Underground Storage Tank Decommissioning & Soil Remediation Project

2119 Mildred Street West
Fircrest, Washington

May 24, 2002

Prepared for:

Robert and Ethel Freeman Family LLC
3512 SW 310th Ct.
Federal Way WA 98023

Prepared by:

Sound Environmental Strategies, Corp.
12351 Lake City Way, Suite 102
Seattle, Washington 98125

SOUND ENVIRONMENTAL STRATEGIES

Table of Contents

APPENDICES

1.0 INTRODUCTION

1.1 DOCUMENT PURPOSE

Sound Environmental Strategies, Corp. (SES) has prepared this underground storage tank (UST) assessment report on behalf of Ms. Janet Freeman-Daily, property manager of the property located at 2119 Mildred Street, Fircrest, Washington (Site). The property owner is Robert & Ethel Freeman Family, LLCI. SES was hired by the property owner to decommission by removal 1 – 80 gallon kerosene UST. During the UST decommissioning activities a second 80 gallon UST was identified adjacent to the first UST. Mrs. Freeman-Daily was contacted and had no knowledge of the second UST. This report documents the field observations and the results of the decommissioning activities

Tank closure and site assessment activities were completed in accordance with the following documents published by the Washington State Department of Ecology (Ecology):

Guidance for Site Checks and Site Assessments for Underground Storage Tanks (Ecology, February 1991);

Guidance for Remediation of Releases from Underground Storage Tanks (Ecology, July, 1991); and,

The Model Toxics Control Act Cleanup Regulation, Chapter 173-340 WAC (Ecology, February 2001).

1.2 SITE LOCATION AND DESCRIPTION

The subject property, 2119 Mildred Street, is located in a light industrial and commercial area of Fircrest Washington near the intersection of Mildred Street and Regents Blvd. The site is 9.5 acres in size and is occupied by one main building and one painting / storage building. The property Parcel Number is 0220112005.

2.0 PRE-EXCAVATION ACTIVITIES

2.1 ANTICIPATED SITE CONDITIONS

The site has been historically used as a manufacturing facility and warehouse space for light industrial activities. The area where the USTs were located is along the western side of the building set near an air intake HVAC system (Figure 2). Both USTs were located six to eight inches below ground surface (bgs) in a landscaped area adjacent to the building. The USTs were used to supply kerosene in a circulating system for parts cleaning and had been installed in the late 1960's to early 1970's. No known releases from the USTs had reportedly occurred.

2.2 HEALTH AND SAFETY

A site-specific Health and Safety Plan (HASP) was prepared in accordance with Chapter 296-62 of the Washington Administrative Code (WAC) and 29 CFR 1910.120 (Code of Federal Regulations). The HASP identified potential physical and chemical hazards and specified personal protection and safety monitoring requirements. Site health and safety meetings were conducted during fieldwork at the beginning of each workday to review aspects of the HASP, and to provide an opportunity for SES site workers and contractor personnel to discuss health and safety issues or concerns. On-site SES personnel associated with the field activities were required to be familiar with and comply with provisions put forth in the HASP. Subcontractors on-site were required to have their own HASP that identified potential physical and chemical hazards associated with their own work activities.

During intrusive field activities, the on-site SES site manager performed air monitoring using an organic vapor monitor/photoionization detector (Mini Ray 5 Gas Analyzer [PID]). The PID was properly calibrated to 100 parts per million (ppm) isobutylene daily. Organic vapors were not observed in the breathing zone, the excavation or in soil sample headspace above normal background levels, as described in the HASP, during remedial activities at the Site. No other incidences, releases, or worker injuries were recorded during the project.

2.3 UTILITY LOCATION

Prior to implementing site activities public underground utilities alert network was notified of intrusive activities. The service contacted appropriate agencies or companies with underground utilities in the area. These agencies then marked the location of their utilities along the right-of-ways and easements of the property.

3.0 UST CLOSURE

An UST Closure permit was obtained from the City of Fircrest prior to conducting the decommissioning activities. The UST sizes were below the Department of Ecology (WAC 173-360-110) and Tacoma Pierce County Health Department (TPCHD) notification requirements. The USTs were in fact old water heaters converted for use as kerosene storage tanks.

The USTs were excavated using a case 580 backhoe. Following the removal of the USTs from the excavation, each UST was inspected and showed no obvious sign of leakage or corrosion (Photograph 3). According to the former business owner, Michael Freeman, the USTs were installed in the late 1960's to early 1970's. Both USTs were steel, double-walled water heaters. Piping from each of the USTs ran through the concrete piping housing (Photograph 8) and into the adjacent building. The piping inside the building was reportedly previously cut and drained. The re-circulating system was decommissioned by the business owner prior to the UST decommissioning event. The USTs measured four feet in length and two feet in diameter. A total of seven gallons of kerosene was recovered and disposed of at a local recycling facility

during the decommissioning activities. The USTs were then transported to Rivers Edge Services to be cut up for disposal (disposal receipt attached - Appendix B).

During the excavation of the USTs, several soil field-screening techniques failed to detect any obvious indication of hydrocarbon contamination in the excavation area. Field screening methods included:

- Olfactory Observations
- Visual Observations
- Photoionization Detector (PID)
- Sheen Test

4.0 EXCAVATION, REMEDIATION AND SOIL SAMPLING ACTIVITIES

4.1 EXCAVATION & REMEDIATION ACTIVITIES

Following the removal of the USTs, soil samples were collected from each sidewall and below each UST along the excavation floor. In addition, a sample was obtained from the bottom of the piping housing (Table1, Figure 1). Each soil sample was collected in accordance with WAC 173-360 Washington State UST Site Assessment Requirements. The samples were analyzed by Environmental Services Network (ESN). All soil samples collected from the UST excavation were analyzed for kerosene using diesel extended range hydrocarbons analysis (NWTPH-Dx). Select samples (S2, S3, S5, S6 & S7) were also analyzed for volatile organic compounds. Based on laboratory chromatogram results, one sample (S9-3.0') was also analyzed for gasoline-range hydrocarbons. ESN laboratory chemist reported that while analyzing sample S9-3.0' for diesel range hydrocarbons, he detected an *"intermediate range petroleum hydrocarbon"* and suggested that additional petroleum hydrocarbon analyses be conducted. All sample analytical results were reported below Washington Department of Ecology (Ecology) MTCA Method A Soil Cleanup Levels for Unrestricted Land Uses.

As a precautionary measure and at the direction of the client, SES conducted additional excavation at the site to address the "intermediate-range petroleum hydrocarbon" reported by the laboratory. SES removed by excavation 6.7 tons of soil from the western excavation side wall that reportedly contained intermediate petroleum range hydrocarbons. The purpose of this excavation activity was to remove from the site any soil affected by petroleum hydrocarbons regardless of the reported concentrations. The excavation was guided by field parameters, including:

- Olfactory Observations
- Visual Observations
- Field Analytical Observations
    - Photoionization Detector (PID)
    - Sheen Test
    - Shaker Test

The excavated 6.7 tons (approximately 4 cubic yards) of affected soil was directly loaded into a dump truck and transported to Waste Managements, Olympic View disposal facility (Disposal receipt attached - Appendix B).

4.2 CONFIRMATION SAMPLING

Following the supplemental excavation activities, confirmation soil sampling was completed along the perimeter and the bottom of the UST excavation and over excavation (Figure 2). Soil samples were analyzed for Total Petroleum Hydrocarbons - Hydrocarbon Identification (TPH-HCID). Additional soil samples were also colleted from the original perimeter of the UST excavation and also analyzed for TPH-HCID. No indications of contamination were observed in any of the field screening activities completed during the confirmation soil sampling activity. Laboratory results for the twelve soil samples analyzed for TPH-HCID were reported below quantifiable analytical detection limits (Table 1).

