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RELEASE REPORT & INDEPENDENT REMEDIAL ACTION REPORT UNDERGROUND STORAGE TANK REMOVAL

community Class

606 North Wenatchee Avenue
Wenatchee, Washington

Prepared for:
William L. Grandstafs

November 1999
HCW-L Project No. 99-80-053

HCW-L

HAMMOND, COLLIER & WADE - LIVINGSTONE ASSOCIATES, INC
civil engineering • surveying • materials testing
104 east ninth street • wenatchee, wa 98801

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Prepared by:

Jonathan B. Hamilton, C.E.G.

HAMMOND, COLLIER & WADE - LIVINGSTONE ASSOCIATES, INC.
104 East 9th Street - Wenatchee, WA 98801
Telephone (509) 662-1762 - FAX (509) 663-8534

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SUMMARY

The UST's were installed around 1957 or 1958 and were last used around 1969. The site is registered with Ecology, Site I.D. 4946.

The two (2) 500 gallon, steel UST's were removed September 16, 1999 by Appleland Pump and Equipment. Both of the UST's held gasoline. The UST to the east, number 1, had been filled with water. A total of seven (7) soil samples were acquired on September 16, 1999. No groundwater was observed in the excavation. There were two hits above Model Toxics Control Act (MTCA) Method A cleanup limits. Sample number 6, taken from the stockpiled soil to the east of the excavation, had 230 ppm WTPH-G and soil sample 7, from beneath the sewer pipe, had 45,500 ppm heavy oil range and 13,100 ppm diesel range hydrocarbons. Approximately 10 cubic yards of PCS was stockpiled on the asphalt pavement on-site. Ecology was notified of the contamination on September 16, 1999.

An additional 4 cubic yards of contaminated soil was removed from the excavation and stockpiles on-site on September 29, 1999. Two (2) soil samples were acquired from the excavation. A soil sample was collected from the stockpiled PCS on October 6, 1999 and analyzed for lead by TCLP. The test results were non-detect.

The 14 cubic yards of stockpiled PCS was disposed of at Morrill Asphalt Paving Company on October 29, 1999.

We estimate that less than 1 cubic yard of PCS, primarily in the heavy oil range, has been left on-site beneath the sewer pipe. The hole has been backfilled with clean fill and asphalt pavement will be placed over the fill in the near future.

We recommend that institutional control in the form of a disclosure statement on the deed shall be implemented. The disclosure statement shall state that PCS is present in the area east of the UST -1 location.

SITE DESCRIPTION

The two UST's were located at 606 N. Wenatchee Avenue in Wenatchee, Washington. Community Glass, which installs windows and glass products, leases the property from Mr. Grandstafs. The property is zoned general commercial. Carey Motors is to the west, Wenatchee Avenue is to the east, an office building is to the south and a motel is located to the north

The UST site is about 1350 feet SSW of the Columbia River at an approximate elevation of 655 feet. Normal pool elevation of the Columbia River is 606 ft.[1] The UST site is located in the NW 1/4 of Section 3, T 22 N, and R 20 E, in Chelan County, Washington, WM.

[1] 7.5 Minute Wenatchee Quadrangle, U.S.G.S., 1966, Photorevised 1987

Geologically, the UST site is situated upon a river terrace composed of alluvial deposits derived from drainages to the west. The surfical soils are described as:

> "Burch fine sandy loam, 0 to 3 percent slopes (BuA). The Burch series consists of well-drained, medium textured and moderately coarse textured soils that formed in valley fill, chiefly of sandstone origin. These soils are on terraces. It is similar to Burch loam , 0 to 3 percent slopes except that the surface layer is fine sandy loam. Runoff is slow, and the hazard of water erosion is slight."[2]

SITE HISTORY

The two (2) 500 gallon, steel UST's were removed September 16, 1999 by Appleland Pump and Equipment. Both of the UST's held gasoline. UST number 1, to the east, had been filled with water. The UST's were lined up side by side in an east-west direction and came from the same excavation. For this report we have assigned UST-1 on the east and UST-2 on the west. The UST's were covered with asphalt pavement. (See site plan, Fig. 2).

The UST's were installed around 1957 or 1958 and were last used around 1969. The site is registered with Ecology, Site I.D. 4946.

Fill and vent pipes were located directly over the UST's. Vent pipes went to the south a few feet and then up along the building wall. The dispenser location is not known. Piping suggests that the dispenser was located over the UST's.

SITE ASSESSMENT

The two UST's were decommissioned and removed by Appleland Pump and Equipment on September 16, 1999. The asphalt pavement was removed and the excavation dug. The tanks appeared relatively sound. Heavy rust scale was seen on the exterior of the tanks. The UST's were cleaned, cut up and disposed of by Appleland Pump & Equipment.

A gray soil was seen around the north and east sides of UST-1. The gray soil had an odor of old petroleum. A 4 inch diameter sewer pipe was observed 3 ft. east of UST-1 at a depth of 3.5 ft. The sewer pipe ran in a north-south direction. A gray soil was observed beneath the sewer pipe. The remainder of the excavation appeared free of petroleum contamination. The original ground surrounding the UST was observed to be a brown, silty SAND. The soil from the excavation was segregated with the gray PCS placed on the asphalt pavement east of the excavation. The remainder of the excavated soil was placed on the asphalt to the north of the excavation.

A total of seven (7) soil samples were acquired. Four (4) of the soil samples were acquired from beneath the UST's, one at each end of each UST. Two (2) composite soil samples were acquired from each of the stockpiles & one (1) soil sample from the gray soil beneath the sewer pipe north of UST-1. No groundwater was observed in the excavation.

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[2] Soil Survey of Chelan Area, Wash., U.S.D.A., Soil Conservation Service, 1981

The soil samples were submitted to North Creek Analytical of Bothell, Washington for analysis. The four (4) soil samples, from beneath UST-1 and UST-2 containing gasoline, and the composite soil samples from the stockpile soil were analyzed for Total Petroleum Hydrocarbons (TPH), gasoline range (WTPH-G), Benzene, Toulene, Ethylbenzene, Xylene and Lead. The soil samples from beneath the sewer pipe was analyzed for WTPH -D extended. See Table 1 for summary of analytical data. Lab data sheets are attached.

There were two hits above Model Toxics Control Act (MTCA) Method A cleanup limits. Sample number 6 taken from the stockpiled soil to the east of the excavation had 230 ppm WTPH-G and soil sample 7 from beneath the sewer pipe had 45,500 ppm heavy oil range and 13,100 ppm diesel range hydrocarbons. Approximately 10 cubic yards of PCS was stockpiled on the asphalt pavement on-site.

An additional 4 cubic yards of contaminated soil was removed on September 29, 1999 and two (2) soil samples were acquired from the excavation.

Table 1

TEST RESULTS

Sample	WTPH-D		WTPH-G	Benzene	Toluene	Ethylbenzene	Xylene	Lead	Remarks
	Diesel Heavy Oil								
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
Sampled September 16, 1999									
1			ND	ND	ND	ND	ND	9.86	UST-1 N @ 7.0'
2			12.7	ND	ND	ND	.196	4.87	UST-1 S @ 7.0'
3			7.26	ND	ND	ND	ND	4.63	UST-2 S @ 7.5'
4			ND	ND	ND	ND	ND	4.86	UST-2 N @ 7.0'
5			ND	ND	ND	ND	ND	30.2	North Stockpile
6			**230**	ND	.499	.640	6.41	**411**	East Stockpile
7	**13,100**	**45,500**							Below pipe 5.0'
Sampled September 29, 1999									
Z-1	**2,880**	**14,600**							Below pipe 5.5'
Z-2	25.5	68.6							E. of pipe @ 4.0'
MTCA									
Meth. A	200								
	200	200	100	0.5	40	20	20	250	
Detect	210	525	5	0.5	0.5	0.5	.10	5	

Sample 1 was collected from the stockpiled PCS on October 6, 1999 and analyzed for lead by TCLP. The test results were non-detect.

CONCLUSIONS AND RECOMMENDATIONS

The site assessment analytical testing indicates that petroleum contaminated soil above MTCA Method A level is present in the soils around the east end of UST-1. The PCS is also beneath a 4-inch diameter sewer line. The pipe construction suggests that the flow is to the south towards the building. This in turn suggests that the sewer pipe is not in use.

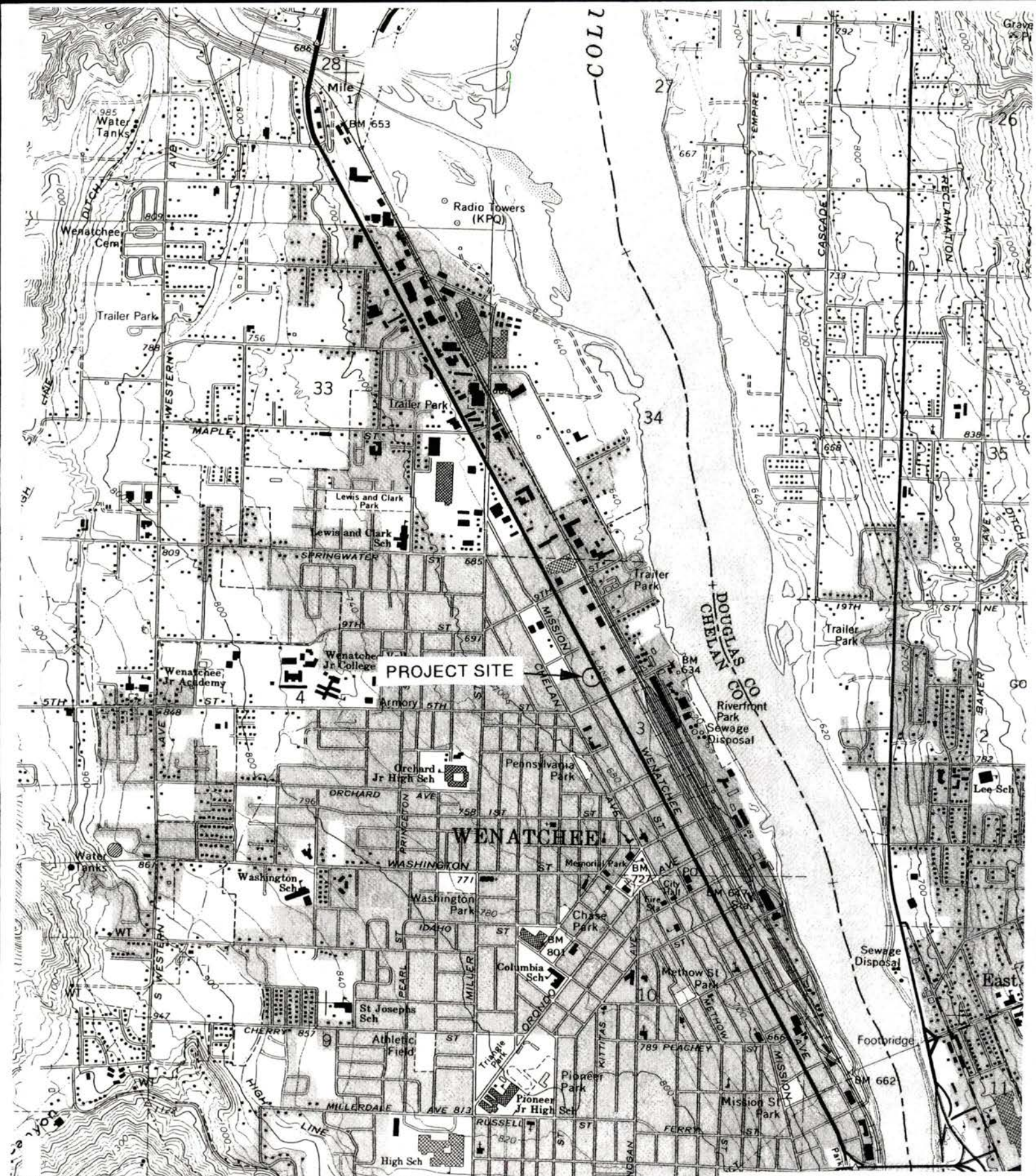
INDEPENDENT CLEANUP

The water was pumped out of UST-1 on September 16, 1999 and placed in nine (9) 55 gallon drums. Sludge was placed in a separate 55 gallon drum. Water and sludge were disposed of by Appleland Pump and Equipment.

On September 29, 1999 an additional 4 cubic yards of PCS was removed from the east side of the excavation. The gray soil (PCS) was not removed from beneath the sewer pipe because we did not know if the pipe was still in use and digging beneath the pipe would likely have broken the pipe. The gray color ended at a depth of about 5.5 feet. Soil Sample Z-2, taken 4 ft. to the east and at a depth of 4.0 ft., indicates PCS below MTCA Method A levels. The total volume of PCS removed from around the east side of UST-1 is approximately 14 cubic yards. About 1 cubic yards of the PCS beneath the sewer pipe was not removed.

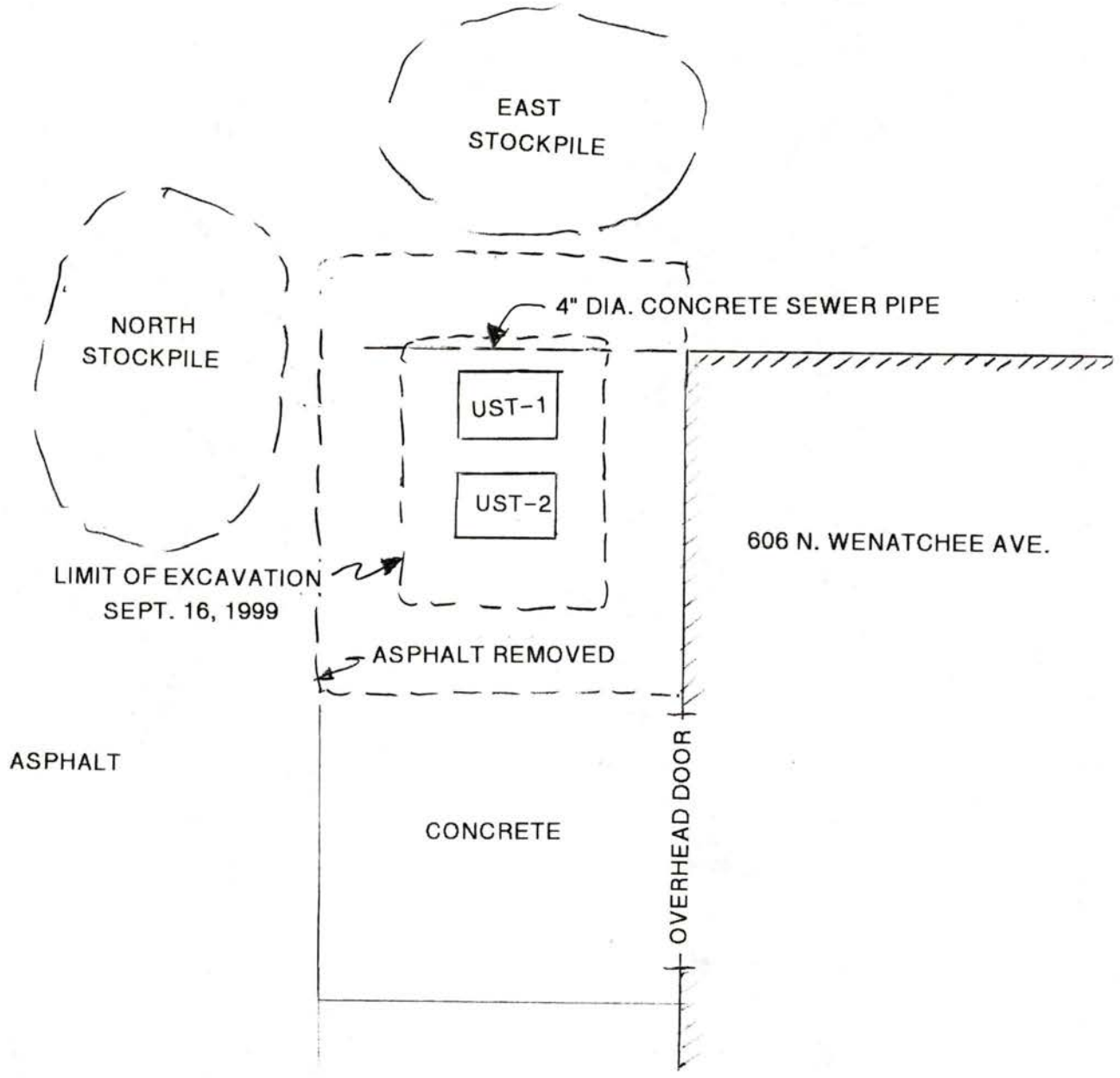
The 14 cubic yards of stockpiled PCS was disposed of at Morrill Asphalt Paving Company on October 29, 1999. Trip tickets are attached at the end of this report. We estimate that less than 1 cubic yard of PCS, primarily in the heavy oil range, has been left on-site beneath the sewer pipe. The hole has been backfilled with clean fill and asphalt pavement will be placed over the fill in the near future. It is our opinion that the PCS will not pose a threat to human health or the environment because the remaining PCS is isolated by the clean fill and proposed asphalt cover. The remaining PCS is about 5.5 feet deep and has formed into a hard mass. The asphalt will protect the PCS from surface water infiltration.

We recommend that institutional control in the form of a disclosure statement on the deed shall be implemented. The disclosure statement shall state that PCS is present in the area east of old UST location.



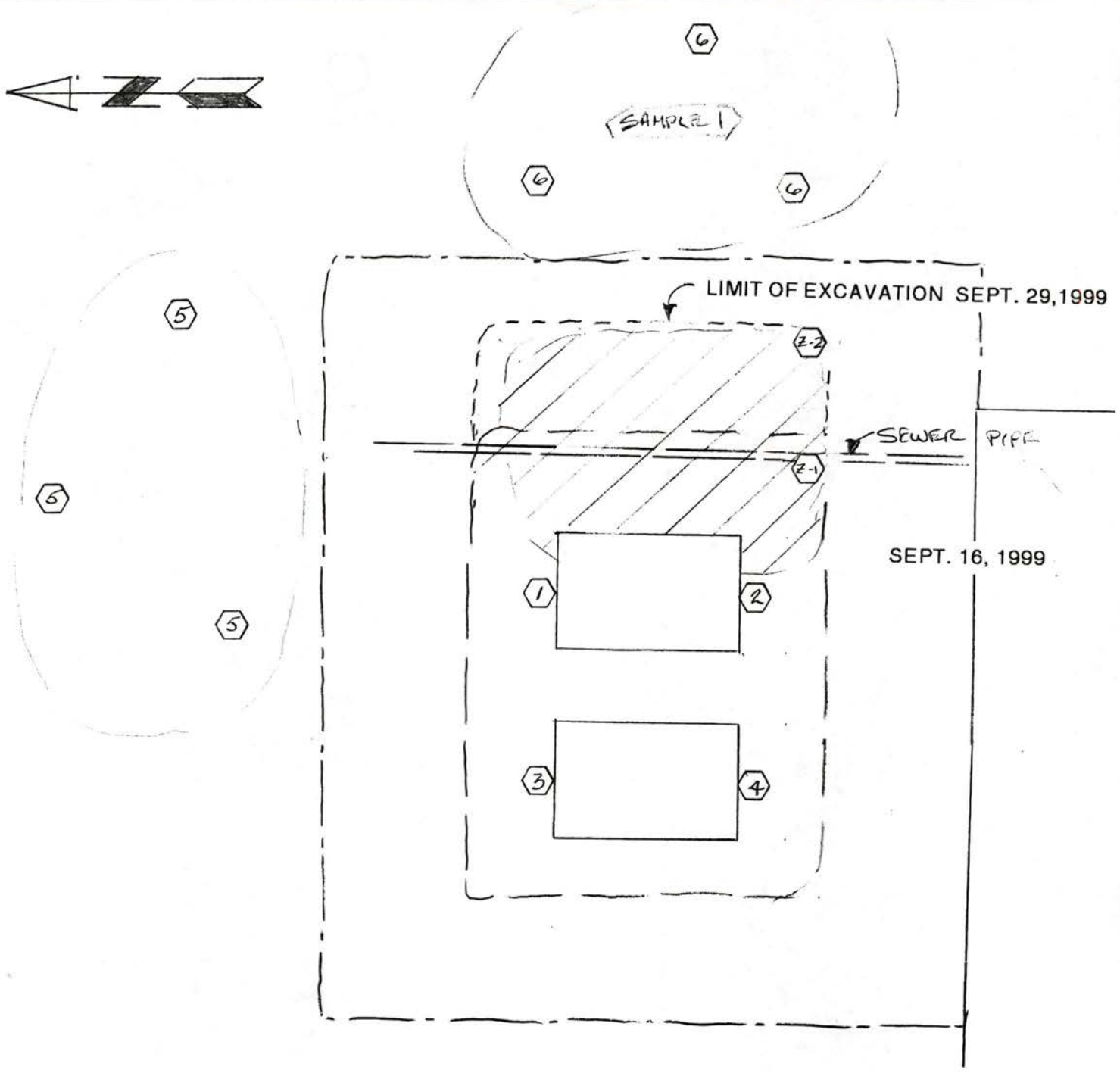
HAMMOND, COLLIER & WADE - LIVINGSTONE ASSOCIATES, INC.	
VICINITY MAP	
Project No. 99-80-053	November 1999
606 N. Wenatchee Avenue UST REMOVAL	
FIGURE NO. 1	

N. WENATCHEE AVENUE



SCALE 1"=10'

HAMMOND, COLLIER & WADE - LIVINGSTONE ASSOCIATES, INC.	
SITE PLAN	
Project No. 99-80-053	November 1999
606 N. Wenatchee Avenue UST REMOVAL	
FIGURE NO. 2	



SAMPLE SIDE VIEW
LOOKING NORTH

HAMMOND, COLLIER & WADE - LIVINGSTONE ASSOCIATES, INC.	
SAMPLING PLAN & PROFILE	
Project No. 99-80-053	**November 1999**
606 N. Wenatchee Avenue UST REMOVAL	
FIGURE NO. 3	

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

WASHINGTON STATE DEPARTMENT OF ECOLOGY

For Office Use Only
Owner #
Site #

INSTRUCTIONS:

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

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

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

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

CHECKLIST: Please initial each item in the appropriate box.

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

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

SITE INFORMATION

Site ID Number (on invoice or available from Ecology if the tanks are registered): 4946

Site/Business Name: COMMUNITY GLASS

Site Address: 606 N. WENATCHEE AVENUE (Street) Telephone: (509) 662-8039

WENATCHEE (City) WASHINGTON (State) 98801 (ZIP-Code)

TANK INFORMATION

Tank ID No.	Tank Capacity	Substance Stored
1	500 GALLONS	GASOLINE
2	500 GALLONS	GASOLINE

REASON FOR CONDUCTING SITE CHECK/SITE ASSESSMENT

Check one:

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

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

SITE ASSESSOR INFORMATION

JONATHAN B. HAMILTON
PERSON REGISTERED WITH ECOLOGY

HCW-L ASSOCATES, INC.
FIRM AFFILIATED WITH

BUSINESS ADDRESS: 104 E. 9TH STREET

TELEPHONE: (509) 662-1762

WENATCHEE (CITY) WASHINGTON (STATE) 98801 (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.

Nov. 4, 1999
Date

Jonathan B. Hamilton
Signature of Person Registered with Ecology

Independent Remedial Action Report Summary

This report summary is an important part of the Independent Remedial Action Report. Please complete the summary and submit it with your Independent Remedial Action Report. If this document does not accompany your cleanup report, or if it is not fully completed, your report cannot enter the review process necessary for Ecology to provide you with a "no further action" determination, or to remove your site from the hazardous sites lists.

FOR ECOLOGY USE ONLY			
ERTS No.	TCP I.D. No.	Date Received	☐ NFA
LUST No.	U.B. I. No.	Initial Investigation (Date)	☐ SHA Referral
Reviewed by			☐ Interim Action
			☐ Emergency Action

PLEASE PRINT CLEARLY OR TYPE

GENERAL INFORMATION

Name of Site Owner: WILLIAM L. GRANDSTAFS	Phone: (503) 254-8884
Address: 3637 NE 135TH AVENUE (Street) PORTLAND, OREGON (State/Province) 97230 (Zip) (Country)	
Authorized Contact: WILLIAM L. GRANDSTAFS	Phone: (503) 254-8884
Name of Facility Operator: COMMUNITY GLASS	Phone: (509) 662-8039
Address: 606 N. WENATCHEE AVENUE (Street) WENATCHEE, WASHINGTON (State) 98801 (Zip)	
Authorized Contact:	Phone:
Name of Consultant: JONATHAN B. HAMILTON	Phone: (509) 662-1762
Name of Firm: HAMMOND, COLLIER & WADE-LIVINGSTONE ASSOCIATES, INC.	
Address: 104 EAST 9TH STREET (Street) WENATCHEE, WASHINGTON (State) 98801 (Zip)	

Please indicate which of the above persons completed this report. If the report was completed by someone other than listed above, please provide their name, address, and a daytime phone.

JONATHAN B. HAMILTON

REPORT INFORMATION

Type of Report (*check one*)

- ☒ Combined release and independent remedial action report
- ☐ Independent remedial action report
- ☐ Interim Action Report
- ☐ Final Cleanup Action Report

Is this a Leaking Underground Storage Tank (LUST) report? Yes ☒ No ☐

Date release was reported to Ecology: SEPTEMBER 16, 1999

Date cleanup was completed: OCTOBER 29, 1999

FACILITY INFORMATION

Site Name

COMMUNITY GLASS

Other Names (*the site may be known as*)

606 N. WENATCHEE AVENUE

Site Contact Person If Other Than Owner/Operator *(This must be a person who is on-site during normal working hours and is authorized and qualified to answer questions about the site, or a person who is available during normal business hours and has knowledge about the site and the remediation.)*

Name JONATHAN B. HAMILTON Phone (509) 662-1762

Site Mailing Address (*or site contact mailing address*)

606 N. WENATCHEE AVENUE, WENATCHEE, WASHINGTON 98801

Site Location Address (*including zip code*)

SAME AS ABOVE

Closest City: WENATCHEE

County (*where site is located*): CHELAN

Township 22N Range 20E Section 3 Quarter-Quarter NW Meridian WILLAMETTE

Longitude: Degree Minute Second

Latitude: Degree Minute Second

Ownership and Operator Type Complete the table below by checking the appropriate box to identify the type of owner and operator for the facility. *(For example, if the property owner is a port district and the operator a private individual, then check the boxes under owner identification column in the municipal, code #2 row, and under the operator identification column in the private party, code #1 row.)*

Ownership/OperatorType	Code #	Owner Identification	Operator Identification
Private Party	1	X	X
Municipal (Public)	2		
County	3		
Federal	4		
State	5		
Tribal	6		
Mixed	7		
Other	8		
Unknown	9		
Public Entity Acquisition through Bankruptcy	10		
Financial Institution Acquisition through Bankruptcy	11		

Standard Industrial Classification (SIC) Codes. List all that apply. If none apply, or if you don't know your SIC code, list activities conducted at the site, e.g., automotive repair and maintenance, construction equipment storage, etc.

INSTALLATION OF WINDOWS AND GLASS PRODUCTS

Hazardous Substance Management Practice(s). The hazardous substance(s) cleaned up from the site was the result of which of the following sources, activities, or actions? Please circle all that apply to the facility.

1 = Drug Lab
2 = Drum
3 = A Leaking Impoundment
4 = Improper Handling
5 = Landfill
6 = Land application
7 = Pesticide application
8 = Pesticide Disposal
9 = A Spill
10 = Storm Drain
11 = Leaking Tank: a - below ground; b - above ground
12 = Unknown

RELEASE INFORMATION

Date of Release *(if known)*	Date of Discovery	Are there any drinking water systems affected?
---	SEPTEMBER 16, 1999	Yes ☐ No ☒ Unknown ☐

If drinking water systems are affected, are the systems **public, private, or both?** *(circle one)*	If drinking water systems are affected, has alternate drinking water been provided? Yes ☐ No ☐ Unknown ☐

General Hazardous Substance Categories Using the contaminants listed below, complete the table.
(A more detailed description of the contaminants can be found in Appendix A of the guidance.)

	Contaminants. For each of the applicable contaminants, enter the appropriate letter designating the status of the contaminants: **C = Confirmed or S = Suspected** *(Contaminant status definitions are defined in Appendix A of the guidance.)*	**Affected Media**				
		Ground Water	Surface Water	Drinking Water	Soil	Air
1.	Halogenated Organic Compounds					
2.	Metals - Priority Pollutants					
3.	Metals - Other					
4.	Polychlorinated Bi-Phenyls (PCBs)					
5.	Pesticides/Herbicides					
6. Petroleum Products	Unleaded Gas					
	Leaded Gas					
	Diesel					
	Waste Oil				X	
	Heat Fuel					
	Other (Specify)					
7.	Phenolic Compounds					
8.	Non-Halogenated Solvents					
9.	Dioxins					
10.	Polynuclear Aromatic Hydrocarbons (PAHs)					
11.	Reactive Wastes					
12.	Corrosive Wastes					
13.	Radioactive Wastes					
14.	Conventional Contaminants Organics					
15	Conventional Contaminants Inorganics					
16.	Base/Neutral Organic Compounds					
17.	Asbestos					

CLEANUP INFORMATION

Indicate cleanup level methods used by completing Table 5-A below. *(Check all that apply)*

TABLE 5-A

	Soil	Ground Water	Air	Surface Water
Method A	X			
B				
C				
Have these levels been met throughout the site? *(circle only one)*	YES (NO)	YES NO	YES NO	YES NO

CLEANUP INFORMATION (inued)

Indicate the treatment methods used by completing Tables 5-B through 5-D below. *(Check all that apply)*

TABLE 5-B

	Destruction or Detoxification				Media Transfer		
	Carbon Adsorption[1]	Biological Treatment	Chemical Destruction	Incineration	Air Stripping/ Air Sparging	Aeration/Vapor Extraction	Thermal Desorption
Soil	-NA-				-NA-		
Ground Water				-NA-		-NA-	-NA-
Surface Water				-NA-		-NA-	-NA-
Air		-NA-				-NA-	
Wastes	-NA-				-NA-	-NA-	-NA-

[1]Carbon followed by regeneration; use of granular activated carbon followed by landfilling would be classified in these tables as volume reduction and off-site landfill.

TABLE 5-C

	Immobilization		Reuse/Recycling[2]	Separation/Volume Reduction		
	Vitrification	Solidification/ Stabilization	Specify	Solvent Extraction	Soil Washing	Physical Separation[3]
Soil						
Ground Water	-NA-	-NA-		-NA-	-NA-	
Surface Water	-NA-	-NA-		-NA-	-NA-	
Wastes						

[2]For example, reuse of free petroleum product recovered in a pump and treat system.
[3]For example, oil/water separators.

TABLE 5-D

	Land Disposal/Containment		Institutional Controls	Others
	Containment or On-site Landfill	Off-site Landfill	Specify	Specify treatment method
Soil				
Ground Water		-NA-		
Surface Water	-NA-	-NA-		
Wastes				

LUST SITE INFORMATION

Was **free product** encountered: on ground water? Yes ☐ No ☒ in excavation? Yes ☐ No ☒

Tank Description			Tank Status (Y or N)		
Tank ID	Product	Size	In Place?	Removed?	Closed in Place?
#1	GASOLINE	500 GALLONS		YES	

ENVIRONMENTAL INDICATORS

Answer the following questions as they are applicable to your site:

How many cubic yards of soil have been treated?_____

Where soil treatment was conducted, was it done **on-site, off-site, or both**? *(circle one)*

How many cubic yards of soil have been disposed of off-site? 14 CUBIC YARDS
(Calculate these quantities of soil while the soil is in place, prior to any excavation and/or treatment.)

Provide the name and address of the facility where soil was treated off-site.
Name
Address
State/Zip

If ground water pump and treatment was conducted, how many gallons of ground water have been treated to date? _____ gals.

Provide the name and address of the facility where soil was disposed.
Name WASTE
Address
State/Zip

How many years is the ground water extraction system expected to continue in operation?
_____ yrs

www.ncalabs.com

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Spokane East 111! ıomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
1	B909342-01	Soil	9/16/99
2	B909342-02	Soil	9/16/99
3	B909342-03	Soil	9/16/99
4	B909342-04	Soil	9/16/99
5	B909342-05	Soil	9/16/99
6	B909342-06	Soil	9/16/99
7	B909342-07	Soil	9/16/99

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

Kirk Gendron, Project Manager

COMMUNITY GLASS

www.ncalabs.com

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425.420.9 425.420.9210
Spokane East 1111 omery, Suite B, Spokane, WA 99206-4776
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Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
1			**B909342-01**				**Soil**	
Gasoline Range Hydrocarbons	0990583	9/17/99	9/20/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*78.5*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*94.2*	"	
2			**B909342-02**				**Soil**	
Gasoline Range Hydrocarbons	0990583	9/17/99	9/20/99		5.00	**12.7**	mg/kg dry	1
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	**0.196**	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*72.4*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*76.3*	"	
3			**B909342-03**				**Soil**	
Gasoline Range Hydrocarbons	0990583	9/17/99	9/20/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*76.5*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*93.9*	"	
4			**B909342-04**				**Soil**	
Gasoline Range Hydrocarbons	0990583	9/17/99	9/20/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	
Toluene	"	"	"		0.0500	ND	"	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*83.6*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*99.3*	"	
5			**B909342-05**				**Soil**	
Gasoline Range Hydrocarbons	0990583	9/17/99	9/20/99		5.00	ND	mg/kg dry	
Benzene	"	"	"		0.0500	ND	"	

North Creek Analytical - Bothell

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

Kirk Gendron, Project Manager

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HCW-L WENATCHEE	Project:	Not provided	Sampled:	9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received:	9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported:	9/27/99 16:40

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by NWTPH-G and EPA 8021B
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
5 (continued)			**B909342-05**				**Soil**	
Toluene	0990583	9/17/99	9/20/99		0.0500	ND	mg/kg dry	
Ethylbenzene	"	"	"		0.0500	ND	"	
Xylenes (total)	"	"	"		0.100	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*79.3*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*95.3*	"	
6			**B909342-06**				**Soil**	
Gasoline Range Hydrocarbons	0990583	9/17/99	9/20/99		10.0	**230**	mg/kg dry	1
Benzene	"	"	"		0.100	ND	"	
Toluene	"	"	"		0.100	**0.499**	"	
Ethylbenzene	"	"	"		0.100	**0.640**	"	
Xylenes (total)	"	"	"		0.200	**6.41**	"	
Surrogate: 4-BFB (FID)	"	"	"	*50.0-150*		*82.8*	*%*	
Surrogate: 4-BFB (PID)	"	"	"	*50.0-150*		*59.9*	"	

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HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
7			B909342-07				Soil	
Diesel Range Hydrocarbons	0990558	9/17/99	9/18/99		210	**13100**	mg/kg dry	
Heavy Oil Range Hydrocarbons	"	"	"		525	**45500**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*NR*	*%*	*2*

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HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

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

Analyte	Batch Number	Date Prepared	Date Analyzed	Specific Method	Reporting Limit	Result	Units	Notes*
1			**B909342-01**				**Soil**	
Lead	0990668	9/20/99	9/23/99	EPA 6020	0.500	**9.86**	mg/kg dry	
2			**B909342-02**				**Soil**	
Lead	0990668	9/20/99	9/23/99	EPA 6020	0.500	**4.87**	mg/kg dry	
3			**B909342-03**				**Soil**	
Lead	0990668	9/20/99	9/23/99	EPA 6020	0.500	**4.63**	mg/kg dry	
4			**B909342-04**				**Soil**	
Lead	0990668	9/20/99	9/23/99	EPA 6020	0.500	**4.86**	mg/kg dry	
5			**B909342-05**				**Soil**	
Lead	0990668	9/20/99	9/23/99	EPA 6020	0.500	**30.2**	mg/kg dry	
6			**B909342-06**				**Soil**	
Lead	0990668	9/20/99	9/23/99	EPA 6020	2.50	**411**	mg/kg dry	

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HCW-L WENATCHEE	Project:	Not provided	Sampled:	9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received:	9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported:	9/27/99 16:40

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
1	B909342-01	Soil	93.4	%
2	B909342-02	Soil	92.1	%
3	B909342-03	Soil	94.0	%
4	B909342-04	Soil	92.6	%
5	B909342-05	Soil	89.0	%
6	B909342-06	Soil	95.5	%
7	B909342-07	Soil	88.9	%

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HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by NWTPH-G and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0990583	**Date Prepared: 9/17/99**					**Extraction Method: EPA 5030B (MeOH)**				
Blank	**0990583-BLK1**									
Gasoline Range Hydrocarbons	9/21/99			**ND**	mg/kg dry	**5.00**				
Benzene	"			**ND**	"	**0.0500**				
Toluene	"			**ND**	"	**0.0500**				
Ethylbenzene	"			**ND**	"	**0.0500**				
Xylenes (total)	"			**ND**	"	**0.100**				
Surrogate: 4-BFB (FID)	"	*4.00*		*3.45*	"	*50.0-150*	*86.3*			
Surrogate: 4-BFB (PID)	"	*4.00*		*4.01*	"	*50.0-150*	*100*			
LCS	**0990583-BS1**									
Gasoline Range Hydrocarbons	9/18/99	25.0		21.7	mg/kg dry	70.0-130	86.8			
Surrogate: 4-BFB (FID)	"	*4.00*		*3.67*	"	*50.0-150*	*91.8*			
Duplicate	**0990583-DUP1**		**B909342-06**							
Gasoline Range Hydrocarbons	9/21/99		230	237	mg/kg dry			50.0	**3.00**	
Surrogate: 4-BFB (FID)	"	*4.19*		*6.75*	"	*50.0-150*	*161*			*3*
Duplicate	**0990583-DUP2**		**B909350-08**							
Gasoline Range Hydrocarbons	9/21/99		ND	ND	mg/kg dry			50.0		
Surrogate: 4-BFB (FID)	"	*4.33*		*3.74*	"	*50.0-150*	*86.4*			
Matrix Spike	**0990583-MS1**		**B909342-02**							
Benzene	9/21/99	0.543	ND	0.493	mg/kg dry	60.0-140	**90.8**			
Toluene	"	0.543	ND	0.504	"	60.0-140	**92.8**			
Ethylbenzene	"	0.543	ND	0.512	"	60.0-140	**94.3**			
Xylenes (total)	"	1.63	0.196	1.56	"	60.0-140	**83.7**			
Surrogate: 4-BFB (PID)	"	*4.34*		*4.26*	"	*50.0-150*	*98.2*			
Matrix Spike Dup	**0990583-MSD1**		**B909342-02**							
Benzene	9/21/99	0.543	ND	0.495	mg/kg dry	60.0-140	**91.2**	20.0	**0.440**	
Toluene	"	0.543	ND	0.503	"	60.0-140	**92.6**	20.0	**0.216**	
Ethylbenzene	"	0.543	ND	0.509	"	60.0-140	**93.7**	20.0	**0.638**	
Xylenes (total)	"	1.63	0.196	1.55	"	60.0-140	**83.1**	20.0	**0.719**	
Surrogate: 4-BFB (PID)	"	*4.34*		*4.13*	"	*50.0-150*	*95.2*			

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

Kirk Gendron, Project Manager

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HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0990558	**Date Prepared: 9/17/99**					**Extraction Method: EPA 3550B**				
Blank	**0990558-BLK1**									
Diesel Range Hydrocarbons	9/18/99			**ND**	mg/kg dry	**10.0**				
Heavy Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*9.03*	"	*50.0-150*	*84.4*			
LCS	**0990558-BS1**									
Diesel Range Hydrocarbons	9/18/99	66.7		55.4	mg/kg dry	60.0-140	83.1			
Surrogate: 2-FBP	"	*10.7*		*9.69*	"	*50.0-150*	*90.6*			
Duplicate	**0990558-DUP1**		**B909334-03**							
Diesel Range Hydrocarbons	9/18/99		ND	ND	mg/kg dry			50.0		
Heavy Oil Range Hydrocarbons	"		ND	ND	"			50.0		
Surrogate: 2-FBP	"	*10.8*		*10.3*	"	*50.0-150*	*95.4*			

North Creek Analytical - Bothell

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

Kirk Gendron, Project Manager

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HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

