Kent Poulsbo RV

LSI Adapt
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Seattle, Washington 98104
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VCP NW1486
LUST 591986

August 6, 2004

LSI - Adapt Job No. WA04-11238-PH2

U. S. BANCORP
Real Estate Technical Services
PD-WA-T6FI
1420 – 5th Avenue, Suite 600
Seattle, WA 98101

Attention: Mr. Robert M. Wearne, MAI, SRA

Subject: Limited Phase II Environmental Site Assessment
Kent – Poulsbo RV
23051 Military Road South
Kent, Washington 98032
RETECHS File No: CCV04-316/2300 SEA

Dear Mr. Wearne:

LSI Adapt (Adapt) is pleased to provide you with the results of our Limited Phase II Environmental Site Assessment for the above referenced site. This report is provided for U.S. Bancorp and their agents. If this report is to be reproduced and/or transmitted to a third party, it must be reproduced and/or transmitted in its entirety. Any exceptions will be made only with the written permission of Adapt.

Adapt appreciates the opportunity to be of service to you on this project. Should you have any questions concerning this report, or if we can assist you in any way, please feel free to contact us at (206) 654-7045.

Respectfully Submitted,

LSI Adapt

Charles C. Cacek, L.E.G.
Senior Project Manager

CCC/ccc

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Respectfully Submitted,

LSI Adapt

Charles C. Cacek, L.E.G.
Senior Project Manager

CCC/ccc

RETECHS ENVIRONMENTAL REVIEW

CONSULTANT

Firm: LSI Adapt	Report Signature(s)	Registration/State	Degree
	Charles C. Cacek Daryl S. Petrarca	WA WA	Geology Geology
Date of the Report: 8/06/04			

Type of Report: ☐ Transaction Screen ☐ Phase I ESA X Phase II ESA ☐ Borrower Questionnaire/RM Site Inspection Form
☐ Other (describe):

Suspected or Existing Environmental Condition(s)	Consultant's Findings		
	Not Suspected	More info needed to make determination	Field sampling or testing recommended
Underground Storage Tank(s) / UST	X	☐	☐
Above Ground Storage Tank(s) / AST	X	☐	☐
Septic System With On-Site Drainfield	X	☐	☐
Oil/Water Separator	X	☐	☐
Dry Wells or Injection Wells	X	☐	☐
Lack of Secondary Containment (Drums or AST's)	X	☐	☐
Contamination of Soil	☐	X See Conclusions	X See Conclusions
Contamination of Ground Water	X	☐	☐
Use of Pesticides On Site	X	☐	☐
PCB's (transformers/ballasts etc.)	X	☐	☐
Asbestos Containing Material (ACM) Present (pre-1980 construction)	X	☐	☐
Lead-based Paint (pre-1979 construction)	X	☐	☐
Potential Lead in Drinking Water Supply	X	☐	☐
Radon	X	☐	☐
Wetland	X	☐	☐
Mold (excessive indoor moisture)	X	☐	☐
Impact from offsite source(s)	X	☐	☐
Other (see Consultant's Recommendations identified below)	☐	☐	☐

CONSULTANT'S RECOMMENDATIONS (Items checked for "more info needed" and for "field sampling or testing")	
Issue	Estimated Cost
Conclusions Soil samples collected from borings advanced within the building did not indicate detectable concentrations of petroleum hydrocarbons in the vicinity of the former hydraulic hoists within the service area of the southern building on the parcel. Soil samples collected from borings adjacent to the catch basin in the southern building and in areas of the parking lot south of the building did not exhibit significant concentrations of petroleum hydrocarbons or VOCs, including chlorinated solvents. However, a soil sample collected from a hand boring advanced near the southeast corner of the building exhibited an elevated concentrations of gasoline-range TPH , benzene, and xylenes that were in excess of MTCA Method A cleanup levels. Supplemental information obtained from a site worker revealed that three USTs (two – 1,000-gallon gasoline, one-550-gallon used oil) were previously removed from this location in 1998. This information was not provided at the time of our initial inquiry for our previous Phase I ESA, nor was this information available for our review at Ecology or upon querying the Kent Fire Department during the Phase I site assessment. In addition, no information we were able to obtain indicated if an environmental assessment or remedial action was completed at the time of removal. It would be advisable to obtain any previous UST closure/remediation reports from the previous site owner(s), if such reports exist. In lieu of such reports, the former gasoline/used oil UST area at the southeast corner of the southern building generally remains uncharacterized. In Adapt's opinion, it would be prudent to consider a supplemental assessment of this portion of the site to help define the limits of impacts to the soil, and to assess the risk of potential groundwater impacts. The results of such an assessment would allow for better estimation of potential monetary risk associated with the property. Alternatively, if a previous UST assessment report with analytical test results is discovered, Adapt would provide review and reconsideration of our recommendations.	

THE SECTION BELOW IS FOR U.S. BANK USE ONLY
RETECHS REVIEWER

Signature:

Name:

Title:

Date:

US bancorp.

Real Estate Technical Services – RETECHS

TABLE OF CONTENTS

Attachments:

1.0 INTRODUCTION

1.1 Site Description

The subject site is located at 23051 Military Road South in Kent, King County, Washington (Section 15-Township 22 North - Range 4 East, Willamette Meridian).

The subject site is an irregular-shaped property that includes one tax parcel and two separate lots that together cover a reported 5.87 acres. The northern and southern lots are each developed with buildings. The northern lot supports a service garage building, and the southern lot supports a combination sales and service building. The balance of the lots are asphalt-paved and are utilized for recreational vehicle storage.

1.2 Project Background

Adapt completed a Phase I Environmental Site Assessment, dated May 18, 2004, for the subject site (Adapt Report No. WA04-11238-PH1). Based upon the results of our assessment, Adapt revealed the following possible environmental conditions at the site:

- The former presence of a 10,000 gallon capacity gasoline underground storage tank on the northern portion of the property;
- The presence of decommissioned underground hydraulic hoists located within the southern building;
- The past usage of the southern portion of the southern lot for construction equipment staging and storage.
- The shop in the southern building includes a floor drain that is connected to an oil-water separator that is reportedly connected to the municipal stormwater system.
- The lack of secondary containment associated with above ground storage tanks and drums.

