215								-	27
11. FLM-TP1@4.0'	1217								-	28
12. FLM-TP1@5.0'	1220	✓							-	29
13. FLM-TP1@10.0'	1227	✓							-	30
FLM-TP1@12.5'	1250	✓				✓			-	31
14. FLM-TP1@15.0'	1300	✓							-	32
15. FLM-TP7@0.5'	7/22/99 1540	✓							-	33

RELINQUISHED BY: [signature]	FIRM: Farallon	DATE: 7/22/99	RECEIVED BY: S. Wideen
PRINT NAME: MATTHEW [illegible]		TIME: 1745	PRINT NAME: S. Wideen FIRM: NCA DATE: 7/22/99 TIME: 1745
RELINQUISHED BY:	FIRM:	DATE:	RECEIVED BY: DATE:
PRINT NAME:		TIME:	PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS: W/O

COC REV 3/99

TEMP: 20.3

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CHAIN OF CUSTODY REPORT

Work Order #: B907545

CLIENT: Farallon Consulting
REPORT TO: Peter Jewett
ADDRESS: 1045 12th Ave NW, Suite F2B, Issaquah, WA 98027
PHONE: 425-427-0061 FAX: 425-427-0067

INVOICE TO:

P.O. NUMBER:

PROJECT NAME: Monroe Auto Salvage
PROJECT NUMBER: 601-001
SAMPLED BY: M. ESSIG

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1

Petroleum Hydrocarbon Analyses (STD.): 5 | 4 | 3 | 2 | 1 | <1

OTHER — Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	Cd, Cr, Pb (6010)	PCB's (8082)	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. FLMTP7e1.0'	7/22/99 1542								B907545	-34
2. FLMTP7e2.0'	1544									-35
3. FLMTP7e3.0'	1545									-36
4. FLMTP7e4.0'	1546									-37
5. FLMTP7e5.0'	1550									-38
6. FLMTP7e10.0'	1600	✓								-39
7. FLMTP8e0.5'	7/22/99 1415									-40
8. FLMTP8e1.0'	1417	✓								-41
9. FLMTP8e2.0'	1420									-42
10. FLMTP8e3.0'	1425									-43
11. FLMTP8e4.0'	1430									-44
12. FLMTP8e5.0'	1440									-45
13. FLMTP8e10.0'	1447									-46
14. FLMTP8e15'	1455	✓								-47
15. FSATP4e05'	7/22/99 1640									-48

RELINQUISHED BY:	DATE: 7/22/99	RECEIVED BY: S. Widen	DATE: 7/22/99
PRINT NAME: MATTHEW ESSIG	FIRM: Farallon	PRINT NAME: S. Widen	FIRM: NCA	TIME: 1745
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

TEMP: 4/0 20.3

COC REV 3.00

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CHAIN OF CUSTODY REPORT

Work Order #: 9907545

CLIENT: Farallon Consulting
REPORT TO: Peter Jewett
ADDRESS: 1045 12th Ave NW, Suite F2B, Issaquah, WA 98027
PHONE: 425-427-0061 FAX: 425-427-0067

INVOICE TO: Farallon Consulting
P.O. NUMBER:

PROJECT NAME: Monroe Autostacking
PROJECT NUMBER: 601-001
SAMPLED BY: M. Essig

TURNAROUND REQUEST in Business Days*
Organic & Inorganic Analyses: 10 | 7 | 5 | 4 | 3 | 2 | 1 | <1
STD. Petroleum Hydrocarbon Analyses: 5 | 4 | 3 | 2 | 1 | <1
STD. OTHER Please Specify
*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NWTPH-HCID	NWTPH-Gx/BTEX	NWTPH-Dx	cl, Cr, Ni-6010	PCB-8082	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID
1. FSY-TP4e1.0'	7/22/99 1642		✓	✓					-	49
2. FSY-TP4e2.0'	1645		✓	✓					-	50
3. FSY-TP4e3.0'	1647		✓	✓					-	51
4. FSY-TP4e4.0'	1640								-	52
5. FSY-TP4e5.0'	1650	✓							-	53
6. FSY-TP4e10.0'	1700	✓							-	54
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										
15.										