4.3 SITE RESTORATION

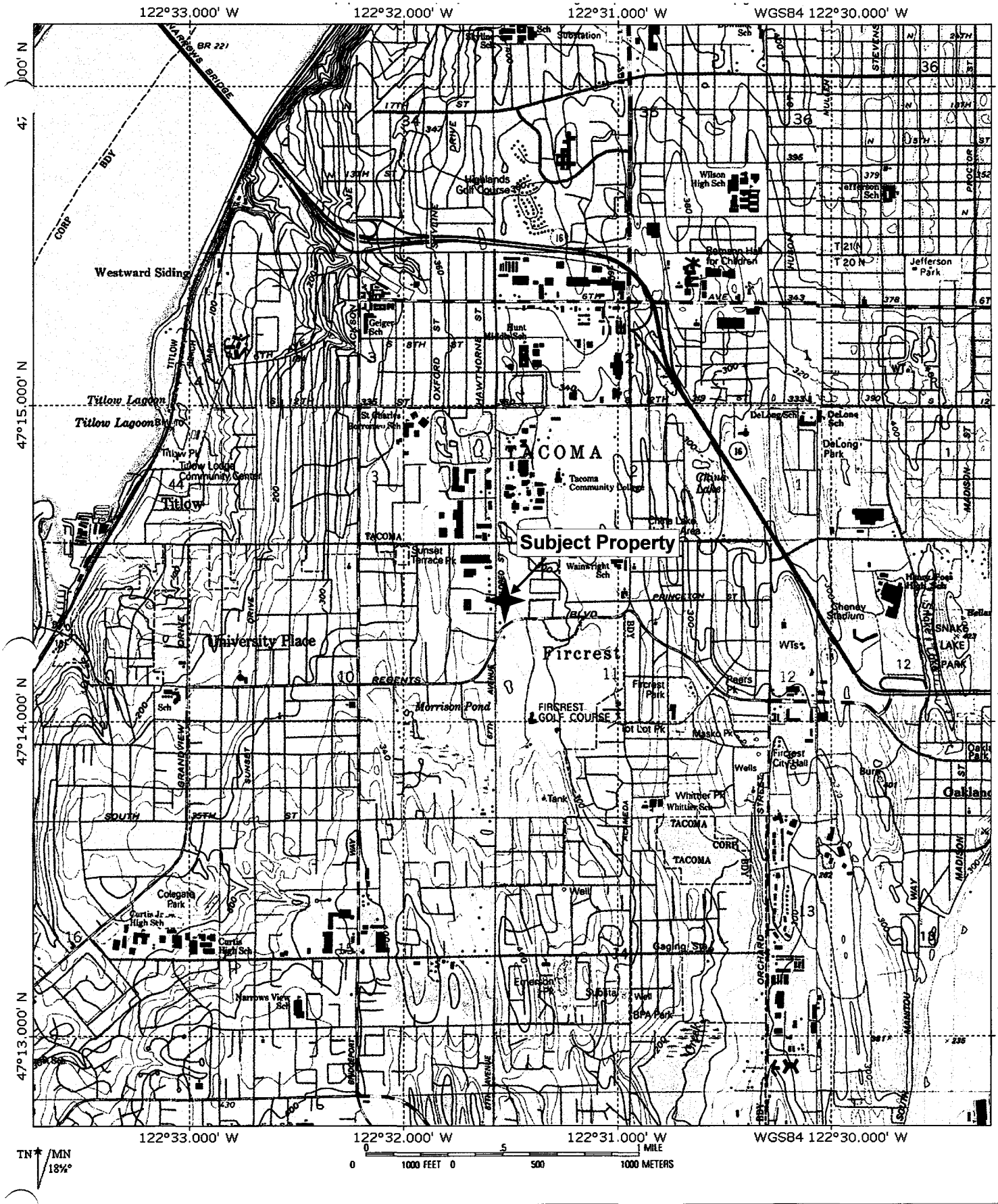
The excavation was backfilled with imported soil from Port Orchard Sand & Gravel following confirmation sampling. Bark dust removed during the excavation process was replaced over the excavation area.

5.0 SUMMARY

Both USTs were effectively decommissioned and disposed. Affected soil identified through analysis completed by a state licensed laboratory of containing intermediate petroleum range hydrocarbons was effectively removed through over excavation and disposed of at a state licensed disposal facility. Confirmation soil samples colleted from the excavation side walls and excavation floor were analyzed at a state licensed laboratory for contaminants of concern. Results of conformational samples were reported below the MTCA Method A Soil Cleanup Levels for Unrestricted Land Use. Further, laboratory results reported no confirmation samples analyzed exceeded laboratory detection limits. No groundwater was observed during excavation activities. No further work is recommended.

6.0 LIMITATIONS

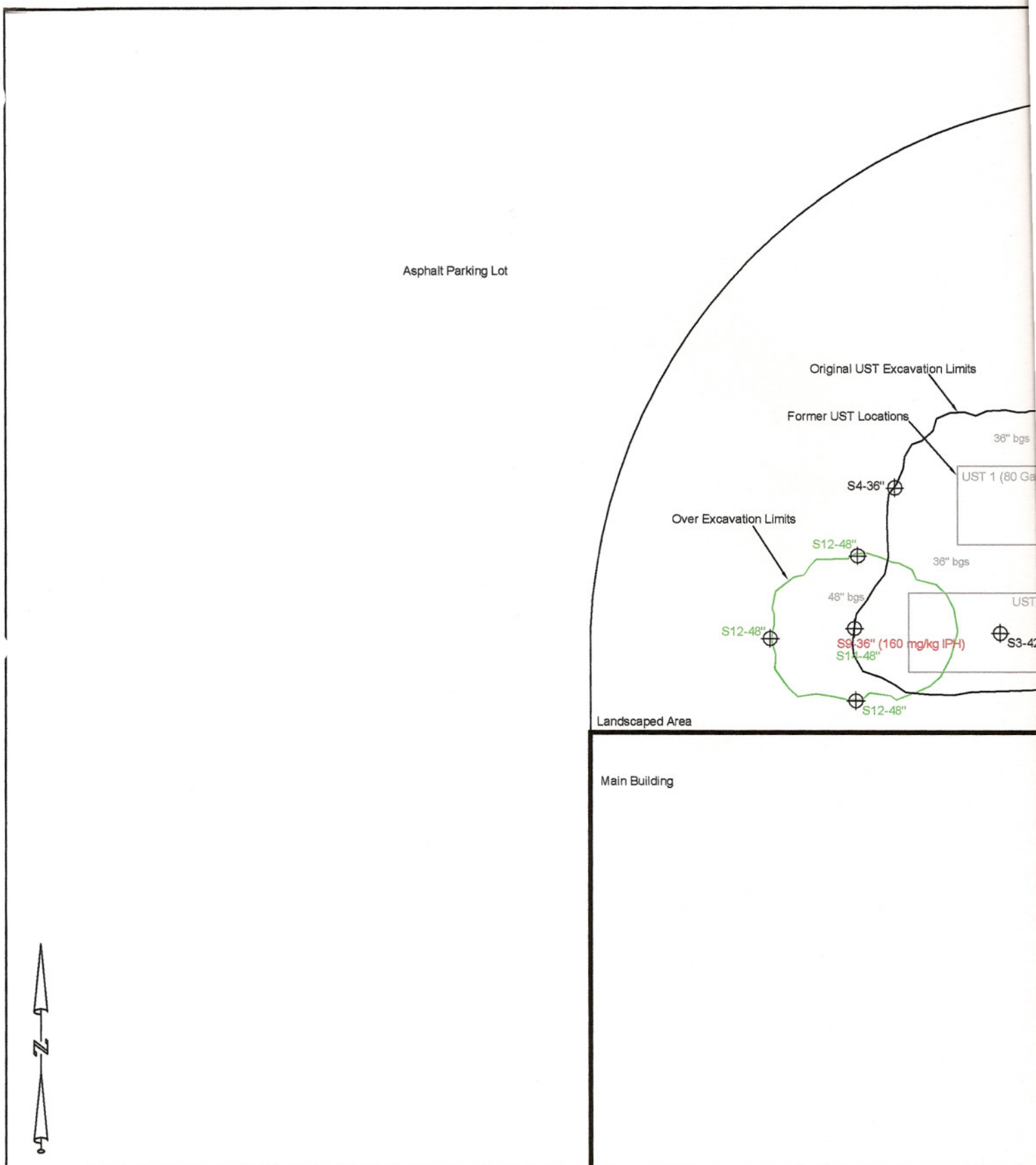
SES services performed for this project, including this report, were conducted in accordance with generally accepted professional practices ordinarily exercised by other members of the environmental consulting profession, for the nature and conditions of the work completed in the same or similar localities, at the time the work was performed. These services were conducted subject to project-specific time limits and financial, physical and any other constraints applicable to this project. It is intended for the use of the client, for specific application to the referenced property. This report is not meant to represent a legal opinion. No other warranty, express or implied, is made.



