NW 2785

UNDERGROUND STORAGE TANK DECOMMISSIONING AND FINAL CLEANUP REPORT

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2101 BURWELL PLACE
BREMERTON, WASHINGTON 98312
WDOE RELEASE # 623271
ERTS

SUBMITTED TO:

DOROTHY ROMBERG AND ESTATE OF MEVELYN ROMBERG
C/O HARRY B. ROMBERG JR.
11538 17TH AVENUE NE
SEATTLE, WASHINGTON 98125

PREPARED BY:

DONNA HEWITT, L.G.
DLH ENVIRONMENTAL CONSULTING
2400 NW 80TH STREET
PMB 114
SEATTLE, WASHINGTON 98117

JANUARY 12, 2011

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1.0 PROJECT DESCRIPTION/SCOPE OF WORK

Historical data research conducted by DLH Environmental Consulting in May 2010 confirmed that one (1) waste oil tank was located in a garage on the Property. In addition, interviews with onsite personnel indicated that at least one (1) gasoline tank might be located on the Property and that it might have been associated with a taxi cab company that formerly occupied the site. Historical aerial photograph research indicated that there were three (3) pump islands located on the northeastern corner of the Property. Kitsap County files indicated that there were three (3) underground storage tanks (USTs) on-site, but no information regarding the removal of tanks was found.

Subsurface investigations (using a Geoprobe) conducted in June 2010 confirmed that there were heavy oil-impacted soils along the southwestern portion of the Property adjacent to the garage. No other impacted soils were discovered, but the sample locations were primarily on the perimeter of the Property. However, one boring was placed in an area that was believed to be down gradient from the pump islands noted in historical aerial photographs.

After the waste oil tank and an old hydraulic lift were removed on August 19, 2010, exploratory work was completed to locate any other UST's. As a result, three (3) USTs were discovered on the northeast corner of the property. They were subsequently removed along with 75.95 tons of petroleum-impacted soil.

The USTs were removed by Pacific Environmental Services Company (PESCO) and disposed of by Marine Vacuum Services, Inc. Impacted soils were disposed of at the Waste Management Olympic View Transfer Station in Bremerton, Washington. Donna Hewitt of DLH Environmental Consulting (DLH) was onsite during the removal of all of the tanks. Ms. Hewitt is an ICC Decommissioning Supervisor (#1044716-U2) and a Washington State Site Assessor (#1044716-U2) (certifications are included as Appendix E). Washington Department of Ecology (Ecology) Site Check and Site Assessment Forms are located in Appendix C. Laboratory analysis was conducted by Friedman & Bruya Inc. located in Seattle, Washington and laboratory reports are provided in Appendix B.

The following tanks were decommissioned:

Tank Number	Size	Contents	Removal Date
Tank 1 (T1)	1000 gallon	gasoline	8/20/10
Tank 2 (T2)	1000 gallon	gasoline	8/20/10
Tank 3 (T3)	2000 gallon	gasoline	8/23/10
Tank (T4)	250 Gallon	waste oil	8/19/10

As part of the site assessment, soil samples were collected and analyzed from the tank excavations. Stockpiled soils were also sampled and analyzed. Required WDOE checklist forms were completed and are part of this report (see Appendix C).

2.0 METHODS OF INVESTIGATION

Small excavations were dug in the northeast corner of the Property where the pump islands were noted in the historical aerial photographs (see Appendix A for site maps and photographs). Numerous product lines were found underneath several layers of asphalt. The soil around the product lines was removed and the lines followed until the tops of the tanks were discovered. The tops of the tanks were exposed, the fill tubes opened, and the tanks inerted with dry ice. The tanks were then removed from the ground. The tanks were empty and had numerous holes in the bottoms

Soil samples were collected for hydrocarbon analysis from a minimum of two feet below each tank, from the sidewalls of the tank excavation, and from the final limits of the excavation. Samples were also taken below product lines and from stockpiled soils. After initial laboratory analysis confirmed hydrocarbon contamination exceeding Model Toxics Control Act (MTCA) Method A cleanup levels, the impacted soil was removed (75.95 tons) and final confirmational soil samples were collected from the walls and bottom of the final excavation limits.

Soil samples were collected and placed in sterilized glassware furnished by the project laboratory. In an effort to minimize the possible loss of any volatile hydrocarbons that may have been present in the soil, the samples were stored in an iced chest until delivered to the laboratory. All EPA-established sample-handling protocols, including chain of custody procedures, were observed during the course of the project.

Samples were analyzed according to the Ecology document "Guidance for Site Checks and Site Assessments for Underground Storage Tanks," February 1991 (Revised October 1992).

Soil samples collected from around the waste oil tank were analyzed for diesel-range petroleum hydrocarbons and heavy oil-range petroleum hydrocarbons using Method NWTPH-Dx. Additional analysis of soil collected adjacent to the tank during Geoprobe drilling activities included volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs) and RCRA 8 metals. Laboratory data confirmed that only heavy oil was detected in the soils.

Soil samples collected around the other three tanks were analyzed for the presence of gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX), using EPA Method 8021B and NWTPH-Gx, and lead, using EPA-Method 200.8.

3.0 RESULTS OF INVESTIGATION

3.1 Soil Conditions

Soils surrounding the USTs were a mixture of imported non-native fill material (including old brick and crushed asphalt) underlain by native clay.

3.2 Groundwater

Water was not encountered during tank and soil removal activities. The depth of the excavation was approximately 16 feet below ground surface.

3.3 Observation of Tank Removal Activities

Donna Hewitt of DLH Environmental Consulting, a licensed UST Decommissioning Supervisor and Site Assessor was onsite during all tank removal activities.

3.3.1 Waste Oil Tank

The owner of L&E Auto Sales confirmed that the contents of the waste tank had been removed approximately 6 months prior to the tank removal operations. The waste oil tank was located underneath a concrete slab inside the garage. After the slab was removed, the top of the tank was exposed and soils from the sides of that tank were removed. During the soil removal process, an old hydraulic lift was discovered just north of the end of the waste oil tank. Both the tank and the hydraulic lift were removed and soil samples were collected from the bottom and sides of the final excavation. The tank was inspected for holes and found to be in poor condition although no obvious holes were noted.

3.3.2 Gasoline Tanks

Product lines were discovered during exploratory digging on the northeast corner of the site. The lines were exposed, and three major product lines and vent lines were unearthed. The product lines were followed until the tops of three (3) USTs were found. The tops of the USTs were exposed, then the tanks were inerted with dry ice and subsequently removed from the ground. The first two USTs (Tank 1 and Tank 2) were completely empty. Tank 3 had a little water in the bottom but all three tanks were in poor, rusty condition and full of holes.

Strong odors were noted around and below the tanks and bluish grey soils were noted at depths starting at approximately 6-7 feet below ground surface (bgs). This was the bottom level of both Tank 1 and Tank 2.

3.4 Hydrocarbon Testing

Soil samples collected from the waste oil tank were analyzed for diesel-range petroleum hydrocarbons and heavy oil-range petroleum hydrocarbons using Method NWTPH-Dx. Additional analysis of soil samples collected adjacent to the tank during Geoprobe drilling activities included VOCs, PCBs and RCRA 8 metals. Laboratory data confirmed that only heavy oil was present in the soils. Laboratory results for soil samples collected from the waste oil tank are summarized in Table A, and laboratory results are located in Appendix B.

Soil samples collected around the other three USTs were analyzed for the presence of gasoline and BTEX, using EPA Method 8021B and NWTPH-Gx, and lead using EPA Method 200.8.

Laboratory results for soil samples collected around the other three USTs are summarized in Tables B and C. Laboratory reports are located in Appendix B.

3.5 Observation of Soil Removal Activities

Based on soil sample analysis, it was determined that contamination existed underneath all three USTs and along the sidewalls of the tank excavation. On October 10, 2010, contaminated soils (75.95 tons) were removed and transported to the Waste Management Olympic View Transfer Station for disposal under Waste Manifest # 102441.

3.6 Final Confirmational Soil Sampling and Analysis

Once the confirmed impacted soil was removed, final confirmation samples were collected from the sidewalls and bottom of the excavation. Laboratory data confirmed that impacted soil still remains on the south and west ends of the gasoline tank excavation. In addition, no soils were removed from in and around the waste oil tank located in the garage. Laboratory results for the final confirmation samples are summarized in Table D, and laboratory reports are located in Appendix B.

4.0 FINAL CLEANUP OPERATIONS

Impacted soils were disposed of at the Waste Management Olympic View Transfer Station in Bremerton, Washington. A total of 75.95 tons was disposed of on October 11, 2010. Impacted soil still remains on the south and west side of the tank excavation. Additionally, no soil was removed from the garage where the former waste oil tank (T4) was located.

5.0 WASHINGTON STATE DEPARTMENT OF ECOLOGY REQUIREMENTS

Ecology requires UST checklists and site assessment forms to be filled out during UST decommissioning projects. These forms have been completed and are located in Appendix C.

6.0 CONCLUSIONS

The following conclusions are based on the results of the soil sample analyses:

- Analysis of soil samples collected around and under the waste oil and hydraulic lift in the garage indicated that heavy oil impacted soils remain on the Property.
- Impacted soils associated with the three gasoline tanks located on the northwestern portion of the property were confirmed. The three tanks were removed along with 75.95 tons of impacted soils. The impacted soils were disposed of at the Olympic View Transfer Station in Bremerton, Washington.
- Confirmational soil sampling and analysis of the gasoline tank excavation indicates that impacted soils remains along the south and west ends of the excavation.
- All tanks, product lines, and vent lines were removed and disposed of according to current requirements.

7.0 RECOMMENDATIONS

Since impacted soils still remain on the Property, it is recommended that they be removed. The garage will need to be demolished in order to remove the soils associated with the waste oil tank. The most cost - effective approach may be to dovetail remediation with any future development of the Property.

8.0 LIMITATIONS

This report has been prepared for specific application to this project in a manner consistent with the level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area.

Recommendations and conclusions contained in this report are based on evaluation of technical information made available and reviewed during the course of this survey. Our work product and judgements rendered meet the standard of care of our profession at this time. No other warranty, expressed or implied, is made concerning the professional conclusions and recommendations included in this report.

DLH Environmental Consulting shall not be responsible for conditions or consequences arising from relevant facts that were withheld, concealed, or not fully disclosed at the time this evaluation was performed.

DLH Environmental Consulting has no control over the accuracy of information provided by outside consultants, contractors, and agencies and, therefore, disclaims responsibility for any inaccuracies incurred. Also, DLH Environmental Consulting accepts no responsibility for verifying compliance with government regulations for hazardous material and waste use or storage at the subject facility.

The underlying philosophy in formulating the conclusions and recommendations was to reduce uncertainties regarding the property and pertaining to environmental hazards, to the degree possible. Therefore, the results of this assessment should be viewed as reasonably accurate estimates, given the project limitations of the existing environmental condition of the property.

This report is for the exclusive use of Harry B Romberg Jr. and his representatives. If new information becomes available as a result of future site work, which may include excavations, borings, studies, etc., DLH Environmental Consulting reserves the right to reevaluate the conclusions of this report and to provide amendments as required.

