002577

## SITE ASSESSMENT AND INTERMEDIATE CLEANUP

## ENGINEERING REPORT

1/2

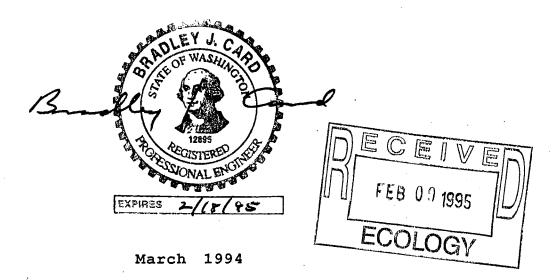
on

### UNDERGROUND STORAGE TANK REMOVAL

for

## WASHINGTON BEEF

West Ahtanum Road and Goodman Road Union Gap, Washington



Job No. 93361

Prepared by

PLSA ENGINEERING & SURVEYING WDOE LIC. No. S000210 1120 West Lincoln Avenue Yakima, WA 98902 (509) 575-6990





## SITE ASSESSMENT AND INTERMEDIATE CLEANUP ENGINEERING REPORT

on

#### UNDERGROUND STORAGE TANK REMOVAL

for

WASHINGTON BEEF
West Ahtanum Road and Goodman Road
Union Gap, Washington

#### INTRODUCTION

Washington Beef decided to remove two underground storage tanks (UST) from their premises at Lower Ahtanum Road and Goodman Road, Union Gap, Washington.

Both tanks were steel, had contained gasoline at last use, and were 1,000 gallons capacity each. After tank removal, petroleum was detected to have been released into the surrounding soil, but the tanks appeared to be in good condition. See Figure 1. The tanks were located in NW 1/4, SW 1/4, SEC 6, TWP 12N, R19-EWM.

This report summarizes site conditions, describes remediation and disposal of petroleum contaminated soil (PCS), and describes intermediate site cleanup. Results of laboratory testing of representative soil samples for characterization of the spilled petroleum, and for presence of Total Petroleum Hydrocarbons (TPH) as determined by Washington State Department of Ecology (WDOE) test methods, and benzene, toluene, ethyl benzene, xylene (BTEX), and lead by United States Environmental Protection Agency (USEPA) test methods as appropriate are included.

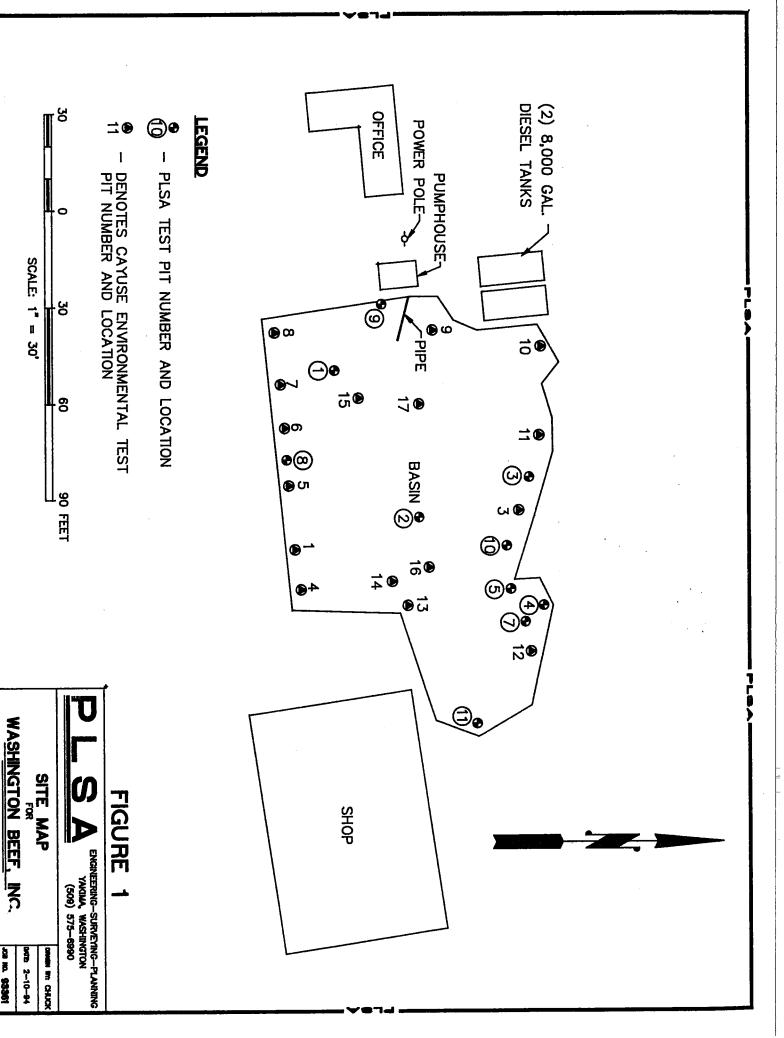
An environmental engineer and a geological engineer from PLSA Engineering and Surveying experienced with local soil conditions monitored and provided technical assistance to Washington Beef.

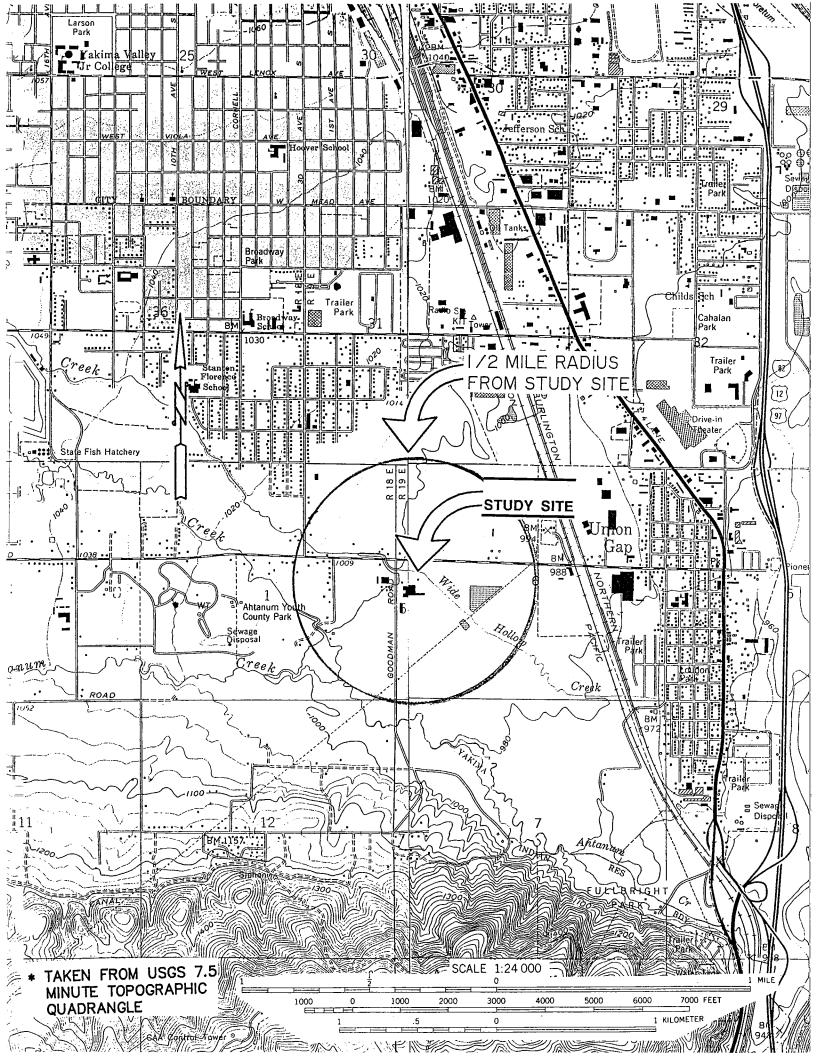
Environmental with Mr. Bryan Mull as project manager, a WDOE Ticensed tank decommissioning contractor. Ken's Construction provided excavation equipment, trucks, and tank cleaning. Ken Leingang Excavating, Inc. provided pumps and oil separator equipment for dewatering.

The owner's representative and contact person for this project is as follows:

APR | 9 **1994** 

CENTRAL REGION OFFICE





Mr. Dave Stiner
Washington Beef
P.O. Box 9344
Union Gap, Washington 98909
phone (509) 248-3350

#### SURFACE CONDITIONS

A combination asphaltic concrete paved and graveled parking area covered the tank basins. Wide Hollow Creek is located approximately 100 feet north, and the meat packing facility borders the tank basin on the south. A retired former maintenance supervisor reported that the area has been used for various methods of motor fuel storage since circa 1950 and that he had observed improper handling of petroleum products including overfilling vehicle fuel tanks, and overfilling underground storage tanks.

The area was used as a cattle holding pen or feedlot prior to use as motor fuel storage.

#### SUB-SURFACE CONDITIONS

Sandy silt topsoil (Uniform Soil Classification System ML) overlies a deep stratum of cobbles, gravel, and sand (USCS classification GW). Ground water was encountered in the tank basin at approximately 9 feet below the surface.