REQUESTED ANALYSES

RELINQUISHED BY: [signature]	DATE: 7/22/99	RECEIVED BY: S. Wideen	DATE: 7/22/99
PRINT NAME: Matthew Essig	FIRM: Farallon	TIME: 1745	PRINT NAME: S. Wideen	FIRM: NCA	TIME: 1745
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	FIRM:	TIME:	PRINT NAME:	FIRM:	TIME:

ADDITIONAL REMARKS:

W/O
TEMP: 20.3

COC REV 3/99

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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue. Suite F-1. Bend. OR 97701-5711
541.383.9310 fax 541.382.7588

Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/23/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/23/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	7/30/99 10:32

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
FSY-TP16 @ 1.0	B907548-02	Soil	7/23/99
FSY-TP16 @ 10.0	B907548-07	Soil	7/23/99
FSY-TP15 @ 20.0	B907548-08	Soil	7/23/99

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kirk Gendron, Project Manager

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Environmental Laboratory Network

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541.383.9310 fax 541.382.7588

Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/23/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/23/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 7/30/99 10:32

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
FSY-TP16 @ 1.0			**B907548-02**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*97.0*	%	
FSY-TP16 @ 10.0			**B907548-07**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
' ·ulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
vy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*93.3*	%	
FSY-TP15 @ 20.0			**B907548-08**				**Soil**	
Gx Range Hydrocarbons	0790808	7/25/99	7/28/99		20.0	ND	mg/kg dry	
Kerosene Range Hydrocarbons	"	"	"		50.0	ND	"	
Diesel Range Hydrocarbons	"	"	"		50.0	ND	"	
Insulating Oil Range Hydrocarbons	"	"	"		100	ND	"	
Heavy Fuel Oil Range Hydrocarbons	"	"	"		100	ND	"	
Lube Oil Range Hydrocarbons	"	"	"		100	ND	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*100*	%	

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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/23/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/23/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	7/30/99 10:32

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
FSY-TP16 @ 1.0	B907548-02	Soil	81.8	%
FSY-TP16 @ 10.0	B907548-07	Soil	89.8	%
FSY-TP15 @ 20.0	B907548-08	Soil	93.7	%

North Creek Analytical - Bothell

Kirk Gendron

Kirk Gendron, Project Manager

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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled: 7/23/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received: 7/23/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported: 7/30/99 10:32

Hydrocarbon Identification by Washington DOE Method NWTPH-HCID/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0790808	**Date Prepared: 7/25/99**				**Extraction Method: HCID (WA)**					
Blank	**0790808-BLK1**									
Gx Range Hydrocarbons	7/28/99			**ND**	mg/kg dry	**20.0**				
Kerosene Range Hydrocarbons	"			**ND**	"	**50.0**				
Diesel Range Hydrocarbons	"			**ND**	"	**50.0**				
Insulating Oil Range Hydrocarbons	"			**ND**	"	**100**				
Heavy Fuel Oil Range Hydrocarbons	"			**ND**	"	**100**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**100**				
Surrogate: 2-FBP	"	*DET*		*DET*	"	*50.0-150*	*106*			

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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

Farallon Consulting LLC	Project:	Monroe Auto Salvage	Sampled:	7/23/99
1045 12th Avenue NW, Suite F 1B	Project Number:	601-001	Received:	7/23/99
Issaquah, WA 98027	Project Manager:	Peter Jewett	Reported:	7/30/99 10:32

Notes and Definitions

#	Note
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Kirk Gendron

Kirk Gendron, Project Manager

North Creek Analytical, Inc.
Environmental Laboratory Network

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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 643-9200 FAX 644-2202

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

CHAIN OF CUSTODY REPORT

Work Order # B907548

REPORT TO: Farallon Consulting	INVOICE TO: Farallon Consulting
ATTENTION: Peter Jewett	ATTENTION:
ADDRESS: 1045 12th Ave NW, Suite F15 Issaquah, WA 98027	ADDRESS:
PHONE: 425-427-0061 FAX: 425-427-0067	P.O. NUMBER: NCA QUOTE #:
PROJECT NAME: Manor Auto Salvage	
PROJECT NUMBER: 601-001	
SAMPLED BY:	

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [X] 10 Standard | 7 | 5 | 4 | 3 | 2 | 1 | Same Day

Fuels & Hydrocarbon Analyses: [X] Standard | 3-4 | 2 | 1 | Same Day

OTHER Specify:

** Turnaround Requests less than standard may incur Rush Charges.*

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NCA SAMPLE ID (Laboratory Use Only)	NWTPH-HCID	NWTPH-G/BTEX	NWTPH-Dx	Cd, Cr, Pb-6020	PCB's-8082	MATRIX (W, S, A, O)	# OF CONTAINERS	COMMENTS
1.	FSY-TP16@0.5'	7/23/97 0837	B907548-01						SOIL	3	
2.	FSY-TP16@1.0'	0839	-02	✓							
3.	FSY-TP16@2.0'	0840	-03								
4.	FSY TP16@3.0'	0841	-04								
5.	FSY TP16@4.0'	0845	-05								
6.	FSY TP16@5.0'	0850	-06								
7.	FSY TP16@10.0'	0900	-07	✓							
8.	FSY TP15@20.0'	0917	-08	✓							
9.											
10.											