TABLE A
Waste Oil Tank (T4) Soil Sampling Analytical Results

SAMPLE NUMBER	LOCATION	ANALYSIS	RESULTS
81910 - N	north sidewall at approximately 4 ft bgl	NWTPH-DX	**Diesel 7,100 ppm** **Motor Oil 27,000 ppm**
81910 - S	south sidewall at approximately 4 ft bgl	NWTPH-DX	Diesel < 50 ppm Motor Oil < 250 ppm
81910 - E	east sidewall at approximately 4 ft bgl	NWTPH-DX	Diesel < 50 ppm Motor Oil < 250 ppm
81910 - W	west sidewall at approximately 4 ft bgl	NWTPH-DX	Diesel < 50 ppm Motor Oil < 250 ppm
81910 - B	bottom of excavation below tank at approximately 5 ft bgl	NWTPH-DX	**Diesel 11,000 ppm** **Motor Oil 33,000 ppm**
81910 - B+4	bottom of excavation below tank at approximately 8 ft bgl	NWTPH-DX	**Diesel 5,600 ppm** **Motor Oil 13,000 ppm**
81910 - Hyd-7'	below hydraulic lift approximately 8 ft bgl	NWTPH-DX	Diesel < 50ppm Motor Oil < 250 ppm

Note: Current MTCA cleanup level for diesel and heavy oil is 2000 ppm
WTPH = Washington Total Petroleum Hydrocarbon
Dx = Diesel and heavy oils
ppm = Parts per million (soil)
bgl = Below ground level
ft = Feet

TABLE B
Tank 1 & Tank 2 - Initial Soil Sampling Analytical Results

SAMPLE NUMBER	LOCATION	ANALYSIS	RESULTS
82010 - Pipes	Below product lines	NWTPH-Gx BTEX	< 2 ppm AC
82010 - T1-B	Tank 1 - below tank at 8 ft bgl	NWTPH-Gx BTEX Lead	**5,100 ppm** **AC** 19.6
82010 - T1-E	Tank 1- east sidewall at 8 ft bgl	NWTPH-Gx BTEX	< 2 ppm BC
82010 - T1-N	Tank 1- north sidewall at 8 ft bgl	NWTPH-Gx BTEX	**4,900 ppm** **AC**
82010 - T1-S	Tank 1- south sidewall at 8 ft bgl	NWTPH-Gx BTEX	**7,400 ppm** **AC**
82010 - T2-N	Tank 2- north sidewall at 8 ft bgl	NWTPH-Gx BTEX	**8,700 ppm** **AC**
82010 - T2-B2	Tank 2- below tank at 8 ft bgl	NWTPH-Gx BTEX Lead	**12,000 ppm** **AC** 18.3
82010 - T2-W	Tank 2- west sidewall at 8 ft bgl	NWTPH-Gx BTEX	**120 ppm** BC
82010 - T2-B-4	Tank 2 - 4 ft below bottom of tank at 12 ft bgl	NWTPH-Gx BTEX	**20,000 ppm** **AC**

Note: Current MTCA cleanup level for gasoline in soil is 100 ppm or 30 ppm if benzene is present.
Cleanup levels for BTEX as follows B=0.03 ppm, T=7 ppm, E= 6 ppm, X=9 ppm
Cleanup level for lead is 250 ppm

WTPH = Washington Total Petroleum Hydrocarbon
Gx = Gasoline
BTEX = Benzene, toluene, ethyl-benzene, xylene (gasoline additives)
ppm = Parts per million (soil)
BC = Below cleanup
AC = Above Cleanup
bgl = Below ground level
ft = Feet

TABLE C
Tank 3 - Initial Soil Sampling Analytical Results

SAMPLE NUMBER	LOCATION	ANALYSIS	RESULTS
82310 - T3-B-9.5	Tank 3, below tank at 9.5 ft bgl	NWTPH-Gx BTEX	**6,600 ppm** **AC**
82310 - T3-B-12	Tank 3, below tank at 12 ft bgl	NWTPH-Gx BTEX	**32 ppm** **AC**
82310 - T3-W-9	Tank 3, below tank at 12 ft bgl	NWTPH-Gx BTEX lead	**6,600 ppm** **AC** **19.6**
82310 - T3-S-10	Tank 3, south sidewall at 10 ft bgl	NWTPH-Gx BTEX	**8,900 ppm** **AC**
82310 - T3-E-10	Tank 3, east sidewall at 10 ft bgl	NWTPH-Gx BTEX	15 ppm BC
82310 - PIPES	product pipes associated with Tank 3	NWTPH-Gx BTEX	Archived - no analysis
82310 - paint white	paint from garage	TCLP-200.8/ Pb	2.76 ppm
82310 - paint blue	paint from garage	TCLP-200.8/ Pb	3.19 ppm

Note: Current MTCA cleanup level for gasoline in soil is 100 ppm or 30 ppm if benzene is present.
Cleanup levels for BTEX as follows B=0.03 ppm, T=7 ppm, E= 6 ppm, X=9 ppm
Cleanup level for lead is 250 ppm

WTPH = Washington Total Petroleum Hydrocarbon
Gx = Gasoline
BTEX = Benzene, toluene, ethyl-benzene, xylene (gasoline additives)
ppm = Parts per million (soil)
bgl = Below ground level
ft = Feet

TABLE D
Tank Excavation (T1, T2 and T3) -
Final Confirmational Soil Sampling Analytical Results

SAMPLE NUMBER	LOCATION	ANALYSIS	RESULTS
101110 - B-14	Bottom of excavation at 14 ft bgl	NWTPH-Gx BTEX	< 5 ppm BC
101110 - S-14	South sidewall of excavation at 14 ft bgl	NWTPH-Gx BTEX	**140 ppm** **AC**
101110 - N-14	North sidewall of excavation at 14 ft bgl	NWTPH-Gx BTEX	3 ppm BC
101110 - E-14	East sidewall of excavation at 14 ft bgl	NWTPH-Gx BTEX	5.9 ppm BC
101110 - W-14	West sidewall of excavation at 14 ft bgl	NWTPH-Gx BTEX	**5,700 ppm** **AC**

Note: Current MTCA cleanup level for gasoline in soil is 100 ppm or 30 ppm if benzene is present.
Cleanup levels for BTEX as follows B=0.03 ppm, T=7 ppm, E= 6 ppm, X=9 ppm
Cleanup level for lead is 250 ppm

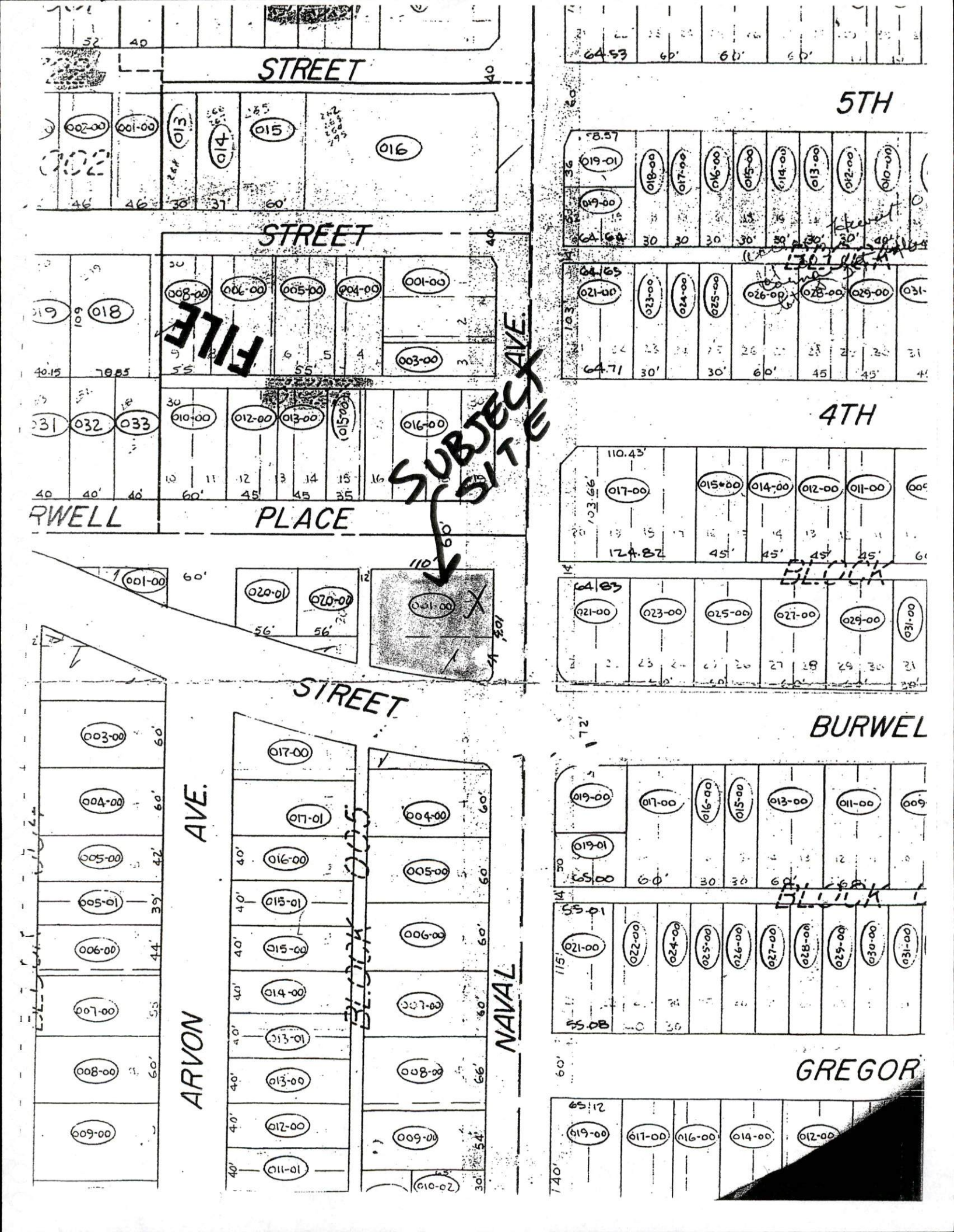
WTPH = Washington Total Petroleum Hydrocarbon
Gx = Gasoline
BTEX = Benzene, toluene, ethyl-benzene, xylene (gasoline additives)
ppm = Parts per million (soil)
BC = Below cleanup
AC = Above Cleanup
bgl = Below ground level
ft = Feet