Tanks were bedded in native soil. Petroleum contamination was found from the surface down in most locations. Prior use of the area for cattle holding pens resulted in nutrients and organic material from the cattle penetrating the soil. This resulted in darkened soil which appeared identical to that from staining by petroleum. Presence of nutrients in the soil and ground water and appearance of the soil was evidence that bioremediation had occurred.

From general topography, it appears that the groundwater hydraulic gradient is to the north toward the Wide Hollow Creek located approximately 100 feet north.

#### SAMPLING PLAN

Representative soil samples were collected from the tank basins and the stockpiled soil by Cayuse Environmental. Additional water and soil samples were collected by PLSA. Those samples collected by PLSA were in sample containers supplied by the analytical laboratory and were clean glass with Teflon lined, screwed caps. Sampling equipment was cleaned between samplings.

Cayuse Environmental samples were stored and shipped to Spectra Laboratories, Tacoma, Washington, WDOE Accreditation

Number C077, by overnight express in a refrigerated, insulated container.

Samples collected by PLSA were similarly collected, refrigerated and shipped to Sound Analytical Laboratory, Fife, Washington, WDOE Accreditation No. C027. One water sample collected by PLSA was received directly and analyzed for petroleum hydrocarbons by method EPA 418.1 by TR Applied Science of Yakima, Washington.

Sample locations are depicted one Figure 1. Laboratory analytical reports may be found in Appendix I.

#### CONTAMINANT CHARACTERIZATION

Samples from below the various tanks were collected and submitted to a laboratory for analysis for contaminant characterization by WDOE WTPH-G and WTPH-418.1 modified analyses. Characterization using these analyses found gasoline contamination in excess of 13,000 mg/kg and total petroleum hydrocarbon concentration at 24,000 mg/kg. Heavy oil in the waste oil tank basin was the only contaminant found to be in excess of WDOE Model Toxics Control Act (MTCA) WAC 173-340 cleanup regulations.

Gasoline release appeared to have originated from an improperly tightened fitting at a dispenser. Diesel contamination was from earlier releases from unknown sources and/or improper handling, such as overfilling.

A Photovac TIP I ultraviolet analyzer was used to scan the limits of the cleanup excavation for Volatile Organic Compounds (VOC's). No significant VOC indication was found in the gasoline tank basin. Petroleum odor indication was detected when soil in the tank basin was disturbed during the cleanup excavation. Petroleum odor in darkened soil diminished rapidly with distance from the tank basin. Soil odor changed to swampy. Sample jar head space odors were not typical of gasoline or diesel. It appeared that presence of nutrients had resulted in reduction of petroleum contamination by bioremediation.

#### ..... CLEANUP METHOD

Locally available excavation equipment furnished by Ken's Construction was used for tank and PCS removal. Cleanup by excavation of PCS and immediate transport to Ron Anderson's Rocky Top Decontamination Site was necessary because the PCS was not allowed to be stored on site.

#### CONTAMINANT REMOVAL AND PROPOSED INTERMEDIATE CLEANUP

A Photovac TIP 1 photoanalyzer was used to detect VOC's, and a GASTECH 1314 SMPN combustible gas indicator (CGI) was used to detect combustible mixtures as contaminated soil was removed until significant readings were no longer obtained in the walls of the

excavation or until the excavation began to threaten buildings or other improvements. Representative soil samples were then collected and submitted for laboratory analysis to verify the TIP and CGI results. Results of the laboratory analysis may be found in Appendix I and summarized in Figure 1.

PCS extended downward to the bottom of the excavation, 10 feet below the surface, which was 2 feet below the free ground water surface. The excavation was dewatered using a pump discharging to an API oil separator followed by a coalescing plate oil separator. It appeared that petroleum contamination in soil decreased rapidly with distance from the location of the tank. Groundwater characterization contamination was only 2 mg/l which is 1 mg/l above MTCA method A cleanup level. Low groundwater petroleum concentration (TPH) may in part attributed to the presence of nutrients in the ground water making bioremediation possible. Ground water samples collected from the completed clean up analyzed less than 1 mg/l TPH which is within MTCA (WAC 173-340-740 Method A) cleanup levels.

Analytical results of samples of both soil and ground water from the completed cleanup are all within the levels specified in WAC 173-340-740 Method A (MTCA) with the exception of one sample from the west side of the excavation at the footing of a small building. This sample contained 1,100 mg/kg aged gasoline, light diesel, or heavy oil concentration. Benzene and toluene were not detected in this sample and ethylbenzene, xylenes, and lead were below MTCA action values. No free product was observed and petroleum odor was slight at the sample location. Any further excavation at this location would jeopardize an adjacent small building.

It appears that passive bioremediation will eliminate the remaining petroleum contamination at about the same rate as would other in-situ methods, such as soil venting.

Intermediate cleanup is recommended with no further action necessary or recommended.

#### RISK ANALYSIS

Final sampling found groundwater and all soil sample locations to be below MTCA action values except one soil sample on the west side of the excavation limit next to a building. There is ample evidence that passive bioremediation has and is taking place. This is possibly due to the nutrient content of the soil in the former feedlot. Domestic water for the area is supplied by the City of Union Gap.

Remaining contaminated soil is isolated from contact by humans or animals by approximately 9 feet of clean backfill and ground water is not contaminated. Benzene was not found. Remaining petroleum contamination is limited to the higher molecular weight fractions, which are of relatively low toxicity.

Passive bioremediation is expected to destroy the remaining petroleum contamination with time.

#### DISPOSAL OF CONTAMINATED SOIL

The excavated PCS was transported to Anderson's Rocky Top Decontamination Site for remediation by land farming.

#### DISPOSAL OF TANKS AND PIPING

Cayuse Environmental reported that tanks were inerted with dry ice, cut open, scraped and cleaned with solzall to remove remaining product. The cleaned tanks were then reported to have been delivered to Douglas Wrecking in Wapato, Washington for disposal. See letter Appendix IV.

#### SITE CLOSURE

The cleanup excavation will be backfilled with clean soil, and restored to the original use as a parking area.

#### CONCLUSIONS

All final soil and groundwater samples were within the levels specified in WAC 173-340-740 Method A with the exception of one soil sample from the west end of the excavation. Removal of this relatively low-toxicity residual contamination would jeopardize permanent improvements. Passive bioremediation appears to be occurring at the excavation limits, so no further action is recommended or necessary.

#### LOCAL DOCUMENTED WATER WELLS

Domestic water is supplied by the City of Union Gap water system for the area. Logs of documented domestic water wells within one half mile radius of the site may be found in Appendix III.

#### CHECKLISTS

Completed Site Assessment and Independent Remedial Action Report Summary checklists may be found in Appendices IV and  $V_r$  respectively.

# APPENDIX I Analytical Results

## SPECTRA Laboratories, Inc.

2221 Ross Way

Tacoma, WA 98421

(206) 272-4850

November 30, 1993

Cayuse Environmental

60 Olden Way

Toppenish WA 98948

Attn: Bryan Mull

Project: Wash. Beef Sample Matrix: Soil

Date Sampled: 11-15-93 Date Received: 11-16-93 Date Analyzed: 11-30-93

Spectra Project: S311-104

Spectra #	Sample ID:	WTPH-G, mg/Kg	Surrogate Recovery Trifluorotoluene
6425	9323-01	13,269	8831%*
6426	9323-02	624	94%
6427	9323-03	2,792	67%
6428	9323-04	11,131	6061%*
6429	9323-05	< 20	108%
6430	9323-06	1,491	64%
Method Blank		<20	108%

<sup>\*</sup>Out of limits due to sample matrix effects.

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

## SPECTRA Laboratories, Inc.

2221 Ross Way

Tacoma, WA 98421

(206) 272-4850

November 30, 1993

Cayuse Environmental 60 Olden Way

Toppenish WA 98948

Attn: Bryan Mull

P.O. #9323

Project: Wash. Beef Sample Matrix: Soil Date Sampled: 11-15-93 Date Received: 11-16-93 Spectra Project: S311-104

RUSH

Spectra #	<u>ID</u>	Total Petroleum Hydrocarbons, mg/Kg
6425	9323-01	14,000
6426	9323-02	9,500
6427	9323-03	24,000
6428	9323-04	10,000
6429	9323-05	210
6430	9323-06	550

Total Petroleum Hydrocarbons testing performed by WTPH-418.1 Modified

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

# APPENDIX II Intermediate Analytical Results

#### SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: PLSA Engineering

Date: December 16, 1993

Report On: Analysis of Soil

Lab No.: 36807

Page 1 of 2

IDENTIFICATION:

Samples received on 12-15-93

Project: 93361

ANALYSIS:

Lab Sample No. 36807-1

Client ID: 1

WTPH-D

Date Extracted: 12-15-93 Date Analyzed: 12-16-93

Parameter Result, mg/kg POL Flag

Diesel (> C12 - C24)

ND

25

SURROGATE RECOVERY, %

o-terphenyl

114

ND - Not Detected PQL - Practical Quantitation Limit

Continued . . . .