SOUND ENVIRONMENTAL STRATEGIES

Site Location Map
Robert & Ethyl Freeman Family, LLC
UST Decommissioning Project
2119 Mildred Street West
Fircrest, Washington

SES Project No.:	331-1
Date:	May 24, 2002
Drawn By:	SSpencer
Chk By:	Sspencer
File ID:	331-1 Site Location Map

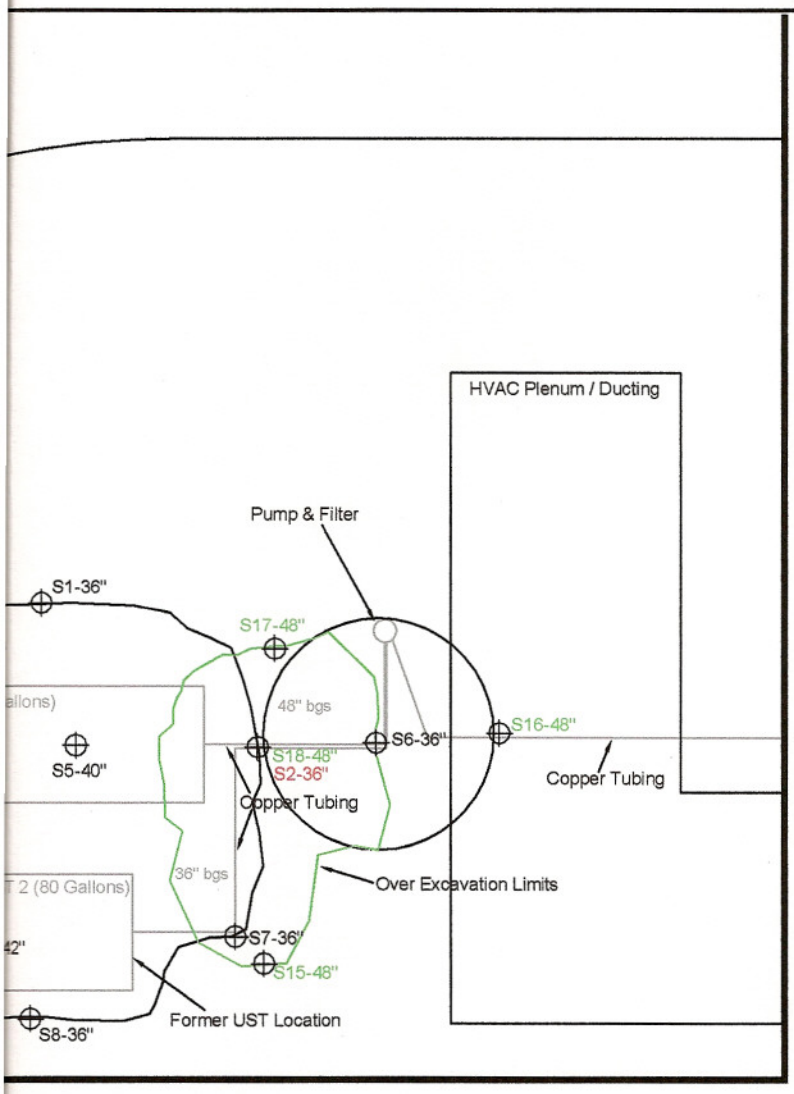


SOUND ENVIRONMENTAL STRATEGIES

FIGURE 2

SOIL SAMPLE LOCATION MAP

PROJECT NAME:	MILD
LOCATION:	2119 FIRC
SES PROJECT NUMBER:	331-1



Legend

———	UST EXCAVATION LIMITS
———	OVER EXCAVATION LIMITS
⊕ ⊕	SUBSURFACE SOIL SAMPLE LOCATION
⊕	CONTAMINATED SOIL SAMPLE LOCATION
S9-3.0'	SOIL SAMPLE IDENTIFICATION NUMBER AND DEPTH
36" bgs	EXCAVATION VERTICAL LIMIT

LDRED STREET PROJECT
19 MILDRED STREET
RCREST, WASHINGTON
1-1

2.5' 1.25' 0 2.5'

APPROXIMATE SCALE IN FEET

Date: 05-24-02
Drawn By: SSpencer
Checked By: SSpencer
File ID: 331-1 Soil Sample Location Map

Photograph 1

UST Location - Facing southeast

Photograph 2

UST 1 during excavation - View to southwest

Photograph 3

UST 1 during removal

Photograph 4

UST 2 observed during soil sampling activities - View to south

Photograph 5

UST 2 during removal

Photograph 6

USTs1 & 2 following removal from excavation

SOUND ENVIRONMENTAL STRATEGIES

Robert & Ethyl Freeman Family, LLC
UST Decommissioning Project
2119 Mildred Street West
Fircrest, Washington

SES Project No.:	331-1
Date:	May 24, 2002
Drawn By:	SSpencer
Chk By:	Sspencer
File ID:	331-1 Project Photos

Photograph 7

UST Excavation - View to south

Photograph 8

Piping system located inside concrete housing

Photograph 9

Removal of piping system housing

Photograph 10

Piping system location following removal - View to east

Photograph 11

UST excavation area during site restoration - View to southeast

Photograph 12

UST excavation area following site restoration

SOUND ENVIRONMENTAL STRATEGIES

Robert & Ethyl Freeman Family, LLC
UST Decommissioning Project
2119 Mildred Street West
Fircrest, Washington

SES Project No.:	331-1
Date:	May 24, 2002
Drawn By:	SSpencer
Chk By:	Sspencer
File ID:	331-1 Project Photos

Table 1 Petroleum Hydrocarbon Analyses

UST Decommissioning & Soil Remediation Project
2119 Mildred Street West
Fircrest, Washington

SOUND ENVIRONMENTAL STRATEGIES

 May 24, 2002

Sample ID	Sample Location	Depth BGS	Sample Date	EPA Test Method								
				TPH-HCID				8260	NWTPH-G	NWTPH-Dx		
				Gasoline	Diesel	Oil	Mineral Oil	Volitale Organic Compounds	Gasoline	Diesel	Oil	Mineral Oil
				mg/kg								
S1-3.0'	North Sidewall	3.0'	4/5/2002	NA	NA	NA	NA	NA	NA	<20	<40	<40
S2-3.0'	East Sidewall - North	3.0'	4/5/2002	NA	NA	NA	NA	ND	NA	1700	<40	<40
S3-3.5'	UST 2 Floor	3.5'	4/5/2002	NA	NA	NA	NA	ND	NA	<20	<40	<40
S4-3.0'	West Sidewall - North	3.0'	4/5/2002	NA	NA	NA	NA	NA	NA	<20	<40	<40
S5-3.5'	UST 1 Floor	3.5'	4/5/2002	NA	NA	NA	NA	ND	NA	25	<40	<40
S6-3.5'	Pipe Housing Floor	3.5'	4/5/2002	NA	NA	NA	NA	ND	NA	<20	<40	<40
S7-3.0'	East Sidewall - South	3.0'	4/5/2002	NA	NA	NA	NA	ND	NA	440	<40	<40
S8-3.0'	South Sidewall	3.0'	4/5/2002	NA	NA	NA	NA	NA	NA	<20	<40	<40
S9-3.0'	West Sidewall - South	3.0'	4/5/2002	NA	NA	NA	NA	NA	160	<20	<40	<40
S1A-3.0'	North Sidewall	3.0'	5/23/2002	<20	<50	<100	<100	NA	NA	<20	<40	<40
S3A-3.5'	UST 2 Floor	3.5'	5/23/2002	<20	<50	<100	<100	NA	NA	<20	<40	<40
S5A-3.5'	UST 1 Floor	3.5'	5/23/2002	<20	<50	<100	<100	NA	NA	<20	<40	<40
S8A-3.0'	South Sidewall	3.0'	5/23/2002	<20	<50	<100	<100	NA	NA	<20	<40	<40
S11-4.0'	West Sidewall - 2nd Exe.	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
S12-4.0'	North Sidewall - Over Exe.	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
MTCA Method A Soil Cleanup Levels For Unrestricted Land Use:				100	2000	2000	2000	Listed	100	2000	2000	2000