Confirmation sampling around the former gasoline UST coupled with the results of limited Phase II assessment did not indicate the presence of significant contaminant concentrations, and no further action was recommended. However, the report recommended that a subsurface investigation to completed to assess conditions in the former equipment storage area and the decommissioned hoists.

1.3 Purpose

The purpose of this assessment is to evaluate the possible presence of the petroleum hydrocarbons associated with the decommissioned hoists, and petroleum hydrocarbons and volatile organic compounds associated with possible former equipment storage and catch basin and oil/water separator locations. This preliminary study did not include the work scope required to fully delineate the exact vertical and lateral extent of possible on-site or off-site contamination.

1.4 Scope of Work and Authorization

The scope of work for this project consisted of the collection of soil, and analytical testing of recovered samples for petroleum hydrocarbons and volatile organic compounds, including chlorinated solvents. Mr. Robert M. Wearne of U.S. Bank provided written authorization to perform this Phase II on July 14, 2004, (RETECHS File No: CCV04-316/2300 SEA).

2.0 ACTIVITIES

2.1 Sample Collection and Observations

This phase of work involved advancing eight (8) Strataprobe borings (designated GP-1 through GP-8) and one hand boring (designated HB-1) to depths ranging from about 10.5 feet to 14 feet (bgs). The Strataprobe borings were advanced using a direct push drill rig, owned and operated by Environmental Services Network (ESN), Inc., under subcontract to our firm. The hand boring was advanced using a steel hand auger. All borings were supervised, sampled, and logged by an Adapt Licensed Geologist. The borings were located based on preliminary findings of previous environmental studies, field observations, and site access. Figure 2 show the approximate locations of the borings, site boundaries, and other pertinent site features. Subsurface exploration and soil sampling procedures are described in Appendix B.

Soil samples were generally collected in all of the Strataprobe borings from continuous probing using a four-foot long core soil sampler with an acetate liner or four-foot long spilt spoon sampler, which is pushed as the lead section of the tool string. Soil samples were collected continuously from the hand boring. Discrete soil samples were collected for each interval at significant lithologic changes and/or based on visual, olfactory or field screening data as evaluated by the on-site geologist. Soil samples were collected using a clean stainless steel, disposable trowel, or gloved hand and transferred to a clean 4-ounce glass jar with a Teflon® lined lid. The jars were filled minimizing headspace. The soil samples were stored in a cooler at approximately 4 degrees Celsius for transport to the project analytical laboratory. All samples were collected, stored and transported under standard Chain of Custody (COC) procedures. A completed COC form is presented in Appendix C.

All soil samples were field screened using a MiniRae 10.6ev Photoionization Detector (PID). Field screen samples were collected from the remaining soil in the sampled interval. A representative soil sample was placed in a Ziplock® type plastic bag and sealed. The sample was allowed to volatilize for at least 10 minutes prior to obtaining a reading. The PID tip was inserted in small hole poked in the bag just prior to reading. The highest PID reading observed was recorded on the boring log sheet, as were any subjective olfactory impressions of the sample by the on-site geologist.

Upon completion, the test probe holes were abandoned by placing dry bentonite into the probe holes, which was then hydrated. The probe holes were sealed to match the existing surface. The probe and sampling equipment were decontaminated between each sampling event using water and Alconox wash and water rinse.

3.0 RESULTS

3.1 Subsurface Conditions: Soil

The site borings generally disclosed asphalt or concrete pavement and gravel base course overlying variable gravelly sand fill soils, locally silt-rich, with minor organic fragments, that

extended to depths ranging from about 4 feet to 10 feet below ground surface (bgs). These soils were underlain by dense, moist, tan-gray to gray, silty, gravelly fine sand with less silty sand-rich zones. These underlying soils were interpreted to be glacial till soils that extended to the full depth explored of 14 feet bgs. Groundwater seepage or wet soils zones were not encountered in any of the site explorations. Figure 2 shows the approximate locations of the borings, site boundaries, and other pertinent site features. Subsurface exploration and soil sampling procedures are described in Appendix B.

All soil samples were field screened using a MiniRae Photoionization Detector (PID). Soils screened from borings GP-1 through GP-8 did not exhibit obvious signs of contaminant impacts, such as staining odors, or significant PID readings. Samples collected and screened from below the 8-foot depth in boring HB-1, drilled adjacent to the southeast corner of the building on the southern parcel, exhibited PID readings of up to 740 parts per million (ppm) and petroleum odors.

4.0 QUANTITATIVE ANALYSES

The analytical testing was performed by ESN, Inc., which is a Washington certified laboratory.

4.1 Quantitative Analyses- Soil

Soil

Selected soil samples collected from borings GP-1 through GP-8 did not exhibit detectable concentrations of gasoline-through mineral oil-range total petroleum hydrocarbons (TPH). Sample HB-1/10-10.5 exhibited a gasoline-range TPH concentration of 1,200 ppm which was in excess of the MTCA cleanup level of 100 ppm. This sample also exhibited detectable concentrations of benzene (0.06 ppm), ethylbenzene (4.3 ppm), and xylenes (14 ppm). The benzene and xylenes concentrations were in excess of respective MTCA Method A cleanup levels. Sample GP-7/7.5-8 exhibited a xylenes concentration of 0.49 ppm, which is below the MTCA Method A cleanup level of 9 ppm. These samples did not exhibit detectable concentrations of other volatile organic compounds, including chlorinated solvents. Also, samples GP-1/7-8 and GP-8/3-4 did not exhibit detectable concentrations of VOCs. Analytical results are summarized on Table 2 below, and the laboratory certificates and chain of custody forms are included in Appendix C.

