Release 507524
Stevens Healthcare (former Cross property)
edmonds

Report
Underground Storage Tank Removal Monitoring
Former Cross Property
Edmonds, Washington

June 10, 1999

For
Stevens Healthcare

GeoEngineers

June 10, 1999

Consulting Engineers
and Geoscientists

Stevens Healthcare
21601 76th Avenue West
Edmonds, Washington 98026

Attention: Greg Andrews

We are submitting two copies of our "Report, Underground Storage Tank Removal Monitoring" for the UST located on the former Cross property now owned by Stevens Healthcare in Edmonds, Washington. Our services were conducted in general accordance with our proposal dated February 17, 1998.

We appreciate the opportunity to assist you with this project. Please contact us if you have questions regarding information presented in this report.

Yours very truly,

GeoEngineers, Inc.

Kurt R. Fraese
Principal

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Two copies submitted

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CONTENTS

REPORT
UNDERGROUND STORAGE TANK REMOVAL MONITORING
FORMER CROSS PROPERTY
EDMONDS, WASHINGTON
FOR
STEVENS HEALTHCARE

1.0 INTRODUCTION

1.1 GENERAL

This report presents the results of GeoEngineers' underground storage tank (UST) removal monitoring of a former 750-gallon waste oil UST located at 21700 Highway 99 in Edmonds, Washington. The waste oil UST was located immediately west of a carport building on the portion of the property formerly owned and operated by Cross Autowrecking. The subject site currently is owned by Stevens Healthcare and is used as a storage facility for used medical equipment and medical records. The location of the subject site relative to surrounding physical features is shown in Figure 1. The general layout of the site and UST excavation soil sample locations are shown in Figure 2.

2.0 SCOPE OF SERVICES

The purpose of our study was to close the UST in accordance with Ecology's Guidance for Site Checks and Site Assessments for Underground Storage Tanks. Our specific scope of services included the following:

1. Modify our site safety plan for use by GeoEngineer's staff during the UST removal.
2. Monitor the removal of the waste oil UST.
3. Submit two soil samples from the eastern sidewall and base of the UST excavation for chemical analyses of petroleum hydrocarbons by Washington State Department of Ecology (Ecology) Method NWTPH-D extended. We used chemical analytical results from our prior study to document conditions on the north, south and west sidewalls of the UST excavation.
4. Over-excavate the base of the UST excavation to remove soil with residual petroleum hydrocarbon contamination and obtain a clean confirmatory soil sample.
5. Evaluate the field and laboratory data with regard to current environmental regulations.
6. Submit a Site Check/Site Assessment Checklist for underground storage tanks to Ecology.

3.0 SITE CONDITIONS

The site surface is relatively level and is at an approximate elevation of 360 feet above mean sea level. Hall Creek, the nearest surface water body, is located approximately 600 feet east of the site. The site is bordered to the south by a Top Foods grocery store and asphalt parking lot, to the north by the Kruger Medical Clinic, to the west by Stevens Hospital, and to the east by Highway 99.

The site occupies approximately 122,000 square feet, and consists of undeveloped (fenced) lots except for buildings that occupy the southeast portion of the site. The buildings were used by the Cross Autowrecking operations for automobile disassembly, parts storage and cleaning, and

offices. The UST was located immediately west of the carport and was used for waste oil storage during Cross Autowrecking's operations. The approximate locations of the on-site structures are shown in Figure 2.

4.0 UST REMOVAL

4.1 GENERAL

GeoEngineers monitored the installation of three direct push soil borings in the UST vicinity prior to excavation activities. The boring locations and subsequent soil samples were selected to characterize soil conditions at the anticipated north, south and west UST excavation limits. The borings were completed to a depth of approximately 10 feet below ground surface (bgs) by Transglobal Environmental Geosciences, Inc. (TEG) of Lacey, Washington in November 1997. The results of our November 1997 site assessment studies are summarized in our report dated February 11, 1998.

American Distributing (AD) of Everett, Washington rinsed and inerted the UST on February 2, 1999 in preparation for removal. AD then excavated and removed the UST on February 2, 1999. A representative of GeoEngineers who is registered with Ecology to perform UST site checks and site assessments was present to observe UST removal operations, document the condition of the UST and obtain soil samples from the final limits of the UST excavation. Soil samples were obtained during this study in accordance with Ecology's "Guidance for Site Checks and Site Assessments for Underground Storage Tanks". The approximate locations of the UST and soil samples are shown in Figure 2. Details of the field procedures completed during this study are presented in Appendix A. Chemical analytical data are presented in Table 1 and in Appendix B.

4.2 UST CONDITION

A concrete spill pad was removed prior to the removal of the UST. The top of the UST was buried approximately 3 feet bgs. The UST was observed to be in good condition; minor rust was observed on the tank surface. No holes were observed in the 8-foot long, 4-foot diameter UST during removal. The initial UST excavation was completed to a depth of approximately 8 feet bgs. The completed UST site check/site assessment checklist and UST closure and Site Assessment Notice are included in Appendix C.

In general, soil encountered in the UST excavation consisted of brown fine to coarse sand with gravel, occasional cobbles and organic matter (roots). Ground water was not encountered in the excavation.

5.0 SOIL SAMPLING

5.1 FIELD SCREENING

The possible presence of petroleum-hydrocarbon contamination was assessed by field screening soil samples obtained from the walls and base of the excavation. Field screening and soil sampling methods are described in Appendix A.

No petroleum stained soil was observed in the walls or base of the excavation. Field screening results did not indicate probable petroleum-related soil contamination in the excavated UST backfill or at the final limits of the excavation.