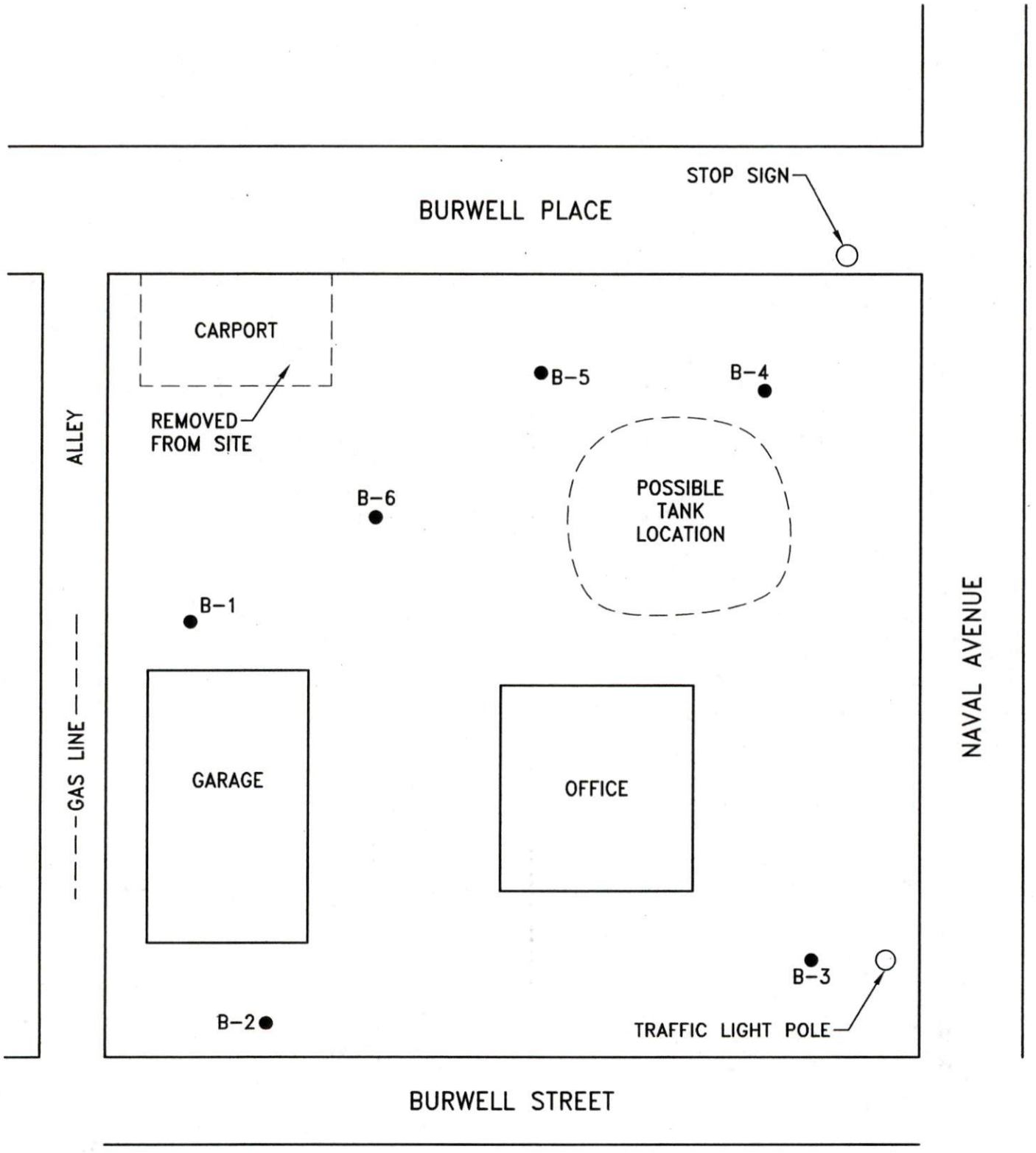
APPENDIX A

SITE MAP

SITE SKETCH

SITE PHOTOGRAPHS


STREET
STREET
STREET
5TH
4TH
BURWELL
PLACE
SUBJECT SITE
FILE
ARVON
AVE.
NAVAL
BLOCK
BLOCK
BLOCK
GREGOR



L & E AUTO SALES
2101 BURWELL PL.
BREMERTON, WASHINGTON

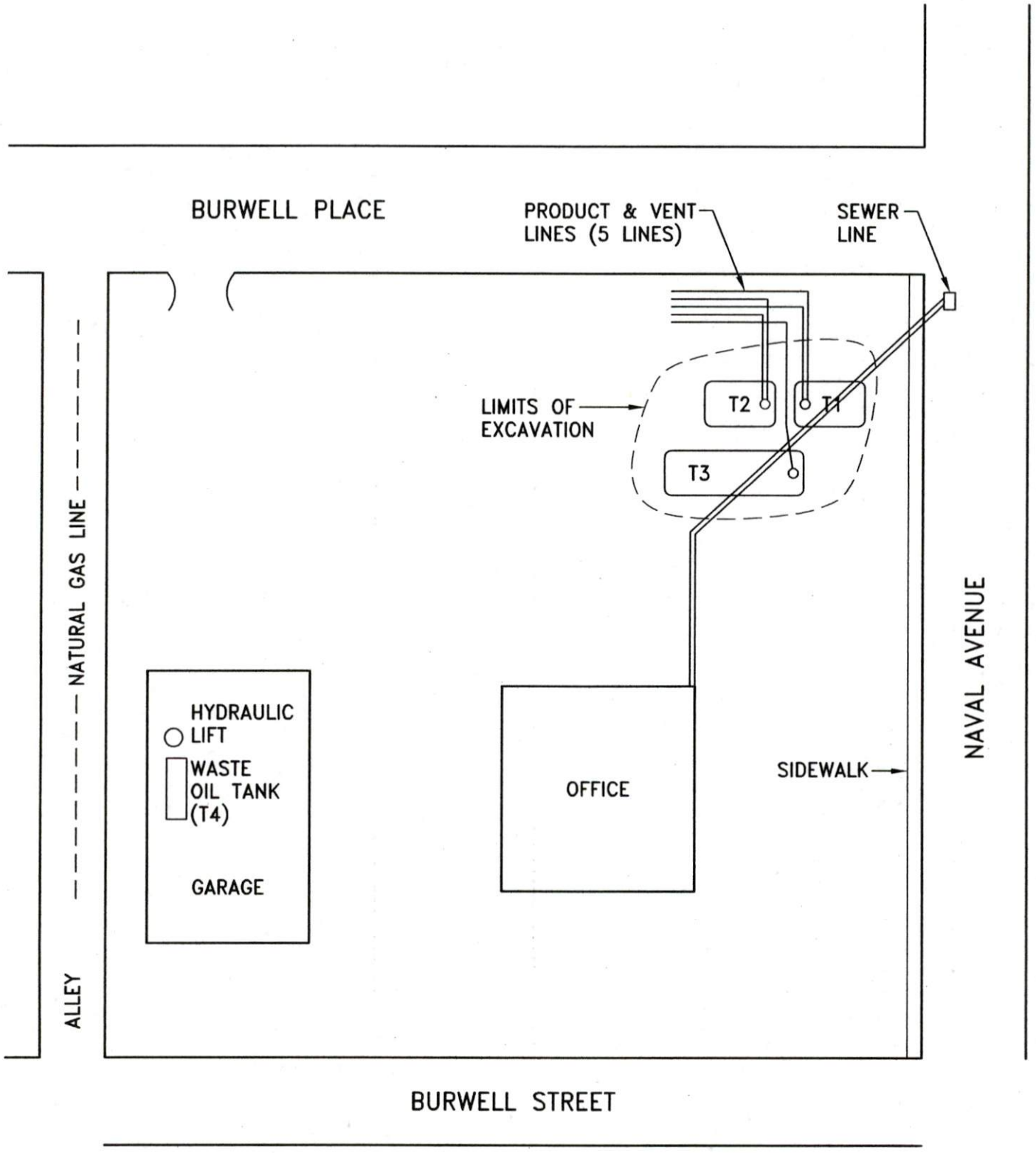
● – BORING LOCATION

DLH Environmental Consulting

NOT TO SCALE

FIGURE 1
6/3/10

North



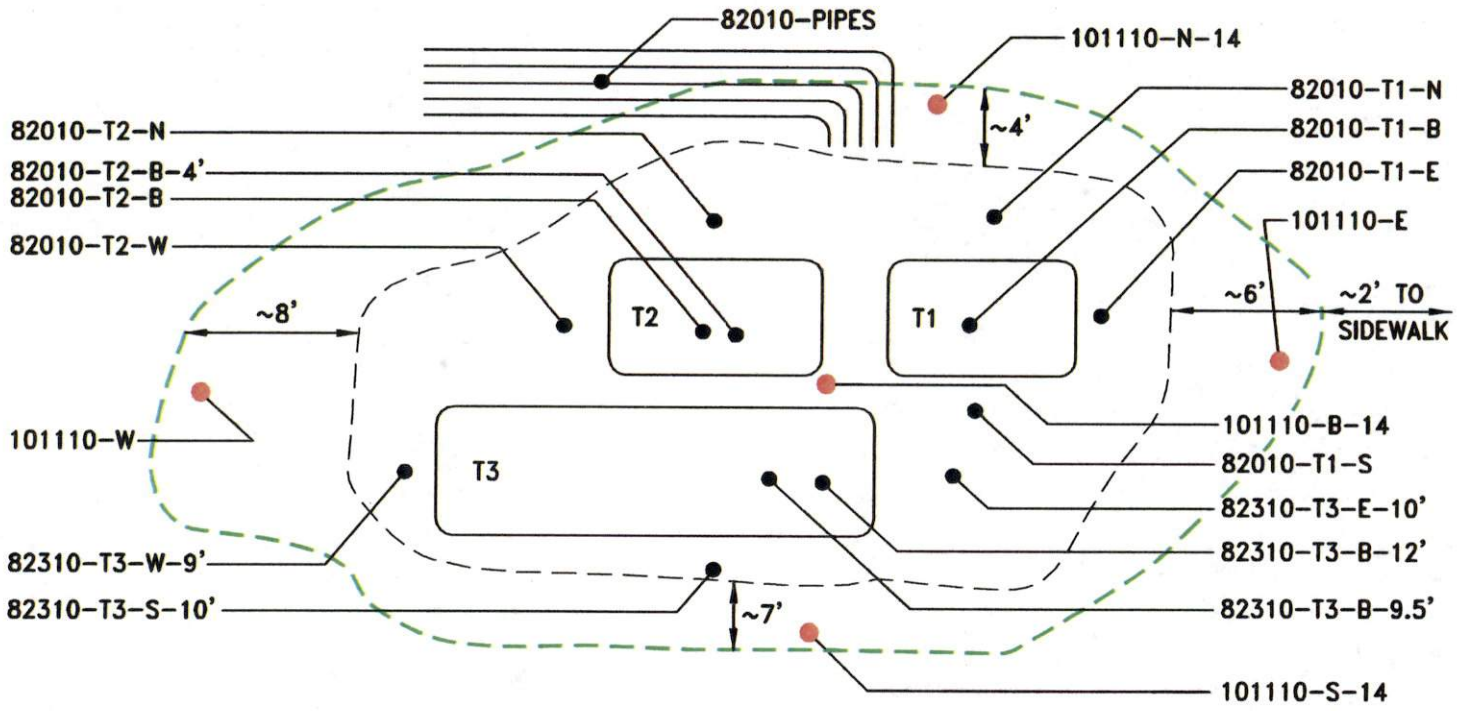
L & E AUTO SALES
2101 BURWELL PL.
BREMERTON, WASHINGTON

DLH Environmental Consulting

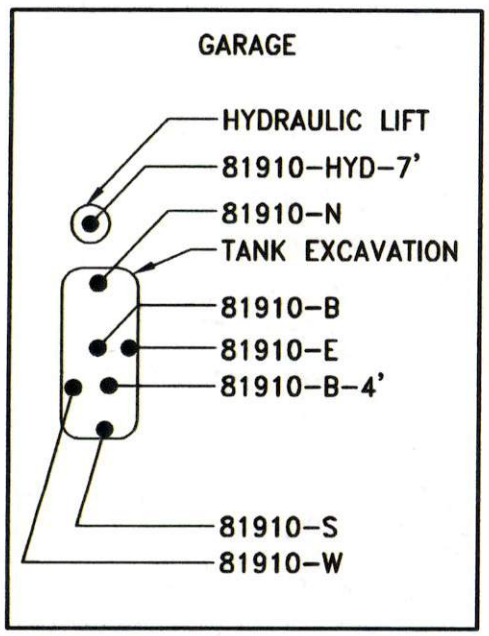
NOT TO SCALE

FIGURE 2
AUGUST 2010

North



UNDERGROUND STORAGE TANK REMOVAL



WASTE OIL TANK & HYDRAULIC LIFT REMOVAL

– – – – FINAL OVEREXCAVATION

● – SOIL SAMPLE LOCATION

● – FINAL CONFIRMATIONAL SOIL SAMPLE LOCATION

L & E AUTO SALES
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BREMERTON, WASHINGTON