Note:

MTCA Method A Cleanup Levels derived from Washington State Administrative Code Chapter 173-340,State of Washington Model Toxic Control Act (MTCA) Regulations as amended February 12, 2001 (Table 740-1, p.233).
BOLD/RED = analyte above MTCA Method A Cleanup Criteria
mg/kg = milligrams per kilogram
NA = not analyzed

Table 1 Petroleum Hydrocarbon Analyses

UST Decommissioning & Soil Remediation Project
2119 Mildred Street West
Fircrest, Washington

SOUND ENVIRONMENTAL STRATEGIES

 May 24, 2002

Sample ID	Sample Location	Depth BGS	Sample Date	EPA Test Method								
				TPH-HCID				8260	NWTPH-G	NWTPH-Dx		
				Gasoline	Diesel	Oil	Mineral Oil	Volitale Organic Compounds	Gasoline	Diesel	Oil	Mineral Oil
				mg/kg								
S13-4.0'	South Sidewall - Over Exe.	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
S14-4.0'	Floor - Over Exe.	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
S15-4.0'	Pipe Housing Sidewall South	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
S16-4.0'	Pipe Housing Sidewall East	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
S17-4.0'	Pipe Housing Sidewall North	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
S18-4.0'	Pipe Housing Sidewall Floor	4.0'	5/23/2002	<20	<50	<100	<100	NA	NA	NA	NA	NA
MTCA Method A Soil Cleanup Levels For Unrestricted Land Uses:				100	2000	2000	2000	Listed	100	2000	2000	2000

Note:

MTCA Method A Cleanup Levels derived from Washington State Administrative Code Chapter 173-340,State of Washington Model Toxic Control Act (MTCA) Regulations as amended February 12, 2001 (Table 740-1, p.233).
BOLD/RED = analyte above MTCA Method A Cleanup Criteria
mg/kg = milligrams per kilogram
NA = not analyzed

ESN NORTHWEST
Environmental
Services Network

FILE COPY

April 23, 2002

Steve Spencer
Sound Environmental Strategies
12351 Lake City Way NE, Suite 102
Seattle, WA 98125

Dear Mr. Spencer:

Please find enclosed the analytical data report for the Freeman Project in Washington. Soil samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Gasoline by NWTPH-Gx, BTEX by Method 8021B, and VOC's by Method 8260 on March 8 – 17, 2002.

The results of these analyses are summarized in the attached tables. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to Sound Environmental Strategies for this project. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Vice President

677 Woodland Square Lp. SE, Suite D. ■ Lacey, Washington 98503 ■ 360.459.4670 ■ FAX 360.459.3432
Web Site: *www.ESN-USA.com* E-Mail: *esnnw@aol.com*

ESN NORTHWEST CHEMISTRY LABORATORY

FREEMAN PROJECT
Washington
Sound Environmental Strategies
Client Project #FREEMAN

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	4/8/02	107	nd	nd	nd
Method Blank	4/9/02	97	nd	nd	nd
S2-3.0'	4/8/02	int	*1700	nd	nd
S3-3.5'	4/8/02	93	nd	nd	nd
S5-3.5'	4/8/02	95	*25	nd	nd
S6-3.5'	4/8/02	86	nd	nd	nd
S7-3.0'	4/9/02	104	*440	nd	nd
Method Detection Limits			20	40	40

"*" Indicates Diesel range hydrocarbons.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Dean Phillips

ESN NORTHWEST CHEMISTRY LABORATORY

FREEMAN PROJECT
Washington
SES

Analyses of Diesel & Oil (NWTPH-Dx/Dx Extended) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Diesel (mg/kg)	Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	4/17/02	106	nd	nd	nd
S1-3.0	4/17/02	88	nd	nd	nd
S1-3.0 Dup.	4/17/02	80	nd	nd	nd
S4-3.0	4/17/02	79	nd	nd	nd
S8-3.0	4/17/02	88	nd	nd	nd
S9-3.0	4/17/02	87	nd	nd	nd
Method Detection Limits			20	40	40

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Tim McCall

ESN NORTHWEST CHEMISTRY LABORATORY

FREEMAN PROJECT
Washington
SES

Analyses of Gasoline (NWTPH-Gx) & BTEX (EPA Method 8021B) in Soil

Sample Number	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline (mg/kg)	IPH (mg/kg)	Surrogate Recovery (%)
Method Blank	4/17/02	nd	nd	nd	nd	nd	nd	103
S9-3.0	4/17/02	nd	nd	nd	nd	nd	160	77
S9-3.0 Dup.	4/17/02	nd	nd	nd	nd	nd	140	72
Method Detection Limits		0.02	0.05	0.05	0.05	10	10	

"IPH" Indicates intermediate petroleum hydrocarbons.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Chlorobenzene): 65% TO 135%

ANALYSES PERFORMED BY: Tim McCall

ESN SEATTLE CHEMISTRY LABORATORY
(425) 957-9872, fax (425) 957-9904

ESN Job Number: S20408-1
Client: SES
Client Job Name: FREEMAN
Client Job Number: FREEMAN