5.2 CHEMICAL ANALYSIS

Three soil samples (GP-6-9, GP-7-9 and GP-8-9) were obtained in November 1997 from the direct push soil borings adjacent to the UST. GP-6-9 was submitted for chemical analysis of petroleum hydrocarbon identification, Resource Conservation and Recovery Act (RCRA) metals, and halogenated volatile organic compounds (HVOCs). Petroleum hydrocarbons and HVOCs were not detected in GP-6-9. Barium, cadmium and/or chromium were detected in the soil sample at concentrations less than the Model Toxics Control Act (MTCA) Method A soil cleanup level. GP-7-9 and GP-8-9 were submitted for chemical analysis of petroleum hydrocarbons by Ecology Method NWTPH-HCID. Petroleum hydrocarbons were not detected in the soil samples.

Two discrete soil samples (EX1-1-7, EX1-2-8) were obtained from the limits of the excavation on February 2, 1999 and submitted to North Creek Analytical Laboratories (NCA) of Bothell, Washington for chemical analysis of diesel- and heavy oil-range hydrocarbons. These samples represent conditions on the eastern side wall (EX1-1-7) and the base (EX1-2-8) of the excavation. Diesel and heavy oil-range hydrocarbons were detected at concentrations exceeding MTCA Method A soil cleanup levels in EX1-2-8. Diesel and heavy oil-range hydrocarbons were detected at concentrations less than MTCA Method A soil cleanup levels in EX1-1-7.

Chemical analytical results are summarized in Table 1. Approximate soil sampling locations are shown in Figure 2. Laboratory reports and our review of the laboratory quality control data are presented in Appendix B.

6.0 UST EXCAVATION BACKFILLING

We understand that the excavation initially was backfilled on February 2, 1999 by Stevens Healthcare personnel using the approximately 20 cubic yards (cy) of native soil from the UST excavation along with additional soil from the site surface. GeoEngineers did not observe these backfilling activities.

7.0 SUPPLEMENTAL REMEDIAL EXCAVATION

GeoEngineers monitored the removal of suspected petroleum-contaminated soil from the base of the UST excavation on April 12, 1999. The original and native backfill was removed by American Distributing Company and stockpiled. Glacial till that was encountered from 10 to 13 feet bgs was overexcavated and evaluated for petroleum hydrocarbons using field screening and chemical analysis. Soil sample EX1-6-13 was collected at 13 feet bgs (the base of the supplemental remedial excavation) and submitted to NCA for analysis of diesel- and heavy oil-range hydrocarbons. Petroleum hydrocarbons were not detected in EX1-6-13. The excavation was backfilled with pit run sand and gravel imported by AD. Approximately 28 tons of petroleum-contaminated soil from the UST excavation were transported to TPS

Technologies' (TPS) Tacoma soil treatment facility for permitted disposal. A soil disposal summary sheet is included in Appendix D.

8.0 CONCLUSIONS

A 750-gallon waste oil UST was removed from the site on February 2, 1999. Approximately 28 tons of petroleum-contaminated soil were removed from the UST excavation and transported to TPS in Tacoma for permitted treatment and disposal.

Based on the results of our field observations, screening and chemical analysis, it is our opinion that soil containing residual petroleum hydrocarbons associated with the former UST was successfully removed from the site. Chemical analysis of soil samples obtained from the final limits of the remedial excavation either did not detect petroleum hydrocarbons or detected petroleum hydrocarbons at concentrations less than MTCA cleanup levels.

9.0 LIMITATIONS

This report has been prepared for use by Stevens Healthcare, its agents, and regulatory agencies. The report is not intended for use by others and the information contained herein is not applicable to other sites.

Our interpretation of subsurface conditions during this assessment is based on a limited number of soil samples obtained from the excavation limits and selected chemical analysis. It is always possible that contamination may exist in areas of the site that were not explored, sampled or analyzed. Within the limitations of scope, schedule and budget, our services have been executed in accordance with generally accepted practices in this area at the time this report was prepared. No other conditions, express or implied, should be understood.

We appreciate the opportunity to provide these services. Please contact us if you have questions regarding this report.

Yours very truly,

GeoEngineers, Inc.

David A. Cook
Senior Geologist

Kurt R. Fraese
Principal

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Attachments

Two copies submitted

cc: Joe Hickey (1 copy)
Washington State Department of Ecology
3190 – 160th Avenue Southeast
Bellevue, Washington 98008-5452

TABLE 1
SUMMARY OF SOIL CHEMICAL ANALYTICAL RESULTS[1]

FORMER CROSS PROPERTY SITE - STEVENS HEALTHCARE

EDMONDS, WASHINGTON

Sample[2] Number	Date Sampled	Petroleum Hydrocarbon Identification[3] Analyte/detection limit (mg/kg)	Diesel-range Hydrocarbons[4] (mg/kg)	Heavy Oil-range Hydrocarbons[4] (mg/kg)	Metals[5] (mg/kg)	HVOCs[6] (mg/kg)		
						PCE	TCE	DCE
EX1-1-7	2/2/99	--	12.6	43.1	--	--	--	--
EX1-2-8[7]	2/2/99	--	654	2,270	--	--	--	--
EX1-6-13	4/12/99	--	<10.0	<25.0	--	--	--	--
GP-6-9	11/7/97	ND	--	--	Ba 33.5	<0.0500	<0.0500	<0.0500
			--	--	Cd 0.488			
			--	--	Cr 13.3			
			--	--	Ag 15.5			
GP-7-9	11/7/97	ND	--	--	--	--	--	--
GP-8-9	11/7/97	ND	--	--	--	--	--	--
MTCA Method A Cleanup Level		NA	200	200	Note[8]	0.5	5.0	Note[9]

Notes:

[1]Chemical analyses conducted by North Creek Analytical in Bothell, Washington.

[2]Approximate boring locations are shown in Figure 2.

[3]By Ecology Method NWTPH-HCID.

[4]By Ecology Method NWTPH-D Extended.

[5]EPA 6000 and 7000 series methods.