Table 1 : Summary of Analytical Results: Soil							
ID	Depth (ft)	PID (ppm)	Gasoline (ppm)	Diesel (ppm)	Heavy Oil (ppm)	Mineral Oil (ppm)	VOCs
GP-1/7-8	7-8	0.0	<20	<50	<100	<100	NotD
GP-2/10-11	10-11	0.0	<20	<50	<100	<100	NT
GP-3/10-11	10-11	0.0	<20	<50	<100	<100	NT
GP-4/10-11	10-11	0.0	<20	<50	<100	<100	NT
GP-5/9-10	9-10	0.0	<20	<50	<100	<100	NT
GP-6/9-10	9-10	0.0	<20	<50	<100	<100	NT
GP-7/7.5-8	7.5-8	0.0	<20	<50	<100	<100	*
GP-8/3-4	3-4	0.0	<20	<50	<100	<100	NotD
HB-1/10.5-11	10.5-11.0	740	1,200	NT	NT	NT	**
MTCA Method A Cleanup Levels			100/30	2,000	2,000	4,000	varies

NotD= Not Detected above standard laboratory detection levels

MTCA = Model Toxics Control Act

ppm = parts per million

VOCs = volatile organic compounds by EPA Method 8021b

NotD = Not Detected

NT = Not Tested

* = exhibited detectable concentration of ethylbenzene (0.42 ppm)

** = exhibited detectable concentrations of benzene (0.06 ppm); toluene (4.3 ppm) and xylenes (14 ppm).

5.0 SUPPLEMENTAL HISTORICAL INFORMATION

While on-site completing hand boring HB-1, a shop worker at the Poulsbo RV facility stated that petroleum USTs and a pump were formerly located adjacent to the southeast corner of the shop building. At the time of our site walk-through for the Phase I ESA, Ms. Gloria Lynn, the service/parts manager of Poulsbo RV, did not indicate the former presence of a UST system at this location. Adapt queried the City of Kent Fire Department during the Phase I and was informed that no records existed regarding USTs on the southern portion of the subject site. Based upon anecdotal information, Adapt again queried the City of Kent Fire Department regarding petroleum USTs at the site. This request indicated that two 1,000-gallon capacity gasoline USTs and one 550-gallon capacity used oil UST were removed from adjacent to the southeast corner of the southern building in 1998 for "Valley I-5." Documentation and a site drawing obtained from the Fire Department are included in Appendix D. We questioned a representative with the Fire Department as to why this information was not provided at the time of our original inquiry for our Phase I ESA. The representative stated that not everybody in their office is familiar with all of the aspects of database retrieval from the new system, and it is possible that this is record was somehow overlooked. It should also be noted that no files were available for our review at Ecology at the time of the Phase I that addressed these USTs.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Soil samples collected from borings advanced within the building did not indicate detectable concentrations of petroleum hydrocarbons in the vicinity of the former hydraulic hoists within the

service area of the southern building on the parcel. Soil samples collected from borings adjacent to the catch basin in the southern building and in areas of the parking lot south of the building did not exhibit significant concentrations of petroleum hydrocarbons or VOCs, including chlorinated solvents. However, a soil sample collected from a hand boring advanced near the southeast corner of the building exhibited an elevated concentrations of gasoline-range TPH, benzene, and xylenes that were in excess of MTCA Method A cleanup levels. Supplemental information obtained from a site worker revealed that three USTs (two – 1,000-gallon gasoline, one-550-gallon used oil) were previously removed from this location in 1998. This information was not provided at the time of our initial inquiry for our previous Phase I ESA, nor was this information available for our review at Ecology or upon querying the Kent Fire Department during the Phase I site assessment. In addition, no information we were able to obtain indicated if an environmental assessment or remedial action was completed at the time of removal.

It would be advisable to obtain any previous UST closure/remediation reports from the previous site owner(s), if such reports exist. In lieu of such reports, the former gasoline/used oil UST area at the southeast corner of the southern building generally remains uncharacterized. In Adapt's opinion, it would be prudent to consider a supplemental assessment of this portion of the site to help define the limits of impacts to the soil, and to assess the risk of potential groundwater impacts. The results of such an assessment would allow for better estimation of potential monetary risk associated with the property. Alternatively, if a previous UST assessment report with analytical test results is discovered, Adapt would provide review and reconsideration of our recommendations.

6.0 LIMITATIONS

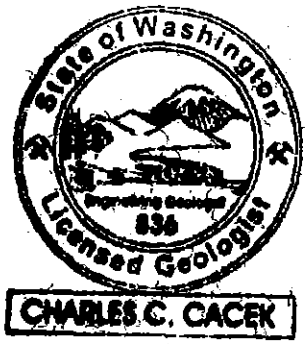
Information contained in this report is based upon site characterization, field observations, and the laboratory analyses completed for this study. Conclusions presented are professional opinions based upon our interpretation of the analytical laboratory test results, as well as our experience and observations during the field activities. The number, locations, and depth of the explorations, as well as the analytical scope were completed within the site and proposal constraints. Adapt's observations and the analytical data are limited to the vicinity of each test probe and do not necessarily reflect conditions across the site. No other warranty, express or implied is made. In the event that additional information regarding either the site or surrounding properties becomes known, or changes to existing conditions occurs, the conclusions in this report should be reviewed, and if necessary, revised to reflect the updated information. Project specific limitations are presented in the appropriate sections of this report.

This report has been prepared for the exclusive use of US Bancorp and their agents for specific application to the project site. Use or reliance upon this report by a third is at their own risk. Adapt does not make any representation or warranty, express or implied, to such other parties as to the accuracy or completeness of this report or the suitability of its use by such other parties for any purpose whatever, known or unknown, to Adapt.

Adapt appreciates the opportunity to be of service to you on this project. Should you have any questions concerning this report, or if we can assist you in any way, please contact us at (206) 654-7045.