Analytical Results

8260, µg/kg		MTH BLK	LCS	S2-3.0	MS S2-3.0	MSD S2-3.0	RPD S2-3.0	S3-3.5	S5-3.5
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02
Date analyzed	Limits	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02
Dichlorodifluoromethane	50	nd		nd				nd	nd
Chloromethane	50	nd		nd				nd	nd
Vinyl chloride	50	nd		nd				nd	nd
Bromomethane	50	nd		nd				nd	nd
Chloroethane	50	nd		nd				nd	nd
Trichlorofluoromethane	50	nd		nd				nd	nd
1,1-Dichloroethene	50	nd		nd				nd	nd
Methylene chloride	20	nd		nd				nd	nd
trans-1,2-Dichloroethene	50	nd		nd				nd	nd
1,1-Dichloroethane	50	nd		nd				nd	nd
cis-1,2-Dichloroethene	50	nd		nd				nd	nd
2,2-Dichloropropane	50	nd		nd				nd	nd
Chloroform	50	nd		nd				nd	nd
Bromochloromethane	50	nd		nd				nd	nd
1,1,1-Trichloroethane	50	nd		nd				nd	nd
1,2-Dichloroethane	50	nd		nd				nd	nd
1,1-Dichloropropene	50	nd		nd				nd	nd
Carbon tetrachloride	50	nd		nd				nd	nd
Benzene	20	nd	100%	nd	93%	95%	3%	nd	nd
Trichloroethene	20	nd	88%	nd	91%	95%	3%	nd	nd
1,2-Dichloropropane	50	nd		nd				nd	nd
Dibromomethane	50	nd		nd				nd	nd
Bromodichloromethane	50	nd		nd				nd	nd
cis-1,3-Dichloropropene	50	nd		nd				nd	nd
Toluene	50	nd	118%	nd	108%	112%	4%	nd	nd
trans-1,3-Dichloropropene	50	nd		nd				nd	nd
1,1,2-Trichloroethane	50	nd		nd				nd	nd
1,3-Dichloropropane	50	nd		nd				nd	nd
Dibromochloromethane	50	nd		nd				nd	nd
Tetrachloroethene	20	nd		nd				nd	nd
1,2-Dibromoethane (EDB)(*)	5	nd		nd				nd	nd
Chlorobenzene	50	nd	115%	nd	110%	113%	3%	nd	nd
1,1,1,2-Tetrachloroethane	50	nd		nd				nd	nd
Ethylbenzene	50	nd		nd				nd	nd
Xylenes	50	nd		nd				nd	nd
Styrene	50	nd		nd				nd	nd
Bromoform	50	nd		nd				nd	nd
1,1,2,2-Tetrachloroethane	50	nd		nd				nd	nd
Isopropylbenzene	50	nd		nd				nd	nd
1,2,3-Trichloropropane	50	nd		nd				nd	nd
Bromobenzene	50	nd		nd				nd	nd
n-Propylbenzene	50	nd		nd				nd	nd
2-Chlorotoluene	50	nd		nd				nd	nd
4-Chlorotoluene	50	nd		nd				nd	nd
1,3,5-Trimethylbenzene	50	nd		nd				nd	nd
tert-Butylbenzene	50	nd		nd				nd	nd
1,2,4-Trimethylbenzene	50	nd		nd				nd	nd
sec-Butylbenzene	50	nd		nd				nd	nd
1,3-Dichlorobenzene	50	nd		nd				nd	nd
1,4-Dichlorobenzene	50	nd		nd				nd	nd
Isopropyltoluene	50	nd		nd				nd	nd
1,2-Dichlorobenzene	50	nd		nd				nd	nd
n-Butylbenzene	50	nd		nd				nd	nd
1,2-Dibromo-3-Chloropropane	50	nd		nd				nd	nd
1,2,4-Trichlorobenzene	50	nd		nd				nd	nd
Naphthalene	50	nd		nd				nd	nd
Hexachloro-1,3-butadiene	50	nd		nd				nd	nd
1,2,3-Trichlorobenzene	50	nd		nd				nd	nd

*-instrument detection limits

ESN SEATTLE CHEMISTRY LABORATORY
(425) 957-9872, fax (425) 957-9904

ESN Job Number: S20408-1
Client: SES
Client Job Name: FREEMAN
Client Job Number: FREEMAN

Analytical Results

8260, µg/kg		MTH BLK	LCS	S2-3.0	S2-3.0 MS	S2-3.0 MSD	S2-3.0 RPD	S3-3.5	S5-3.5
Matrix	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Date extracted	Reporting	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02
Date analyzed	Limits	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02	04/08/02
Surrogate recoveries									
Dibromofluoromethane		88%	87%	87%	88%	90%		86%	86%
Toluene-d8		97%	95%	102%	96%	99%		97%	96%
4-Bromofluorobenzene		110%	116%	115%	111%	116%		111%	107%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

ESN SEATTLE CHEMISTRY LABORATORY
(425) 957-9872, fax (425) 957-9904

ESN Job Number:	S20408-1
Client:	SES
Client Job Name:	FREEMAN
Client Job Number:	FREEMAN

Analytical Results

8260, µg/kg		S6-3.5	S7-3.0
Matrix	Soil	Soil	Soil
Date extracted	Reporting	04/08/02	04/08/02
Date analyzed	Limits	04/08/02	04/08/02
Dichlorodifluoromethane	50	nd	nd
Chloromethane	50	nd	nd
Vinyl chloride	50	nd	nd
Bromomethane	50	nd	nd
Chloroethane	50	nd	nd
Trichlorofluoromethane	50	nd	nd
1,1-Dichloroethene	50	nd	nd
Methylene chloride	20	nd	nd
trans-1,2-Dichloroethene	50	nd	nd
1,1-Dichloroethane	50	nd	nd
cis-1,2-Dichloroethene	50	nd	nd
2,2-Dichloropropane	50	nd	nd
Chloroform	50	nd	nd
Bromochloromethane	50	nd	nd
1,1,1-Trichloroethane	50	nd	nd
1,2-Dichloroethane	50	nd	nd
1,1-Dichloropropene	50	nd	nd
Carbon tetrachloride	50	nd	nd
Benzene	20	nd	nd
Trichloroethene	20	nd	nd
1,2-Dichloropropane	50	nd	nd
Dibromomethane	50	nd	nd
Bromodichloromethane	50	nd	nd
cis-1,3-Dichloropropene	50	nd	nd
Toluene	50	nd	nd
trans-1,3-Dichloropropene	50	nd	nd
1,1,2-Trichloroethane	50	nd	nd
1,3-Dichloropropane	50	nd	nd
Dibromochloromethane	50	nd	nd
Tetrachloroethene	20	nd	nd
1,2-Dibromoethane (EDB)(*)	5	nd	nd
Chlorobenzene	50	nd	nd
1,1,1,2-Tetrachloroethane	50	nd	nd
Ethylbenzene	50	nd	nd
Xylenes	50	nd	nd
Styrene	50	nd	nd
Bromoform	50	nd	nd
1,1,2,2-Tetrachloroethane	50	nd	nd
Isopropylbenzene	50	nd	nd
1,2,3-Trichloropropane	50	nd	nd
Bromobenzene	50	nd	nd
n-Propylbenzene	50	nd	nd
2-Chlorotoluene	50	nd	nd
4-Chlorotoluene	50	nd	nd
1,3,5-Trimethylbenzene	50	nd	nd
tert-Butylbenzene	50	nd	nd
1,2,4-Trimethylbenzene	50	nd	nd
sec-Butylbenzene	50	nd	nd
1,3-Dichlorobenzene	50	nd	nd
1,4-Dichlorobenzene	50	nd	nd
Isopropyltoluene	50	nd	nd
1,2-Dichlorobenzene	50	nd	nd
n-Butylbenzene	50	nd	nd
1,2-Dibromo-3-Chloropropane	50	nd	nd
1,2,4-Trichlorobenzene	50	nd	nd
Naphthalene	50	nd	nd
Hexachloro-1,3-butadiene	50	nd	nd
1,2,3-Trichlorobenzene	50	nd	nd

*-instrument detection limits

ESN SEATTLE CHEMISTRY LABORATORY
(425) 957-9872, fax (425) 957-9904

ESN Job Number:	S20408-1
Client:	SES
Client Job Name:	FREEMAN
Client Job Number:	FREEMAN

Analytical Results

8260, µg/kg		**S6-3.5**	**S7-3.0**
Matrix	Soil	Soil	Soil
Date extracted	Reporting	04/08/02	04/08/02
Date analyzed	Limits	04/08/02	04/08/02
Surrogate recoveries			
Dibromofluoromethane		83%	84%
Toluene-d8		97%	102%
4-Bromofluorobenzene		109%	104%

Data Qualifiers and Analytical Comments

nd - not detected at listed reporting limits
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 35%

ESN NORTHWEST Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: SES

ADDRESS:

PHONE: 253-921-7059 FAX:

CLIENT PROJECT #: FREEMAN PROJECT MANAGER: SMS

DATE: 4-5-02 PAGE 1 OF 1

PROJECT NAME: FREEMAN

LOCATION:

COLLECTOR: SMS DATE OF COLLECTION 4-4

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	NOTES	Total Number of Containers	Laboratory Note Number
1. S1-3.0'	3.0		GRAB	4 oz																		Hold		
2. S2-3.0'	3.0'			4 oz			X				X													
3. S3-3.5'	3.5'			4 oz			X				X													
4. S4-3.0'	3.0'			4 oz																		Hold		
5. S5-3.5'	3.5'			4 oz			X				X													
6. S6-3.5'	3.5'			4 oz			X				X													
7. S7-3.0'	3.0'			4 oz			X				X													
8. S8-3.0'	3.0'			4 oz																		Hold		
9. S9-3.0'	3.0'			4 oz																		Hold		
10.																								
11.																						RUN SHIPPED		
12.																						S1-3.0, S2-3.0,		
13.																						S4-3.0 FOR		
14.																						DX/DX HOLD		
15.																						SIGN 4/11/02		
16.																								
17.																								
18.																								