[6]Halogenated volatile organic compounds by EPA Method 8010. PCE = tetrachloroethene, TCE = trichloroethene, DCE = cis-1,2-dichloroethene. No other HVOCs were detected.

[7]Soil represented by this sample was subsequently overexcavated and removed from the site.

[8]Ba = barium, Cd = cadmium, Cr = chromium, Ag = silver. The concentrations of these detected metals did not exceed applicable MTCA cleanup levels.

[9]No established Method A cleanup levels for DCE. The single compound Method B cleanup level for DCE is 80 mg/kg (formula value from Ecology's CLARC II Table - 1996).

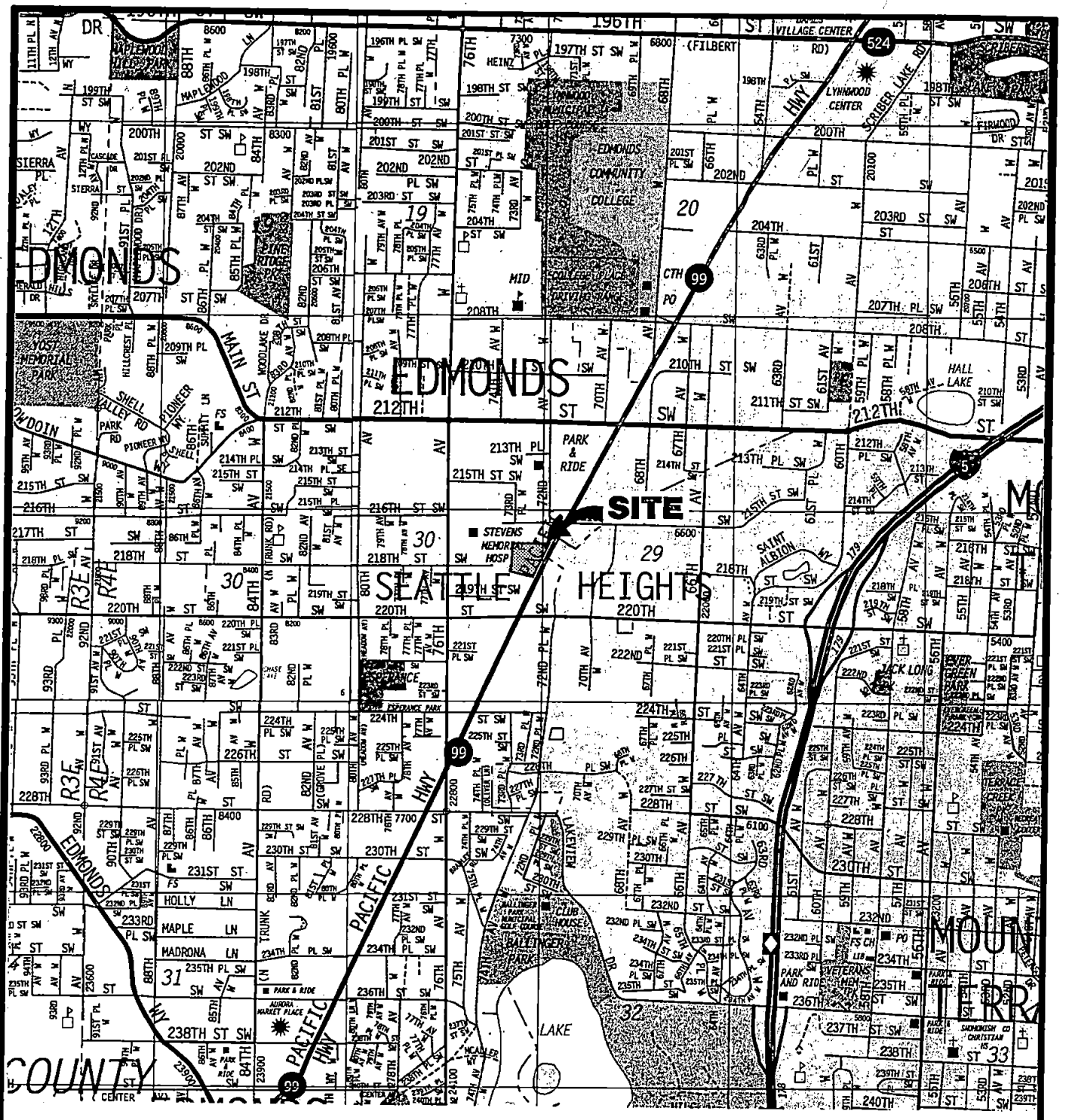
mg/kg = milligrams per kilogram

"--" = not tested

ND = not detected

MTCA = Model Toxics Control Act

Shaded value indicates a concentration greater than the MTCA Method A cleanup level.