TANK EXCAVATION DETAIL

DLH Environmental Consulting

NOT TO SCALE

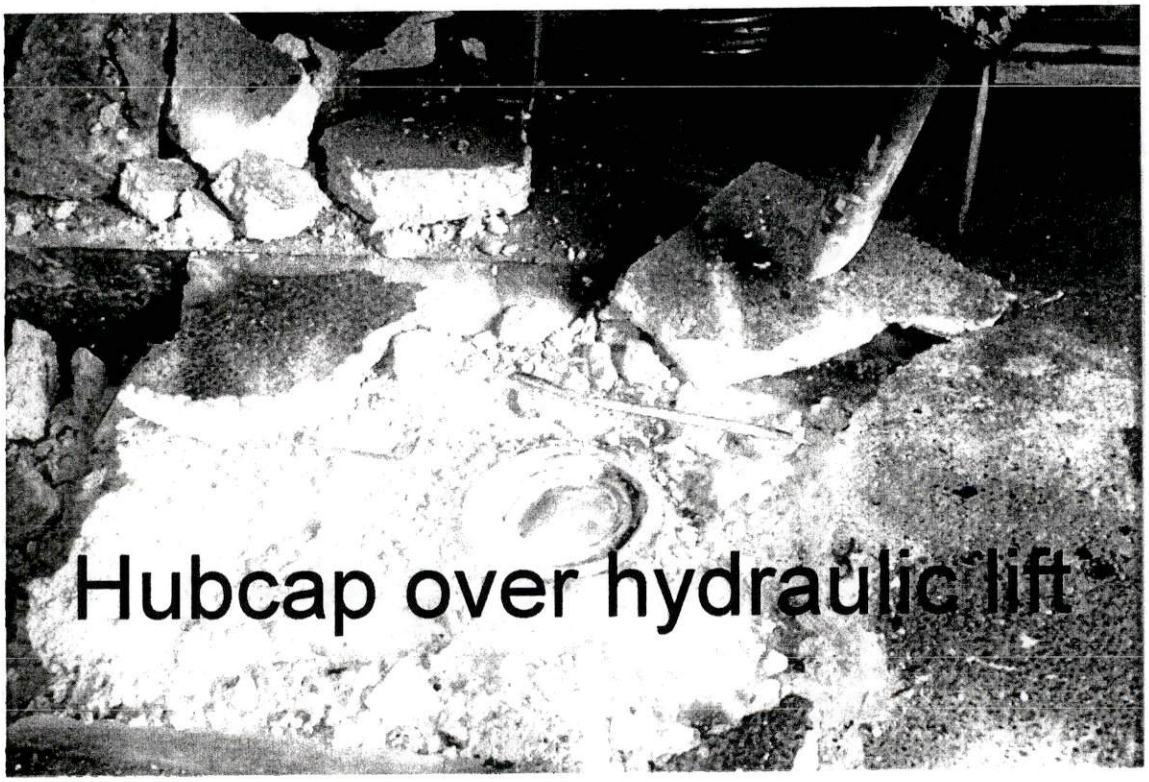
FIGURE 3
AUGUST–OCTOBER 2010

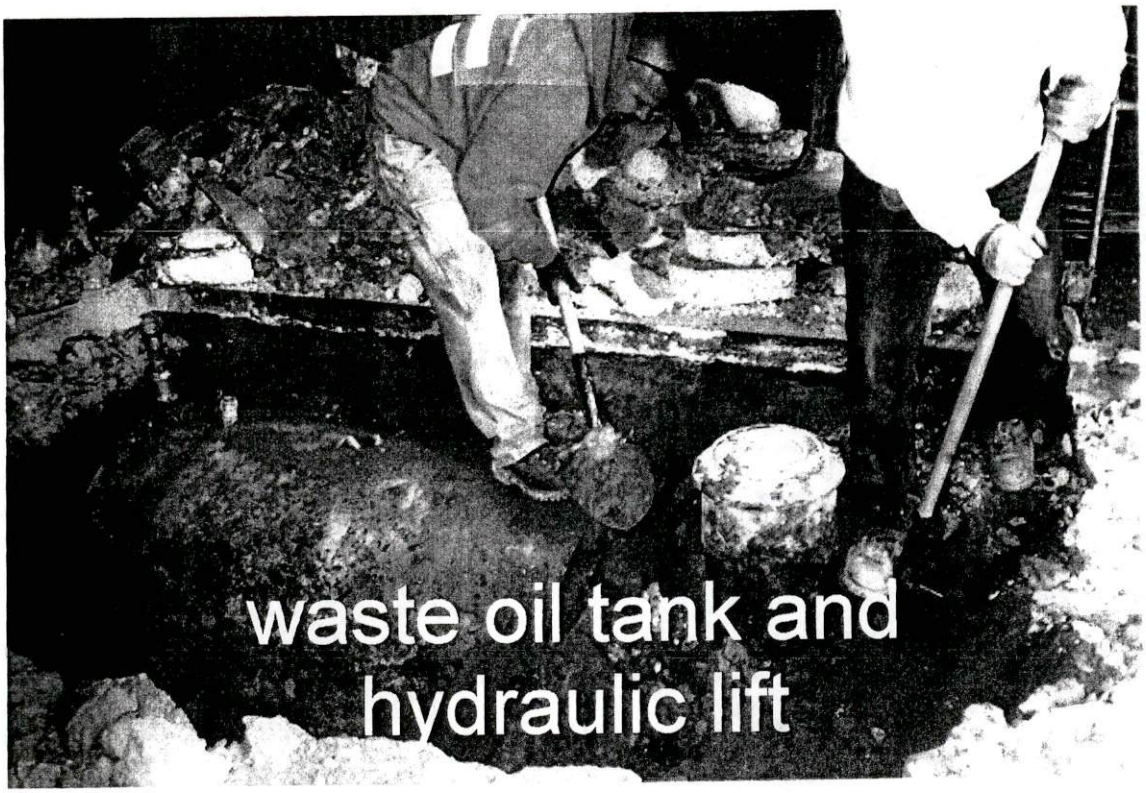
North

Waste oil tank fill

waste oil tank


Hydraulic l
adjacent to waste oil tan

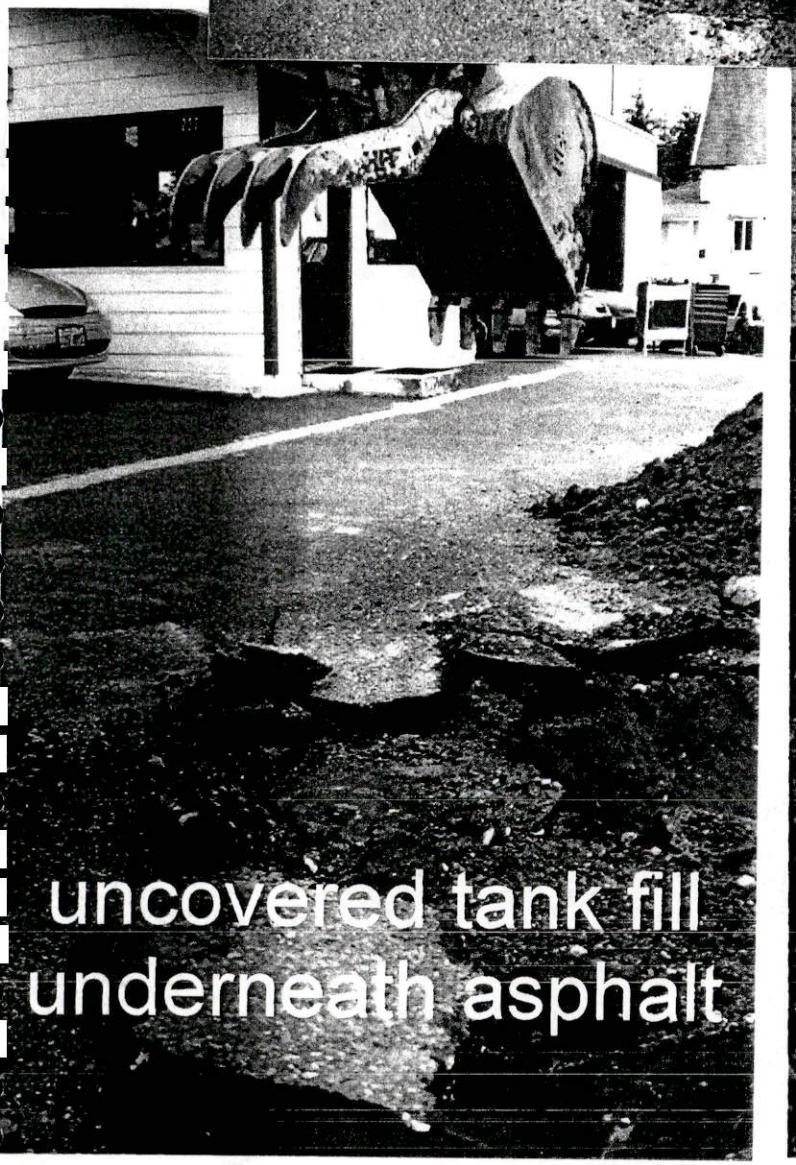

Hubcap over hydraulic lift



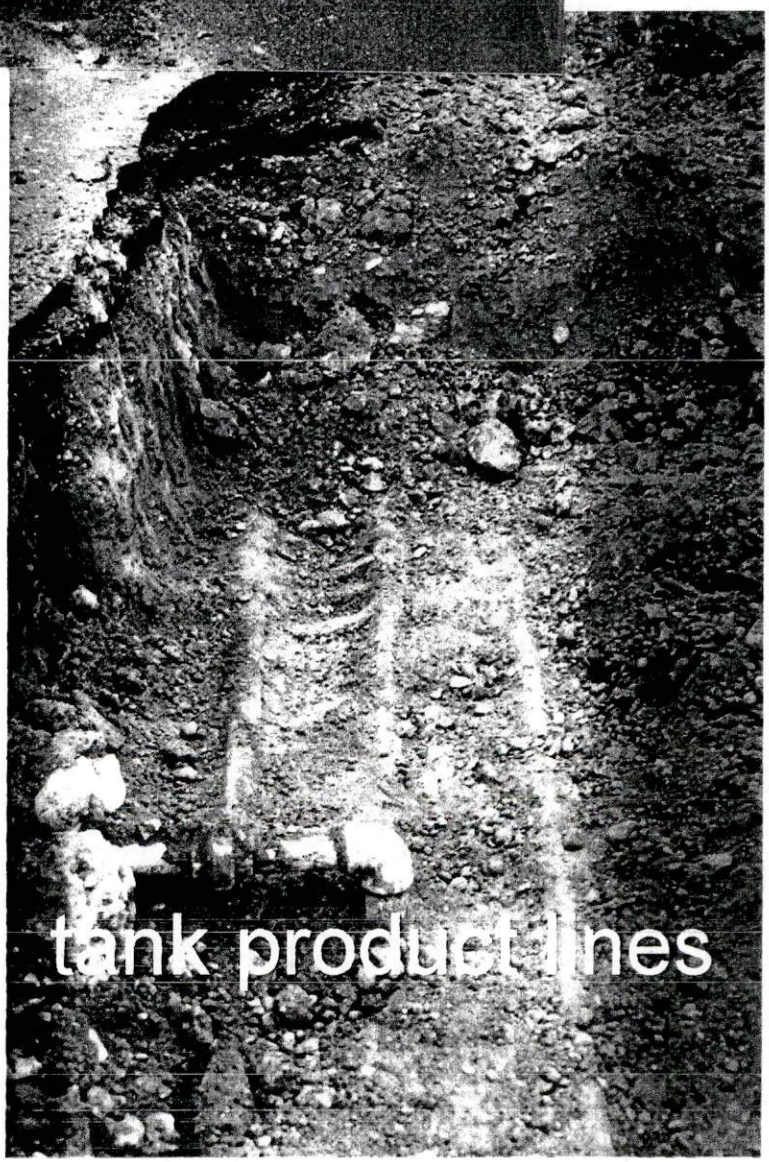
waste oil tank and
hydraulic lift

removed waste oil tank and
hydraulic lift

trenching to locate UST'S facing west

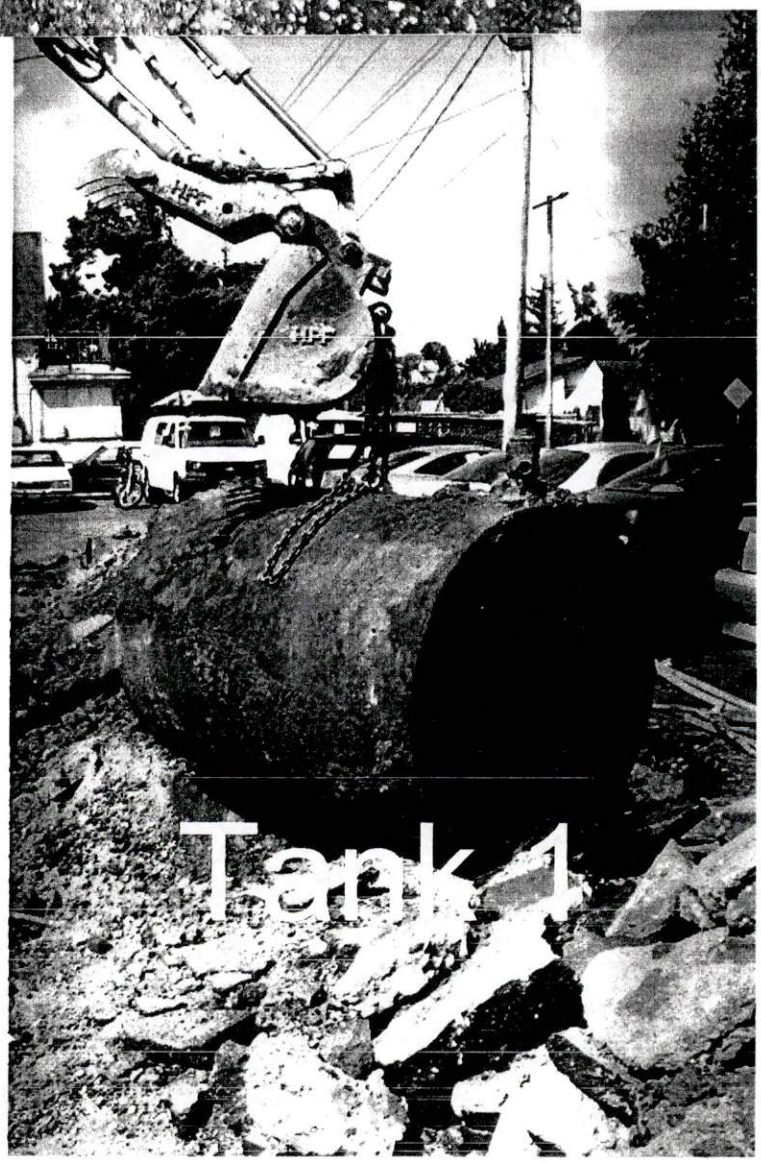


uncovered tank fill underneath asphalt

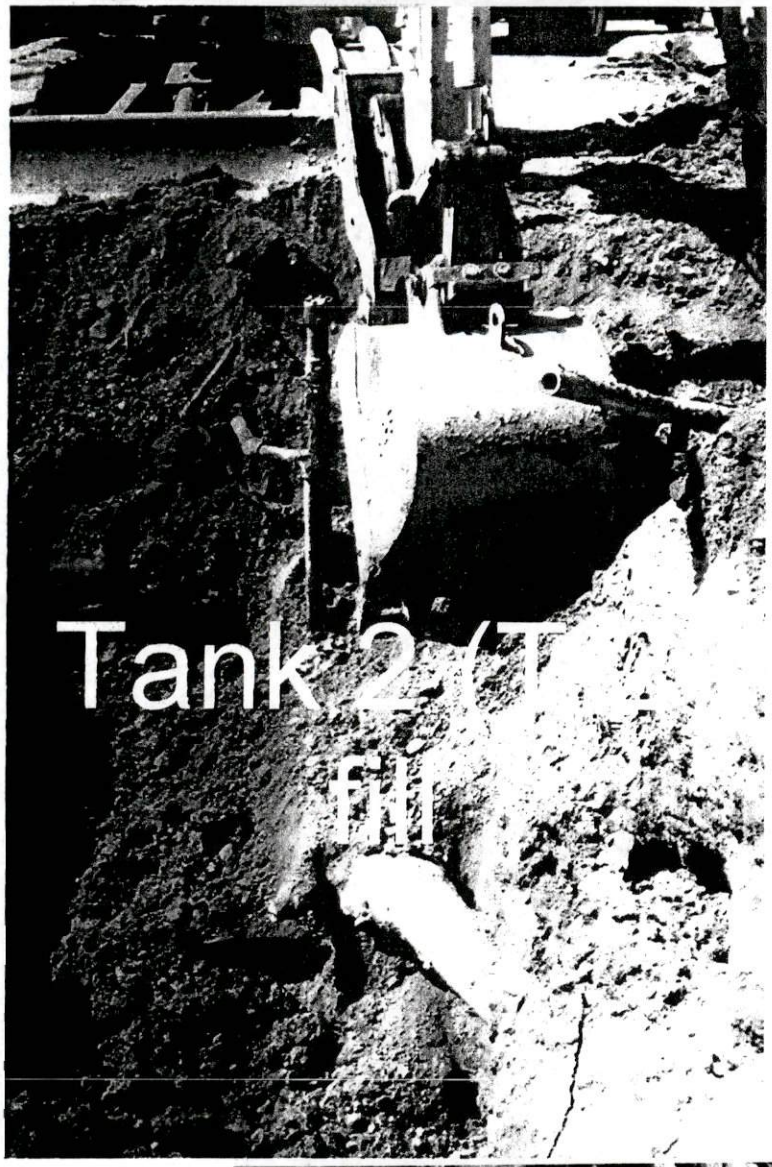


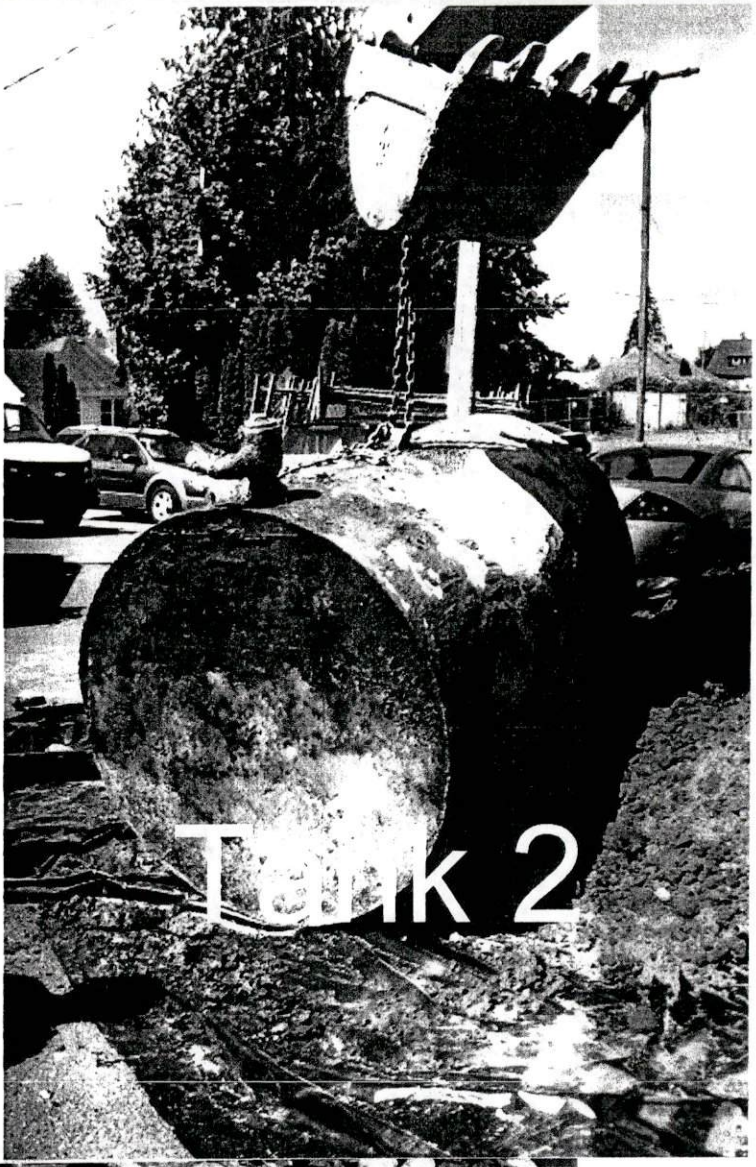
tank product lines

DLH ENVIRONMENTAL CONSULTING SEATTLE, WASHINGTON 206-632-3123



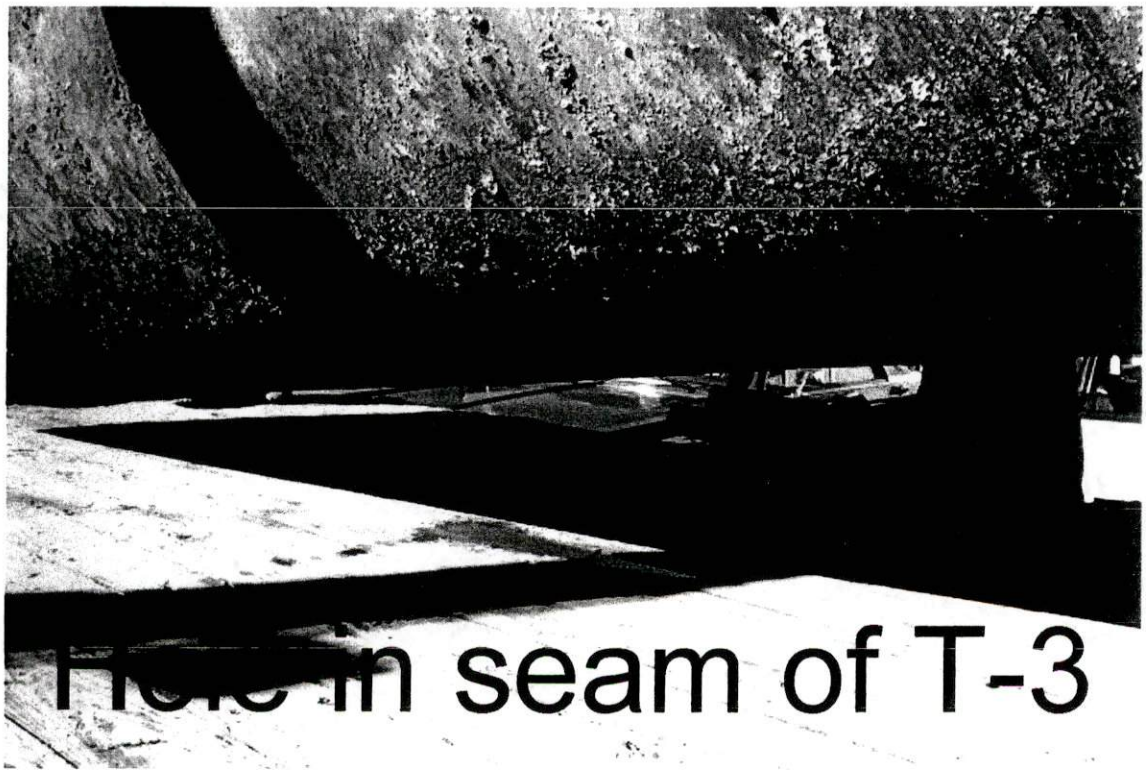
DLH ENVIRONMENTAL CONSULTING SEATTLE, WASHINGTON 206-632-3123


Tank 2 (T
fill


Tank 2

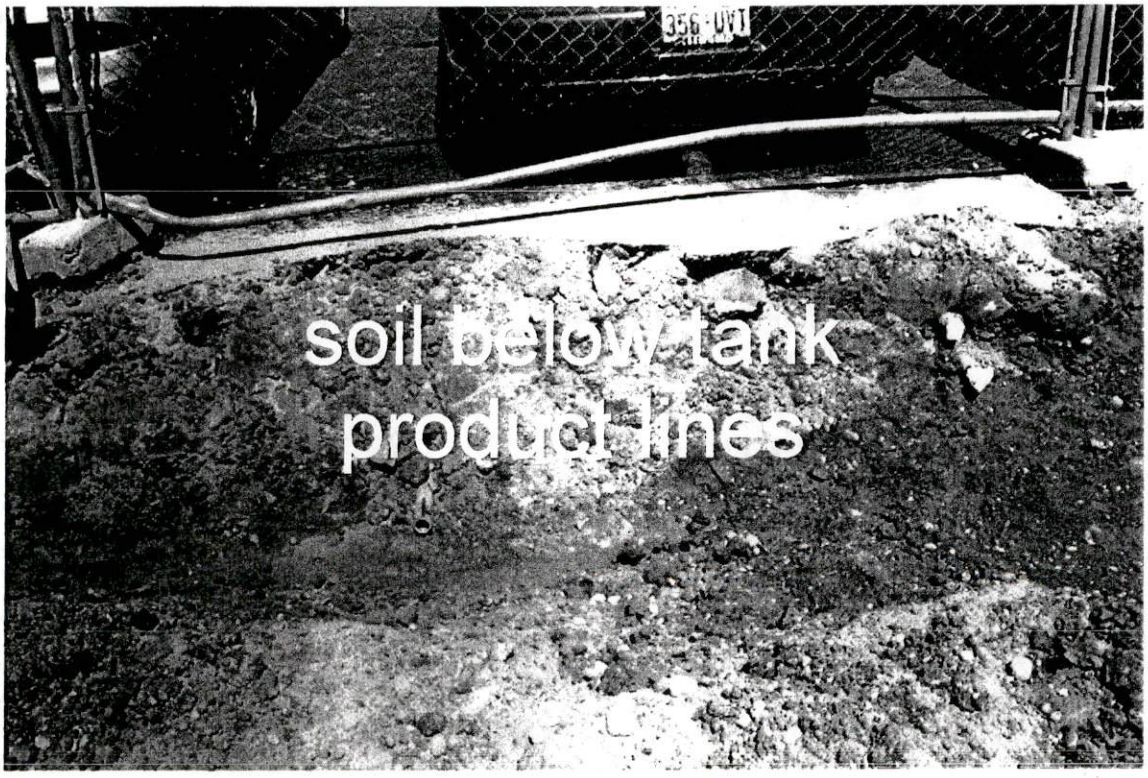

Holes in Tank 2

Tank 3 (T-3)



Hole in seam of T-3


Excavation
T1 - T3


soil below tank
product lines

APPENDIX B

LABORATORY REPORTS

CHAIN OF CUSTODY FORMS

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

October 20, 2010

Donna Hewitt, Project Manager
DLH Environmental Consulting
2400 NW 80th St., 114
Seattle, WA 98117-4449

Dear Ms. Hewitt:

Included are the results from the testing of material submitted on October 11, 2010 from the L&E Auto, F&BI 010117 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
DLH1020R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on October 11, 2010 by Friedman & Bruya, Inc. from the DLH Environmental Consulting L&E Auto, F&BI 010117 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	DLH Environmental Consulting
010117-01	101110-B-14
010117-02	101110-S-14
010117-03	101110-N-14
010117-04	101110-E-14
010117-05	101110-W-14

All quality control requirements were acceptable.

Date of Report: 10/20/10
Date Received: 10/11/10
Project: L&E Auto, F&BI 010117
Date Extracted: 10/12/10
Date Analyzed: 10/14/10 and 10/19/10

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

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

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
101110-B-14 010117-01	<0.02	<0.02	<0.02	<0.06	<5	111
101110-S-14 010117-02	<0.02	0.35	0.47	4.3	140	124
101110-N-14 010117-03	<0.02	<0.02	<0.02	<0.06	3	97
101110-E-14 010117-04	<0.02	<0.02	0.042	0.43	5.9	130