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SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	9
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

5 day Diesel } as per Steve
48 hr 8260 }

Turn Around Time: 24 HR (48 HR) 5 DAY

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: SES

ADDRESS:

PHONE: 253-921-7059 FAX:

CLIENT PROJECT #: FREEMAN PROJECT MANAGER: JJS

DATE: 4-5-02 PAGE 1 OF 1

PROJECT NAME: FREEMAN

LOCATION:

COLLECTOR: JJS DATE OF COLLECTION 4/4

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel) BTEX	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome			NOTES	Total Number of Containers	Laboratory Note Number
1. S1-2.0'	2.0'		(grab)	4 oz							X													Hold		
2. S2-2.0'	2.0'			4 oz			X				X															
3. S3-2.5'	2.5'			4 oz			X				X															
4. S4-2.0'	2.0'			4 oz			X				X													Hold		
5. S5-2.5'	2.5'			4 oz			X				X															
6. S6-2.5'	2.5'			4 oz			X				X															
7. S7-2.0'	2.0'			4 oz			X				X															
8. S8-2.0'	2.0'			4 oz			X				X													Hold		
9. S9-2.0'	2.0'			4 oz					X		X													Hold		
10.																										
11.																										
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	9
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

Turn Around Time: 24 HR 48 HR 5 DAY

ESN NORTHWEST CHEMISTRY LABORATORY

FREEMAN PROJECT
Washington
SES
Client Project #331-1

PRELIMINARY DATA

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	5/30/02	101	nd	nd	nd	nd
S1A	5/30/02	81	nd	nd	nd	nd
S3A	5/30/02	75	nd	nd	nd	nd
S5A	5/30/02	114	nd	nd	nd	nd
S8A	5/30/02	84	nd	nd	nd	nd
Method Detection Limits			20	50	100	100

"nd" Indicates not detected at listed detection limits.
"D" Indicates detected above the listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Tim McCall

ESN NORTHWEST CHEMISTRY LABORATORY

PRELIMINARY DATA

FREEMAN PROJECT
Washington
SES
Client Project #331-1

Hydrocarbon Identification by NWTPH-HCID for Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)	Diesel (mg/kg)	Heavy Oil (mg/kg)	Mineral Oil (mg/kg)
Method Blank	5/30/02	109	nd	nd	nd	nd
S11	5/30/02	81	nd	nd	nd	nd
S12	5/30/02	74	nd	nd	nd	nd
S13	5/30/02	79	nd	nd	nd	nd
S13 Dup.	5/30/02	67	nd	nd	nd	nd
S14	5/30/02	90	nd	nd	nd	nd
S15	5/30/02	78	nd	nd	nd	nd
S16	5/30/02	80	nd	nd	nd	nd
S17	5/30/02	87	nd	nd	nd	nd
S18	5/30/02	102	nd	nd	nd	nd
Method Detection Limits			20	50	100	100

"nd" Indicates not detected at listed detection limits.
"D" Indicates detected above the listed detection limit.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 65% TO 135%

ANALYSES PERFORMED BY: Tim McCall

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: SES

ADDRESS:

PHONE: 206 306 1900 FAX: 206 306 1907

CLIENT PROJECT #: # 331-1 PROJECT MANAGER: SMS

DATE: 5-29-02 PAGE 1 OF 1

PROJECT NAME: FREEMAN-

LOCATION: Metal Marine

COLLECTOR: SMS DATE OF COLLECTION: 5-23

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome				NOTES	Total Number of Containers	Laboratory Note Number
1. S10			GRAB	4 oz						X		X													HOLD		
2. S11										X		X		HCID													
3. S12										X		X		HCID													
4. S13										X		X		HCID													
5. S14										X		X		HCID													
6. S15										X		X		HCID													
7. S16										X		X		HCID													
8. S17										X		X		HCID													
9. S18										X		X		HCID													
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SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	9
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:
HCID for samples & QUANT. marked. Hold others 48 hr PM 5/30/02

Turn Around Time: 24 HR (48 HR) (5 DAY)

SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL @ $2.00 each ☐ Return ☐ Pickup

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: SES

ADDRESS:

PHONE: 206 306 1900 FAX: 206 306 1907

CLIENT PROJECT #: 331-1 PROJECT MANAGER: SMS

DATE: 5-29-02 PAGE 1 OF 1

PROJECT NAME: FREEWAY

LOCATION: Retail Mall

COLLECTOR: SMS DATE OF COLLECTION 5-23

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES: VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	TPH 8015 (gasoline)	TPH 8015 (diesel)	TPH 8015 (d & o)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	NOTES	Total Number of Containers	Laboratory Note Number
1. S1A									X	HCID														
2. S3A									X	HCID														
3. S4A									X													HOLD		
4. S5A									X	HCID														
5. S8A									X	HCID														
6.																								
7.																								
8.																								
9.																								
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SAMPLE DISPOSAL INSTRUCTIONS

☐ ESN DISPOSAL ● $2.00 each ☐ Return ☐ Pickup

SAMPLE RECEIPT	
TOTAL NUMBER OF CONTAINERS	5
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

45 hr
HCID for samples & Quant.
Hold others pm 5/30/..

Turn Around Time: 24 HR 48 HR 5 DAY

Jun-05-02 07:48A ESN NORTHWEST

OLYMPIC VIEW
SANITARY LANDFILL INC

P.O. BOX 990 • BREMERTON, WA 98337
674-2331

№ 17321

Date 5/23/02

To:

2002-051

Weatherby / Sound Environ.

Loose cu. yds @

Compacted cu. yds. @

1 Septic gals. @

G - 59440

T - 25980

4.73 T

INVOICE No.

Signature

WASTE MANAGEMENT

OLYMPIC VIEW SANITARY LANDFILL

PERMIT # 2002-051

PERMIT TO DISPOSE OF NON-HAZARDOUS/ NON-DANGEROUS MATERIALS

EXPIRES: 8/22/02

GENERATOR: METAL MARINE PILOT		
DESCRIPTION:*PCS - DIESEL, CLASS IV*		TONS:*10*
LOCATION: *FIRCREST, WASHINGTON*		
CONTACT: *STEVE SPENCER*		PHONE: *206-306-1900*
BILLING: sound environmental	PO#:	JOB#:

We accept business checks, cash or charge (with prior approval)

SPECIAL HANDLING : *NONE:*		
ME	*BR*	*MH*

APPROVED: KC Kristin Castner DATE: *05/22/02 8:46:30 AM*

A COPY OF THIS PERMIT MUST BE SHOWN BY EACH DRIVER

HAZARDOUS/DANGEROUS WASTE IS STRICTLY PROHIBITED

USA WASTE SERVICES, INC....THE QUALITY PLUS CHOICE

OLYMPIC VIEW SANITARY LANDFILL WASTE DISPOSAL APPLICATION
(Not applicable to MSW)

Mail to: Waste Management
Kristin Castner
7227 NE 55th Avenue
Portland, OR 97218
Phone: (800) 685-8001
Fax: ~~(800) 583-5263~~ 503 493-7822

Disposal Site: Olympic View Sanitary Landfill, Inc.
10015 SW Barney White Road
Port Orchard, WA 98337
Phone: (360) 674-2331
Fax: (360) 674-7028

Note: All questions must be answered for waste to be approved.

BKCHD # _____
OVSL # _____
Renewal # _____

1. Generator Information:

Company Name: Metal Marine Pilot
Mailing Address: 3512 SW 310th CT.
Federal Way, WA 98023
Contact: Janet Freeman-Daily
Phone/Fax: 253 606 2173
Project Name: UST INVESTIGATION
Project Location: 2119 MILDRED ST. FIRCREST, WA

2. Other Contacts *(If applicable)*

Consulting Firm: Sound Environmental Strategies
Contact: Stephanie Spencer
Phone: 253 921 7059
Contractor Name: SAME
Contact:
Phone:
Laboratory: ESN
Contact: Sheryl Chilcutt
Phone: 306 459 3432

Billing *(Party responsible for Invoices)*: Sound Environmental
Contact: Steve Spencer
Address: 12351 Lake City Way Suite 102
Phone: 206 306 1900

3. **Source of Waste:**
Check the appropriate box below and briefly describe the project, process, and/or cleanup that will or has produced the waste requiring disposal. Include the gasoline service station number (if applicable).