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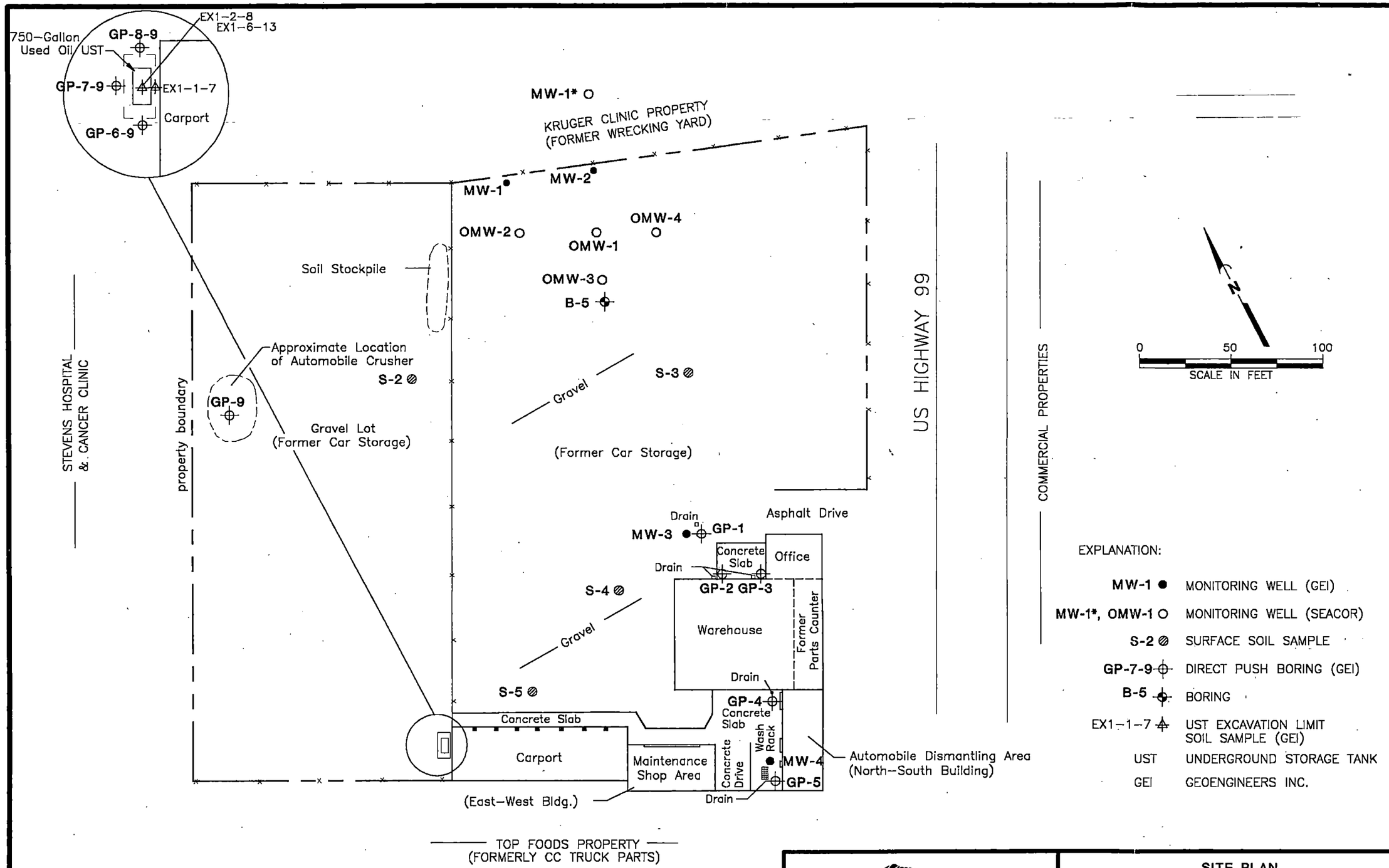
5397-007-85

Geo Engineers

VICINITY MAP

FIGURE 1

DAC:HLA



Note: The locations of all features shown are approximate.

Reference: Site drawing prepared by GeoEngineers representative.

GeoEngineers

SITE PLAN

FIGURE 2

DJB:JLD P:\5397\007\5397007E.DWG 02/10/99

APPENDIX A

FIELD PROCEDURES

APPENDIX A

FIELD PROCEDURES

GENERAL

The soil excavation and UST removal were completed by American Distributing Company of Seattle, Washington on February 2 and April 12, 1999. A rubber-tired backhoe was used to excavate soil. Figure 2 shows the approximate limits of the excavation.

A geologist from our staff was on site during excavation activities to evaluate the extent of soil contamination and advise the contractor when a clean perimeter was reached based on field screening results. Soil samples were obtained from the walls and base of the excavation.

SAMPLE COLLECTION AND HANDLING

Soil samples obtained from the walls and base of the excavation were collected directly from the excavation walls and/or the backhoe bucket by hand wearing new disposable gloves. The samples used for field screening were obtained from the central portion of the bucket using a plastic bag (see "Field Screening of Soil Samples" section below for details). The plastic bags were used for only one sample and were discarded after the sample was obtained and field screened. Samples submitted for chemical analysis were placed in jars provided by the analytical laboratory. The soil samples were placed in a cooler containing blue ice pending transport- to the analytical laboratory. Chain-of-custody procedures were followed in transporting the soil samples to the laboratory.

FIELD SCREENING OF SOIL SAMPLES

A geologist from our staff field screened soil samples obtained from the remedial excavation. Field screening results are used as a general guideline to delineate areas of possible petroleum-related contamination. In addition, screening results are used to aid in the selection of soil samples for chemical analysis. The screening methods used include (1) visual screening, and (2) water sheen screening.

Visual screening consists of inspecting the soil for stains indicative of petroleum-related contamination. Visual screening generally is more effective when contamination is related to heavy petroleum hydrocarbons such as motor oil, or when hydrocarbon concentrations are high. Water sheen screening is a more sensitive method that has been effective in detecting contamination at concentrations less than regulatory cleanup levels. However, field screening results are site-specific. The effectiveness of field screening varies with temperature, moisture content, organic content, soil type and type and age of contaminant. The presence or absence of a sheen does not necessarily indicate the presence or absence of petroleum hydrocarbons.

Water sheen screening involves placing soil in water and observing the water surface for signs of sheen. Sheen screening may detect both volatile and nonvolatile petroleum hydrocarbons. Sheen classifications are as follows:

No Sheen (NS)	No visible sheen on water surface.
Slight Sheen (SS)	Light, colorless, dull sheen; spread is irregular, not rapid; sheen dissipates rapidly. Natural organic matter in the soil may produce a slight sheen.
Moderate Sheen (MS)	Light to heavy sheen; may have some color-/-iridescence; spread is irregular to flowing, may be rapid; few remaining areas of no sheen on water surface.
Heavy Sheen (HS)	Heavy sheen with color/iridescence; spread is rapid; entire water surface may be covered with sheen.