Respectfully Submitted,

LSI Adapt



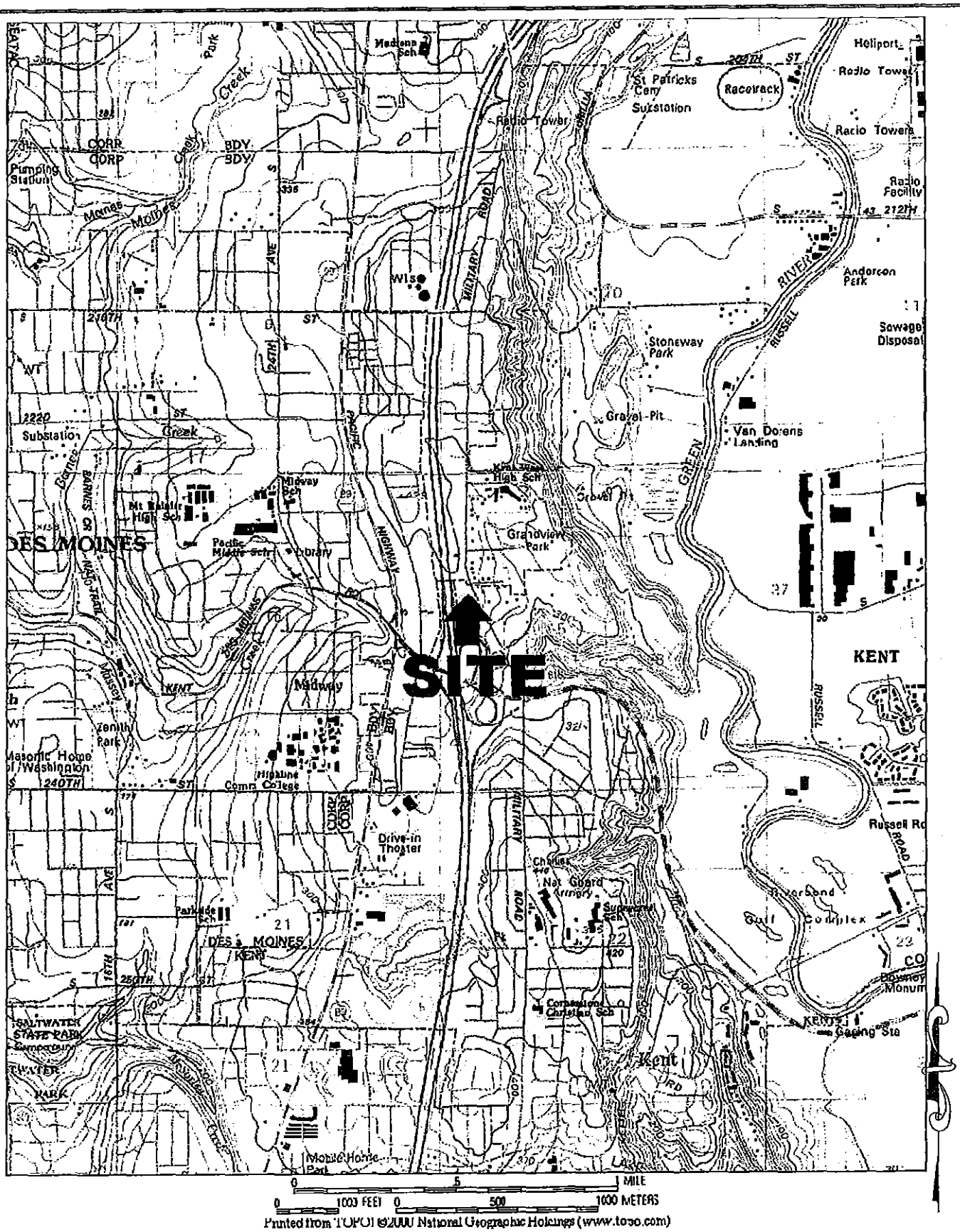
Charles C. Cacek, L.E.G.
Senior Project Manager

Daryl S. Petrarca, L.H.G.
Environmental Services
Senior Reviewer

CCC/ccc

APPENDIX A

FIGURES



LSI ADAPT, INC.
615 8th Avenue South
Seattle, Washington 98104

Ph : 206.654.7045 Fax : 206.654.7048

FIGURE 1 - Location/Topographic Map

Project : Kent Poulsbo RV – Southern Parcel
Location : 23051 Military Road South
Kent, Washington 98032
Client : US Bancorp
Date : 07/19/04 **Job #** : S-WA-04-11238-PH2

APPENDIX B

SUBSURFACE EXPLORATION PROCEDURES AND BORING LOGS

APPENDIX B

SUBSURFACE EXPLORATION PROCEDURES AND BORING LOGS

Strataprobe Borings
The field exploration program conducted for this study consisted of advancing a series of 8 Strataprobe borings and one hand auger boring. The approximate locations are illustrated on Figure 2. These locations were obtained in the field by taping and pacing from existing site features.

The Strataprobe borings were advanced on July 17, 2004 by Environmental Services Network (ESN), Inc., a local exploration drilling company under subcontract to our firm. Each boring consisted of driving a 1.5-Inch outside diameter drill rod and attached sample barrel and probe tip with a truck-mounted drill rig. The drill rod was pushed to the desired sampling depth then the sample barrel was pushed either two-feet or four feet dependant on soil sampler length. Soil samples were continuously obtained using either a two-foot or four-foot long sampler. Borings were continuously observed and logged in the field by a geologist from our firm. Prior to each boring, the drilling equipment and sampling tools were decontaminated.

The hand auger boring was advanced by Adapt personnel on July 22, 2004 using a steel hand auger. Samples were obtained continuously from the boring. Soils were logged in the field by a geologist from our firm. Prior to each sample collection, the auger and sampling tools were decontaminated.

Characterization of Soil
Relatively undisturbed soil samples were collected at either two-foot of four-foot intervals by using a two-foot or four-foot long split spoon sample barrel lined with an acetate liner. The split spoon sample barrel was pushed to the desired depth and then pushed into undisturbed soil at the bottom of the boring.

The soil samples were characterized by an experienced geologist from Adapt. The samples were visually classified and screened using a photoionzation detector in the field.

Soil Sampling Procedures
The soil samples were removed at each interval using procedures designed to minimize the risk of cross contamination. Prior to each boring, the drilling equipment and sampling tools were scrubbed with a stiff brush and a solution of Liquinox (a phosphate free detergent) and water, and then rinsed with potable water and deionized water. The samples were classified and screened In the field, and Immediately transferred to laboratory-prepared glass jars, and tightly sealed with a Teflon-lined, threaded cap. Samples were stored and transported in a chilled-cooler throughout the field program. All retained soil samples were subsequently transferred to the chemical testing laboratory in accordance with Adapt, chain-of-custody procedures.