RELINQUISHED BY (Signature):	DATE: 7/23/97	RECEIVED BY (Signature):	DATE: 7/23/97
PRINT NAME: MATTHEW T-ESSEX	FIRM: Farallon TIME: 1205	PRINT NAME: P. TONTY	FIRM: NCA TIME: 12:00
RELINQUISHED BY (Signature):	DATE:	RECEIVED BY (Signature):	DATE:
PRINT NAME:	FIRM: TIME:	PRINT NAME:	FIRM: TIME:

ADDITIONAL REMARKS:

PAGE OF

COC Rev 8, 1/96

APPENDIX C
INTERIM TPH CALCULATIONS
REMEDIAL INVESTIGATION/ FEASIBILITY STUDY
EAST SUBAREAS
MONROE AUTO SALVAGE
MONROE, WASHINGTON

Farallon PN: 601-001
February 2, 2000

Farallon Consulting
Project Number: 601-001
Monroe Auto Salvage
East Subareas
FLM-TP1@10.0'
Risk Based Calculation

Calculations for Using the TPH Interim Policy (Two Pathways: Human Health and Soil-to-Groundwater)*

1. As in "Calculations for Using the TPH Interim Policy" example put the soil concentrations in the "Soil Conc" column.
2. Examine the hazard index and risk for each land use you wish to use, for each chemical or fraction, and the "Conc. at the well."
3. Hazard quotients for individual substances or fractions cannot exceed 1.0
4. The hazard index (sum of the hazard quotients) cannot exceed 1.0
5. The risk for individual substance or fractions cannot exceed 1x10E-06 for residential land use or 1x10E-05 for commercial or industrial.
6. The risk for the total cannot exceed 1x10E-05 for any land use.
7. The "concentration at the well" cannot exceed 1.0 mg/L total TPH.
8. If any exceedence occurs in 3-7 above, then the cleanup level for TPH has not been met.

1	2	3	4			5	6	7	8	7	8	11	12	9	10	3	4	11	6	12	8	13
	Soil Conc.	RfD	OCPF	Residential		Residential			Commercial	Commercial		Industrial		Industrial		MW	Moles	Mol. Frac.	Solubility	Effect. Sol.	DF	Conc.@ well
Compound	(mg/kg)	mg/kg*day	kg*day/mg	Factor	Multiplier	HQ	Risk	Factor	Multiplier	HQ	Risk	Factor	Multiplier	HQ	Risk	(g/mol)	(mmol/kg)	(percent)	(mg/l)	(mg/l)		(mg/l)
Aliphatics																						
EC 5 - 6																81			28		20	
EC >6 - 8																100			4.2		20	
EC >8 -10																130			0.33		20	
EC >10 -12	285															160	1.8	0.28	0.026	0.0073	20	0.00037
EC >12 -16	629															200	3.1	0.50	0.00059	0.00029	20	0.00001
EC >16 - 21	176															270	0.7	0.10	0.000001	0.0000001	20	0.000000
Total aliphatic	1090	0.06		1.25E-05	2.08E-04	0.23		3.125E-06	5.21E-05	0.06		2.86E-07	4.77E-06	0.01								
Aromatics																						
EC >8 - 10																120			65		20	
EC >10 - 12	19															130	0.1	0.02	25	0.6	20	0.029
EC >12 - 16	66															150	0.4	0.07	5.8	0.40	20	0.020
EC >16 - 21	26															190	0.1	0.02	0.51	0.011	20	0.0006
EC >21 - 35																240			0.0066		20	
Total aromatic	111	0.03																				
Benzene			0.029				0.00E+00				0.00E+00				0.00E+00	78			1780		20	
c-PAHs			7.3				0.00E+00				0.00E+00				0.00E+00							
Ethylbenzene		0.10		1.25E-05				3.125E-06				2.86E-07										
Toluene		0.20		1.25E-05				3.125E-06				2.86E-07				92			520		20	
Xylenes		2.00		1.25E-05				3.125E-06				2.86E-07										
Total aromatic:	111	0.03		1.25E-05	4.17E-04	0.05		3.125E-06	1.04E-04	0.01		2.86E-07	9.53E-06	0.00								
Total						**0.27**	**0.00E+00**			**0.07**	**0.00E+00**			**0.01**	**0.00E+00**		**6.3**	**1.00000**				**0.1**