101110-W-14 010117-05 1/100	<2	68	72	420	5,700	ip
Method Blank 00-1616 MB	<0.02	<0.02	<0.02	<0.06	<5	117

Date of Report: 10/20/10
Date Received: 10/11/10
Project: L&E Auto, F&BI 010117

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Percent Recovery LCSD	Acceptance Criteria	RPD (Limit 20)
Benzene	mg/kg (ppm)	0.5	88	91	69-120	3
Toluene	mg/kg (ppm)	0.5	107	107	70-117	0
Ethylbenzene	mg/kg (ppm)	0.5	108	109	65-123	1
Xylenes	mg/kg (ppm)	1.5	105	106	66-120	1
Gasoline	mg/kg (ppm)	20	120	115	71-131	4

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

fb - Analyte present in the blank and the sample.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

OIGIT

SAMPLE CHAIN OF CUSTODY

ME 10/11/10

Page # 1 of 1 VSI

Send Report To Donna Hewitt
Company DLH
Address 2400 NW 80th St #114
City, State, ZIP Seattle, WA 98117
Phone # 206-632-3123 Fax # dlhenvironmental@aol.com

SAMPLERS (signature)

PROJECT NAME/NO. L3 E. Auto

PO #

REMARKS

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS					Notes
						ANALYSES REQUESTED										
101110-B-14	01A-D	10/11/10	10:42	Soil	4		X	X								
101110-S-14	02A-D	"	11:00	"	"		X	X								
-N-14	03A-D		11:58				X	X								
-E-14	04A-D		12:03				X	X								
-W-14	05A-D		12:05				X	X								

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	Donna Hewitt	DLH	10/11/10	1:45
Received by: Jan Shimazu	Jan Shimazu	FBA	10/10/10	1:45
Relinquished by:				
Received by:				

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

FORMS\COC\COC.DOC

Samples received at 19.0°C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

September 7, 2010

Donna Hewitt, Project Manager
DLH Environmental Consulting
2400 NW 80th St., 114
Seattle, WA 98117-4449

Dear Ms. Hewitt:

Included are the results from the testing of material submitted on August 23, 2010 from the L&E, F&BI 008262 project. There are 12 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
DLH0907R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 23, 2010 by Friedman & Bruya, Inc. from the DLH Environmental Consulting L&E, F&BI 008262 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	DLH Environmental Consulting
008262-01	82310-T3-B-9'5"
008262-02	82310-T3-B-12'
008262-03	82310-T3-W-9
008262-04	82310-T3-S-10
008262-05	82310-T3-E-10
008262-06	82310-Paint-White
008262-07	82310-Paint-Blue
008262-08	82310-Pipes.W-2

All quality control requirements were acceptable.