- ☐ CERCLA / MTCA Remediation Agency Contact: _____
- ☐ Independent Remedial Action
- ☑ UST Removal
- ☐ Unused Chemical Product Spill
- ☐ Other

_____

_____

_____

4. **Waste Material Composition:** (***check all that apply and include percent of total***)

☑	Soil	100 %	☐	Foundry Slag	____ %
☐	Concrete Asphalt	____ %	☐	Dredge Sediments	____ %
☐	Preserved Wood	____ %	☐	Debris	____ %
☐	Coal Ash	____ %	☐	Other (list)	
☐	Wood Ash	____ %		_____	____ %
				_____	____ %

NOTE: Total must equal 100%

5. **Waste Material Contaminants:** (***check all that apply***)

☐	Gasoline		☑	Metals	
☑	Diesel		☐	Solvents	
☐	Heating Oil		☐	PCBs	
☐	Unused Motor Oil		☐	Other _____	
☐	Used Motor Oil / Waste Oil			_____	
☐	Other Petroleum Product _____		☐	Unknown	

NOTE: Supply MSDS information with application, if available.

6. **Estimated Quantity of Waste for Disposal:**

4-6 cubic yards / 6-8 tons (estimate both)

_____ drums / _____ tons (estimate both)

Other _____

NOTE: Estimated quantity for disposal must be within 20% of the quantity actually disposed. (10% for projects over 7,500 tons or 5,000 cubic yards.)

7. **Frequency of Disposal:**

☑ One time ☐ Monthly ☐ Annual ☐ Other

8. **Waste Sampling:**

Proper characterization of waste for disposal requires the collection of representative samples. The methods and equipment necessary for obtaining representative samples of a waste, and the frequency of sampling, will vary with the type and form of the waste. Check the appropriate box and briefly describe how and where the waste was sampled. Include site maps with sampling locations if possible.

Number of **COMPOSITE** samples 0 & number of discrete samples per composite 0

Number of **DISCRETE** samples 9

Sampling Per WAC 173-360 - UST ASSESSMENT Guidlines.

NOTE 1: **Unless prior approval has been granted by OVSL, the following sampling frequency will be used:**

0 – 25	cubic yards	= 1 composite sample
25 – 100	cubic yards	= 3 composite samples
101 – 500	cubic yards	= 5 composite samples
501 – 1000	cubic yards	= 7 composite samples
1001 – 2000	cubic yards	= 10 composite samples
>2000	cubic yards	= 10 plus one sample for each additional 500 cubic yards

NOTE 2: **One composite sample shall contain a minimum of three/maximum of five discrete samples.**

9. **Waste Analysis:**

The "Dangerous Waste Regulations" (WAC 173-303) shall be utilized to determine the appropriate analytical requirements for waste characterization. Ecology Publication # 91-30 "Guidance for Remediation of Petroleum Contaminated Soils" shall also be used to characterize petroleum contaminated soils from UST releases. Submit all laboratory analytical results, QA/QC data, and Chain of Custody sheets along with this application. **(NOTE the laboratory must be accredited by the Washington State Department of Ecology.)**

a)List all analytical test methods used:

NWTPH-Dx, NWTPH-G, 8260 VOC

b)Provide a narrative as to why the above analytical methods were selected:

Analytical Methods were selected based on the Historical contents of the UST System.

NOTE: **Additional sheets attached (analytical with QA/QC and C.O.C.)** ☒ **YES** ☐ **NO**

10. Soil Classification: (**FOR PETROLEUM CONTAMINATED SOILS ONLY**)

Based on the analytical data and Ecology Publication #91-30, the soil classification is: (check one)

☐ Class 1 ☐ Class 2 ☐ Class 3 ☐ Class 4

11. Dangerous Waste Affidavit:

Based on a review of the analytical test results, site history, and the applicable regulations, this waste is classified as: (check one)

☑ Neither Dangerous Waste (DW) nor Extremely Hazardous Waste (EHW)

☐ Dangerous Waste (DW) and Waste Code: _____

☐ Extremely Hazardous Waste (EHW) and Waste Code: _____

TERMS AND CONDITIONS OF DISPOSAL

1. **ACCEPTABLE WASTE.** Customer shall deliver and Company shall accept for disposal only Acceptable Waste. Customer shall deliver the full quantity of Acceptable Waste generated, handled and/or collected by Customer as estimated above. Acceptable Waste means and includes only such waste as is described above and which is approved and permitted for disposal at the Designated Landfill and shall not include any Excluded Waste. As used herein, Excluded Waste means waste that: (a) is not in conformance with the description of the waste set forth above; (b) is or contains any infectious waste, or radioactive, volatile, corrosive, highly flammable, explosive, biomedical, biohazardous material or hazardous, dangerous, or toxic substances, as defined pursuant to or listed or regulated under applicable federal, state or local law above regulated levels permitted for disposal as the Designated Landfill; (c) is prohibited from being received or disposed of at the Designated Landfill by federal, state or local law, regulation, rule, code, ordinance, order, permit or permit condition; (d) Company reasonably believes would, as a result of or upon disposal, be a violation of local, state or federal law, regulation or ordinance, including land use restrictions or conditions applicable to the Designated Landfill; or (e) in Company's opinion would present a significant risk to human health or the environment, cause a nuisance or otherwise create or expose Company or Customer to potential liability.

2. **REPRESENTATIONS & WARRANTIES.** Customer represents and warrants that: (a) the description of the waste set forth on the first page hereof is true and correct in all material respects; (b) all waste delivered to the Designated Landfill by Customer shall be Acceptable Waste as defined above and shall not be or contain Excluded Waste; (c) Customer shall, and shall cause any carrier with which it contracts to, handle and transport the waste in a safe and workmanlike manner in full compliance with all applicable federal, state and local laws, ordinances, decisions, orders, rules or regulations; and (d) Customer has advised its drivers of Company's prohibition on delivery of Excluded Waste, of the definitions and listing of hazardous waste and hazardous substances under applicable federal and state law and regulations and of the definition of Acceptable Waste herein. Company represents and warrants that it shall dispose of the Acceptable Waste in a safe and workmanlike manner in full compliance with all applicable federal, state and local laws, ordinances, decisions, orders, rules or regulations.

3. **TITLE; INSPECTION, REJECTION OF WASTE.** Title to and ownership of all Acceptable Waste shall transfer to Company upon its final acceptance of Acceptable Waste. Title to, ownership of and liability for Excluded Waste shall at all times remain with Customer. Company may inspect the waste delivered by Customer and reject Excluded Waste. If, following acceptance of the waste delivered by Customer, such waste is found to be or contain Excluded Waste, in whole or in part, Company may revoke its acceptance of all such waste. Revocation of acceptance by Company shall operate to re-vest all incidents of ownership in Customer at the time revocation is communicated, either orally or in writing. Customer shall remove Excluded Waste, at its sole cost and expense, from the possession of Company promptly, but in no event later than 7 days, after notice of rejection or revocation of acceptance. Company shall have the right to refuse to accept or to reject any Acceptable Waste in the event of Customer's failure to pay disposal fees owed by Customer.