Headspace vapor screening may identify volatile petroleum hydrocarbon compounds and involves placing a soil sample in a plastic sample bag. Air is captured in the bag and the bag is shaken to expose the soil to the air trapped in the bag. The probe of a Bacharach TLV combustible gas meter is inserted in the bag, and the TLV measures the concentration of combustible vapors present within the sample bag headspace. The TLV measures combustible vapor concentrations in ppm (parts per million) and is calibrated to hexane. The TLV is designed to quantify combustible gas concentrations up to 10,000 ppm. Based on the heavier-range petroleum compounds observed at the site, headspace vapor screening was not utilized as a field screening method.

APPENDIX B

CHEMICAL ANALYTICAL PROGRAM

APPENDIX B

CHEMICAL ANALYTICAL PROGRAM

ANALYTICAL METHODS

Chain-of-custody procedures were followed during the transfer of field samples to the on-site mobile analytical laboratory. The samples were held in cold storage pending extraction and/or analysis. The analytical results, analytical methods reference and laboratory QA/QC (quality assurance/quality control) records are included in this appendix. The analytical results are also summarized in the text of this report.

ANALYTICAL DATA REVIEW

The laboratory maintains an internal quality assurance program as documented in its laboratory quality assurance manual. The laboratory uses a combination of blanks, surrogate recoveries, duplicates, matrix spike recoveries, matrix spike duplicate recoveries, blank spike recoveries and blank spike duplicate recoveries to evaluate the validity of the analytical results. The laboratory also uses data quality goals for individual chemicals or groups of chemicals based on the long-term performance of the test methods. The data quality goals were included in the laboratory reports. The laboratory compared each group of samples with the existing data quality goals and noted any exceptions in the laboratory report. Data quality exceptions documented by the laboratory in the laboratory reports are reviewed by GeoEngineers using the applicable data validation guidelines from the following documents: "Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses" dated 1988 (EPA document number EPA540/R94/083); "USEPA Contract Laboratory Program National Function Guidelines for Organic Data Review" dated February 1994 (EPA document number EPA540/R94/012).

ANALYTICAL DATA REVIEW SUMMARY

Based on our data quality review, it is our opinion that the analytical data are of acceptable quality for their intended use in this study.

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Geo Engineers - Seattle	Project:	Steven's Health Care	Sampled: 2/2/99
600 Stewart Street, Suite 1215	Project Number:	5397-007-01	Received: 2/2/99
Seattle, WA 98101	Project Manager:	Dave Cook	Reported: 2/8/99 10:29

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
EX1-1-7	B902032-02	Soil	2/2/99
EX1-2-8	B902032-05	Soil	2/2/99

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.

North Creek Analytical, Inc.
Environmental Laboratory Network

Steve Davis, Project Manager

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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*
EX1-1-7			**B902032-02**				**Soil**	
Diesel Range Hydrocarbons	0290128	2/4/99	2/4/99		10.0	**12.6**	mg/kg dry	1
Lube Oil Range Hydrocarbons	"	"	"		25.0	**43.1**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*97.5*	*%*	
EX1-2-8			**B902032-05**				**Soil**	
Diesel Range Hydrocarbons	0290128	2/4/99	2/4/99		50.0	**554**	mg/kg dry	1
Lube Oil Range Hydrocarbons	"	"	"		125	**2270**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*78.3*	*%*	

North Creek Analytical - Bothell

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

Steve Davis, Project Manager

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Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
EX1-1-7	B902032-02	Soil	91.9	%
EX1-2-8	B902032-05	Soil	87.4	%

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Steve Davis, Project Manager

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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: 0290128	**Date Prepared: 2/4/99**					**Extraction Method: EPA 3550B**				
Blank	**0290128-BLK1**									
Diesel Range Hydrocarbons	2/4/99			**ND**	mg/kg dry	**10.0**				
Lube Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*11.1*		*9.41*	"	*50.0-150*	*84.8*			
LCS	**0290128-BS1**									
Diesel Range Hydrocarbons	2/4/99	66.7		64.7	mg/kg dry	60.0-140	97.0			
Surrogate: 2-FBP	"	*11.1*		*9.01*	"	*50.0-150*	*81.2*			
Duplicate	**0290128-DUP1**		**B902032-05**							
Diesel Range Hydrocarbons	2/4/99		554	547	mg/kg dry			50.0	**1.27**	
Lube Oil Range Hydrocarbons	"		2270	2170	"			50.0	**4.50**	
Surrogate: 2-FBP	"	*12.7*		*8.30*	"	*50.0-150*	*65.4*			

North Creek Analytical - Bothell

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

Steve Davis, Project Manager

North Creek Analytical, Inc.
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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