Date of Report: 09/07/10
Date Received: 08/23/10
Project: L&E, F&BI 008262
Date Extracted: 08/31/10 and 09/02/10
Date Analyzed: 09/01/10 and 09/02/10

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

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

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-132)
82310-T3-B-9'5" 008262-01 1/100	<2	93	120	790 ve	6,600	ip
82310-T3-B-12' 008262-02	0.09	1.6	0.80	4.6	32	123
82310-T3-W-9 008262-03 1/200	9.1	320	170	1,100	6,600	ip
82310-T3-S-10 008262-04 1/100	<2	49	100	830	8,900	ip
82310-T3-E-10 008262-05	<0.02	0.075	0.11	0.75	15	108
Method Blank 00-1348 MB2	<0.02	<0.02	<0.02	<0.06	<2	74
Method Blank 00-1409 MB	<0.02	<0.02	<0.02	<0.06	<2	116

Analysis For Total Metals By EPA Method 200.8

Client ID:	82310-T3-W-9	Client:	DLH Environmental Consulting
Date Received:	08/23/10	Project:	L&E, F&BI 008262
Date Extracted:	08/24/10	Lab ID:	008262-03
Date Analyzed:	08/26/10	Data File:	008262-03.019
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

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

Analyte:	Concentration mg/kg (ppm)
Lead	19.6

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	DLH Environmental Consulting
Date Received:	NA	Project:	L&E, F&BI 008262
Date Extracted:	08/23/10	Lab ID:	I0-457 mb
Date Analyzed:	08/26/10	Data File:	I0-457 mb.018
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

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

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

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

Client ID:	82310-Paint-White	Client:	DLH Environmental Consulting
Date Received:	08/23/10	Project:	L&E, F&BI 008262
Date Extracted:	08/31/10	Lab ID:	008262-06
Date Analyzed:	09/01/10	Data File:	008262-06.038
Matrix:	Paint	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	104	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	2.76	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

Client ID:	82310-Paint-Blue	Client:	DLH Environmental Consulting
Date Received:	08/23/10	Project:	L&E, F&BI 008262
Date Extracted:	08/31/10	Lab ID:	008262-07
Date Analyzed:	09/01/10	Data File:	008262-07.041
Matrix:	Paint	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	109	60	125

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Lead	3.19	5.0

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

Client ID:	Method Blank	Client:	DLH Environmental Consulting
Date Received:	NA	Project:	L&E, F&BI 008262
Date Extracted:	08/31/10	Lab ID:	I0-477 mb
Date Analyzed:	09/01/10	Data File:	I0-477 mb.036
Matrix:	Paint	Instrument:	ICPMS1
Units:	mg/L (ppm)	Operator:	AP

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

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

Date of Report: 09/07/10
Date Received: 08/23/10
Project: L&E, F&BI 008262

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

Laboratory Code: 008237-05 (Duplicate)

Analyte	Reporting Units	(Wet Wt) Sample Result	(Wet Wt) Duplicate Result	Relative Percent Difference (Limit 20)
Benzene	mg/kg (ppm)	<0.02	<0.02	nm
Toluene	mg/kg (ppm)	<0.02	<0.02	nm
Ethylbenzene	mg/kg (ppm)	<0.02	<0.02	nm
Xylenes	mg/kg (ppm)	<0.06	<0.06	nm
Gasoline	mg/kg (ppm)	4	<2	nm

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	104	66-121
Toluene	mg/kg (ppm)	0.5	102	72-128
Ethylbenzene	mg/kg (ppm)	0.5	102	69-132
Xylenes	mg/kg (ppm)	1.5	110	69-131
Gasoline	mg/kg (ppm)	20	125	61-153

Date of Report: 09/07/10
Date Received: 08/23/10
Project: L&E, F&BI 008262

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

Laboratory Code: 008262-08 (Duplicate)

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	98	69-120
Toluene	mg/kg (ppm)	0.5	103	70-117
Ethylbenzene	mg/kg (ppm)	0.5	108	65-123
Xylenes	mg/kg (ppm)	1.5	103	66-120
Gasoline	mg/kg (ppm)	20	95	71-131

Date of Report: 09/07/10
Date Received: 08/23/10
Project: L&E, F&BI 008262

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

Laboratory Code: 008250-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	20	5.27	98 b	100 b	65-126	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	20	106	81-120

Date of Report: 09/07/10
Date Received: 08/23/10
Project: L&E, F&BI 008262

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

Laboratory Code: 008262-06 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/L (ppm)	1.0	2.76	95 b	102 b	50-150	7 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/L (ppm)	1.0	95	70-130

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

fb - Analyte present in the blank and the sample.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

008262

SAMPLE CHAIN OF CUSTODY ME 8/23/10 VS2/D01

Send Report To Donna Hewitt
Company DLH
Address 2400 NW 80th St #114
City, State, ZIP Seattle, WA 98117
Phone # 206-632-3123 Fax # dlhenvironmental@aol.com

SAMPLERS (signature)
PROJECT NAME/NO. L3 1 E
PO #
REMARKS

Page # ___ of ___

TURNAROUND TIME
- [x] Standard (2 Weeks)
- [ ] RUSH
Rush charges authorized by:

SAMPLE DISPOSAL
- [x] Dispose after 30 days
- [ ] Return samples
- [ ] Will call with instructions

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	LEAD	TCLP Pb				Notes
82310-T3-B-9'5"	01 A-D	8/23/10	9:25	Soil	4		X	X									
-B-12'	02 A-D		9:29	Soil	4		X	X									
-W-9	03 A-E		9:32		5		X	X				X					
S-10	04 A-D		9:44		4		X	X									
E-10	05 A-D		9:46		4		X	X									
82310-Paint-White	06 ~~A-E~~		1:19	Paint Chip	1								X				
-Paint-Blue	07 ~~A-E~~		10:00	Paint Chip	1								X				
82310-Pipes-W-2	08 A-D	8/23	1:19	Soil	4												add 8/23/10 HL

ANALYSES REQUESTED

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:		Donna Hewitt	DLH	8/23/10	
Received by:	Michele Costales Pogue	Michele Costales Pogue	F&BI	8/23/10	3:10 PM
Relinquished by:					
Received by:					

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

FORMS\COC\COC.DOC

24 pc

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 26, 2010

Donna Hewitt, Project Manager
DLH Environmental Consulting
2400 NW 80th St., 114
Seattle, WA 98117-4449

Dear Ms. Hewitt:

Included are the results from the testing of material submitted on August 20, 2010 from the L&E, F&BI 008255 project. There are 8 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
DLH0826R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 20, 2010 by Friedman & Bruya, Inc. from the DLH Environmental Consulting L&E, F&BI 008255 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	DLH Environmental Consulting
008255-01	82010-Pipes
008255-02	82010-T1-B
008255-03	82010-T1-E
008255-04	82010-T1-N
008255-05	82010-T1-S
008255-06	82010-T2-N
008255-07	82010-T2-B-2
008255-08	82010-T2-W
008255-09	82010-T2-B-4

All quality control requirements were acceptable.

Date of Report: 08/26/10
Date Received: 08/20/10
Project: L&E, F&BI 008255
Date Extracted: 08/23/10
Date Analyzed: 08/23/10 and 08/24/10

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

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

Sample ID Laboratory ID	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Gasoline Range	Surrogate (% Recovery) (Limit 50-150)
82010-Pipes 008255-01	<0.02	<0.02	<0.02	<0.06	<2	114
82010-T1-B 008255-02 1/40	<0.8	19	40	300	5,100	ip
82010-T1-E 008255-03	<0.02	<0.02	<0.02	<0.06	<2	85
82010-T1-N 008255-04 1/40	<0.8	3.6	15	69	4,900	ip
82010-T1-S 008255-05 1/40	<0.8	15	36	280	7,400	ip
82010-T2-N 008255-06 1/100	6.0	92	100	720	8,700	ip
82010-T2-B-2 008255-07 1/10	1.5	120	110	790	12,000	ip
82010-T2-W 008255-08	<0.02	0.15	0.32	2.0	120	76
82010-T2-B-4 008255-09 1/10	3.4	460	290	2,000	20,000	ip
Method Blank 00-1305 MB	<0.02	<0.02	<0.02	<0.06	<2	74

Analysis For Total Metals By EPA Method 200.8

Client ID:	82010-T1-B	Client:	DLH Environmental Consulting
Date Received:	08/20/10	Project:	L&E, F&BI 008255
Date Extracted:	08/23/10	Lab ID:	008255-02
Date Analyzed:	08/23/10	Data File:	008255-02.015
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	97	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	19.6

Analysis For Total Metals By EPA Method 200.8

Client ID:	82010-T2-B-2	Client:	DLH Environmental Consulting
Date Received:	08/20/10	Project:	L&E, F&BI 008255
Date Extracted:	08/23/10	Lab ID:	008255-07
Date Analyzed:	08/23/10	Data File:	002555-07.016
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

Internal Standard:	% Recovery:	Lower Limit:	Upper Limit:
Holmium	99	60	125

Analyte:	Concentration mg/kg (ppm)
Lead	18.3

Analysis For Total Metals By EPA Method 200.8

Client ID:	Method Blank	Client:	DLH Environmental Consulting
Date Received:	NA	Project:	L&E, F&BI 008255
Date Extracted:	08/23/10	Lab ID:	I0-457 mb
Date Analyzed:	08/23/10	Data File:	I0-457 mb.018
Matrix:	Soil	Instrument:	ICPMS1
Units:	mg/kg (ppm)	Operator:	AP

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

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

Date of Report: 08/26/10
Date Received: 08/20/10
Project: L&E, F&BI 008255

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

Laboratory Code: 008255-01 (Duplicate)

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

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Benzene	mg/kg (ppm)	0.5	79	69-120
Toluene	mg/kg (ppm)	0.5	85	70-117
Ethylbenzene	mg/kg (ppm)	0.5	81	65-123
Xylenes	mg/kg (ppm)	1.5	84	66-120
Gasoline	mg/kg (ppm)	20	108	71-131

Date of Report: 08/26/10
Date Received: 08/20/10
Project: L&E, F&BI 008255

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

Laboratory Code: 008250-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Lead	mg/kg (ppm)	20	5.27	98 b	100 b	65-126	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Lead	mg/kg (ppm)	20	106	81-120

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

fb - Analyte present in the blank and the sample.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

008255

SAMPLE CHAIN OF CUSTODY

ME 8/20/10 VS7 A17

Send Report To: Donna Hewitt

Company: DLH

Address: 2400 NW 80th st #114

City, State, ZIP: Seattle, WA 98117

Phone #: 206-632-3123 Fax #: dlhenvironmental @ Aol. com

SAMPLERS (signature)

PROJECT NAME/NO.: L 1/3/1 E

PO #

REMARKS: 2 - 24HR RUSH the Rest by friday 27th

Page # ___ of ___

TURNAROUND TIME
- ☐ Standard (2 Weeks)
- ☒ RUSH
- Rush charges authorized by:

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

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS	LEAD					Notes	
82010-PiPcs	01 A-D	8/20/10	10:25	Soil	4		X	X										
* 82010-T1-B	02 A-E		12:13		5		X	X				X						
-T1-E	03A-D		12:15		4		X	X										
-T1-N	04 A-D		12:17		4		X	X										
-T1-S	05 A-D		12:21		4		X	X										
-T2-N	06 A-D		2:07		4		X	X										
* -T2-B-2	07 A-E		2:08		5		X	X				X					RUSH-24	7'6
-T2-W	08 A-D		2:10		4		X	X										
* -T2-B-4	09 A-D		2:15		4		X	X									RUSH-24	11'bgs
X		X	X	X	X													

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

	SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by:	[signature]	Donna Hewitt	DLH	8/20/10	4:20
Received by:	[signature]	Michael Erdahl	FKBm	1	1
Relinquished by:					
Received by:					

FORMS\COC\COC.DOC

Samples received at 24 °C

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

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

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

August 24, 2010

Donna Hewitt, Project Manager
DLH Environmental Consulting
2400 NW 80th St., 114
Seattle, WA 98117-4449

Dear Ms. Hewitt:

Included are the results from the testing of material submitted on August 19, 2010 from the L&E, F&BI 008231 project. There are 4 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

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

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
DLH0824R.DOC

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

CASE NARRATIVE

This case narrative encompasses samples received on August 19, 2010 by Friedman & Bruya, Inc. from the DLH Environmental Consulting L&E, F&BI 008231 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	DLH Environmental Consulting
008231-01	81910-N
008231-02	81910-S
008231-03	81910-E
008231-04	81910-W
008231-05	81910-B
008231-06	81910-B+4'
008231-07	81910-Hyd-7'

All quality control requirements were acceptable.