*Note: This worksheet calculates Methods B and C soil cleanup levels for TPH for two pathways: "direct contact human health" and "soil-to-groundwater." Other possible pathways, such as vapor and surface water must be considered (see "Interim Policy"). In Addition to not exceeding a TPH level in the groundwater of 1.0 mg/L, there cannot be exceedance in the groundwater for individual substances such as the "BETX" compounds.

Farallon Consulting
Project Number: 601-001
Monroe Auto Salvage
East Subareas
FLM-TP8@15.0.0'
Risk Based Calculation

Calculations for Using the TPH Interim Policy (Two Pathways: Human Health and Soil-to-Groundwater)*

1. As in "Calculations for Using the TPH Interim Policy" example put the soil concentrations in the "Soil Conc" column.
2. Examine the hazard index and risk for each land use you wish to use, for each chemical or fraction, and the "Conc. at the well."
3. Hazard quotients for individual substances or fractions cannot exceed 1.0
4. The hazard index (sum of the hazard quotients) cannot exceed 1.0
5. The risk for individual substance or fractions cannot exceed 1x10E-06 for residential land use or 1x10E-05 for commercial or industrial.
6. The risk for the total cannot exceed 1x10E-05 for any land use.
7. The "concentration at the well" cannot exceed 1.0 mg/L total TPH.
8. If any exceedence occurs in 3-7 above, then the cleanup level for TPH has not been met.

1	2	3	4	Residential		5 Residential	6	7	Commercial	7 Commercial	8	11 Industrial	12	9 Industrial	10	3	4	11	6	12	8	13
Compound	Soil Conc. (mg/kg)	RfD mg/kg*day	OCPF kg*day/mg	Factor	Multiplier	HQ	Risk	Factor	Multiplier	HQ	Risk	Factor	Multiplier	HQ	Risk	MW (g/mol)	Moles (mmol/kg)	Mol. Frac. (percent)	Solubility (mg/l)	Effect. Sol. (mg/l)	DF	Conc.@ well (mg/l)
Aliphatics																						
EC 5 - 6																81			28		20	
EC >6 - 8																100			4.2		20	
EC >8 -10																130			0.33		20	
EC >10 -12																160			0.026		20	
EC >12 -16																200			0.00059		20	
EC >16 - 21	41																					
Total aliphatic	41	0.06		1.25E-05	2.08E-04	0.01		3.125E-06	5.21E-05	0.00		2.86E-07	4.77E-06	0.00		270	0.2	0.12	0.000001	0.0000001	20	0.000000
Aromatics																						
EC >8 - 10																120			65		20	
EC >10 - 12																130			25		20	
EC >12 - 16	6															150	0.0	0.03	5.8	0.17	20	0.009
EC >16 - 21	31															190	0.2	0.13	0.51	0.065	20	0.0033
EC >21 - 35	226															240	0.9	0.73	0.0066	0.00479	20	0.0002
Total aromatic	263	0.03																				
Benzene			0.029				0.00E+00				0.00E+00				0.00E+00	78			1780		20	
c-PAHs	0.0909		7.3				6.64E-07				1.66E-07				5.06E-08							
Ethylbenzene		0.10		1.25E-05				3.125E-06				2.86E-07										
Toluene		0.20		1.25E-05				3.125E-06				2.86E-07				92			520		20	
Xylenes		2.00		1.25E-05				3.125E-06				2.86E-07										
Total aromatic:	263	0.03		1.25E-05	4.17E-04	0.11		3.125E-06	1.04E-04	0.03		2.86E-07	9.53E-06	0.00								
Total						**0.12**	**6.64E-07**			**0.03**	**1.66E-07**			**0.00**	**5.06E-08**		**1.3**	**1.00000**				**0.0**

*Note: This worksheet calculates Methods B and C soil cleanup levels for TPH for two pathways: "direct contact human health" and "soil-to-groundwater." Other possible pathways, such as vapor and surface water must be considered (see "Interim Policy"). In Addition to not exceeding a TPH level in the groundwater of 1.0 mg/L, there cannot be exceedance in the groundwater for individual substances such as the "BETX" compounds.