North Creek Analytical - Bothell

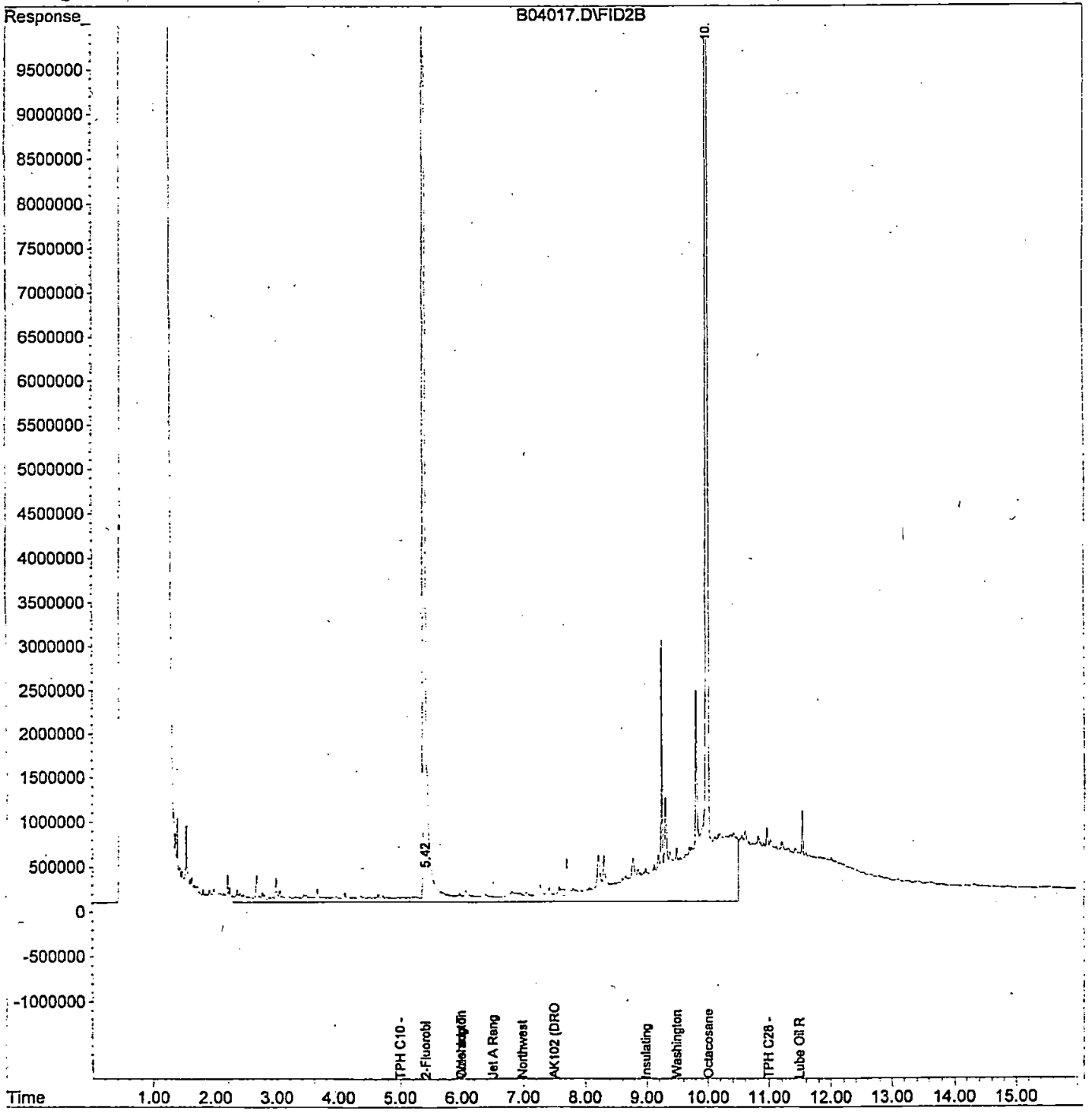
Steve Davis, Project Manager

Quantitation Report

Data File : C:\HPCHEM\4\DATA.SEC\B04017.D Vial: 12
Acq On : 2-4-99 4:54:30 PM Operator: lac
Sample : b902032-02 Inst : GC #7
Misc : 1x s Multiplr: 1.00
IntFile : SURR.E
Quant Time: Feb 4 17:36 1999 Quant Results File: TPHD2.RES

Quant Method : C:\HPCHEM\4\METHODS\TPHD2.M (Chemstation Integrator)
Title : TPH-D Rear Method
Last Update : Tue Feb 02 15:37:07 1999
Response via : Multiple Level Calibration
DataAcq Meth : TPHD.M

Volume Inj. :
Signal Phase :
Signal Info :