POST SAMPLING ACTIVITIES

Once the sample is collected into the appropriate container, the outside of the bottle should be wiped with a clean paper towel to remove excess sampling material. If necessary, a clean paper towel moistened with alconox solution is used.

The sample bottle is then properly labeled, covering both the lid and the container so the seal has to be broken to open it. The sample is placed in a plastic bag and preserved at approximately 4°C in a cooler with ice. Information such as sample number, location, collection time and sample description is be recorded in the field logbook. Associated paperwork (e.g. Chain of Custody forms, Sample Analysis Request forms) is completed and stays with the sample. The samples are packaged in a manner that will allow the appropriate storage temperature to be maintained during shipment to the lab. Samples should be delivered to the lab within 24 hours so that proper temperature maintenance is assured and analytical holding times are not exceeded.

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : **GP-1**
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	4-inches concrete over gravel base course over moist, brown, gravelly, fine to medium SAND, trace silt (Fill)		GP-1/3-4		0.0			
			GP-1/7-8		0.0			
5	Loose to medium dense, moist, dark brown, silty, gravelly, fine to medium SAND, some wood fragments (Fill)				0.0			WTPH HCID EPA 8021b
	Dense to very dense, moist, gray, gravelly, silty fine SAND with cleaner sand-rich zones (Glacial Till)		GP-1/9-10		0.0			
10			GP-1/12-13		0.0			
	Boring terminated at 13.0 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE ▽ DATE — Static Water Level at Drilling / Static Water Level
- Perched Groundwater
- WTPH-D Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

File Name : Geoprobe Log.dwg

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : GP-2
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	4-inches concrete over gravel base course over dark brown to black, silty, gravelly fine to medium SAND; 3.0-4.0 feet mixed with some organics (Fill)		GP-2/3-4		0.0			
					0.0			
5	Dense to very dense, tan-brown, gravelly, silty fine SAND with cleaner sand-rich zones (Glacial Till)		GP-2/7-8		0.0			
			GP-2/8-9		0.0			
10	Gray		GP-2/10-11		0.0			WTPH HCID
	Boring terminated at 11.0 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE ▽ — Static Water Level at Drilling
- DATE ▽ — Static Water Level
- Perched Groundwater
- WTPH-D Ext 8015 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

File Name : Geoprobe Log.dwg

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : **GP-3**
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	4-inches concrete over gravel base course over moist, brown, gravelly, SAND (Fill)							
	Moist, brown-black, gravelly, silty fine SAND; mixed with some organics at 2.5 to 3.5 feet		GP-3/3-4		0.0			
5	Dense to very dense, moist, oxidized brown, gravelly, silty fine SAND with cleaner sand-rich zones		GP-3/7-8		0.0			
			GP-3/10-11		0.0			
10	Gray		GP3-12.5-13.5		0.0			WTPH HCID
	Boring terminated at 13.5 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE ▽ — Static Water Level at Drilling
- DATE ▽ — Static Water Level
- Perched Groundwater
- WTPH-D Ext 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

File Name : Geoprobe Log.dwg

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : GP-4
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	4-inches concrete over gravel base course over moist, brown, gravelly fine to coarse SAND, trace silt (Fill)		GP-4/2.5-3.5		0.0			
	Moist, dark brown to black, gravelly, silty fine SAND mixed with some organics (Fill)		GP-4/7-8		0.0			
5	Medium dense, moist, oxidized brown, gravelly fine SAND, some silt to "silty" (Fill)				0.0			
			GP-4/10-11		0.0			
10	Dense to very dense, moist, gray, gravelly, silty fine to medium SAND (Glacial Till)		GP-4/13-14		0.0			WTPH HCID
15	Boring refusal at 14.0 feet bgs. No groundwater seepage encountered.							
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE — Static Water Level at Drilling
- DATE — Static Water Level
- Perched Groundwater
- WTPH-D Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

File Name : Geoprobe Log.dwg

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : GP-5
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	4-inches concrete over gravel base course over moist, brown, gravelly fine to medium SAND, trace silt (Fill)		GP-5/3-4		0.0			
5	Moist, oxidized brown, gravelly, silty fine SAND with some organics (Fill)		GP-5/7-8		0.0			
	Dense to very dense, moist, tan-gray to gray, gravelly, silty fine SAND with cleaner, sand-rich zones (Glacial Till)		GP-5/9-10		0.0			WTPH HCID
10			GP-5/1010.5-11.5		0.0			
	Boring refusal at 11.5 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE ▽ DATE — Static Water Level at Drilling / Static Water Level
- Perched Groundwater
- WTPH-D Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

File Name : Geoprobe Log.dwg

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : **GP-6**
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	4-inches concrete over gravel base course over moist, brown, fine to medium SAND, trace silt (Fill)				0.0			
5	Dense to very dense, moist, gray, gravelly, silty fine to medium SAND with cleaner sand-rich zones (Glacial Till)		GP-6/7-8		0.0			
			GP-6/9-10		0.0			
10	Boring refusal at 10.0 feet bgs. No groundwater seepage encountered.							WTPH HCID
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE ▽ DATE ▼ Static Water Level at Drilling / Static Water Level / Perched Groundwater
- WTPH-D Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

File Name : Geoprobe Log.dwg

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : **GP-7**
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	2-inches asphalt over gravel base course over loose, moist, gray-brown, silty, gravelly fine to coarse SAND with some silt and gravel (Fill)		GP-7/3-4		0.0			
			GP-7/7.5-8		1.0			WTPH HCID EPA 8021b
5								
	Dense to very dense, moist, gray, silty, gravelly fine to medium SAND with cleaner sand-rich zones (Glacial Till)		GP-7/10-11		0.0			
10			GP-7/11-12		0.0			
	Boring refusal at 12.0 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE ▽ DATE — Static Water Level at Drilling / Static Water Level
- Perched Groundwater
- WTPH-D Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

File Name : Geoprobe Log.dwg

GEOPROBE LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Geoprobe No. : **GP-8**
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Casing Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	AS-BUILT WELL DESIGN	LABORATORY TESTING
0	2-inches asphalt over gravel base course over loose, moist, brown, silty fine SAND with some gravel (Fill)		GP-8/3-4		0.0			
5	Dense to very dense, moist, tan-gray, gravelly, silty fine to coarse SAND with some cleaner sand-rich zones		GP-8/7-8		0.0			WTPH HCID EPA 8021b
					0.0			
10	Gray, silty, gravelly fine SAND		GP-8/10-11		0.0			
	Boring refusal at 11.0 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- GeoProbe Sampler
- Sample not Recovered
- DATE — Static Water Level at Drilling
- DATE — Static Water Level
- Perched Groundwater
- WTPH-D Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling

File Name : Geoprobe Log.dwg

Start Date : 07/17/04 Completion Date : 07/17/04 Logged By : C.C.C.