Date of Report: 08/24/10
Date Received: 08/19/10
Project: L&E, F&BI 008231
Date Extracted: 08/20/10
Date Analyzed: 08/20/10

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

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

Sample ID Laboratory ID	Diesel Range (C_{10}-C_{25})	Motor Oil Range (C_{25}-C_{36})	Surrogate (% Recovery) (Limit 53-144)
81910-N 008231-01	7,100	27,000	93
81910-S 008231-02	<50	<250	93
81910-E 008231-03	<50	<250	91
81910-W 008231-04	<50	<250	92
81910-B 008231-05	11,000	33,000	87
81910-B+4' 008231-06	5,600	13,000	95
81910-Hyd-7' 008231-07	<50	<250	91
Method Blank 00-1292 MB	<50	<250	92

Date of Report: 08/24/10
Date Received: 08/19/10
Project: L&E, F&BI 008231

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

Laboratory Code: 008231-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	(Wet wt) Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Diesel Extended	mg/kg (ppm)	5,000	21,000	33 b	19 b	64-133	54 b

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Diesel Extended	mg/kg (ppm)	5,000	107	58-147

Data Qualifiers & Definitions

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

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

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

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

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

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

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

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

fb - Analyte present in the blank and the sample.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

008831 [redacted] ME 08/19/10 [redacted] I05

Send Report To Donna Hewitt

Company DLH

Address 2400 NW 80th st #114

City, State, ZIP Seattle, WA 98117

Phone # 206-632-3123 ~~Fax #~~ dlhenvironmental@Aol.Com

SAMPLERS (signature) [signature]

Page # 1 of 1

PROJECT NAME/NO. LIE [illegible]

PO #

REMARKS 2 RUSH Samples

TURNAROUND TIME
- ☒ Standard (2 Weeks) 24HR,
- ☒ RUSH 2 Sample Only
- Rush charges authorized by:

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

Sample ID	Lab ID	Date	Time	Sample Type	# of containers	TPH-Diesel	TPH-Gasoline	BTEX by 8021B	VOCs by 8260	SVOCs by 8270	HFS						Notes
81910-N	01	8/19/10	10:12	Soil	1	X											
S	02	↓		↓	↓	X											
E	03	↓		↓	↓	X											
W	04	↓		↓	↓	X											
B	05	↓		↓	↓	X											24HR RUSH
B+4'	06	↓		↓	↓	X											24HR RUSH
Hyd-7'	07	↓	1:48	↓	↓	X											

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

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: [signature]	Donna Hewitt	DLH	8/19/10	4:30
Received by: [signature]	Nhan Phan	FeBI	8/19/10	430
Relinquished by:				
Received by:				

FORMS\COC\COC.DOC

Samples received at 22 °C

APPENDIX C

WASHINGTON STATE DEPARTMENT OF ECOLOGY UST SITE CHECK/SITE ASSESSMENT FORMS.

WASHINGTON STATE DEPARTMENT OF ECOLOGY

UNDERGROUND STORAGE TANK TEMPORARY/PERMANENT CLOSURE and SITE ASSESSMENT NOTICE

See back of form for instructions
Please ☑ the appropriate box(es)
Please type or print information

For Office Use Only
Owner #
Site #

☐ Temporary Tank Closure ☒ Permanent Tank Closure ☐ Change-In-Service ☒ Site Assessment/ Site Check

SITE INFORMATION:

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

Site/Business Name: L & E Auto Sales (Tenant)

Site Address: 2101 Burwell Place (Street) Telephone: (360) 377-6683

Bremerton (City) WA (State) 98311 (ZIP-Code)

TANK INFORMATION:

Tank ID	Closure Date	Tank Capacity	Substance Stored
T1	8/20/10	1000 gal	gasoline
T2	8/20/10	1000 gal	gasoline
T3	8/23/10	2000 gal	gasoline
T4	8/19/10	250 gallon	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.

UST SYSTEM OWNER/OPERATOR:

UST Owner/Operator: Dorothy Romberg + Estate of Mevelyn Romberg

Owners Signature: Harry Romberg for Estate of Mevelyn Romberg Dorothy Romberg Telephone: (206) 365-9302

Address: 11538 17th Ave NE (Street) (P.O. Box)

Seattle (City) WA (State) 98125 (ZIP-Code)

TANK CLOSURE/CHANGE-IN-SERVICE PERFORMED BY:

Service Provider: PESCO License Number:

Licensed Supervisor: Donna Hewitt (for PESCO) Decommissioning License Number:

Supervisors Signature:

Address: (Street) 2049 (P.O. Box)

Port Townsend (City) WA (State) 98368 (ZIP-Code)

Telephone: (800) 222-9219

SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Name of Registered Site Assessor: Donna Hewitt

Telephone: (206) 632-3123

Address: 2400 NW 80th Street (Street) Pmb #114 (P.O. Box)

Sea Hle, W (City) WA (State) 98117 (ZIP-Code)

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

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): Not Registered

Site/Business Name: L & E Auto Sales (Lessee)

Site Address: 2101 Burwell place (Street) Telephone: (206) 377-6683

Bremerton (City) WA (State) 98311 (ZIP-Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
T1	1000 gal	gasoline
T2	1000 gal	gasoline
T3	2000 gal	gasoline
T4	250 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.
- ____ 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.
- X Other (describe): Found tanks during Historical Review

TANK-11

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.	✓	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in the Site Assessment Guidance)	✓	
3.	A summary of UST system data is provided. (see Section 3.1)		✓
4.	The soils characteristics at the UST site are described. (see Section 5.2)	✓	✓
5.	Is there apparent groundwater in the tank excavation?		
6.	A brief description of the surrounding land is provided. (see Section 3.1)	✓	
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.	✓	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	✓	
	- groundwater samples distinguished from soil samples (if applicable)	NA	
	- samples collected from stockpiled excavated soil	✓	
	- tank and piping locations and limits of excavation pit	✓	
	- adjacent structures and streets	✓	
	- 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.	✓	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	✓	
12.	*The results of this site check/site assessment indicate that a confirmed release of regulated substance has occured.*	✓	

SITE ASSESSOR INFORMATION

DONNA HEWITT — PERSON REGISTERED WITH ECOLOGY

DLH — FIRM AFFILIATED WITH

BUSINESS ADDRESS: 2400 NW 80th St Pmb 114

TELEPHONE: (206) 632-3123

Seattle — CITY

WA — STATE

98117 — 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.

8/31/2010 — Date

Signature of Person Registered with Ecology

TANK - T2

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.	✓	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in the Site Assessment Guidance)	✓	
3.	A summary of UST system data is provided. (see Section 3.1)		✓
4.	The soils characteristics at the UST site are described. (see Section 5.2)	✓	✓
5.	Is there apparent groundwater in the tank excavation?		
6.	A brief description of the surrounding land is provided. (see Section 3.1)	✓	
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.	✓	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	✓	
	- groundwater samples distinguished from soil samples (if applicable)	NA	
	- samples collected from stockpiled excavated soil	✓	
	- tank and piping locations and limits of excavation pit	✓	
	- adjacent structures and streets	✓	
	- 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.	✓	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	✓	
12.	*The results of this site check/site assessment indicate that a confirmed release of regulated substance has occured.*	✓	

SITE ASSESSOR INFORMATION

DONNA HEWITT
PERSON REGISTERED WITH ECOLOGY

DLH
FIRM AFFILIATED WITH

BUSINESS ADDRESS: 2400 NW 80th St Pmb 114

TELEPHONE: (206) 632-3123

Seattle
CITY

WA
STATE

98117
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.

8/31/2010
Date

Signature of Person Registered with Ecology

TANK - T3

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.	✓	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in the Site Assessment Guidance)	✓	
3.	A summary of UST system data is provided. (see Section 3.1)		✓
4.	The soils characteristics at the UST site are described. (see Section 5.2)	✓	✓
5.	Is there apparent groundwater in the tank excavation?		
6.	A brief description of the surrounding land is provided. (see Section 3.1)	✓	
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.	✓	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	✓	
	- groundwater samples distinguished from soil samples (if applicable)	NA	
	- samples collected from stockpiled excavated soil	✓	
	- tank and piping locations and limits of excavation pit	✓	
	- adjacent structures and streets	✓	
	- 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.	✓	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	✓	
12.	*The results of this site check/site assessment indicate that a confirmed release of regulated substance has occured.*	✓	

SITE ASSESSOR INFORMATION

DONNA HEWITT
PERSON REGISTERED WITH ECOLOGY

DLH
FIRM AFFILIATED WITH

BUSINESS ADDRESS: 2400 NW 80th St Pmb 114

TELEPHONE: (206) 632-3123

Seattle
CITY

WA
STATE

98117
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.

8/31/2010
Date

Signature of Person Registered with Ecology

TANK - T4

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.	✓	
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in the Site Assessment Guidance)	✓	
3.	A summary of UST system data is provided. (see Section 3.1)		✓
4.	The soils characteristics at the UST site are described. (see Section 5.2)	✓	✓
5.	Is there apparent groundwater in the tank excavation?		
6.	A brief description of the surrounding land is provided. (see Section 3.1)	✓	
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.	✓	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected	✓	
	- groundwater samples distinguished from soil samples (if applicable)	NA	
	- samples collected from stockpiled excavated soil	✓	
	- tank and piping locations and limits of excavation pit	✓	
	- adjacent structures and streets	✓	
	- 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.	✓	
11.	Any factors that may have compromised the quality of the data or validity of the results are described.	✓	
12.	*The results of this site check/site assessment indicate that a confirmed release of regulated substance has occured.*	✓	

SITE ASSESSOR INFORMATION

DONNA HEWITT
PERSON REGISTERED WITH ECOLOGY

DLH
FIRM AFFILIATED WITH

BUSINESS ADDRESS: 2400 NW 80th St Pmb 114

TELEPHONE: (206) 632-3123

Seattle
CITY

WA
STATE

98117
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.

8/31/2010
Date

Signature of Person Registered with Ecology

APPENDIX D

TANK CLEANING AND SOIL DISPOSAL DATA

Marine Vacuum Service, _Inc._

GENERAL CONTRACTOR

CONTRACTORS LICENSE # MARINVS097JA

P0. Box 24263 Seattle, Washington 98124

Telephone (206) 762-0240

FAX (206) 763-8084

1-800-540-7491

STORAGE TANK

CERTIFICATE OF DESTRUCTION

DATE: 8/20 – 8/23/2010

ATTN: Pacific Environmental Service

TANK OWNER: L&E auto Sales

TANK LOCATION: 2101 Burwell pl, Bremerton, wa

TANK DESCRIPTION: 1-300 gallon & 2 -50o gallon tanks

LAST CONTENTS IIELD IN TANKS: Oil and Water.

Marine Vacuum Service, Inc certifies that the tank mentioned above was pumped of all liquid materials and washed clean with a high-pressure washer and soap solution. The tank has been disposed of by metal recycling and contents therein have been disposed of according to all Local, State and Federal Regulations.

Thank you,

Lucas Meier
Dispatcher

Olympic View Transfer Station

9300 SW Barney White Road, Port Orchard Washington

Profile # 102441WA

PERMIT TO DISPOSE OF NON-HAZARDOUS MATERIALS

This permit authorizes disposal of Customer's waste materials in accordance with the Industrial Waste & Disposal Services Agreement dated _ _____.