PLSA Engineering Project: 93361 Lab No. 36807 Page 2 of 2 December 16, 1993

Lab Sample No. 36807-2

Client ID:

WTPH-D

Date Extracted: 12-15-93

Date Analyzed: 12-16-93

> Result, mq/kq PQL Flaq 77

Diesel (> C12 - C24)

<u>Parameter</u>

25

**X**1

SURROGATE RECOVERY, %

o-terphenyl

116

X1 - Aged or degraded diesel

Lab Sample No. 36807-3

Client ID: 3

Parameter

Result, mq/kq

POL

Flaq

Diesel (> C12 - C24) ND

25

SURROGATE RECOVERY, %

o-terphenyl

115

ND - Not Detected

PQL - Practical Quantitation Limit

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS 4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: PLSA Engineering

Date: December 17, 1993

Report On: Analysis of Soil

Lab No.: 36842

Page 1 of 2

IDENTIFICATION:

DEC-17-93 FRI 11:11

Samples received on 12-16-93

Project: 93361

ANALYSIS:

Lab Sample No. 36842-1

Client ID:

Flag

WTPH-D

Date Extracted: 12-16-93 Date Analyzed: 12-17-93

Result, mq/kq PQL Parameter 33 Diesel ND

(> C12 - C24)

SURROGATE RECOVERY, &

o-terphenyl 107

ND - Not Detected PQL - Practical Quantitation Limit

Continued . . . .

PLSA Engineering Project: 93361 Lab No. 36842 Page 2 of 2 December 17, 1993

Lab Sample No. 36842-2

Client ID: 5

WTPH-D

Date Extracted: 12-16-93 Date Analyzed: 12-17-93

Parameter Result, mg/kg POL Flag
Diesel ND 36
(> C12 - C24)

SURROGATE RECOVERY, &

o-terphenyl 109

Lab Sample No. 36842-3

Client ID: 6

WTPH-D

Date Extracted: 12-16-93 Date Analyzed: 12-17-93

 Parameter
 Result, mg/kg
 PQL
 Flag

 Diesel
 ND
 33

 (> C12-C24)
 ND
 33

SURROGATE RECOVERY, %

o-terphenyl 109

ND - Not Detected PQL - Practical Quantitation Limit

#### SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: PLSA Engineering

Date: January 28, 1994

Report On: Analysis of Water

Lab No.: 37692

IDENTIFICATION:

Sample received on 01-27-94

Project: 93361

ANALYSIS:

Lab Sample No. 37692-1

Client ID: 7

WTPH-G with BTEX by EPA Method 8020 Date Analyzed: 1-28-94

<u>Parameter</u>	Result, mg/L	<u>PQL</u>	<u>Flag</u>
Gasoline (C7-C12)	ND	0.10	
Benzene Toluene Ethyl Benzene Xylenes	ND ND 0.001 0.003	0.001 0.001 0.001 0.001	

#### SURROGATE RECOVERY, %

Trifluorotoluene

91

ICP Metals Per EPA Method 6010 Date Analyzed: 1-28-94

<u>Parameter</u>	ı	Result, mg/L	POL
Lead		ND	0.05

ND - Not Detected PQL - Practical Quantitation Limit

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS 4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 • TELEPHONE (206)922-2310 - FAX (206)922-3047

Report To: PLSA Engineering

Date: February 10, 1994

Report On: Analysis of Soil

Lab No.: 37955

IDENTIFICATION:

Samples received on 02-08-94

Project: 93361

ANALYSIS:

Lab Sample No. 37955-1

Client ID: 8

WTPH-G with BTEX by EPA Method 8020

Date Extracted: 2-8-94 Date Analyzed: 2-10-94

<u>Parameter</u>	Result, mg/kg	POL	<u>Flag</u>
Gasoline (C7-C12)	2.0	1.4	
Benzene Toluene Ethyl Benzene Xylenes	ND 0.19 ND ND	0.07 0.07 0.07 0.07	

SURROGATE RECOVERY, &

Trifluorotoluene

69

ICP Metals Per EPA Method 6010 Date Analyzed: 2-9-94

Parameter	Result, mg/kg	POL
Lead	6.1	3.4

ND - Not Detected PQL - Practical Quantitation Limit

PLSA Engineering Project: 93361 Lab No. 37955 February 10, 1994

Lab Sample No. 37955-2

Client ID: 9

X8

WTPH-G with BTEX by EPA Method 8020
Date Extracted: 2-8-94

Date Analyzed: 2

<u>Parameter</u>	Result, mg/kg	POL	<u>Flag</u>
Gasoline (C7-C12)	1,100	13	X1
Benzene Toluene Ethyl Benzene Xylenes	ND ND 1.6 4.8	0.64 0.64 0.64 0.64	
SURROGATE RECOVERY, &			

X1 - Aged gas, light diesel or heavier oil

ICP Metals Per EPA Method 6010 Date Analyzed: 2-9-94

NR

Parameter	Result, mg/kg	<u>PQL</u>
Lead	7.4	3.0

NR - Not Reported ND - Not Detected

Trifluorotoluene

PQL - Practical Quantitation Limit

PLSA Engineering Project: 93361 Lab No. 37955 February 10, 1994

Lab Sample No. 37955-3

Client ID: 1

WTPH-G with BTEX by EPA Method 8020

Date Extracted: 2-8-94
Date Analyzed: 2-10-94

Parameter	Result, mg/kg	POL	Flag
Gasoline (C7-C12)	3.9	1.4	
Benzene Toluene Ethyl Benzene Xylenes	ND ND ND ND	0.07 0.07 0.07 0.07	
SURROGATE RECOVERY, %			
Trifluorotoluene	71		

ICP Metals Per EPA Method 6010 Date Analyzed: 2-9-94

<u>Parameter</u>	Result, mg/kg	$\underline{\mathtt{PQL}}$
Lead	18	3.0

ND - Not Detected PQL - Practical Quantitation Limit

PLSA Engineering Project: 93361 Lab No. 37955 February 10, 1994

Lab Sample No. 37955-4

Client ID:

11

WTPH-G with BTEX by EPA Method 8020 Date Extracted: 2-8-94

Date Analyzed: 2

2-10-94

<u>Parameter</u>	Result, mg/kg	POL	Flag
Gasoline (C7-C12)	1.8	1.3	
Benzene Toluene Ethyl Benzene Xylenes	ND ND ND ND	0.07 0.07 0.07 0.07	
SURROGATE RECOVERY, %		· .	
Trifluorotoluene	74		

ICP Metals Per EPA Method 6010 Date Analyzed: 2-9-94

<u>Parameter</u>	Result, mg/kg	POL	
Lead	6.9	3.1	

ND - Not Detected PQL - Practical Quantitation Limit



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

Chemistry, Microbiology, and Technical Services

: Cayuse Environmental

Certificate of Analysis

Work Order # T3-12-112

TESTS PERFORMED AND RESULTS:

Analyte

Units

01

Total Solids in Soil

88.

WTPH-418.1

mg/kg DB





## 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. #9323

Sample Matrix: Water
Date Sampled: 12-14-93
Date Received: 12-16-93
Date Analyzed: 12-17-93
Spectra Project: S312-118

RUSH

Spectra #	Sample_ID:	WTPH-D, ug/L	Surrogate Recovery p-terphenyl
8080	9323-002	740	53
8081	9323-003	902	67

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. #9323

Sample Matrix: Soil
Date Sampled: 12-14-93
Date Received: 12-16-93
Date Analyzed: 12-17-93
Spectra Project: S312-118

RUSH

Spectra #	Sample ID:	WTPH-D. mg/Kg	Surrogate Recovery p-terphenyl
8082	9323-004	<25	76
8083	9323-005	<25	74
8084	9323-006	<25	39*
8085	9323-007	<25	101
8086	9323-008	<25	76
8087	9323-009	52	59
8088	9323-010	<25	26*
8089	9323-011	<25	78
8090	9323-012	<25	103
8091	9323-013	<25	31*
8092	9323-014	58	65
8093	9323-015	<25	76
8094	9323-016	<25	52
8095	9323-017	<25	73

Out of limits due to sample matrix effects.

SPECTRA LABORATORIES, INC.

Steven G. Hibbs, Chemist

## APPENDIX III Documented Well Logs

File Original and First Copy with Department of Ecology

087461 Start Card No. \_

Second Copy-Owner's Copy

STATE OF WASHINGTON

	nd Copy—Owner's Copy Copy—Driller's Copy	VASHINGTON  Water Right Permit No		_K_
1)	OWNER: Name Robert H. Bartsch	Address 2608 S. 1st Ave. Union (	_	
_	LOCATION OF WELL: County Yakima	SE % Sec 1 T.	12_ <sub>N., R</sub> _	18 <sub>w.m.</sub>
2a)	STREET ADDDRESS OF WELL (or nearest address) Parcel # 18	3 12 01-42004 NW 52		
3)	PROPOSED USE: Domestic Industrial Municipal Industrial	(10) WELL LOG or ABANDONMENT PROCEDU	RE DESC	RIPTION
	□ DeWater Test Well □ Other □	Formation: Describe by color, character, size of material an thickness of aquifers and the kind and nature of the material in en with at least one entry for each change of information.	d structure, ach stratum	and show penetrated,
4)	TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL	FROM	то
	Abandoned New well X Method: Dug G Bored C Cable Driven G	Top soil brown soft	0	1
	Reconditioned ☐ Rotary 🛛 Jetted ☐	Clay brown Clay & gravel dark brown medium	12	12 95
5)	DIMENSIONS: Diameter of well 10 x 6 inches.  Drilled 121 feet. Depth of completed well 121 ft.	Clay tan w/sand & gravel soft	95	110 tra
	Drilledteet. Depth of completed well	Sandstone multi color medium	110	<u>121 w</u> ate
6)	CONSTRUCTION DETAILS:  Casing installed: 6" Diam. from +2 ft. to 118 ft.			
				<u></u>
	Liner installed 🔲			
	Type of perforation used			
	perforations fromft. toft.			
	perforations fromft. toft.			
	perforations fromft. toft.			
	Screens: Yes No X	·		
	Manufacturer's Name	Vul. 201	<u> </u>	
	Type Model No	<u> </u>		
	Diamft. toft.	·		
	Diam. Slot size from ft. to ft.			
	Gravel packed: Yes No X Size of gravel		<del> </del>	<u> </u>
	Gravel placed fromft. toft.			<u> </u>
	Surface seal: Yes No To what depth? 18 ft.			
	Material used in seal Bentonite	6" Drive shoe utilized		
	Did any strata contain unusable water? Yes No X			
	Type of water?Depth of strata			
	Method of sealing strata off		ļ	
(7)	PUMP: Manufacturer's Name			
	Type:H.P		ļ	
(8)	WATER LEVELS: Land-surface elevation above mean sea level ft.			
	Static level 54 above mean sea level 7 -9-92 ".		<del> </del>	
	Artesian pressurelbs. per square inch Date		+	
	Artesian water is controlled by(Cap, valve, etc.))	West started 7-8-92 19 Completed 7-9	<del> </del>	1992
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 7-8-92 19. Completed 7-9		
	Was a pump test made? Yes No X If yes, by whom?	WELL CONSTRUCTOR CERTIFICATION:		•
	Yield: 50 gal./min. with It. drawdown after hrs.	I constructed and/or accept responsibility for con-	struction o	f this well,
	Estimated air lift 50 GPM	and its compliance with all Washington well con Materials used and the information reported above	are true	to my best
	Recovery data (time taken as zero when pump turned off) (water level measured	knowledge and belief.		
	from well top to water level) Time Water Level Time Water Level Time Water Level	NAME Ponderosa Drilling & Develop	ment,	Inc.
		(PERSON, FIRM, OR CORPORATION)  Address E. 6010 Broadway Spokane,		OR PRINT) 19212
_		Address		<del></del>
	Date of test	(Signed) Chul Harden License	No. 190	8
	Bailer test gal./min. with ft drawdown after hrs.	Contractor's (WELL DRILLEM) (Chris Hayes	5)	
	Airtest gal. / min. with stem set at ft. for hrs.	Registration No.PO-ND-EI*248JE Date 7-13		10.02
	Artesian flow g.p.m. Date	NO. FO-IND-ELT-240UFL Date /-13	· · · · ·	, 19_74
	Temperature of water Was a chemical analysis made? Yes No	(LISE ADDITIONAL SHEETS IE NECE	SSARY	45

## WATER WELL REPORT

STATE OF WASHINGTON

Applicatio	n No.	

	Permit No	
OWNER: Name Raymond Andrews	Address 2610 South 1st Avenue Cit	
OCATION OF WELL: Grant Yakima	NIII CE	
) OCATION OF WELL: County Yakima	NW 14 SE 14 Sec Ol T 12 N	, r18.w.m
g and distance from section or subdivision corner		
(3) PROPOSED USE: Domestic XX Industrial   Municipal	(10) WELL LOG:	
		<u> </u>
Irrigation ☐ Test Well ☐ Other ☐	Formation: Describe by color, character, size of material and show thickness of aquifers and the kind and nature of the material and the kind and nature of the material and the strategy are the factors of the material and the strategy are the factors of the material and the strategy are the factors of the material and the strategy are the strategy and the strategy are the strategy and the strategy are the strategy are the strategy and the strategy are the strategy are the strategy and the strategy are the strat	structure, an
(4 TYPE OF WORK: Owner's number of well	stratum penetrated, with at least one entry for each change	aterial in eacl of formation
(if more than one)	MATERIAL FRO	
New well  Method: Dug  Bored  Bored	Top Soil - Brown 0	
Deepened ☐ Cable ☐ Driven ☐ Reconditioned ☐ Retary ☐ Letted ☐	Conglomerate & Loose Gravel	1.2
Reconditioned Rotary Jetted	D	
(5) DIMENSIONS: Diameter of well 5 inches	<b></b>	2   16
Drilledft. Depth of completed wellft.	Conglomerate - Very Hard	İ
Depth of completed well	Dark Brown1	6 26
(6) CONSTRUCTION DETAILS:	Sand With Conglomerate	<del></del>
	Light Brown 2	6 27
Casing installed: 5 "Diam. from 0 ft. to 483/4ft.	Conglomerate - Dark Browm 2	
Threaded Threaded ft. to ft.		7   45물
Welded 🕅 Tiam. from ft. to ft.	Conglomerate - Extra Hard	
Perforations: Yes No No	Drilling Brown 4	5ੇ 48
	Conglomerate - Light Brown 4	8 -
Type of perforator used		
SIZE of perforations in. by in.		
perforations from ft. to ft.		<del>`</del>
perforations from ft. to ft.		<del>`</del>
perforations from ft. to ft.		
Screens: Yes No No		
Manufacturer's Name		
Type		
Diam. Slot size from ft. to ft.		
Diam. Slot size from ft. to ft.		<del></del>
Gravel packed: Yes No Size of gravel:		
Gravel placed from ft. to ft.		<del></del>
a c		
Surface seal: Yes No D To what depth? ft.		
Material used in seal Bentonite		
Did any strata contain unusable water? Yes 🗌 No 🖂		
Type of water? Depth of strata		
Method of sealing strata off		
(7) PIIMP		
(7) PUMP: Manufacturer's Name		<del></del>
Type: H.P		
(8) WATER LEVELS: Land-surface elevation above mean sea level 1009ft.		
above mean sea level $\pm 0.0$ /ff		
Top of well Date	<u> </u>	
Artesian pressure		<del></del>
Artesian water is controlled by(Cap, valve, etc.)		<del></del>
		<del></del>
(9) WELL TESTS:  Drawdown is amount water level is lowered below static level	7 (00	
Was a pump test made? Yes No 🕅 If yes, by whom?	Work started 1/29 , 19 74 Completed 1/30	
Yield: 20 gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:	
n n u n		
n . n n u	This well was drilled under my jurisdiction and thi	is report is
	true to the best of my knowledge and belief.	
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)		
Time Water Level   Time Water Level   Time Water Level	NAME Jensens Well Drilling & Dri	ving
The state of the s	(Person, firm, or corporation) (Type or	print)
	Address 1603 South 10th Avenue	
	Address 100) Bouth 10th Avenue	
to of took	$\rho / \cdot \rho ()$	1
ate of test	[Signed] Mus B, Jusin	$\ell_{n}$ .
Bailer test gal/min, with ft. drawdown after hrs.	/ Well Driller)	
Artesian flowg.p.m. Dateg.p.m.	7: N 0217	
was a chemical analysis made? Kes   No	License No	, 1974

S. F. No. 7356—OS—(Rev. 4-71). 2/2//7

(USE ADDITIONAL SHEETS IF NECESSARY)

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ind Copy—Owner's Copy
Copy—Driller's Copy

## WATER WELL REPORT

3957

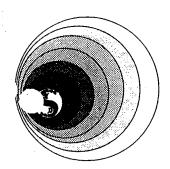
Start Card No. 36648 STATE OF WASHINGTON WNER: Name\_ GARY WILLOUGHBY Water Right Permit No. Address 715 MEADOWBROOK URKINA UK. LOCATION OF WELL: County AKIMA STREET ADDDRESS OF WELL (or nearest address). NW NE N Sec\_ 2404 S. 6 - AUG, HAKIMA WA 98903 PROPOSED USE: Domestic Industrial [] ☐ Irrigation ☐ DeWater Municipal 🔲 (10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION Test Well TYPE OF WORK: Owner's number of well (if more than one) Other Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information. New well
Deepened
Reconditioned ~bandoned 🔲 Method: Dug Cable Rotary Bored | Driven | 10P SOIL IMENSIONS: Diameter of well GRAVE I COBOLES & SAMO GRAVE I COBOLES & CAN'S AND COBOLES & GRAVE Jetted 🔲 illed 120 feet. Depth of completed well inches. CONSTRUCTION DETAILS: sing installed: MH 6 . Diam. from + DOBLES GANGI WOOD, CAY SHOUR MIT r installed [] \_ \* Diam. from\_ SAMOSTONE GRAUE! - Diam. from\_ MH GRAVEL Parforations: Yes No mHn of perforator used \_ of perforations \_\_ \_ perforations from \_\_\_ \_\_perforations from \_\_\_\_ perforations from \_\_\_\_ ens: Yes No X acturer'a Name\_ \_\_ Slot size\_\_\_ \_\_\_\_ Slot eize\_\_ el placed from al: Yes No To what depth? ed in sea! \_\_ trata contain unusable water? Yes No of sealing strate off\_ Manufacturer's Name \_\_\_\_ ER LEVELS Land-surface elevation above mean sea level t, below top of well Date 101/-90 II. \_lbs.persquare inch Date \_ Artesian water is controlled by \_\_\_\_\_ TESTS: Drawdown is amount water level is lowered below static level ump lest made? Yes No lifyes, by whom? (Cap, valve, etc.)) 9-28-90, 19. Completed. Work started\_ 10-\_\_ ft. drawdown after \_\_ WELL CONSTRUCTOR CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best data (time taken as zero when pump turned off) (water level measured top to water level) Water Level NAME RIEBE WEIL DRIVING INC.
(PERSON, FIRM, OR CORPORATION)
(TYPE OR PRINT)
Address POBOY 10864 UAK WA. te of test\_ \_\_ gal./min. with \_\_\_ O gal./min. with stem set at \_ ... ft. drawdown after ..... (Signed) WEATZ \_\_\_ ft. for \_\_\_\_ Contractor's Registration — g.p.m. Date \_\_ 132 K/ e of water \_\_ 10-6-90 \_ Date\_\_ • 1329-(USE ADDITIONAL SHEETS IF NECESSARY)

File Original and First Copy with Department of Ecology Second Copy — Owner's Copy Third Copy — Driller's Copy

## WATER WELL REPORT

Application	No.	

Third Copy — Briller's Copy STATE OF			
(1) OWNER: Robert E. Palmer	102 Market St. Union Ga		<u>-</u>
(2) LOCATION OF WELL: County Yakima	Devoe Addition 4 Sec. 6	12 <sub>N R</sub> 1	9E <sub>w.м.</sub>
and distance from section or subdivision corner	Devoe Addition	_	
(3) PROPOSED USE: Domestic (4) Industrial [ Municipal [	(10) WELL LOG:		
(1)	Formation: Describe by color, character, size of materi	ial and street	ture and
Irrigation   Test Well   Other	show thickness of aquifers and the kind and nature of stratum penetrated, with at least one entry for each	the materio	ıl in each
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL	FROM	TO
New well 🔏 Method: Dug 🗌 Bored 🖸		1	<del></del>
Deepened ☐ Cable ☐ Driven 🗗  Reconditioned ☐ Rotary ☐ Jetted ☐	Top Soil	0	2
2	Conglomerate	2	
(5) DIMENSIONS: Diameter of well			
Drilledft. Depth of completed wellft.		<u> </u>	<del></del>
(6) CONSTRUCTION DETAILS:			
Casing installed: 2 Diam. from tt. to 20 ft.			
Threaded []ft. rom ft. to ft.		1	
Welded : " Diam. from ft. to ft.		-	
Perforations: Yes □ No □		+ +	
Type of perforator used			
SIZE of perforations in, by in,			
perforations from ft. to ft	Spanne Course		
perforations from ft. to ft.		-	
Savaons	The state of the s	<u> </u>	<del></del>
Screens: Yes   No   Manufacturer's Name	- IIIN 20 1071	+	
Type Model No	0011 20 1974	+	
Diam Slot size from ft. to ft.	OEPAL, CALL	<del>                                     </del>	
Diam Slot size from ft. to ft.	SPORT & PESIGNAL SOL	-	
Gravel packed: Yes 🗆 No 🗆 Size of gravel:			
Gravel placed from ft. to ft.			
Surface seal: Yes No D To what depth? ft.			·
Material used in seal ement Grout	1- BECEIL	'FN	
Did any strata contain unusable water? Yes [ No [	<u>                              </u>		<del></del>
Type of water? Depth of strata	1222		<del></del>
(7) PUMP: Manufacturer's Name	DEPARTMENT OF .		
Туре: 4 Н.Р	CENTRAL PECIONAL	ULUG:	
(8) WATER LEVELS: Land-surface elevation shows mean sea level	- ALGIOWAL	- PrFICE	
Static level 8 4 inches ft. below top of well Date 5/18/74	·		
Artesian pressure			
(Cap, valve, etc.)			
(9) WELL TESTS: Drawdown is amount water level is	5/18 74 5	<del>;/18  </del>	<del> 74</del>
Was a pump test made? Yes \( \begin{array}{ll} No \( \Bar{\pi} \) If yes, by whom?	Work started 19 Completed		, 19
Yield: gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:		
n n n n	This well was drilled under my jurisdiction	and this	report is
11 11 11 11	true to the best of my knowledge and belief.		
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	NAME Jensens Well Drilling &	a Drivi	ng
Time Water Level Time Water Level Time Water Level	(Person, firm, or corporation)	(Type or pi	
	Address 1603 South 10th Avenue		
	- A		
y of test	[Signed Blownes, W.,	ense	$\sim$
Bailer testgal./min, withft. drawdown afterhrs.	(Well Driller)	A CONTRACTOR	<u> </u>
Artesian flow	0218 6/¶ License No Date Date	-9	74
Temperature of water	Date		, 17
1 /21 /7 Y TOTAL T	SHEETS IF NECESSARY)		
S. F. No. 7356—OS—(Rev. 4-71).	AND		<b>3</b>
<i>'</i>			



## SOIL SAMPLING SERVICE, INC. 1415 MERIDIAN EAST, PUYALLUP, WA 98371-1399

FEDERAL ID #: 91-0762274 WA CONT. #SOIL SS\*344LO

(206) 927-3173 TELEX: 466762 FAX: (206) 927-3478

Geotechnical, Engineering & Mineral Exploration Drilling • Instrumentation • Horizontal Drains Ground Water Monitoring • Hazardous Waste Identification • Well Abandonments

#### RESOURCE PROTECTION WELL REPORT

			1
PROJECTNAME: North West Tru			2945_start card no.: <u>062464</u>
WELL IDENTIFICATION NO.:			Yakima CITY: Union Ga
DRILLING METHOD: air Rotary	<del></del>		<u>NE 1/4 NE 1/4</u>
DRILLER: Harold Miswarder			D TOWN: 120 RANGE: 19 E
11 10		DATUM:	
SIGNATURE: tarvel 1 - Surena	dr.	WATER LEVI	EL ELEVATION:
CONSULTING FIRM: SAIC  REPRESENTATIVE: Barbara Black	<u></u>		);
HEPHESENIATIVE:BCFO2F2 DIEC	Comin	DEVELOPEL	
WELL DATA	AS BUILT		FORMATION DESCRIPTION
Concrete	1/2	-	o'
3' Chips	blenk 1"26"		Sands
	5.		. +
Colorado			Gravels
Sand	) K		6140012
341101	- 010 N		
			يد.ا
	<del> </del>		15'
·			Ì
		·	·
· ·			
			DEGEN A EU
·			APR 2 6 1991
			ALL DIOOF
	Charles of A miles became the	Ath one of	2 27
	than the same of		
i	1		1

PAGE \_\_\_\_ OF. SCALE:  $1'' = _$ 

File Original and First Copy with

ECY 050-1-20

Seco Thir	artment of Ecology nd Copy — Owner's Copy d Copy — Driller's Copy STATE OF W	LL REPORT			
(1)	OWNER: Name Lucienne EASIEY	104	41196	asse	
10	TOCATION OF WELL. VAL IMA	477	14 NWV Sec B T.	12NW/	iqи\ <sub>мм</sub>
Beau	ing and distance from section or subdivision corner	<del></del>			
(3)	PROPOSED USE: Domestic I Industrial I Municipal I	(10) WELL LOG:			₽
	Irrigation   Test Well   Other	Formation: Describe by coll show thickness of aquifers stratum penetrated, with a	and the kind and nature of	f the meteri	al in each
(4)	TYPE OF WORK: Owner's number of well (if more than one)		ERIAL	FROM	то
	New well	TOP	SOIL Brown	n 0	16
	Reconditioned   Rotary   Jetted	540	& Graves	16	42
(5)	DIMENSIONS: Diameter of well inches.  Drilled ft. Depth of completed well ft.	CLAY	IT Brown	47	77
(6)	CONSTRUCTION DETAILS:				
(-)	Casing installed: 6" Diam. from 1/ ft. to 1/6 ft.  Threaded 1" Diam. from ft. to ft.  Welded 27 "Diam. from ft. to ft.	LB CLAY	Broken	76	80
	Perforations: Yes   No [2]			_	
	Type of perforator used		· · · · · · · · · · · · · · · · · · ·		<del></del>
	SIZE of perforations in. by in. perforations from ft. to ft.				
	perforations from ft. to ft.			-	
	perforations from ft. to ft.				
	Screens: Yes No Manufacturer's Name				
	Type Model No	<u> </u>		+	
	Diam. Slot size from ft. to ft.  Diam. Slot size from ft. to ft.				
	Gravel packed: Yes   No   Size of gravel:				
	Surface seal: Yes W No . To what depth? ft.				
	Surface seal: Yes No D To what depth? tt.  Material used in seal Bry in 17 c tt.	1 77			<del></del>
	Did any strata contain unusable water? Yes No Type of water? Depth of strata	1: , 7/ -	- 5 1981		
	Method of sealing strata off	: "			
(7)	PUMP: Manufacturer's Name				
	Type: H.P			<del>  </del>	
(8)	above mean sea level				
	sian pressurelbs. per square inch Date			+	
	Artesian water is controlled by(Cap. valve, etc.)			<del>                                     </del>	
(9)	WELL TESTS: Drawdown is amount water level is		£	0/2	67
	a pump test made? Yes \( \sigma \) No \( \sigma \) If yes, by whom? Alr Lift	Work started 9/29	, 19.0 /. Completed	9/30	
Yiel	d: 15 gal./min, with ft. drawdown after hrs.	WELL DRILLER'S			
<del>"</del>	n	This well was drilled true to the best of my	l under my jurisdiction knowledge and belief,	and this	report is
3	overy data (time taken as zero when pump turned off) (water level) measured from well top to water level)  Water Level   Time   Water Level   Time   Water Level	NAME Pol.	Drilling		
	me Water Level   Time Water Level   Time Water Level	(Person, i		(Type or pr	rint)
ta		Address Z	3356		••••••
1	Date of test	[Signed] Rick	Pouls.		
Baile	er testgal./min. withft. drawdown afterhrs.	[raikiten]	(Well Driller)		***************************************
	perature of water	License No. 74Z	Date	130	, 19. <b>.{</b>

## YATER WELL REPORT STATE OF WASHINGTON

Application No. .....

Permit No. ....

Capting and distance from section or subdivision confete   Proceedings of the process of the p	(1) OWNER: Name Marvin Yancey	Address Mojel W	tu	
**ROPOSED USE: Domestion of Industrial   Municipal   Iroquerial   Iro				19wm 9
Trigestion   Test Well   Other	Bearing and distance from section or subdivision corner			. F
TYPE OF WORK:   Cover's number of well   Other	POPOSED USE: Domestic W Industrial [7] Municipal [7]	(10) WELL LOG:		
A TYPE OF WORK:   Owner's number of well   Now		Formation: Describe by color, character, size of materia	l and stru	cture, and
Now well   Method Due   Despend		show thickness of aquifers and the kind and nature of t	the materi	ial in each
Description   Delta	(if more than one)	MATERIAL	FROM	TO
Solution   Diameter of well   Solution   S		Clay	۵	6
Drilled Sb. ft. Depth of completed well.   Sp. ft.				7.
Drilled Sb. ft. Depth of completed well.   Sp. ft.	(5) DIMENSIONS: Diameter of well 6 inches.	- Black Mud	6	<u> </u>
(6) CONSTRUCTION DETAILS:  Casing installed: (a Dlam. from		Soundation & Pork Paris	.7,5	50
Casing installed: O Diam. from Off. to If. Threaded Diam. from If. to If. Welded Diam. from If. to If. Welded Diam. from If. to If. Size of perforations If.    Perforations: Yes   No	(6) CONSTRUCTION DETAILS:		00	
Threaded   "Dlam from ft. to ft. Welded   "Dlam from ft. to ft. To the ft. to ft. Type of perforations: Yes   No X   Size of perforations from ft. to ft. Dlam. Slot size from ft. to ft. Dlam. Slot size from ft. to ft. Dlam. Slot size from ft. to ft. Surface seal: Yes   No X Size of grave!  Gravel packed: Yes   No X Size of grave!  Gravel pack	· · · · · · · · · · · · · · · · · · ·	Tumbo Clay	50	65
Perforations: Yes   No   No   No   No   No   No   No   N	-		7=	(2) (2)
Type of perforations in. by in. perforations from fit. to fit. plann. Slot size from fit. plann.		Sandstone layers + Walu	65	90
Type of perforations in. by in. perforations from fit. to fit. plann. Slot size from fit. plann.	Perforations: yes   No M	Sugarel + Water	an	96
perforations from fit. to ft.    perforations from fit. to ft.	Type of perforator used		10	10
perforations from ft. to ft.    Screens: yes   No   No   Manufacturer's Name   Type   Model No				
Screens: Yes   No   Manufacturer's Name   Model No   ft. to   ft.    Gravel packed: Yes   No   Size of gravel:				
Manufacturer's Name.  Type			<u> </u>	-
Manufacturer's Name.  Type	Screens: Yes   No			
Diam. Slot size from ft. to ft.  Diam. Slot size from ft. to ft.  Gravel packed: Yes from ft. to ft.  Gravel packed: Yes from ft. to ft.  Surface seal: Yes No for to what depth? 5 ft.  Material used in seal. Surface clevation.  Did any strata contain unusable water? Yes No for Type of water? Depth of strata.  Method of sealing strata off.  (7) PUMP: Manufacturer's Name.  Type: HP.  (8) WATER LEVELS: Land-surface elevation above mean sea level. Actesian pressure below to of well Date for ft. below top of well bate for ft. below top of well Date for ft. CENIRAL REGIONAL OFFICE for ft. below top of well Date for ft. CENIRAL REGIONAL OFFICE for ft. below top of well Date for ft. CENIRAL REGIONAL OFFICE for ft. below top of well pevel for ft. below top of well pevel ft. CENIRAL REGIONAL OFFICE for ft. below top of well pevel ft.	Manufacturer's Name			
Dlam.				
Surface seal: Yes No To what depth? 52 ft.  Material used in seal. Sultantia.  Did any strate contain unusable water? Yes No Type of water? Depth of strata.  Method of sealing strata off.  (7) PUMP: Manufacturer's Name.  Type: HP.  (8) WATER LEVELS: Land-surface elevation above mean sea level.  Static level ft. below top of well Date J. 2/-76  Artesian water is controlled by.  (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump test made? Yes No Yes, by whom?  """  """  """  """  """  """  """			ļ. <u> </u>	
Surface seal: Yes No To what depth? 52 ft.  Material used in seal. Sultantia.  Did any strate contain unusable water? Yes No Type of water? Depth of strata.  Method of sealing strata off.  (7) PUMP: Manufacturer's Name.  Type: HP.  (8) WATER LEVELS: Land-surface elevation above mean sea level.  Static level ft. below top of well Date J. 2/-76  Artesian water is controlled by.  (Cap, valve, etc.)  (9) WELL TESTS: Drawdown is amount water level is lowered below static level  Was a pump test made? Yes No Yes, by whom?  """  """  """  """  """  """  """	Gravel packed: ves   No W Size of gravel:			
Material used in seal.    Did any strata contain unusable water?   Yes   No   No   Type of water?.   Depth of strata	<u> </u>			
Did any strata contain unusable water? Yes   No   Type of water? Depth of strata.  Method of sealing strata off.  (7) PUMP: Manufacturer's Name.  Type: HP.  (8) WATER LEVELS: Land-surface elevation above mean sea level	· · · · · · · · · · · · · · · · · · ·			
Method of sealing strata off.  (7) PUMP: Manufacturer's Name.  Type:				
(7) PUMP: Manufacturer's Name.  Type: HP  (8) WATER LEVELS: Land-surface elevation above mean sea level	•	1—————————————————————————————————————		· ·
Type: HP.  (8) WATER LEVELS: Land-surface elevation above mean sea level	Method of sealing strata on	THE OF THE OF		
(8) WATER LEVELS: Land-surface elevation above mean sea level.  Static level	(7) PUMP: Manufacturer's Name	UCT 1 5 1976		
Static level		TO A DELICATE OF TOOLS	<del> </del>	
Artesian pressurelbs. per square inch Date	above mean sea levelft.			
Artesian water is controlled by		GENTRAL REGIONAL UFFICE		<del> </del>
Was a pump test made? Yes No If yes, by whom?  Yield: 50 gal/min. with ft. drawdown after hrs.  " Pumped with Mi" "  " " " " " "  Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level Time Water Level Time Water Level  Date of test gal/min. with ft. drawdown after hrs.  Date of test gal/min. with ft. drawdown after hrs.    Work started   27   19/6. Completed   2   1			<del>                                     </del>	<del>                                     </del>
Was a pump test made? Yes No If yes, by whom?  Yield: Signal/min. with ft. drawdown after hrs.  """""""""""""""""""""""""""""""""""	(Cap, valve, etc.)			
Was a pump test made? Yes No If yes, by whom?  Yield: So gal./min. with ft. drawdown after hrs.  " Pumps with air" "  " " " "  " " " "  Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level Time Water Level Time Water Level  Date of test gal./min. with ft. drawdown after hrs.  [Signed] Address (Well Driller)	(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 8-27 1976 Completed 8-	27	1976
" Punfied with Mt" " This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level Time Water Level Time Water Level  Date of test gal/min. with ft. drawdown after hrs.  "This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.  NAME OF THE PROPERTY OF T				
Time Water Level Time Water Level Time Water Level  Date of test  gal/min. with gal/min. with ft. drawdown after has a sero when pump turned off) (water level measured from well top to water level)  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.  NAME. Call the best of my knowledge and belief.		, .		
measured from well top to water level)  Time Water Level Time Water Level Time Water Level  Address 222 Rows Rd Staking to Signed]  Date of test  Se' test gal/min. with ft. drawdown after hrs.  NAME Call water Level (Person, firm, or corporation) (Type or print)  [Signed] Losses (Well Driller)		true to the best of my knowledge and belief.	and this	report is
Date of test	1		Type or n	nint)
Date of test		9909 PY P/	zjak	imal
test gal./min. with ft. drawdown after hrs. (Well Driller)		00 + AA -A		0
			1000	<u>K</u>
Was a sharing analysis mades Yes D. No #1 License No / 1/4 Date / 10/	an flowg.p.m. Date	•	90	7
remperature of water was a chemical analysis made, les [1] No.	remperature of water	License No.	L. Z	, 19./4

File Original and First Copy with Department of Ecology

## WATER WELL REPORT

Start	Card	No. 25601

(USE ADDITIONAL SHEETS IF NECESSARY)

•	rtment of Ecology WAIER WE	LL REPORT		
	nd Copy—Owner's Copy Copy—Driller's Copy STATE OF V	VASHINGTON No. 10 Page 14 No.		
(1)	OWNER: Name United Builders	Water Right Pormit No	969	
<del>.,</del>				
		NG 1/5E 1/2 Sec /0 1/	<u>2</u> n., r_	<u>/У_w.м.</u>
(2a)	STREET ADDDRESS OF WELL (or nearest address) REGION KATE	ENAH WAY Union GAP		
(3)	PROPOSED USE: Domestic Industrial I Municipal I	(10) WELL LOG or ABANDONMENT PROCEDU		
	DOWALD TOTAL	Formation: Describe by color, character, size of material an thickness of aquifers and the kind and nature of the material in earth with at least one entry for each change of information.		
(4)	TYPE OF WORK: Owner's number of well ?	MATERIAL	FROM	то
	Abandoned  New well Method: Dug  Bored  Deepened Cable  Driven	TOP SOIL GRAVEL M	6	4
	Reconditioned ☐ Rotary 又 Jetted ☐	SAND GRAVEL MH	4	9
(5)	DIMENSIONS: Diameter of well inches.	SILT SAND GRAUL COBBLES, Trace 14	9	28
•	Drilled 6 feet. Depth of completed well 58 ft.	SILT SAMI) GERUEL COBBIES -TARCE	38	58
·~\	Dillion Depth of Completed World			
(6)	CONSTRUCTION DETAILS:		- 1	
	Casing installed: 6 Diam. from +3 ft. to 57 ft.	42-54 6PM		·
	Welded Liner installed Line Line Line Line Line Line Line Line			
	Threaded Diam. from ft. to ft.			
	Perforations: Yes No 🔀			
	Type of perforator used			
	SIZE of perforations in. by in in ft. to ft.			
	perforations from			
	perforations from			
	Screens: Yes No X			
	Manufacturer's Name			
	Type Model No	<u>-</u>		
	Diam. Slot size from ft. to ft.			
	Diamft. toft.			
	Gravel packed: Yes No Size of gravel			
			i i	
	\L			
	Surface seal: Yes No To what depth?ft.	2001127		
	Material used in seal BENTOVITE			
	Did any strata contain unusable water? Yes No			
	Type of water?Depth of strata	MAY 1 5 1989		
	Method of sealing strata off	MAY 1 3 1903		
(7)	PUMP: Manufacturer's Name	The second second		
	Type:H.P	DEPARTMENT OF FURTHER		
(8)	WATER LEVELS: Land-surface elevation above mean sea level ft.	CENTRAL REGION OFFICE		
	Static level 8'4" ft. below top of well Date 5	See 5 10		• <u>•</u>
	Artesian pressureibs. per square inch Date		فيز بيد سدّ ، ده ه	· .
	Artesian water is controlled by(Cap, valve, etc.))		[	
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 5-4-87, 19. Completed 5	MD-89	, 19
,	Was a pump test made? Yes No 🔀 If yes, by whom?	WELL CONSTRUCTOR CERTIFICATION:		
	Yield: gal./min. with ft. drawdown after hrs.	I constructed and/or accept responsibility for cons	truction of	this wall
	11 11 11 11	and its compliance with all Washington well con-	struction s	tandards.
	"  Recovery data (time taken as zero when pump turned off) (water level measured	Materials used and the information reported above knowledge and belief.	are true to	my best
	from well top to water level)			
	Time Water Level Time Water Level Time Water Level	NAME RIGRE, WEIL DRILLING INC. (PERSON, FIRM, OR CORPORATION)		
			(TYPE OF	R PRINT)
		Address P.O. BOY 10866 VAKIMA W	4,9890	7
	Date of test	di		_
	Bailer test gal./min. with ft. drawdown after hrs.	(Signed) Steve milk License (WELL DRILLER)	No. 1334	<u> </u>
	· · · · · · · · · · · · · · · · · · ·	Contractor's		
	Airtest gal./min. with stem set at ft. for hrs.	Registration 132K1 Date 5-10	-87	10

ECY 050-1-20 (10/87) -1329-

Temperature of water \_\_\_\_\_ Was a chemical analysis made? Yes . No 🔀

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## WATER WELL REPORT

V

Application No
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STATE OF WASHINGTON

Third Copy — Driller's Copy	STATE OF W	ASHINGTON	Permit No		
(1) OWNER: Name DOM	Mittleder	Address 3405	3 nd St. Unic	N G	AP
	County JAKIMA		14 5W 14 Sec. 6 T.	2.N., R	19.w.m.
ing and distance from section or st					
(3) PROPOSED USE: Domest	tic Municipal 🗆	(10) WELL LOG:			
Irrigati	ion   Test Well   Other	show thickness of aquifers	or, character, size of materic and the kind and nature of	tne materi	ai in eacn
(4) TYPE OF WORK: Owner'	's number of well		t least one entry for each o	FROM	TO
New well	Method: Dug 🔲 Bored 🗍	Topsoil		0	3
Deepened ☐ Reconditioned ☐	Cable □ Driven □ Rotary 💢 Jetted 🔲	SMAIL GRAUE!	& lange gnaus!	3	23
(5) DIMENSIONS: Dia	ameter of well	+ OVER BURDON		22	115
	of completed well 43 ft.	4 SAND & WAT	t Jaage gaavel Er	43	
(6) CONSTRUCTION DETAI	LS:				
	iam. from			<del>   </del>	
	lam, from ft. to ft. lam, from ft. to ft.				
				<del>                                     </del>	
Perforations: Yes No	<u> </u>	l		-	
SIZE of perforations	in. by in.				
	om ft. to ft. om ft. to ft.			· · · · · ·	
	om ft. to ft.			+	<del> </del>
Screens: Yes 🗆 No 🕱				1	
Manufacturer's Name	No. Jal. No.				
Diam Slot size	Model No ft. to ft.				
Diam Slot size	from ft. to ft.		· · · · · · · · · · · · · · · · · · ·	-	
	Size of gravel:				
<del></del>	ft. to ft.				ļ
Surface seal: Yes 🕱 No 📮	To what depth?			<del> </del>	
Material used in seal	JENITONITE:			<del> </del>	ļ
Type of water?	Depth of strata				
Method of sealing strata off		3725 273 273 273 273	on production of	<u> </u>	<del></del>
(7) PUMP: Manufacturer's Name		S A S A S A S A S A S A S A S A S A S A	in the first		<del> </del>
	Н.Р		•.		
(o) WAXIII DE PED. abov	i-surface elevation e mean sea levelft.	MAY 2 5 198	8	<del> </del>	
Static level	ow top of well Date			+	<del> </del>
<del>-</del>	d by(Cap, valve, etc.)				
(0) WELL PECTS. Drawd	down is amount water level is	Contraction of		<u> </u>	<u> </u>
(5) WELL IESIS. lowers	ed below static level  If yes, by whom?	Work started 3 - 28	19.88 Completed	3-20	, 19. <b>5</b> 0
Yield: gal./min. with	ft. drawdown after hrs.	WELL DRILLER'S	STATEMENT:	क्ट क्ष्म्य हैं	and South
	n n	This well was drille	d under my jurisdiction knowledge and belief.	and this	report is
Recovery data (time taken as zero w		1 1 1	1.1 // 1	1.	
measured from well top to water I	level) ater Level   Time Water Level	NAME WATER	WElls Unil	ING (Type or p	
Table Water Devel Time We		(Person,	firm, or corporation)	(Typeor p	11111)
		Address 5503	MATANUM A	¥,•	
Tate of test		(Signary)	man Di Krink	ŗ	
Later test #2 gal/min. with	ft. drawdown afterhrs.	[Signed]	(Well Driller)		***********
Artesian flowg	g.p.m. Date	License No. 143	5 Date 3-	21	, 19.82