HAND BORING LOG

LSI ADAPT
615 8th Avenue South
Seattle, Washington 98104
TEL: 206.654.7045 FAX: 206.654.7048

PROJECT : Kent Poulsbo RV - Southern Parcel Job Number : WA04-11238-PH2 Boring No. : **HB-1**
LOCATION : 23051 Military Road South
Kent, Washington 98032 US Bancorp

Ground Surface Elevation : N/A Elevation Reference : N/A

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNT	PID READING	GROUND WATER	NOTES	LABORATORY TESTING
0	2-inches asphalt and gravel base course over gravelly SAND, trace silt (Fill)							
5	With moderate petroleum odor	100 to 1000 g	HB-1/7-7.5		30			
		100 to 1000 g	HB-1/9-9.5		90			WTPH-G EPA 8021b
10	Dense, moist, gray, gravelly, silty fine SAND (Glacial Till) with strong petroleum odor	100 to 1000 g	HB-1/10-10.5		740			
	Boring refusal at 10.5 feet bgs. No groundwater seepage encountered.							
15								
20								
25								
30								

LEGEND

- Dynamic Cone Penetrometer Test (Equivalent SPT Blowcount shown)
- Shelby Tube Sample
- Sample not Recovered
- DATE — Static Water Level at Drilling
- DATE — Static Water Level
- DATE — Perched Groundwater
- 100 to 1000 g — Bag Sample
- WTPH-G Ext. 8010 — Type of Analytical Testing Performed
- NR — No Recovery
- ATD — At Time of Drilling
- XX — Grain Size Analysis (% fines shown)
- XX — 200 Wash (% fines shown)

File Name : Hand Boring Log.dwg

Start Date : 07/22/04 Completion Date : 07/22/04 Logged By : C.C.C.

APPENDIX C

LABORATORY CERTIFICATION

ESN NORTHWEST
Environmental
Services Network

July 26, 2004

Chuck Cacek
LSI-Adapt Engineering, Inc.
615 8th Avenue South
Seattle, WA 98104

Dear Mr. Cacek:

Please find enclosed the analytical data report for Poulsbo RV Project in Kent, Washington. Direct Push services were conducted on July 17, 2004. Soil samples were analyzed for Hydrocarbon Identification by NWTPH-HCID and Specific Halogenated Hydrocarbons and BTEX by Method 8021B on July 20 – 22, 2004.

The results of the 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 analytical work is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to LSI Adapt for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael A. Korosec
President

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

ESN NORTHWEST CHEMISTRY LABORATORY

POULSBO RV PROJECT
Kent, Washington
LSI Adapt

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	7/20/04	103	nd	nd	nd	nd
Method Blank	7/21/04	106	nd	nd	nd	nd
GP-1/ 7-8	7/20/04	131	nd	nd	nd	nd
GP-2/ 10-11	7/21/04	112	nd	nd	nd	nd
GP-2/ 10-11 Dup.	7/21/04	71	nd	nd	nd	nd
GP-3/ 10-11	7/20/04	100	nd	nd	nd	nd
GP-4/ 10-11	7/20/04	98	nd	nd	nd	nd
GP-4/ 10-11 Dup.	7/20/04	101	nd	nd	nd	nd
GP-5/ 9-10	7/20/04	81	nd	nd	nd	nd
GP-6/ 9-10	7/20/04	118	nd	nd	nd	nd
GP-7/ 7.5-8	7/20/04	104	nd	nd	nd	nd
GP-8/ 3-4	7/20/04	112	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: Marilyn Farmer & Matthew Sebonia

ESN NORTHWEST CHEMISTRY LABORATORY

POULSBO RV - KENT PROJECT
Kent, Washington
LSI Adapt
Client Project #WA04-11238 PH2

Specific Halogenated and Aromatic Hydrocarbons (EPA 8021B) in Soil

Sample Description		Method Blank	GP-1/7-8	GP-7/7.5-8	GP-8/3-4	GP-8/3-4 Dup.
Date Sampled		---	7/17/04	7/17/04	7/17/04	7/17/04
Date Analyzed		7/22/04	7/22/04	7/22/04	7/22/04	7/22/04
	MDL (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.25	nd	nd	nd	nd	nd
Benzene	0.02	nd	nd	nd	nd	nd
Toluene	0.05	nd	nd	nd	nd	nd
Ethylbenzene	0.05	nd	nd	nd	nd	nd
Total Xylenes	0.05	nd	nd	0.42	nd	nd
1,1-Dichloroethene	0.05	nd	nd	nd	nd	nd
Methylene chloride	0.05	nd	nd	nd	nd	nd
trans-1,2-Dichloroethene	0.05	nd	nd	nd	nd	nd
1,1-Dichloroethane	0.05	nd	nd	nd	nd	nd
cis-1,2-Dichloroethene	0.05	nd	nd	nd	nd	nd
Chloroform	0.05	nd	nd	nd	nd	nd
1,1,1-Trichloroethane (TCA)	0.05	nd	nd	nd	nd	nd
Carbon tetrachloride	0.05	nd	nd	nd	nd	nd
1,2-Dichloroethane	0.05	nd	nd	nd	nd	nd
Trichloroethene (TCE)	0.02	nd	nd	nd	nd	nd
1,1,2-Trichloroethane	0.05	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	0.05	nd	nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	0.05	nd	nd	nd	nd	nd
Surrogate Recovery (%)		108	95	111	130	124