EXPIRES: 12/16/2010

GENERATOR: DOROTHY ROMBERG AND ESTATE OF MEVELYN ROMBERG - CS2

DESCRIPTION: *PCS - GASOLINE*	**VOLUME:** *60 tons*
☒ **CO-MINGLE** ☐ **SEGREGATE** ☐ **CLEAN-UP MATERIAL**	
LOCATION: *BREMERTON, WASHINGTON 227 NAVAL AVENUE*	**COUNTY:*** *Kitsap*
CONTACT: *HARRY ROMBERG*	**PHONE:** *206-365-9302*
	FAX: *hromb@aol.com*
Recertification: ☐Yes ☐ No	

BILLING: *PESCO VIA WM SALES*	**PO#:** *N/A*	**JOB#:** *N/A*

TYPE OF DISPOSAL/SPECIAL HANDLING : ***Commodity: contaminated soils***

*******PLEASE CALL OVTS TO SCHEDULE DISPOSAL*******

APPROVED: KC ***KRISTIN CASTNER*** DATE: ***10/09/10 3:54:56 PM***

A COPY OF THIS PERMIT MUST BE SHOWN BY EACH DRIVER

PROJECTS MUST BE SCHEDULED WITH FACILITY MANAGEMENT CALL : 360-674-2297

WASTE MANAGEMENT

2009
OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

Generator Name & Address:
Dorothy Romberg
and Estate of
Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

CS-2 13471

Date: 10/11/10

To: Pescoria WM Sales
profile # 102441 WA

G - 51,080
T - 26040
N 25,040
12.52 TONS

Billing: Pesco via WM Sale

Contact Person: Harry Romberg

Telephone #: 206 365-9302

TRK
MJ TRK 5 Jueler
Signature:

Acknowledgement of Loading

THOMAS WESTERLUND
Name (Please Print)

Thomas Westerlund
Signature

Pacific Environmental
Company

10-11-10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name: MJ

Truck #: TRK #5

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

THOMAS WESTERLUND
Driver's name (Please Print)

Thomas Westerlund
Driver's Signature

10-11-10
Date

2009

OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

Generator Name & Address:
Dorothy Romberg
and Estate of
Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

CS-2 14413 Date: 10/11/10

To: Pesco via WM Sales
profile #102441WA

G-32,060
T-16,180
N 15,880

7.94 TONS

Billing: Pesco via WM Sales

Contact Person: Harry Romberg

Telephone #: 206 365-9302

TRK PAC120 John L. Tyner Signature:

Acknowledgement of Loading

John L. Tyner
Name (Please Print)

Pacific Environmental
Company

John L. Tyner
Signature

10-11-10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name:

Truck #: TRK: 120

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

John L. Tyner
Driver's name (Please Print)

John L. Tyner
Driver's Signature

10-11-10
Date

2009

OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

Generator Name & Address:
Dorothy Romberg
and Estate of
Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

CS-2 14414 Date: 10/11/10

To: Pesco via WM Sales

~~profile#~~ 102441WA

Billing: Pesco via WM Sale

Contact Person: Harry Romberg

Telephone #: 206 365-9302

G- 55,300
T- 26180
N 29,120

14.56 TONS

TRK MJ #5 Signature:

Acknowledgement of Loading

THOMAS WESTERLUND
Name (Please Print)

Thomas Westerlund
Signature

Pacific Environmental
Company

10-11-10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name: MJ

Truck #: TRK #5

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

THOMAS WESTERLUND
Driver's name (Please Print)

Thomas Westerlund
Driver's Signature

10-11-10
Date

2009

OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

CS2 14426 Date: 10/11/10

To: Pesco via WM Sales
profile #102441 WA

G-49140
T-26220
N 22,920

11.46 TONS

TRK MJ-5

Signature:

Generator Name & Address:
Dorothy Romberg
and Estate of
Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

Billing: Pesco via WM Sales

Contact Person: Harry Romberg

Telephone #: 206 365-9302

Acknowledgement of Loading

THOMAS WESTERLUND
Name (Please Print)

Thomas Westerlund
Signature

Pacific Environmental
Company

10-11-10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name: MJ

Truck #: TRK #5

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

THOMAS WESTERLUND
Driver's name (Please Print)

Thomas Westerlund
Driver's Signature

10-11-10
Date

2009
OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

Generator Name & Address:
Dorothy Romberg
and Estate of
Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

CS-2 14440 Date: 10/11/10
To: Pesco via WM Sales
profile#102441 WA

G- 31700
T- 16,140
N 15,560
7.78 TONS

TRK PAC120 [signature]
~~MJ TRK~~ 6
Signature:

Billing: Pesco via WM Sales

Contact Person: Harry Romberg

Telephone #: 206 365-9302

Acknowledgement of Loading

John L. Tyner
Name (Please Print)

Pacific Environmental
Company

[signature]
Signature

10/11/10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name: ---

Truck #: TRK: 120

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

John L Tyner
Driver's name (Please Print)

[signature]
Driver's Signature

10/11/10
Date

2009
OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

14441

Date: 10/11/10

CS-2

To: Pesco via WM Sales profile #102441 WA

Generator Name & Address:
Dorothy Romberg and Estate of Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

Billing: Pesco via WM Sales

Contact Person: Harry Romberg

Telephone #: 206 365-9302

G-55100
T-26140 14.48
N 28960

TRK MJ TRK 5

Signature:

TONS

Acknowledgement of Loading

THOMAS WESTERLUND
Name (Please Print)

Thomas Westerlund
Signature

Pacific Environmental
Company

10-11-10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name: MJ

Truck #: TRK #5

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

THOMAS WESTERLUND
Driver's name (Please Print)

Thomas Westerlund
Driver's Signature

10-11-10
Date

2009

OLYMPIC VIEW TRANSFER STATION
BILL OF LADING/WEIGH TICKET

OLYMPIC VIEW TRANSFER STATION

14442

CS-2

Date: 10/11/10

To: Pesco via WM Sales profile # 102441WA

Generator Name & Address:
Dorothy Romberg and Estate of Melvelyn Romberg
227 Naval Avenue
Bremerton, WA

G-30540 7.21
T-16120
N 14420

TRK PAC 120

TONS

Billing: Pesco via WM Sales

Contact Person: Harry Romberg

Telephone #: 206 365-9302

Signature:

Acknowledgement of Loading

John L. Tyner
Name (Please Print)

Pacific Environmental
Company

John L. Tyner
Signature

10-11-10
Date

Deliver To:
Olympic View Transfer Station
9300 SW Barney White Road
Port Orchard, WA 98367
Tel# (360) 674-2297
Monday-Friday 8:00am-5:00pm

Disposal Facility:
Columbia Ridge Landfill & Recycling Facility
18177 Cedar Springs Lane
Arlington, Oregon 97812
Tel# (541)454-2030

Transporter Name: PAC ENV

Truck #: TRK 120

Container#:

Waste Profile#: 102441WA

Waste Type: CS2/PCS-Gasoline

Expiration Date: 12-16-10

John L Tyner
Driver's name (Please Print)

John L. Tyner
Driver's Signature

10-11-10
Date

APPENDIX E

PERMITS AND CERTIFICATIONS

INTERNATIONAL CODE COUNCIL

DONNA HEWITT

The International Code Council attests that the individual named on this certificate has satisfactorily demonstrated knowledge as required by the International Code Council by successfully completing the prescribed written examination based on codes and standards then in effect, and is hereby issued this certification as:

UST Decommissioning

Given this day of July 1, 2009

Certificate No. 1044716-U2

Adolf Zubia
President, Board of Directors

INTERNATIONAL CODE COUNCIL, INC. CERTIFIED WASHINGTON, D.C.

Richard P. Weiland
Chief Executive Officer

ICC INTERNATIONAL CODE COUNCIL®

DONNA HEWITT
WASHINGTON STATE SITE ASSESSMENT

The individual named hereon is CERTIFIED in the category shown, having been so certified pursuant to successful completion of the prescribed written examinations.
Expiration date: **June 8, 2012**
No. **1044716**

Not valid unless signed by certificate holder.
ICC certification attests to competent knowledge of codes and standards

Birmingham District Office
Certification and Testing Department
900 Montclair Road
Birmingham, Alabama 35213
Tel: 888-422-7233 extension 5524
Fax: 205-599-9897
www.iccsafe.org

DONNA HEWITT
2400 NW 80TH ST PMB 114
SEATTLE, WA 98117

From: Certification and Testing Department
Date: July 1, 2010
Subject: **June 8, 2010 ADMINISTRATION**
Examination: **WASHINGTON STATE SITE ASSESSMENT**

Congratulations! You have demonstrated a commitment to the code enforcement profession by successfully achieving ICC certification. Your wallet card is enclosed. Your certification information will be posted on the Certification Website as an Active Certification. http://www.iccsafe.org/ACCREDITATION

RENEWAL: Prior to the expiration date shown on your wallet card, we will mail you a reminder notice with information on certification renewal to your address on record. If your address has changed, please see CHANGE OF ADDRESS below. Unless otherwise specified, we will mail the renewal reminder notice 6 months before your Certification expiration date. This is done so far in advance because we want to help ensure you have sufficient time to accrue the necessary Continuing Education Units (CEUs).

AST/UST certification renewal – Certification is valid for a two year period. You may renew by retaking and passing the exam. State licensing may vary. Contact the appropriate state agency in charge of AST/UST work for information on licensing requirements.

ICC California UST Inspector certification renewal – Certification is valid for a two year period. Renew by retaking and passing the exam or by fulfilling the continuing educational requirements approved by the State Water Resources Control Board, Underground Storage Tank Program Manager. Contact the appropriate state agency in charge of UST work for information on certification requirements.

NAFED **certification renewal** – **NAFED** must receive your application for recertification and documentation within 60 days prior to the expiration date of the current certification. http://www.nafed.org/certification/

Renewal of certifications is the responsibility of the certified individual. Please make sure you keep track of your renewal date(s).

CHANGE OF ADDRESS: It is extremely important that you **notify** ICC Renewal Department **of any change of address** to avoid the possibility of your renewal information not being received. The change of address form is located on the ICC website at http://www.iccsafe.org/Accreditation/Pages/safety.aspx.

If you have achieved a NAFED certification you must notify **NAFED** of any change of address. http://www.nafed.org

Best wishes for continued success in your career, and thank you for your interest in the Certification Programs of the International Code Council.

Yours very truly,

Certification and Testing Department

Enclosure

It is hereby certified that Donna L. Hewitt

has satisfactorily complied with and completed the statutory requirements set forth in title 18 revised code of Washington to engage in practice as a

Geologist

And is hereby authorized, empowered and granted the right to engage in that practice within the State of Washington subject to the state laws.

Given under the hand and seal of the director this fifth day of June, 2002.

Fred Stephens
DIRECTOR

Geologist Licensing Board

Jeffrey H. Randall
CHAIR

No. 899

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID KE DLHEN-1

DATE (MM/DD/YYYY) 04/20/10

PRODUCER

Assurance Brokers Ltd.
95 North Research Dr Ste 100
Edwardsville IL 62025
Phone: 618-692-9800 Fax: 618-692-9865

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED

DLH Environmental Consulting
2400 NW 80th Street #114
Seattle WA 98117

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: American Safety RRG, Inc.	25448
INSURER B:	
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY				EACH OCCURRENCE	$ 1,000,000
		X COMMERCIAL GENERAL LIABILITY	ENV013037-10-05	04/24/10	04/24/11	DAMAGE TO RENTED PREMISES (Ea occurence)	$ 50,000
		CLAIMS MADE X OCCUR				MED EXP (Any one person)	$ 5,000
		X POLLUTION LIAB	ENV013037-10-05	04/24/10	04/24/11	PERSONAL & ADV INJURY	$ 1,000,000
		GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	$ 1,000,000
		POLICY PRO-JECT LOC				PRODUCTS - COMP/OP AGG	$ 1,000,000
		AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	$
		ANY AUTO				BODILY INJURY (Per person)	$
		ALL OWNED AUTOS				BODILY INJURY (Per accident)	$
		SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident)	$
		HIRED AUTOS					
		NON-OWNED AUTOS					
		GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$
		ANY AUTO				OTHER THAN AUTO ONLY: EA ACC	$
						AGG	$
		EXCESS/UMBRELLA LIABILITY				EACH OCCURRENCE	$
		OCCUR CLAIMS MADE				AGGREGATE	$
		DEDUCTIBLE					$
		RETENTION $					$
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS / OTH-ER	
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				E.L. EACH ACCIDENT	$
		If yes, describe under SPECIAL PROVISIONS below				E.L. DISEASE - EA EMPLOYEE	$
						E.L. DISEASE - POLICY LIMIT	$
		OTHER					
A		Professional Liab.	ENV013037-10-05	04/24/10	04/24/11	Aggregate	1,000,000
						Ea. Claim	1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

For informational and bidding purposes.

CERTIFICATE HOLDER

INFORMA

INFORMATIONAL PURPOSES

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE