CAYUSE ENVIRONMENTAL
60 Olden Way
Toppenish, WA 98948
(509) 865-5086

March 11, 1994

Mr. Mike Hogue
Route 2, Box 2898
Prosser, WA 99350

Re: Final Report for Tank Closure and Soil Remediation at property in Sunnyside, Washington

Dear Mr. Hogue:

Enclosed please find three (3) copies of the UST Closure and Site Clean up Report as required by the Washington State Department of Ecology (WSDOE), for the above referenced site. This report addresses tank removal and clean up actions taken to remove petroleum contaminated soil identified after removal of tanks.

Based on the data and findings reported herein, we found several areas of contamination which was removed and placed into a stockpile located on the southeast side of the property.

In our opinion, all contamination has been excavated from the property and after Bio-Remediation, the stockpile is complete. The petroleum contamination left from underground storage tank will be cleaned up.

We appreciate the opportunity to provide you with technical assistance for your UST closure and remediation project. Please do not hesitate to call if you have any questions or need any additional information.

Sincerely,

CAYUSE ENVIRONMENTAL

Bryan Mull
Project Manager

BM:BC/rh
Enc.

EXECUTIVE SUMMARY

Cayuse Environmental (CE) provided site Assessment upon removal of three underground fuel storage tanks, one 1,000 gallon hydraulic oil tank, one 1,000 gallon diesel tank and one 1,200 gallon gas tank; also two cement tanks, one which contained used oil and one which was a holding tank from floor drains in the shop area. After product was in holding tank, it drained through perforated line to a dray well at the far end of the property.

After all tanks and holding tanks were removed, contamination was found under the drain line and under the diesel tank, the contamination was removed and placed into a stockpile which has plastic under it. Lewis Construction of Union Gap, Washington performed the tank removal and contaminated soil removal. Approximately 2,000 yards of contaminated soil was removed and placed into the stockpile.

The large excavated area was backfilled immediately after laboratory analysis revealed a clean excavation.

CE recommends remedial action be taken on the stockpile to clean petroleum contamination out of soil. After this task is complete, no further action is needed at this site.

1.0 INTRODUCTION

1.1 Purpose.

This report describes findings and actions taken for work associated with the removal of underground fuel storage tank, cement holding tank and removal of petroleum contaminated soil. The work and investigation responds to regulatory requirements set forth by the United States Environmental Protection Agency (EPA) and the Washington State Department of Ecology (WSDOE).

1.2 Scope of Work.

This report completes the services provided by Cayuse Environmental (CE) for a UST closure and clean up of petroleum contaminated soil at the former Green Valley Implement site located in Sunnyside, Washington.

2.0 BACKGROUND INFORMATION

2.1 Site Location.

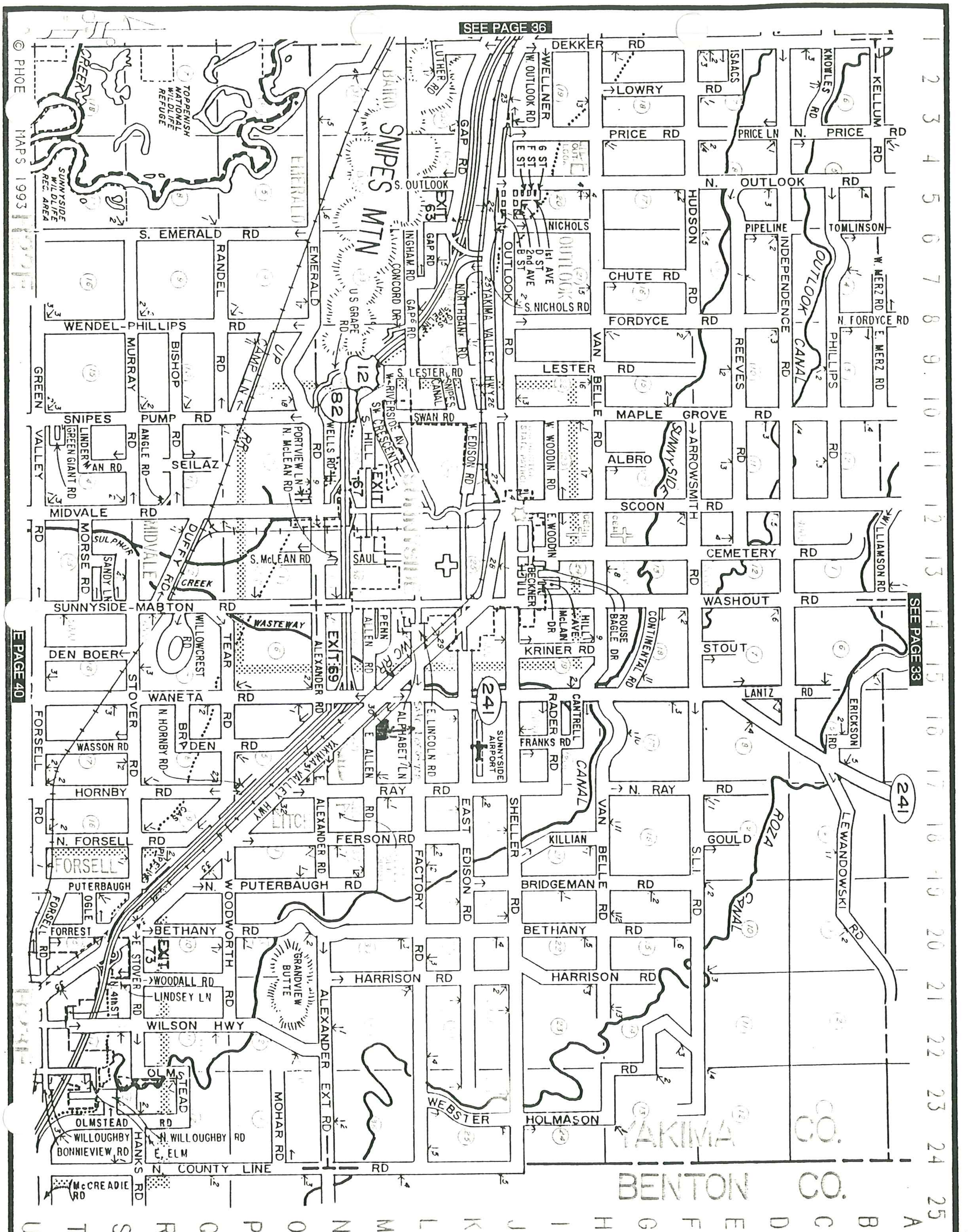
The site is located just off Highway 12 in Sunnyside, Washington on the SW ¼ of NE ¼, Section 32, Township 10 North, Range 23 East, Willamette Meridian. (See site map next page.)

2.2 Site Description.

The UST were located on the south side of the shop area. The hydraulic tank was right next to the building. The gasoline and diesel tank were located 30 feet further south. The sump holding the waste oil was two feet from the building just west of the tank location. The oil water separator was located next to the building just east of the hydraulic oil tank (see tank location map in back of report). A 4" perforated plastic pipe ran from the separator south to the far side of the property to a dry well. The largest area of contamination came from this pipe and dray well. No ground water was encountered during the excavation. All excavation went to a depth of 7 feet.

2.3 Soils Description.

The soil that was excavated was a mixture of clay and sandy silt matrix. There was also a gravel cover over the entire excavation to a depth of 6 inches.


SEE PAGE 36
SEE PAGE 33
SEE PAGE 40
© PHOENIX MAPS 1993
TOPPENISH NATIONAL WILDLIFE REFUGE
SUNNYSIDE WILDLIFE REC. AREA
SNIPES MTN
DEKKER RD
LOWRY RD
PRICE RD
PRICE LN
N. PRICE RD
N. OUTLOOK RD
S. OUTLOOK
EXIT 63
S. EMERALD RD
NICHOLS
CHUTE RD
S. NICHOLS RD
FORDYCE RD
N. FORDYCE RD
WENDEL-PHILLIPS RD
LESTER RD
S. LESTER RD
SNIPES PUMP RD
MAPLE GROVE RD
SWAN RD
ALBRO
SEILAZ
MIDVALE RD
SCOON RD
CEMETERY RD
S. McLEAN RD
SULPHUR CREEK
SUNNYSIDE-MABTON RD
WASTEWAY
WASHOUT RD
DEN BOER
KRINER RD
STOUT
WANETA RD
LANTZ RD
WASSON RD
BRADEN RD
FRANKS RD
HORNBY RD
RAY RD
N. RAY RD
N. FORSELL RD
FERSON RD
KILLIAN
GOULD
FORSELL
PUTERBAUGH
N. PUTERBAUGH RD
BRIDGEMAN RD
BETHANY RD
FORREST
EXIT 67
EXIT 69
EXIT 73
GRANDVIEW BUTTE
HARRISON RD
WOODALL RD
LINDSEY LN
WILSON HWY
OLMSTEAD RD
WEBSTER
HOLMASON
WILLOUGHBY
N. WILLOUGHBY RD
BONNIEVIEW RD
E. ELM
N. COUNTY LINE RD
McCREADIE RD
SUNNYSIDE AIRPORT
YAKIMA VALLEY HWY
ROZA CANAL
OUTLOOK CANAL
SUNNYSIDE CANAL
YAKIMA CO.
BENTON CO.
12
82
241
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25
U T S R Q P O N M L K J I H G F E D C B A

3.0 FIELD ACTIVITIES

3.1 General Investigative Methods.

The soils within the excavation were visually inspected for contamination. Interviews, field screening and analytical laboratory analyses were used for data. The methods and general conclusions are discussed below.

3.2 Clean up Action/Site Assessment.

After the underground storage tanks and two sumps were removed from ground, approximately 2,000 yards of petroleum contaminated soil were excavated to a depth of 7 feet by Lewis Construction of Union Gap, Washington. The main area of which excavation was done was under the pipe line and under where the dry well was located. (See map in back of report.)

The petroleum contaminated soil was stockpiled on plastic in the southeast corner of the property.

3.3 Soil Sampling.

The sampling plan in the back of this report shows location of samples. The Field Sampling Log shows location depth and types of samples taken. In general, sample collection and control followed the following protocol:

1. Select a laboratory certified clean sample jar for sample collection.

2. Using clean latex gloves and clean sampling utensils (tri-sodium phosphate, chlorine solution, tap water rinse and distilled water rinse cycle.) Tightly pack the soil sample in the sample jar (4 oz.) to the top of the jar to prevent any air space.

3. Label the jar with soil sample number, the type of laboratory test required, the date, name of site and sampler. The sample is then entered on the chain of custody form.

4. Cool the sample in wet ice to approximately 4 degrees centigrade.

5. Repack the samples for shipment to the laboratory in blue ice and a cooler.

6. Relinquish samples to courier for shipment to the lab.

3.4 Ground Water Sampling.

No ground water was encountered during this excavation.

4.0 INVESTIGATIVE RESULTS

4.1 Summary of Soil Analyses.

After receiving laboratory reports from Spectra Laboratories, Tacoma, Washington, CE reviewed the analyses. Tests show site is clean of petroleum contamination.

5.0 CONCLUSIONS AND RECOMMENDATIONS

5.1 Conclusion.

The large petroleum spill under oil/water separator and assorted piping was cleaned up effectively by Lewis Construction. All contaminated product was placed on plastic for later land farming.

5.2 Recommendations.

Approximately 2,000 yards of contaminated soil remain on site. This material will need to be land farmed through Solar Evaporation and the use of Bio-Remediation. The site and clean up plan will have to be approved by Yakima County Health Department. Except for stockpile, no further work will be needed at this site.

6.0 LIMITATIONS

In performing our professional services, CE uses a degree of care ordinarily exercised under similar circumstances by members of our profession. No warranty, expressed or implied, is made or intended. Our conclusions and recommendations developed from our field and laboratory investigation reported herein are based upon this firm's understanding of the project and are in concurrence with generally accepted practice.

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: GDI leasing	Phone: 509-973-2247
Address: Route 2 Street Box 2898 Prosser State/Province WA Zip 99350 Country Yakima	
Authorized Contact: Mike Hogue	Phone: 509-973-2247
Name of Facility Operator: GDI leasing	Phone: 509-973-2247
Address: 61 Street East Allen Rd Sunnyside State WA. Zip 98944	
Authorized Contact: Mike Hogue	Phone: 509-973-2247
Name of Consultant: Bryan Mull	Phone: 509-865-5086
Name of Firm: Clay use Environmental	
Address: 60 Street Olden Way State WA. Zip 98948	

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.

Bryan Mull

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: 12-93

Date cleanup was completed: 1-94

FACILITY INFORMATION

Site Name
GDI leasing

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

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 Mike Hogue Phone 509-973-2247

Site Mailing Address (*or site contact mailing address*)
Route 2 Box 2898 Prosser WA. 99350

Site Location Address (*including zip code*)
61 East Allen Rd. Sunnyside WA. 98944

Closest City
Sunnyside

County (*where site is located*)
Yakima

Township 10 N Range R 23 E Section 32 Quarter-Quarter SW¼/NW¼ Meridian WM.

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/Operator Type	Code #	Owner Identification	Operator Identification
Private Party	1	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.

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

CLEANUP INFORMATION (continued)

Indicate the treatment methods used by completi ables 5-B through 5-D below. *(Check all tha ply)*

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-	X			-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	X			
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?
Tank 1	Diesel	1000 Gall		X	
Tank 2	Gas	1200 Gall		X	
Tank 3	Hydralic	1000 Gall		X	

ENVIRONMENTAL INDICATORS

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

How many cubic yards of soil have been treated? 2000 yd

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? 0

(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

Provide the name and address of the facility where soil was disposed.
Name G O F leasing
Address 61 East Allen Rd.
State/Zip Sunnyside WA. 98944

If ground water pump and treatment was conducted, how many gallons of ground water have been treated to date? 0 gals.

How many years is the ground water extraction system expected to continue in operation? 0 yrs.

RELEASE INFORMATION

Date of Release *(If known)*	Date of Discovery	Were any drinking water systems affected?
Un Known	12-93	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				X	
	Waste Oil					
	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

UNDERGROUND STORAGE TANK
Site Check/Site Assessment Checklist

The purpose of this form is to certify the proper investigation of an UST site for the presence of a release. These activities shall be conducted in accordance with Chapter 173.360 WAC. A description of the various situations requiring a site check or site assessment is provided in the guidance document for UST site checks and site assessments.

This Site Check/Site Assessment Checklist shall be completed and signed by a person registered with the Department of Ecology to perform site assessments.

Two copies of the results of the site check or site assessment should be included with this checklist according to the reporting requirements in the guidance document for UST site checks and site assessments.

For further information about completing this form, please contact the Department of Ecology UST Program.

The completed checklist should be mailed to the following address:

Underground Storage Tank Section
Department of Ecology
Mail Stop PV-11
Olympia, WA 98504-8711

1. UST SYSTEM OWNER AND LOCATION

UST Owner/Operator: G D I leasing

Owners Address: Route 2 Box 2948 (Street)

Prosser (City) WA. (State) P.O. Box 99350 (ZIP-Code)

Telephone: (509) 973-2247

Site ID Number (on invoice or available from Ecology if tank is registered):

Site/Business Name: G D I leasing

Site Address: 61 East Allen Rd. (Street) Yakima (County)

Sunnyside (City) WA. (State) 98944 (ZIP-Code)

2. SITE CHECK/SITE ASSESSMENT CONDUCTED BY:

Registered Person: Bryan Mull

Address: 60 Olden Way (Street)

Toppenish (City) WA. (State) P.O. Box 98948 (ZIP-Code)

Telephone: (509) 865-5086.

3. TANK INFORMATION

1. Tank ID Number (as registered with Ecology): _____
2. Year installed: Un Known
3. Tank capacity in gallons: 1000 Gal / 1200 Gal / 1000 Gal
4. Last substance stored: Hydrolic oil / Gasoline / Diesel

4. 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

_____ Required by Ecology or delegated agency for UST system closed before December 22, 1988

_____ Other (describe): _____

5. 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. Has the site check/site assessment been conducted according to applicable procedures specified in the UST site check/site assessment guidance issued by the Department of Ecology?	X	
2. Has a release from the UST system been confirmed? *NOTE: Owners/operators must report all confirmed releases to the Department of Ecology or delegated agency within 24 hours.*	X	
3. Are the results of the site check/site assessment enclosed with this checklist? *NOTE: Two copies of the site check/site assessment results must be submitted to the Department of Ecology according to the reporting requirements specified in the UST site check/site assessment guidance.*	X	

I hereby certify that I have been in responsible charge of performing the site check/site assessment described above. Persons submitting false information are subject to penalties under Chapter 173.360 WAC.

2-24-94
Date

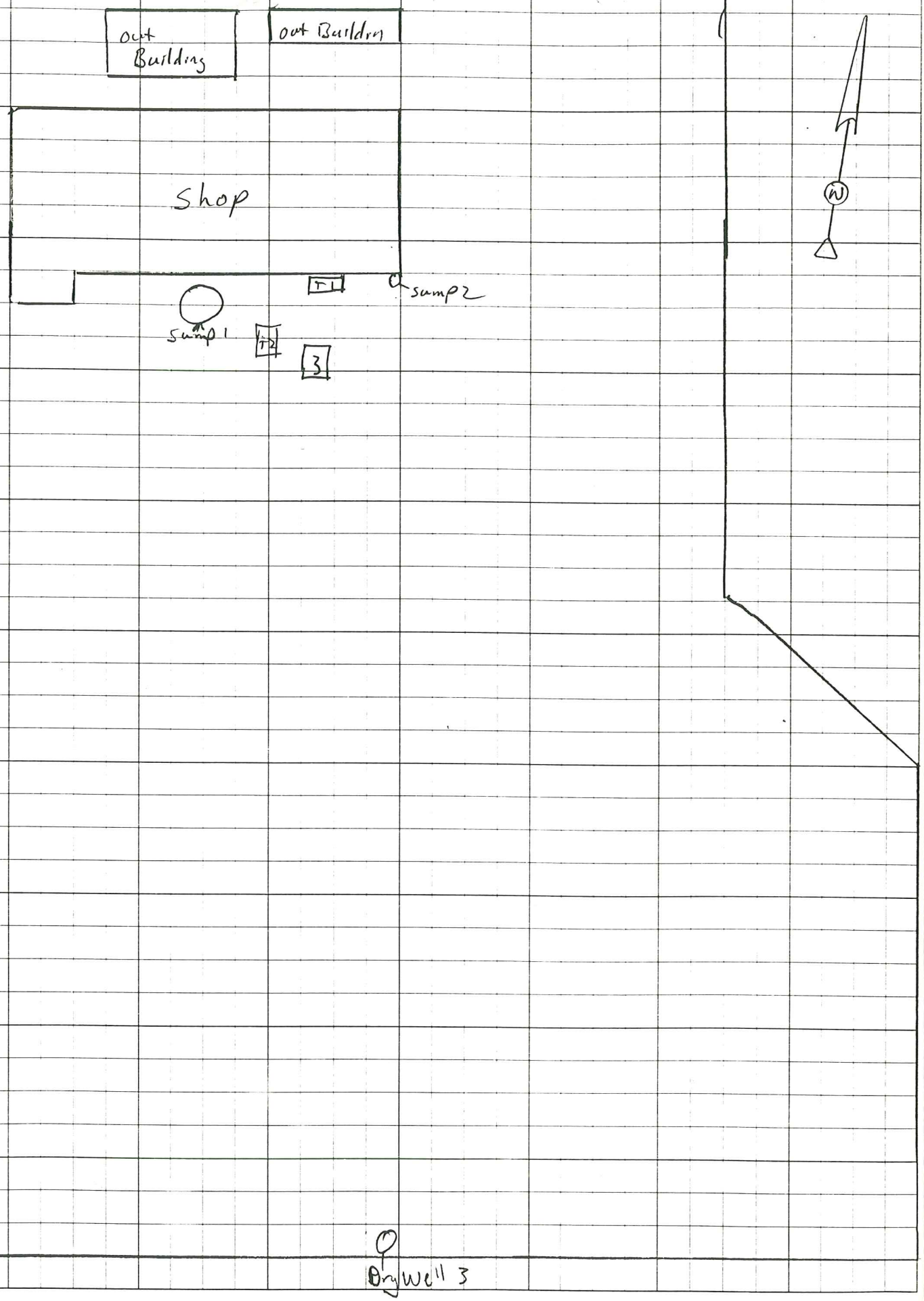
Bryan Mell
Signature of Person Registered with Ecology

6. OWNER'S SIGNATURE

_____
Date

_____
Signature of Tank Owner or Authorized Representative

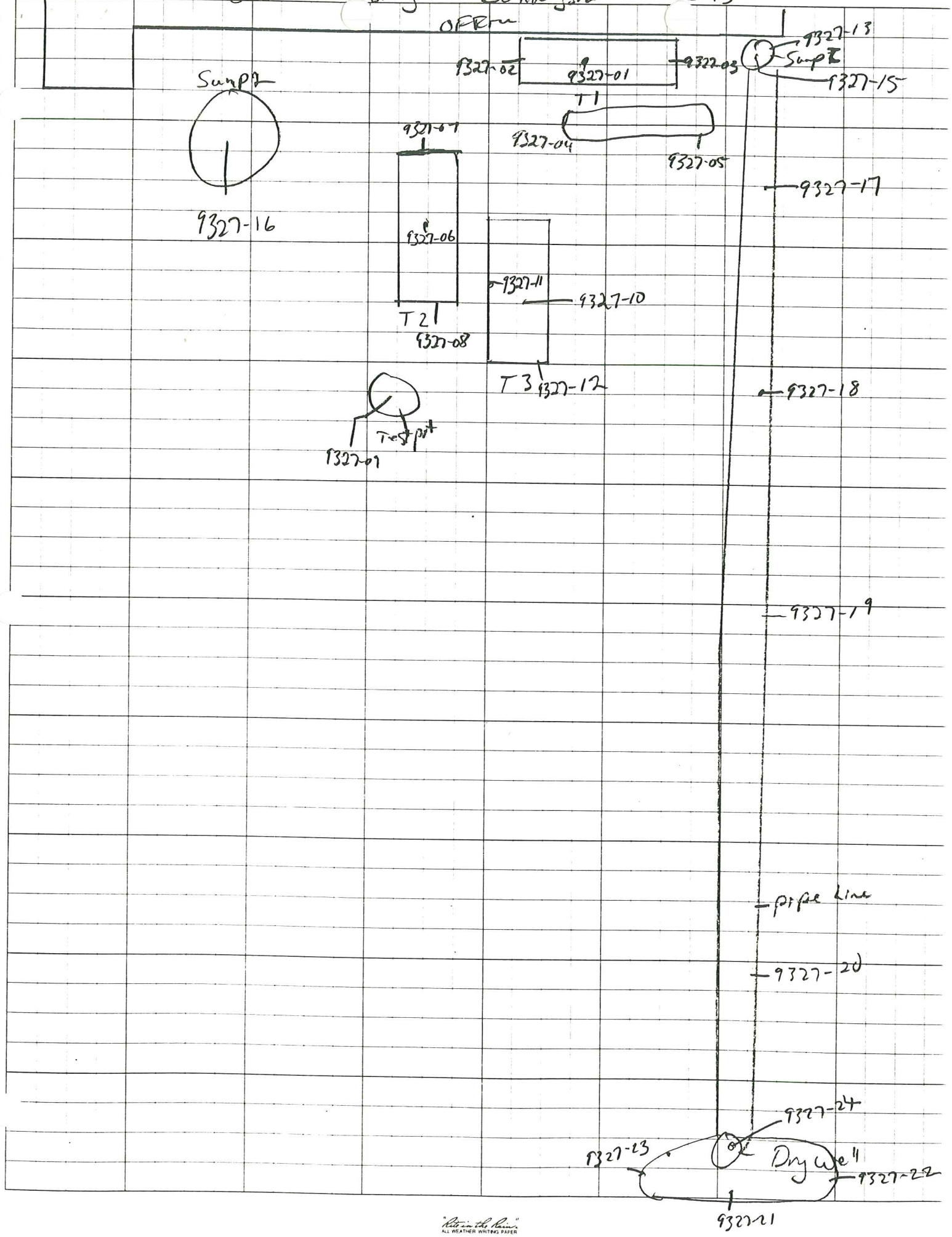
9328 GDI Leasing Sunnyside 12-93



9327 GDI Leasing Sunnyside 1293

Sample	Location	Matrix	Depth	Odor	TLC	Headspace
9327-01	Tank 1 Bottom	Soil	7'	NO		
9327-02	Tank 1 South Wall	Soil	6'	NO		
9327-03	Tank 1 East wall	Soil	6'	Yes		
9327-04	Test Pit West Wall	Soil	6'	NO		
9327-05	Test pit East wall	Soil	6'	Yes		
9327-06	Tank 2 Bottom	Soil	7'	NO		
9327-07	Tank 2 North wall	Soil	6'	NO		
9327-08	Tank 2 South wall	Soil	6'	NO		
9327-09	Test Pit 2	Soil	7'	NO		
9327-10	Tank 3 Bottom	Soil	7'	NO		
9327-11	Tank 3 West wall	Soil	6'	NO		
9327-12	Tank 3 South Wall	Soil	6'	NO		
9327-13	Test Pit 1	Soil	7'	NO		
9327-15	Sump 1 Bottom	Soil	8'	NO		
9327-16	Sump 2 Bottom	Soil	6'	NO		
9327-17	Pipe Line	Soil	6'	NO		
9327-18	Pipe Line	Soil	5'	NO		
9327-20	Pipe Line	Soil	5'	NO		
9327-21	Drywell South Side	Soil	4'	NO		
9327-22	Drywell East Side	Soil	4'	NO		
9327-23	Dry Well west	Soil	4'	NO		
9327-24	Dry well Bottom	Soil	5'	NO		

9327 GDI Leasing Sunnyside 12-93



SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

December 17, 1993

Cayuse Environmental
60 Olden Way
Toppenish, WA 98948

Attn: Gordon Mull

P.O. #9327
Sample Matrix: Soil
Date Received: 12-16-93
Spectra Project: S312-117
RUSH

Spectra #	ID	Total Petroleum Hydrocarbons, mg/Kg
8067	9327-001	<20
8068	9327-002	<20
8069	9327-003	800
8070	9327-004	24
8071	9327-005	10,000

Total Petroleum Hydrocarbons testing performed by WTPH-418.1 Modified

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

December 17, 1993

Cayuse Environmental
60 Olden Way
Toppenish, WA 98948

Attn: Gordon Mull

P.O. #9327
Sample Matrix: Soil
Date Received: 12-16-93
Spectra Project: S312-117
RUSH

Spectra #	Sample ID:	WTPH-D, mg/Kg	Surrogate Recovery p-terphenyl
8072	9327-006	<25	22*
8073	9327-007	<25	44*
8074	9327-008	<25	66
8075	9327-009	<25	73

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

December 17, 1993

Cayuse Environmental
60 Olden Way
Toppenish, WA 98948

Attn: Gordon Mull

P.O. #9327
Sample Matrix: Soil
Date Received: 12-16-93
Date Analyzed: 12-16-93
Spectra Project: S312-117
RUSH

Spectra #	Sample ID:	WTPH-G, mg/Kg	Surrogate Recovery Trifluorotoluene
8076	9327-001	38	90%
8077	9327-011	<20	83%
8078	9327-012	<20	81%
8079	9327-013	<20	83%

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

APPLIED SCIENCE

1106 Ledwich Ave., Yakima, WA 98902 (509) 248-4695 FAX (509) 452-1265

Chemistry, Microbiology, and Technical Services

CLIENT : Cayuse Environmental

Certificate of Analysis

Work Order # T4-01-060

TESTS PERFORMED AND RESULTS:

Analyte	Units	01	02	03
Total Solids in Soil	%	77.0	83.2	76.5
WTPH-418.1	mg/kg DB	< 25	< 25	< 25

APPLIED SCIENCE

1106 Ledwich Ave., Yakima, WA 98902 (509) 248-4695 FAX (509) 452-1265

Chemistry, Microbiology, and Technical Services

CLIENT : Cayuse Environmental

Certificate of Analysis

Work Order # T4-01-081

TESTS PERFORMED AND RESULTS:

Analyte	Units	01
Total Solids in Soil	%	82
WTPH-418.1	mg/kg DB	(25

SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

February 2, 1994

Cayuse Environmental
60 Olden Way
Toppenish, WA 98948

Attn: Gordon Mull

Method: WTPH-418.1 Mod.
Sample Matrix: Soil
Spectra Project: S401-186
Applies to Spectra #'s
1293 through 1297

HYDROCARBON ANALYSIS
QUALITY CONTROL RESULTS

MS/MSD

Spiked Sample: 1-24-94 Date Analyzed: 1-31-94
Units: mg/Kg

Compound	Sample Result	Spike Amount	Spike Result	% Recovery	Dup. Result	Dup. % Recovery	RPD
TPH	<20	224	205	91	183	82	11

METHOD BLANK

Date Extracted: 1-28-94 Date Analyzed: 1-28-94

Total Petroleum Hydrocarbons, mg/Kg <20

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

SPECTRA Laboratories, Inc.

2221 Ross Way • Tacoma, WA 98421 • (206) 272-4850

February 2, 1994

Cayuse Environmental
60 Olden Way
Toppenish, WA 98948

Attn: Gordon Mull

Project: Sunnyside
Sample Matrix: Soil
Date Sampled: 1-24-94
Date Received: 1-26-94
Spectra Project: S401-186

Spectra #	ID	Total Petroleum Hydrocarbons, mg/Kg
1293	9327-20	<20
1294	9327-21	<20
1295	9327-22	<20
1296	9327-23	<20
1297	9327-24	<20

Total Petroleum Hydrocarbons testing performed by WTPH-418.1 Modified

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

CHAIN OF CUSTODY RECORD

WORK ORDER ID# T401060 PAGE 1 OF 1

DATE 1-7-94

Laucks Testing Laboratories, Inc.

SUBMITTED AT:
- ☐ 940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063
- ☒ 1106 Ledwich Ave., Yakima, WA 98902 (509) 248-4695 FAX 452-1265

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING* (SEE BELOW)

NAME: Cargese Environmental

ADDRESS: 60 Olden Way
Toppenish WA.

ATTENTION: Bryan Mull

PROJECT NAME:

PROJECT CONTACT:

TELEPHONE/FAX: 865-5056 865-5056

JOB/P.O. NO.:

SAMPLER (SIGNATURE) Bryan Mull (PRINTED NAME) Bryan Mull

LAB SA#	SAMPLE ID / LOCATION	DATE	TIME	CIS-1	NO. OF CONTAINERS	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
-1	9327-15	1-7	4:15	X	1	
-2	9327-16	1-7	4:15	X	1	
-3	9327-17	1-7	4:15	X	1	

TESTS TO PERFORM

INSTRUCTIONS
1. USE ONE LINE PER SAMPLE.
2. BE SPECIFIC IN TEST REQUESTS.
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

***BILLING INFORMATION, IF DIFFERENT THAN ABOVE**
NAME ADDRESS
ATTN: CITY, STATE, ZIP

TURNAROUND REQUEST
- ☒ (24-48 HRS (100% SUR))
- ☐ 5-DAYS (50% SUR)
- ☐ STD. 10-14 DAYS
- ☐ OTHER _____

TOTAL NO. OF CONTAINERS

CHAIN OF CUSTODY SEALS? ☐ YES ☐ NO ☐ NA

SHIPPED VIA: ☐ UPS ☐ FED-EX ☐ BUS ☒ HAND ☐ _____

TEMPERATURE _____ ☐ AMBIENT ☐ REPRESENTATIVE

RELINQUISHED BY (SIGN AND PRINT)	DATE / TIME	RECEIVED BY (SIGN AND PRINT)	DATE / TIME
Bryan Mull / Bryan Mull	1-7-94 / 4:15	Tina Root	4:16pm 1-07-94
		LAUCKS TESTING LABS	

CHAIN OF CUSTODY RECORD

DATE 12-15-93 PAGE 1 OF 1

APPLIED SCIENCE
1106 LEDWICH AVE
YAKIMA, WA
98902
(509) 248-4695

NAME Cayuse Environmental
ADDRESS 80 Alder Way
Toppenish WA.
ATTENTION: Bryan Mull
PROJECT NAME Speed Lewis - Sunnyside
JOB/PO. NO. 9327
SAMPLER (SIGNATURE) Bryan Mull (PRINTED NAME) Bryan Mull

LAB NO.	SAMPLE NO.	DATE	TIME	LOCATION	TESTING PARAMETERS: 418.1	WTPH-D	WTPH-G	NO. OF CONTAINERS	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
	9327-001				X				
	9327 002				X				
	9327 003				X				
	9327 004				X				
	93-27-005				X				
	93-27-006					X			
	9327-007					X			
	9327 008					X			
	9327-009					X			
	9327-010						X		
	9327-011						X		
	9327-012						X		
	9327-013						X		

RELINQUISHED BY	DATE	RECEIVED BY	DATE
SIGNATURE Bryan Mull	12-15	SIGNATURE	
PRINTED NAME Bryan Mull	TIME 5	PRINTED NAME	TIME
COMPANY Cayuse Environmental		COMPANY	
RELINQUISHED BY	DATE	RECEIVED BY	DATE
SIGNATURE		SIGNATURE	
PRINTED NAME	TIME	PRINTED NAME	TIME
COMPANY		COMPANY	

TOTAL NUMBER OF CONTAINERS:

SHIPMENT METHOD:

INSTRUCTIONS:
1. Shaded areas for lab use only.
2. Complete in ballpoint pen. Draw one line through errors and initial.
3. Be specific in test requests.
4. Check off tests to be performed for each sample.
5. Retain final copy after signing.
6. Provide name and telephone of your contact person.

NAME

TELEPHONE

SPECIAL SHIPMENT, HANDLING OR STORAGE REQUIREMENTS

24 Hour Rush

CHAIN OF CUSTODY RECORD

Laucks Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 76.
1106 Ledwich Ave., Yakima, WA 98902 (509) 248-4695 FAX 452 65

WORK ORDER ID# T401081 PAGE ____ OF ____

DATE 1-12-94

SUBMITTED AT:

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING* (SEE BELOW)

NAME: Pagase Environmental

ADDRESS: 60 Olden Way
Tupperish WA.

ATTENTION: B. Mull

PROJECT NAME:

PROJECT CONTACT: B Mull

TELEPHONE/FAX: 865-

JOB/P.O. NO.:

SAMPLER (SIGNATURE) (PRINTED NAME)

LAB SA#	SAMPLE ID / LOCATION	DATE	TIME	TESTS TO PERFORM: 418.1	NO. OF CONTAINERS	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
-1	9327-18	1-12	5pm	X		Hopeful 24 hr 3:00pm 1-13-94

INSTRUCTIONS

1. USE ONE LINE PER SAMPLE.
2. BE SPECIFIC IN TEST REQUESTS.
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

***BILLING INFORMATION, IF DIFFERENT THAN ABOVE**

NAME ADDRESS

ATTN: CITY, STATE, ZIP

TURNAROUND REQUEST

- [x] 24-48 HRS (100% SUR)
- [ ] 5-DAYS (50% SUR)
- [ ] STD. 10-14 DAYS
- [ ] OTHER ____

TOTAL NO. OF CONTAINERS

CHAIN OF CUSTODY SEALS?
☐ YES ☐ NO ☐ NA

SHIPPED VIA:
☐ UPS ☐ FED-EX ☐ BUS
☐ HAND ☐ ____

TEMPERATURE ____
☐ AMBIENT ☐ REPRESENTATIVE

RELINQUISHED BY (SIGN AND PRINT)	DATE / TIME	RECEIVED BY (SIGN AND PRINT)	DATE / TIME
Bryan Mull / Bryan Mull	1-12-94 5pm	Terri Pod	1-12-94 1500
		TD Laucks LAUCKS TESTING LABS	