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

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

ANALYSES PERFORMED BY: T. McCall

ESN NORTHWEST CHEMISTRY LABORATORY

POULSBO RV - KENT PROJECT
Kent, Washington
LSI Adapt
Client Project #WA04-11238 PH2

QA/QC Data - EPA 8021B Analyses

	Sample Description: GP-8/3-4						
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	(%)
Benzene	1.00	0.98	98	1.00	1.01	101	3.02
Toluene	1.00	1.03	103	1.00	0.95	95	8.08
1,1-Dichloroethene	1.00	0.96	96	1.00	0.98	98	2.06
Trichloroethene (TCE)	1.00	0.99	99	1.00	0.99	99	0.00

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	1.00	0.85	85
Toluene	1.00	0.87	87
1,1-Dichloroethene	1.00	0.97	97
Trichloroethene (TCE)	1.00	0.85	85

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: T. McCall

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: LSI Adapt

ADDRESS: 615 4TH AVENUE SOUTH SEATTLE 98104

PHONE: 206 654 7305 FAX: 206 654 7043

CLIENT PROJECT #: WA04-11238 PH 2 PROJECT MANAGER: Chuck Cacek

DATE: 7/17/04 PAGE 1 OF 2

PROJECT NAME: Poulsbo RV - Kent

LOCATION: 23051 Military Rd. S. Kent

COLLECTOR: Chuck Cacek DATE OF COLLECTION 7/17/04

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. GP-1 | 3-4		8:23	Soil	1-4oz																		HOLD		
2. GP-1 | 7-8		8:26			X			X																
3. GP-1 | 9-10		8:32																						
4. GP-1 | 12-13		8:37																						
5. GP-2 | 3-4		8:58																						
6. GP-2 | 7-8		9:03																						
7. GP-2 | 9-10		9:14																						
8. GP-2 | 10-11		9:16						X																
9. GP-3 | 3-4		9:36																						
10. GP-3 | 7-8		9:40																						
11. GP-3 | 10-11		9:46						X																
12. GP-3 | 12½-13½		9:51																						
13. GP-4 | 2½-3½		10:09																						
14. GP-4 | 7-8		10:13																						
15. GP-4 | 10-11		10:19						X																
16. GP-4 | 13-14		10:28																						
17. GP-5 | 3-4		10:48																						
18. GP-5 | 7-8		10:53																						

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	7/17/04	[signature]	7/17/04
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	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES:

Call if HOLD hits

Turn Around Time: 24 HR. 48 HR. 5 DAY

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

TOTAL P.03

CLIENT: LSI Adapt

ADDRESS: 615 8TH AVENUE S. SEATTLE 98104

PHONE: 206 654 7045 FAX: 206 654 7043

CLIENT PROJECT #: WA04-11238-PH2

PROJECT MANAGER: Chuck Cacek

DATE: 7/17/04 PAGE 2 OF 2

PROJECT NAME: Poulsbo RV - Kent

LOCATION: 23051 Military Rd Kent

COLLECTOR: Chuck Cacek DATE OF COLLECTION: 7/17

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 (oil)	PAH 8100	PAH 8270	PCBs 8082	Pesticides 8081	EPH	VPH	Methamphetamine	Pb	Hex Chrome	NOTES	Total Number of Containers	Laboratory
1. GP-5 9-10		10:50	Soil	1-4oz				X														HOLD		
2. GP-5 10'9-11½		11:05																						
3. GP-6 7-8'		11:27																						
4. GP-6 9-10		11:33						X																
5. GP-7 3-4'		12:36																						
6. GP-7 7'2"8		12:11			X			X																
7. GP-7 10-11		12:18																						
8. GP-7 11-12		12:23																						
9. GP-8 3-4		12:39			X			X																
10. GP-8 7-8		12:42																						
11. GP-8 10-11		12:50																						
12.																								
13.																								
14.																								
15.																								
16.																								
17.																								
18.																								

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	7/17/04 1:10p	[signature]	7/17/04 1:10
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	
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 DA)

ESN NORTHWEST
Environmental Services Network

July 26, 2004

Chuck Cacek
LSI-Adapt Engineering, Inc.
615 8th Avenue South
Seattle, WA 98104

Dear Mr. Cacek:

Please find enclosed the analytical data report for Poulsbo RV Project in Kent, Washington. Soil samples were analyzed for Gasoline by NWTPH-Gx and Specific Halogenated Hydrocarbons and BTEX by Method 8021B on July 22, 2004.

The results of the 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 analytical work is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to LSI Adapt for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Michael A. Korosec
President

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

ESN NORTHWEST CHEMISTRY LABORATORY

POULSBO RV PROJECT
Kent, Washington
LSI Adapt

Analyses of Gasoline (NWTPH-Gx) in Soil

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (mg/kg)
Method Blank	7/22/04	92	nd
HB-1/10-10.5	7/22/04	int	1,200
HB-1/10-10.5 Dup.	7/22/04	int	1,300
Method Detection Limits			10

"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: Matthew Sebonia

ESN NORTHWEST CHEMISTRY LABORATORY

POULSBO RV PROJECT
Kent, Washington
LSI Adapt

Specific Halogenated and Aromatic Hydrocarbons (EPA 8021B) in Soil

Sample Description		Method Blank	HB-1/10-10.5
Date Sampled		---	7/22/04
Date Analyzed		7/22/04	7/22/04
	MDL (mg/kg)	(mg/kg)	(mg/kg)
Vinyl chloride	0.25	nd	nd
Benzene	0.02	nd	0.06
Toluene	0.05	nd	nd
Ethylbenzene	0.05	nd	4.3
Total Xylenes	0.05	nd	14
1,1-Dichloroethene	0.05	nd	nd
Methylene chloride	0.05	nd	nd
trans-1,2-Dichloroethene	0.05	nd	nd
1,1-Dichloroethane	0.05	nd	nd
cis-1,2-Dichloroethene	0.05	nd	nd
Chloroform	0.05	nd	nd
1,1,1-Trichloroethane (TCA)	0.05	nd	nd
Carbon tetrachloride	0.05	nd	nd
1,2-Dichloroethane	0.05	nd	nd
Trichloroethene (TCE)	0.02	nd	nd
1,1,2-Trichloroethane	0.05	nd	nd
Tetrachloroethene (PCE)	0.02	nd	nd
1,1,1,2-Tetrachloroethane	0.05	nd	nd
1,1,2,2-Tetrachloroethane	0.05	nd	nd
Surrogate Recovery (%)		108	111

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

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

ANALYSES PERFORMED BY: T. McCall

ESN NORTHWEST CHEMISTRY LABORATORY

POULSBO RV PROJECT
Kent, Washington
LSI Adapt

QA/QC Data - EPA 8021B Analyses

Sample Description:	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)	(%)
Benzene	1.00	0.98	98	1.00	1.01	101	3.02
Toluene	1.00	1.03	103	1.00	0.95	95	8.08
1,1-Dichloroethene	1.00	0.96	96	1.00	1.04	104	8.00
Trichloroethene (TCE)	1.00	0.99	99	1.00	0.99	99	0.00

	Laboratory Control Sample		
	Spiked Conc. (mg/kg)	Measured Conc. (mg/kg)	Spike Recovery (%)
Benzene	1.00	0.85	85
Toluene	1.00	0.87	87
1,1-Dichloroethene	1.00	0.97	97
Trichloroethene (TCE)	1.00	0.85	85

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY:

ESN NORTHWEST | Environmental Services Network

CHAIN-OF-CUSTODY RECORD

CLIENT: LSI Adapt

ADDRESS: 615 8TH Avenue South Seattle WA 98104

PHONE: 206-654-7045 FAX: 206-654-7049

CLIENT PROJECT #: _____ PROJECT MANAGER: _____

DATE: 7/22/04 PAGE 1 OF 1

PROJECT NAME: ~~Kelso~~ Poulsbo KU - Kent

LOCATION: 23051 Military Rd. South, Kent

COLLECTOR: Charles Cacek DATE OF COLLECTION 7/22/04

Sample Number	Depth	Time	Sample Type	Container Type	VOA 8021B	VOA 8021B BTEX Only	VOA 8260	SEMI VOL 8270	TPH - HCID	NWTPH 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. HB-1/6½-7'		7:30	Soil	1-402																				Hold		
2. HB-1/10-10½		7:50	Soil	"	X					X																
3.																										
4.																										
5.																										
6.																										
7.																										
8.																										
9.																										
10.																										
11.																										
12.																										
13.																										
14.																										
15.																										
16.																										
17.																										
18.																										

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
[signature]	7/22/04 9:10	[signature]	7/22/04 9:10
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	
CHAIN OF CUSTODY SEALS Y/N/NA	
SEALS INTACT? Y/N/NA	
RECEIVED GOOD COND./COLD	
NOTES:	

LABORATORY NOTES: Sample HB-1/10-10½ - appears impacted.

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

APPENDIX D

KENT FIRE DEPARTMENT DOCUMENTS

AFFILIATE PEI PETROLEUM EQUIPMENT INSTITUTE

JOE HALL CONSTRUCTION, INC.

JO-EH-AC*259RT

1317 54th Avenue East
Fife, Washington 98424-1226
FAX: (253) 922-6828

TACOMA (253)922-6815
FED WAY/SEA (253)838-1027

TOLL FREE (800)777-6815
SEA/BELV (206)587-0470

DEPARTMENT OF LABOR AND INDUSTRIES

REGISTERED AS PROVIDED BY LAW AS
CONST CONT GENERAL

REGISTRATION NUMBER
CC01 JOEHAC*259RT 03/01/1999
EFFECTIVE DATE 12/30/1975

JOE HALL CONSTRUCTION INC
1317 54TH AVE E
FIFE WA 98424-1226

[illegible]

STATE OF WASHINGTON
COUNTY OF PIERCE

I CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE STATE OF WASHINGTON DEPARTMENT OF LABOR AND INDUSTRIES REGISTRATION FOR JOE HALL CONSTRUCTION, INC. CONTRACTOR LICENSE JOEHAC*259RT - EXPIRATION DATE: 03/01/1999

GIVEN UNDER MY HAND AND OFFICIAL SEAL THIS 2ND DAY OF MARCH 1998.

KAY MONAHAN NOTARY PUBLIC 3-19-01 STATE OF WASHINGTON

Kay Monahan

Notary Public in and for the State of Washington Residing in the city of Des Moines, Washington.

My Commission Expires: 03/19/01

CITY OF KENT

FIRE PREVENTION DIVISION
220 4 Ave S, Kent WA 98032
(253) 813-3000

Mayor Jim White

TEMPORARY PERMIT

NO: I702

PROJECT NAME Valley I5	ADDRESS OF SITE 23051 Military Rd South
INSTALLER/CONT Joe Hall Const. Inc.	PHONE: 253. 922. 6845
ADDRESS 1317 54th Ave E. Fife	DATE ISSUED · EXPIRATION DATE.
INSPECTOR ·	DATE FINALED

- DESCRIBE PROJECT:

Removal of 3 UST 2-1000 gal gas, 1 w/o -550.
- Call For Inspection 24 Hours Before Removal.
- Comply Item #7 of Kent Fire Guidelines, Checklist For Removal of Underground Tanks

PAID
30045
SEP 2 1 1998
CITY OF KENT
TREASURY

PLEASE POST IN A CONSPICUOUS PLACE ON THE SITE – NON TRANSFERRABLE

Tom A Nelson per L. Wood
FIRE MARSHAL

Property Tax Number
152204-9027

15-22-04 9027 1551 15 22 04
POR SW 1/4 NW 1/4 STR 15-22-04
LY WLY OF W MGN OF OLD MILITARY
RD S & ELY OF E MGN OF PSH #5
EXC N 460 FT & EXC PORTION
CONVEYED FOR WIDENING OF 36TH ETC
PROPERTY ADDRESS 23051 MILITARY RD S