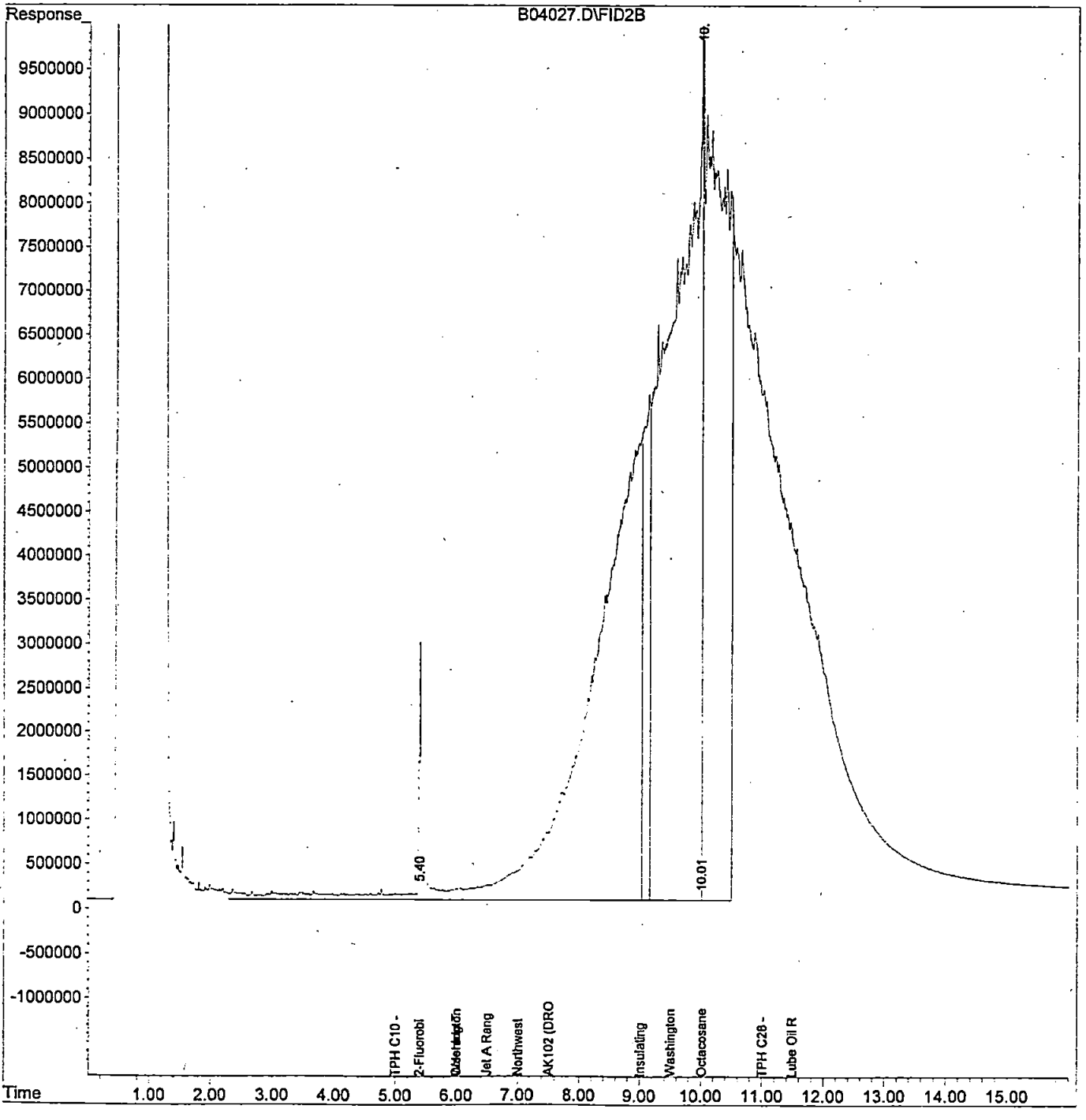


Quantitation Report

Data File : C:\HPCHEM\4\DATA.SEC\B04027.D Vial: 18
Acq On : 2-4-99 7:04:06 PM Operator: lac
Sample : b902032-05 r1 Inst : GC #7
Misc : 5x s Multiplr: 1.00
IntFile : SURR.E
Quant Time: Feb 4 19:23 1999 Quant Results File: TPHD2.RES

Quant Method : C:\HPCHEM\4\METHODS\TPHD2.M (Chemstation Integrator)
Title : TPH-D Rear Method
Last Update : Tue Feb 02 15:37:07 1999
Response via : Multiple Level Calibration
DataAcq Meth : TPHD.M

Volume Inj. :
Signal Phase :
Signal Info :



NORTH CREEK ANALYTICAL
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18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508 (425) 420-9200 FAX 420-9210
East 11115 Montgomery, Suite B, Spokane, WA 99206-4779 (509) 924-9200 FAX 924-9290
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210

CHAIN OF CUSTODY REPORT

Work Order # B902032

REPORT TO: GEO ENGINEERS
ATTENTION: DAVE COOK / SEATTLE OFFICE
ADDRESS: 8410 154th AVE NE
REDMOND WA 98052
PHONE: (425) 861-6000 FAX: (425) 861-6050
PROJECT NAME: STEVENS HEALTHCARE
PROJECT NUMBER: 5397-007-01
SAMPLED BY: DB BAUMGARTEN

INVOICE TO:
ATTENTION:
ADDRESS: SAME
P.O. NUMBER: NCA QUOTE #:

TURNAROUND REQUEST in Business Days *

Organic & Inorganic Analyses: [10] Standard | 7 | 5 | 4 | 3 | 2 | 1 | Same Day

Fuels & Hydrocarbon Analyses: ~~5~~ 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)	Analysis Request: NWTPH-Dx	MATRIX (W, S, A, O)	# OF CONTAINERS	COMMENTS
1.	EX1-3-7 1030	02/03/99	B902032-01		S	1	HOLD
2.	EX1-1-7 1040		-02	X	S	1	
3.	EX1-3-7 1045		-03		S	1	HOLD
4.	EX1-4-7 1050		-04		S	1	HOLD
5.	EX1-2-8 1065		-05	X	S	1	
6.							
7.							
8.							
9.							
10.							

DOB

RELINQUISHED BY (Signature): DATE: 2/2/99
PRINT NAME: P BAUMGARTEN FIRM: GEI TIME: 1180

RECEIVED BY (Signature): DATE: 2/2/99
PRINT NAME: FIRM: NCA TIME: 1150

RELINQUISHED BY (Signature): DATE:
PRINT NAME: FIRM: TIME:

RECEIVED BY (Signature): DATE:
PRINT NAME: FIRM: TIME:

ADDITIONAL REMARKS:

PAGE 1 OF 1

APPENDIX C

ECOLOGY'S UST SITE CHECK/SITE ASSESSMENT CHECKLIST
ECOLOGY'S UST CLOSURE AND SITE ASSESSMENT NOTICE

CHECKLIST

Each item of the following checklist shall be initialed by the person registered with the Department of Ecology whose signature appears below.

		YES	NO
1.	The location of the UST site is shown on the vicinity map.	X	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in the Site Assessment Guidance)	X	
3.	A summary of UST system data is provided. (see Section 3.1)	N/A	
4.	The soils characteristics at the UST site are described. (see Section 5.2)	X	
5.	Is there apparent groundwater in the tank excavation?		X
6.	A brief description of the surrounding land is provided. (see Section 3.1)	X	
7.	Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	X	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	X	
	- groundwater samples distinguished from soil samples (if applicable)	N/A	
	- samples collected from stockpiled excavated soil	N/A	
	- tank and piping locations and limits of excavation pit	X	
	- adjacent structures and streets	X	
	- approximate locations of any on-site and nearby utilities		
9.	If sampling procedures different from those specified in the guidance were used, has justification for using these alternative sampling procedures been provided? (see Section 3.4)		
10.	A table is provided showing laboratory results for each sample collected including: sample ID number, constituents analyzed for and corresponding concentration, analytical method and detection limit for that method.	X	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	X	
12.	*The results of this site check/site assessment indicate that a confirmed release of regulated substance has occured.*		

SITE ASSESSOR INFORMATION

DAVID J BAUMGARTEN
PERSON REGISTERED WITH ECOLOGY

GEOENGINEERS
FIRM AFFILIATED WITH

BUSINESS ADDRESS: 8410 154th AVE NE

TELEPHONE: (425) 861-6000

REDMOND — CITY
WA — STATE
98052 — ZIP+CODE

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173-360 WAC.