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

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0990668	**Date Prepared: 9/20/99**					**Extraction Method: EPA 3050B**				
Blank	**0990668-BLK1**									
Lead	9/23/99			**ND**	mg/kg dry	**0.500**				
LCS	**0990668-BS1**									
Lead	9/23/99	25.0		28.8	mg/kg dry	80.0-120	115			
Matrix Spike	**0990668-MS1**		**B909342-03**							
Lead	9/23/99	15.0	4.63	22.0	mg/kg dry	70.0-130	**116**			
Matrix Spike Dup	**0990668-MSD1**		**B909342-03**							
Lead	9/23/99	15.7	4.63	22.4	mg/kg dry	70.0-130	**113**	20.0	**2.62**	

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HCW-L WENATCHEE	Project:	Not provided	Sampled: 9/16/99
104 E. 9TH ST.	Project Number:	Not provided	Received: 9/17/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 9/27/99 16:40

Notes and Definitions

#	Note
1	The chromatogram for this sample does not resemble a typical gasoline pattern. Please refer to the sample chromatogram.
2	The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
3	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical - Bothell

Kirk Gendron, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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CHAIN OF CUSTODY REPORT

Work Order # B909342

REPORT TO: HCW-L ASSOC., WENATCHEE
ATTENTION: JON HAMILTON
ADDRESS: 104 E. 9TH ST
WENATCHEE, WA. 98801
PHONE: 509-662-1762 FAX: 509-663-8534
PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

INVOICE TO: HCW-L ASSOC., SEATTLE
ATTENTION: BRENDA CARLSON
ADDRESS: 4010 STONE WAY N. SUITE 300
SEATTLE, WA.
P.O. NUMBER: 99-80-053 "NCA QUOTE #:

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: [10] Standard | 7 | 5 | 4 | 3 | 2 | 1 | Same Day
Fuels & Hydrocarbon Analyses: [X] Standard | 3-4 | 2 | 1 | Same Day
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NCA SAMPLE ID (Laboratory Use Only)	Analysis Request: WTPH-GW / BTEX / LEAD	WTPH-DX	MATRIX (W. S. A. O)	# OF CONTAINERS	COMMENTS
1.	1	9/16/99 8:55 A		X X		S	1 JAR	1 N @ 7'
2.	2	9/16/99 9:56 A		X X		"	"	1 S @ 7'
3.	3	9/16/99 9:05 A		X X		"	"	2 N @ 8'
4.	4	9/16/99 9:15 A		X X		"	"	2 S @ 7'
5.	5	9/16/99 9:20 A		X X		"	"	STOCKPILE 1
6.	6	9/16/99 9:30 A		X X		"	"	STOCKPILE 2
7.	7	9/16/99 9:35 A			X	"	"	1 E @ 5'
8.								
9.								
10.								

RELINQUISHED BY (Signature): Jon Hamilton DATE: 9/16/99
PRINT NAME: JON HAMILTON FIRM: HCW-L TIME: 3 PM

RECEIVED BY (Signature): Bobby Tonks DATE: 9/17/99
PRINT NAME: FIRM: NCA TIME: 10:30

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

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

ADDITIONAL REMARKS:
11.8 W/D

PAGE 1 OF 1

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HCW-L WENATCHEE	Project:	Community glass UST Removal	Sampled: 9/29/99
104 E. 9TH ST.	Project Number:	99-80-053	Received: 9/30/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 10/7/99 09:59

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
Z 1	B909640-01	Soil	9/29/99
Z 2	B909640-02	Soil	9/29/99

North Creek Analytical - Bothell

Kirk Gendron, Project Manager

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

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Environmental Laboratory Network

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HCW-L WENATCHEE	Project:	Community glass UST Removal	Sampled: 9/29/99
104 E. 9TH ST.	Project Number:	99-80-053	Received: 9/30/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 10/7/99 09:59

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended)
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
Z1			**B909640-01**				**Soil**	
Diesel Range Hydrocarbons	1090014	10/1/99	10/2/99		110	**2880**	mg/kg dry	1
Heavy Oil Range Hydrocarbons	"	"	"		275	**14600**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*55.9*	%	
Z2			**B909640-02**				**Soil**	
Diesel Range Hydrocarbons	1090014	10/1/99	10/2/99		10.0	**25.5**	mg/kg dry	1
Heavy Oil Range Hydrocarbons	"	"	"		25.0	**68.6**	"	
Surrogate: 2-FBP	"	"	"	*50.0-150*		*71.2*	%	

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

Kirk Gendron, Project Manager

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541.383.9310 fax 541.382.7588

HCW-L WENATCHEE	Project:	Community glass UST Removal	Sampled:	9/29/99
104 E. 9TH ST.	Project Number:	99-80-053	Received:	9/30/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported:	10/7/99 09:59

Dry Weight Determination
North Creek Analytical - Bothell

Sample Name	Lab ID	Matrix	Result	Units
Z 1	B909640-01	Soil	94.1	%
Z 2	B909640-02	Soil	90.2	%

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Kirk Gendron, Project Manager

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Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 10/7/99 09:59

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended)/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit / Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 1090014	**Date Prepared: 10/1/99**					**Extraction Method: EPA 3550B**				
Blank	**1090014-BLK1**									
Diesel Range Hydrocarbons	10/1/99			**ND**	mg/kg dry	**10.0**				
Heavy Oil Range Hydrocarbons	"			**ND**	"	**25.0**				
Surrogate: 2-FBP	"	*10.7*		*7.57*	"	*50.0-150*	*70.7*			
LCS	**1090014-BS1**									
Diesel Range Hydrocarbons	10/1/99	66.7		53.6	mg/kg dry	60.0-140	80.4			
Surrogate: 2-FBP	"	*10.7*		*10.8*	"	*50.0-150*	*101*			
Duplicate	**1090014-DUP1**	**B909640-02**								
Diesel Range Hydrocarbons	10/2/99		25.5	21.9	mg/kg dry			50.0	**15.2**	
Heavy Oil Range Hydrocarbons	"		68.6	55.9	"			50.0	**20.4**	
Surrogate: 2-FBP	"	*11.8*		*8.04*	"	*50.0-150*	*68.1*			

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

Kirk Gendron, Project Manager

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HCW-L WENATCHEE	Project:	Community glass UST Removal	Sampled: 9/29/99
104 E. 9TH ST.	Project Number:	99-80-053	Received: 9/30/99
Wenatchee, WA.USA 98801	Project Manager:	Jon Hamilton	Reported: 10/7/99 09:59

Notes and Definitions

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

North Creek Analytical - Bothell

Kirk Gendron, Project Manager

NORTH CREEK ANALYTICAL
Environmental Laboratory Services

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9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132 (503) 906-9200 FAX 906-9210

CHAIN OF CUSTODY REPORT

Work Order # B909640

REPORT TO: HCWL ASSOC.
ATTENTION: JON HAMILTON
ADDRESS: 104 EAST NINTH STREET
WENATCHEE WA 98802
PHONE: 509-662-1762 FAX: 509-663-8534
PROJECT NAME: COMMUNITY GLASS UST REMOVAL
PROJECT NUMBER: 99-80-053
SAMPLED BY: ERIC M. SMITH

INVOICE TO: HCWL ASSOC.
ATTENTION: BRENDA CARLSON
ADDRESS: 4010 STONEWAY NORTH, SUITE 300
SEATTLE, WA 98103-8090
P.O. NUMBER: 99-80-053 NCA QUOTE #:

TURNAROUND REQUEST in Business Days *
Organic & Inorganic Analyses: [10] Standard | 7 | 5 | 4 | 3 | 2 | 1 | Same Day
Fuels & Hydrocarbon Analyses: [X] Standard | 3-4 | 2 | 1 | Same Day
OTHER Specify:
* Turnaround Requests less than standard may incur Rush Charges.

	CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	NCA SAMPLE ID (Laboratory Use Only)	Analysis Request: WTPH-DX	MATRIX (W, S, A, O)	# OF CONTAINERS	COMMENTS
1.	Z1	9/29/99 10:30		X	S	1	W@ 5.5' -01
2.	Z2	9/29/99 10:35		X	S	1	E@ 4' -02
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							

RELINQUISHED BY (Signature): Eric M Smith DATE: 9/29/99
PRINT NAME: ERIC M. SMITH FIRM: HCW-L TIME: 11:30

RECEIVED BY (Signature): Tracy Tonty DATE: 9/30/99
PRINT NAME: TRACY TONTY FIRM: NCA TIME: 10:10

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

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

ADDITIONAL REMARKS:
4.4° w/o

PAGE 1 OF 1

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HCW-L WENATCHEE	Project: Not provided	
104 E. 9TH ST.	Project Number: 99-80-053	**Reported:**
Wenatchee WA.USA, 98801	Project Manager: Larry Riegert	10/18/99 13:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Sample #1	B910129-01	Soil	10/06/99 11:00	10/07/99 12:00

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Kirk Gendron, Project Manager

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

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HCW-L WENATCHEE	Project: Not provided	
104 E. 9TH ST.	Project Number: 99-80-053	**Reported:**
Wenatchee WA.USA, 98801	Project Manager: Larry Riegert	10/18/99 13:57

TCLP Metals by EPA 1311/6000/7000 Series Methods

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Sample #1 (B910129-01) Soil Sampled: 10/06/99 11:00 Received: 10/07/99 12:00									
Lead	ND	0.200	mg/l	1	9J15010	10/15/99	10/15/99	EPA 6010B	

North Creek Analytical - Bothell

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HCW-L WENATCHEE	Project: Not provided	
104 E. 9TH ST.	Project Number: 99-80-053	**Reported:**
Wenatchee WA.USA, 98801	Project Manager: Larry Riegert	10/18/99 13:57

TCLP Metals by EPA 1311/6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 9J15010: Prepared 10/15/99 Using EPA 3010A TCLP										
Blank (9J15010-BLK1)										
Lead	ND	0.200	mg/l							
LCS (9J15010-BS1)										
Lead	10.8	0.200	mg/l	10.0		108	80-120			
Duplicate (9J15010-DUP1)					**Source: B910024-01**					
Lead	5.09	0.200	mg/l		6.10			18.1	20	
Matrix Spike (9J15010-MS1)					**Source: B910024-01**					
Lead	14.6	0.200	mg/l	10.0	6.10	85.0	80-120			

North Creek Analytical - Bothell

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541.383.9310 fax 541.382.7588

HCW-L WENATCHEE	Project: Not provided	
104 E. 9TH ST.	Project Number: 99-80-053	**Reported:**
Wenatchee WA.USA, 98801	Project Manager: Larry Riegert	10/18/99 13:57

Notes and Definitions

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

North Creek Analytical - Bothell

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

Kirk Gendron, Project Manager

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Kirk Gendron
HCW-L Job# 99-80-053

CHAIN OF CUSTODY REPORT

Work Order #: B9101209

CLIENT: Community Glass (HCW-L)
REPORT TO: Larry Riegert
ADDRESS: 104 E 9th St. Wenatchee, WA 98801
PHONE: 509 662 1762 FAX: 663 8534

INVOICE TO: HCW-L Seattle
Brenda Carlson
4010 Stone Way N. Suite 300
Seattle WA 98103-8090
P.O. NUMBER:

PROJECT NAME:
PROJECT NUMBER:
SAMPLED BY:

TURNAROUND REQUEST in Business Days*

Organic & Inorganic Analyses: [10] STD. [7] [5] [4] [3] [2] [1] [<1]
Petroleum Hydrocarbon Analyses: [5] STD. [4] [3] [2] [1] [<1]
[OTHER] Please Specify

*Turnaround Requests less than standard may incur Rush Charges.

CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	REQUESTED ANALYSES: TCLP (Lead only)	MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO
1. Sample #1	10/6/99 11:00AM	X	Soil	1	Lead Only	B9101209-01
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						

RELINQUISHED BY: PRINT NAME: Larry Riegert FIRM: HCW-L DATE: 10/6/99 TIME: 11:00AM
RECEIVED BY: PRINT NAME: M Hutchinson FIRM: NCA DATE: 10.7.99 TIME: 2050

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

ADDITIONAL REMARKS: 4/0 21.6

TEMP:

COC REV 3/99

PAGE OF

MORRILL ASPHALT PAVING CO., INC.

P.O. BOX 99 - WENATCHEE, WA 98807

(509) 663-2605 **№ 85541**

DATE 10·29·99

SOLD TO _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Gross 49,720
23640
Net 26,120

606 N. Wenatchee Ave
Community Glass

TRUCK NO. _____ DRIVER _____

PRODUCT SOLD

- ☐ COLD MIX
- ☐ HOT MIX
- ☐ 1½ DRAIN
- ☐ 2½ DRAIN
- ☐ 5/8 TC
- ☐ 1¼ BC
- ☐ WEIGH
- ☒ OTHER Dump Charge

TONNAGE THIS LOAD 13.06

WEIGHED BY _____

TOTAL TONNAGE _____

RECEIVED BY Rocky

MORRILL ASPHALT PAVING CO., INC.

P.O. BOX 99 - WENATCHEE, WA 98807

(509) 663-2605 **№ 85544**

DATE 10·29·99

SOLD TO _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

Gross 48860
23660
25200

600 North Wenatchee Ave
Community Glass

TRUCK NO. _____ DRIVER _____

PRODUCT SOLD

- ☐ COLD MIX
- ☐ HOT MIX
- ☐ 1½ DRAIN
- ☐ 2½ DRAIN
- ☐ 5/8 TC
- ☐ 1¼ BC
- ☐ WEIGH
- ☒ OTHER Dumpin 7

TONNAGE THIS LOAD 12.6

WEIGHED BY _____

TOTAL TONNAGE _____

RECEIVED BY Rocky