4. **INDEMNITY.** Each party hereto (the "Indemnitor") hereby agrees to indemnify, hold harmless and defend the other party, and its owners, officers, directors, employees and agents (collectively, the "Indemnitees"), from and against any and all liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, judgments and costs and expenses incidental thereto, including attorneys' fees (collectively, "Damages"), which any or all of the Indemnitees may hereafter suffer, incur, be responsible for or pay out as a result of personal injuries, property damage, or contamination of or adverse effects on the environment, to the extent caused by, or arising from or in connection with the breach of any representations or warranties of the Indemnitor set forth in this Agreement, or any negligent actions or omissions or willful misconduct of the Indemnitor, its employees, officers, owners, directors or agents, or the violation of any law, ordinance or regulation, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601 et seq., as amended. Such indemnity shall exclude Damages to the extent they arise as a result of any negligent actions or omissions or willful misconduct of the Indemnitees or their employees, officers, owners, directors or agents. The indemnification obligation hereunder shall arise only in excess of any available and collectible insurance proceeds and the Indemnitor shall be liable hereunder to pay only its share of the amount of Damages, if any, that exceeds the total amount that all insurance has paid for the Damages, plus the total of all deductible and self-insured expenses paid under all insurance policies. The obligations in this Section 4 shall survive the performance and termination of this Agreement.

5. **UNCONTROLLABLE CIRCUMSTANCES; TERMINATION.** Except for the obligation to pay fees for disposal of Acceptable Waste accepted at the Designated Landfill, the performance of this Agreement may be discontinued or temporarily suspended by either party, and neither party shall be deemed to be in breach of this Agreement, in the event the delivery of waste by Customer, or the disposal of waste by Company are prevented by a cause or causes beyond the reasonable control of either party. Such causes shall include, but not be limited to, acts of God, acts of war, riot, fire, explosion, accident, flood or sabotage, governmental laws (including nuisance), permit conditions, regulations, restrictions (including land use), condition of the waste or injunction. Company may immediately terminate disposal services upon written notice to Customer in the event Customer breaches any term, provision or obligation under this Agreement, in which case, Customer shall be liable for and shall pay to Company all costs and losses incurred by Company as a result of or relating to any such termination.

6. MISCELLANEOUS. This Agreement shall be governed by the laws of the state in which the Designated Landfill is located. Every provision of this Agreement shall be severable. This Agreement represents the entire understanding and Agreement between the parties relating to the disposal of waste, except that, if the parties, or their parent companies, are parties to a national service agreement, the terms of such national service agreement shall control over any inconsistent terms in this Agreement. No representations, statements or Agreements, unless agreed to by the parties in writing, shall modify, change, amend or otherwise affect the obligations undertaken in this Agreement. No waiver by either party of any one or more defaults or breaches by the other in the performance of this Agreement shall operate or be construed as a waiver of any future defaults or breaches. Customer may not assign this Agreement without the prior written consent of Company. This Agreement shall be binding upon and shall inure to the benefit of the parties' successors and assigns.

CERTIFICATION

THIS DOCUMENT MUST BE SIGNED BY THE GENERATOR OR GENERATOR'S AUTHORIZED REPRESENTATIVE, AND INDICATES A FIRST HAND KNOWLEDGE OF THE WASTE'S CHARACTERISTICS. BY SIGNING BELOW, GENERATOR CERTIFIES THE TRUTH OF THE INFORMATION ON THE FIRST PAGE HEREOF AND THAT GENERATOR HAS READ AND AGREES TO THE TERMS AND CONDITIONS SET FORTH ON THE FIRST AND SECOND PAGES HEREOF WHICH ARE INCORPORATED HEREIN.

DATE: 5/22/02 CUSTOMER / GENERATOR: Metal Marine

PRINTED NAME: Janet Freeman - Daily

SIGNATURE: Agent for Janet Freeman Daily

APPROVAL

Authorized Signature: _____

Date: _____

Approval Expiration Date: _____

CITY OF FIRCREST
115 RAMSDELL STREET
FIRCREST WA 98466
(253) 564-8902

Permit Number: 020401
Permit Type: MECHANICAL

PROJECT: REMOVE UNDERGROUND ST TNK
LOCATION: MILDRED ST W 2119

ASSESSOR'S #:0220112005
ESTIMATED CONSTRUCTION VALUE: $.00

FEES:

OWNER:	FREEMAN	BASE FEE	23.50
Address:	2119 MILDRED STREET WEST	MISCELLANEOUS	10.65
	FIRCREST WA 98466	TOTAL	34.15

Phone #: 253-606-2173

CONTRACTOR: RIVERSIDE SERVICES
Address: P.O. BOX 39
KENT WA 98035

Phone #: 253 87728988
000-000-0000

State Contractors License #
RIVERESOOOJ

Expiration date: 02/01/2003

APPROVED:
OK for JB
JEFF BOERS - PLANNING/BUILDING DIRECTOR

4/4/02
DATE

This permit becomes null and void if the work or construction is not commenced within 180 days, or if the work or construction is suspended or abandoned for 180 days at any time after work is commenced, or if work is not completed within one year from the date of issue. All work shall be done in accordance with the approved plans. The approved plans shall not be changed or modified withinout the prior approval of the Planning/Building Director.

It is the responsibility of the permittee to obtain the required inspections. Failure to notify this department that the work is ready for inspection may necessitate the removal of some of the construction materials at the owner's expense in order to perform such inspection.

REMOVE UST BY EXCAVATION
FUEL OIL STORAGE VESSEL
SUBMIT CERTIFICATION OF UST REMOVAL
SUBMIT CERTIFICATION OF SIZE OF TANK
SUBMIT SOILS TESTING RESULTS
} UPON COMPLETION OF JOB

SIGNATURE OF PROPERTY OWNER OR AGENT

I, Stephen Spencer, certify that I am the (circle one): owner of the property, contractor, hired by the property owner, on which the proposed work will take place, and hereby certify that the work is be performed by me. This work is approved for the work described in accordance with the approved plans and specifications.

I further certify that I:

1. will comply with the building, mechanical, plumbing, land development and fire codes of the City of Fircrest,
2. the City has no liability for the work that I/we do on our home (*even if it is fully inspected and okayed by the inspection division*),
3. all people that I/we hire to help on the job must be adequately insured.

It is your responsibility if you are acting as your own general contractor to see that the appropriate permits are obtained for your project. If you are hiring a licensed contractor, he/she must obtain the plumbing, mechanical or electrical permit in his name, but it is up to *you* to make sure that he does. A subcontractor should take out his own permit, which makes him legally responsible for his portion of the work.

I have read RCW 18.27.110, quoted below, and understand that only contractors registered with the State of Washington may be used in performing work under this permit other than the work performed by me.

RCW 18.27.110 Building permits – Verification of registration required – Responsibilities of issuing entity – Penalties.

(1) At the time of issuing the building permit, all cities, towns or counties are responsible for:
   (a) Printing the contractor registration number on the building permit; and
   (b) Providing a written notice to the building permit applicant informing them of contractor registration laws and the potential risk and monetary liability to the homeowner for using an unregistered contractor.

(2) If a building permit is obtained by an applicant or contractor who falsifies information to obtain an exemption provided under RCW 18.27.090, the building permit shall be forfeited.

This permit becomes null and void if the work or construction is not commenced within 180 days, or if the work or construction is suspended or abandoned for 180 days at any time after work is commenced, or if work is not completed within one year from the date of issue.

I hereby certify that I have read and examined the above-printed information and know the same to be true and correct. All provisions of laws and ordinances governing this type of work will be complied with whether specified herein or not. The granting of a permit does not presume to give authority to violate or cancel the provisions of any other state or local law regulating construction or the performance of construction.

Signature of Owner/Contractor/or Authorized Agent for Riverside Services — Date 04/04/02

FMC 9.74.010 Public disturbance noises: It is unlawful for any person to cause, or for any person in possession of property to allow to originate from the property, sound that is a public disturbance noise. The following sounds are determined to be public disturbance noises:

Sound emanating from the construction, maintenance, repair or demolition of buildings, grounds, and appurtenances such as fences and walls, or from activities associated with site clearing, grading, excavation, filling and other alternations, if audible beyond the boundary of the lot or parcel on which the activity is occurring between the hours of 10:00 p.m. and 7:00 a.m. on weekdays and between the hours of 5:00 p.m. and 8:00 a.m. on Saturdays and Sundays.