2/2/99
Date

Signature of Person Registered with Ecology

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

WASHINGTON STATE DEPARTMENT OF ECOLOGY

For Office Use Only	
Owner #	
Site #	

INSTRUCTIONS:

When a release has **not** been confirmed and reported, this Site Check/Site Assessment Checklist must be completed and signed by a person registered with the Department of Ecology. **The results of the site check or site assessment must be included with this checklist.** This form must be submitted to Ecology at the address shown below within 30 days after completion of the site check/site assessment.

SITE INFORMATION: Include the Ecology site ID number if the tanks are registered with Ecology. This number may be found on the tank owner's invoice or tank permit.

TANK INFORMATION: Please list all the tanks for which the site check and site assessment is being conducted. Use the tank ID number if available, and indicate tank capacity and substance stored.

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT: Please check the appropriate item.

CHECKLIST: Please initial each item in the appropriate box.

SITE ASSESSOR INFORMATION: This form must be signed by the registered site assessor who is responsible for conducting the site check/ site assessment.

Underground Storage Tank Section
Department of Ecology
P. O. Box 47655
Olympia, WA 98504-7655

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): NA

Site/Business Name: STEVENS HEALTHCARE - GREG ANDREWS

Site Address: 21700 HIGHWAY 99 (Street) Telephone: (425) 640.4211

EDMONDS (City) WA (State) 98026 (ZIP-Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
	750-GALLON	WASTE OIL

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

- ____ Investigate suspected release due to on-site environmental contamination.
- ____ Investigate suspected release due to off-site environmental contamination.
- ____ Extend temporary closure of UST system for more than 12 months.
- ____ UST system undergoing change-in-service.
- ____ UST system permanently closed-in-place.
- X UST system permanently closed with tank removed.
- ____ Abandoned tank containing product.
- ____ Required by Ecology or delegated agency for UST system closed before 12/22/88.
- ____ Other (describe): ____

ECOLOGY

UNDERGROUND STORAGE TANK
Closure and Site Assessment Notice

See back of form for instructions

FOR OFFICE USE ONLY
Site ID #:
Owner ID #:

Please ✓ the appropriate box(es)
☐ Temporary Tank Closure ☐ Change-In-Service ☒ Permanent Tank Closure ☐ Site Check/Site Assessment

Site Information

Site ID Number NA
(Available from Ecology if the tanks are registered)
Site/Business Name Stevens Healthcare
Site Address 21 Street
City/State Edmonds, WA
Zip Code 98026 Telephone (425) 640-4211

Owner Information
(This form will be returned to this address)

UST Owner/Operator Stevens Healthcare
Mailing Address 21601 76th Avenue West Street
P.O. Box
City/State Edmonds, WA
Zip Code 98026 Telephone (425) 640-4211

Owner's Signature

Tank Closure/Change-In-Service Company

Service Company American Distributing
Certified Supervisor Mark McClellan Decommissioning Certification No. IFCI # 91331
Supervisor's Signature
Address 3809 Broadway Street P.O. Box
City Everett State WA Zip Code 98201-5031 Telephone (425) 252-2126

Site Check/Site Assessor

Certified Site Assessor GeoEngineers Inc. Dave Cook
Address Street 600 Stewart St. Ste 1215 P.O. Box
City Seattle State WA Zip Code 98101 Telephone (206) 728.2674

Tank Information

Tank ID	Closure Date	Closure Method	Tank Capacity	Substance Stored
NA	2/2/99	Removal	750-gal	Waste Oil

Contamination Present at the Time of Closure

☒ Yes ☐ No ☐ Unknown
Check unknown if no obvious contamination was observed and sample results have not yet been received from analytical lab.

☒ Yes ☐ No
If contamination is present, has the release been reported to the appropriate regional office? By submittal of attached report. Cleanup has been completed.

To receive this document in an alternative format, contact the TOXICS CLEANUP PROGRAM at 1-800-826-7716 (voice) OR (360) 407-6006 (TDD).

ECY 020-94 (Rev. 6/95)

APPENDIX D

SOIL LOAD RECEIPTS

5597-007-02

Soil Master (c)

TPS Technologies, Inc.

Customer Job Report

Gross & Tare Weight Codes: M=Manual; S=Scale; T=Trk File

Job Number Name	SiteAddress	SiteCity	State	ZipCode
A03 -- 02270 FORMER CROSS PROPERTY	21700 HIGHWAY 99	EDMONDS	WA	00000

Load #	Date & Time Out	Transporter #	Truck & Trailer Number	Gross (lb)	Tare (lb)	Net (lb)	Net Wt (tons)
1	04/12/99 10:51	1003608	MATT	98,100M	43,180M	54,920	27.46
0	04/29/99 11:37	1003608		0	0	0	0.00

Completed Loads	Manifests Received	Completed Weight	Estimated Weight	TOTAL Net Wt:
200.00%	2	183.10%	30.00 (tons)	27.46 (tons)

Post-it® Fax Note 7671 | Date | # of pages ▶ 4

To BRIAN P. | From RENEE A.

Co./Dept. GeoEngineers | Co. TPS Tech.

Phone # | Phone # 253/584-8430

Fax # 206/728-2732 | Fax #