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## WATER WELL REPORT STATE OF WASHINGTON

Application No	R
Permit NoG 4 -	298721

17-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	400 m mi
·	Address 408 W. Pine, Union Gap, Wa.
, LOCATION OF WELL: County Yakima	_SE1/4 SE1/4 Sec.6
Bearing and distance from section or subdivision corner	
(3) PROPOSED USE: Domesti Industrial   Municipal	(10) WELL LOG:
Irrigation 💆 Test Well 🗌 Other 🔲	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL FROM TO
New well 🗶 Method: Dug 🗌 Bored 🗋	Topsoil 0 8
Deepened ☐ Cable ☐ Driven ☐ :  Reconditioned ☐ Rotary 12 Jetted ☐	Soil, silt, Lg. Gravel 8 28
	Brown clay % gravel 28 58
(5) DIMENSIONS: Diameter of well	Sand, gravel, & water 58 80
(6) CONSTRUCTION DETAILS:	
Casing installed:8 plam. from+1 ft. to76 ft.	
Threaded" Diam. fromft. toft. Welded" Diam. fromft. toft.	
Perforations: Yes   No E	
Type of perforator used	
perforations from ft. to ft.	
perforations from ft. to ft.	
perforations from ft. to ft.	
Screens: Yes 🗆 No 🗹	
Manufacturer's Name	
Diam: Slot size from ft. to ft.	
Diam Slot size from ft. to ft.	
Gravel placed from ft. to ft.	
Surface seal: Yes 1 No To what depth? 20 ft.  Material used in seal Bentonite	
Did any strata contain unusable water? Yes No	
Type of water? Depth of strata	
Method of sealing strata off	DECEMARS)
(7) PUMP: Manufacturer's Name	MEGENAEU
(0) WATED I EVELS. Land-surface elevation	1 - 1007
above mean sea levelft.	JAN 1 2 1987
Static level 1.7 ft. below top of well Date 11/15/86 Artesian pressure lbs. per square inch Date	Constitution of the Consti
Artesian water is controlled by(Cap, valve, etc.)	Transfer Table
(0) WELL TESTS. Drawdown is amount water level is	Wash started 11/12/86 19 Completed 11/15/86 19
Was a pump test made? Yes No lif yes, by whom?	work started, 19 Completed
Yield: gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:
<u>n n n n</u>	This well was drilled under my jurisdiction and this report is
0 0 0	true to the best of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level   Time Water Level   Time Water Level	NAME Vernon L. Rank (Person, firm, or corporation) (Type or print)
	Address 5503 Ahtanum Rd. Yakima, Wa. 98903
	Address // Amazona Assa / Amazona / Amazo
Date of test	Island Nosans
Bailer test 200 gal./min. with tt. drawdown after hrs.	[Signed] (Well Driller)
Artesian flowg.p.m. Date	License No. 0854 Date 11/16/86 19
Temperature of water Was a chemical analysis made? Yes ☐ No 元	License No. Date, 19

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### WATER WELL REPORT STATE OF WASHINGTON

A 1: 4:		011506		
Application	NO.			
Permit No.				

1) OWNER: Name AL FRANK	Address DAMES AM OFF P.O. 44	٥	
.) LOCATION OF WELL: County VALUEDA	- 4 5 E 14 Sec 3 / T /	3n. r	19 w.m.
earing and distance from section or subdivision corner 157.57.	- WAShingTON		
(3) PROPOSED USE: Domestic  Industrial  Municipal	(10) WELL LOG:	<del></del>	
Irrigation   Test Well V Other	Formation: Describe by color, character, size of material and structure, and show thickness of aguifers and the kind and nature of the material in each		
(4) TYPE OF WORK: Owner's number of well (if more than one)	stratum penetrated, with at least one entry for each ci	FROM	TO
New well Method: Dug Bored	<del></del>	Δ .	<del>-10</del>
Deepened Cable Driven	EMULLUAND RIVER 18024	7	
Reconditioned	Brn SANDA Gravel	<del>ر</del> ک	6
(5) DIMENSIONS: Diameter of well inches.	6/Aval	6	7
Drilled	SILT SAND & Grand	7	9
(6) CONSTRUCTION DETAILS:	to er si	q	/1
Casing installed: 6 Diam from +3 It. to 2D It.	SILTY GRALL	r i	14
Threaded Diam. from ft. to ft.	SILTERNO LOTORIL TR hater	14	72
Welded   It. to ft. to ft.	SILTY SAND RUCHT Gravel WATER	15	19
Perforations: Yes   No	JILTSAND GRAVEL More WATEN	19	20
Perforations: Yes   No   No   No   No   No   No   No   N			
SIZE of perforations in. by in.			
perforations from			
perforations from ft. to ft			
Screens: Yes A No D Annufacturer's Name PUC Hyprophilic		<u> </u>	
Type PUC Model No	·	<b></b>	
Diam. 2 Slot size - 910 from ft. to 12 ft.		·	·
Diam. 2 Slot size	· · · · · · · · · · · · · · · · · · ·		<del></del>
Gravel packed: Yes X No D Size of gravel: #8			
Gravel placed from 5 ft. to 20 ft.			
Surface seal: Yes No   To what depth? 376 \ tt.  Material used in seal Benjanile & Sament			
Did any strata contain unusable water? Yes 🗌 No 💢			
Type of water? NA Depth of strata			
Method of sealing strata off		<del>                                     </del>	
(7) PUMP: Manufacturer's Name	Production and the second account account and the second account acc	-	
Type:HP	### + 0 1000	<del> </del>	<del></del>
(8) WATER LEVELS: Land-surface elevation	APR 1-3-1988		
Static level 10.5 tt. below top of well Date 3/17/86	<u> </u>		
Artesian pressure	Directis, 199 (1) (1982-199)		
Artesian water is controlled by(Cap, valve, etc.)	CAUSTING PROPERTY AND THE CONTRACT OF THE CONT		
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	7/10/50	1,2/84	
Was a pump test made? Yes \( \text{No} \) If yes, by whom?	Work started 3/17/ TF 19 Completed 2	.1LJ	, 19
Yield: gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:		
<u> </u>	This well was drilled under my jurisdiction		
" / h- " " "	true to the best of my knowledge and belfer.	ng chili	Con Rich
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level   Time Water Level   Time Water Level	NAME PIEBE WEI ON INC 1 (Person, firm, or corporation)	A√C Cype or pr	≖m क्रिकी <sup>2</sup> rint)
	Address P.O. BOX :0866 YAKIMA	9890	9-186
Date of test gal/min, with ft. drawdown afterhrs.	[Signed] (Well Driller)	<u> </u>	
Artesian flow g.p.m. Date	License No. O. 4.72 Date 3/	18/88	<sub>10</sub>
Temperature of water Was a chemical analysis made? Yes [] No	License No	v.1YU.	, 19

**WATER WELL REPORT** 

Water Right Parmit No.

1851		
Start Card No	25607	
2		_
1.3t \		

_	OWNER: Name LOINGVIEW FIBER.	Address LONGFIBER RD-POBY 9069, U	Ar 95
-	/ / .		
<b>,_</b> }	LOCATION OF WELL: County JAKIMA	4 SE % sec 31 r 13 N., R 19	_W.M.
(2a)	STREET ADDDRESS OF WELL (or nearest address)		<del></del>
(3)	PROPOSED USE: ☐ Domestic ☐ Irrigation ☐ DeWater Test Well 💢 Other ☐	(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIP	
(4)	TYPE OF WORK: Owner's number of well 3	thickness of aquifers and the kind and nature of the material in each stratum pene with at least one entry for each change of information.	
٠.,		MATERIAL FROM TO	0
	Deepened ☐ Cable ☐ Driven ☐	SILTY SOIL 0 5	
	Reconditioned □ Rotary X Jetted □	GRAVEL CABBLES SAND 5 10	)
(5)	DIMENSIONS: Diameter of well inches.		
	Drilled 10 feet. Depth of completed well 10 ft.		
(6)	CONSTRUCTION DETAILS:		
	Casing installed: 6 Diam. from +2 ft. to -4 ft.		
	Welded Liner installed Threaded Diam. from th. to th.		
	Perforations: Yes No		
	Type of perforator used		<del></del>
	SIZE of perforations in. by in.		
	perforations fromft. toft.		
	perforations fromft. toft.		
	perforations fromft. toft. Screens: Yes \( \subseteq \) No \( \subseteq \)		
	Screens: Yes X No Manufacturer's Name TRI COCK		
	Type Model No		
	Diam. Slot size from ft. to ft.		``
	Diam. 2 Slot size 20 from 5 ft. to 10 ft.		
	Gravel packed: Yes No Size of gravel 10-30 Coloraux		
	Gravel placed from 4 tt. to 10 ft.	· · · · · · · · · · · · · · · · · · ·	
	Surface seal: Yes No To what depth? 4 ft.  Material used in seal BENTONITE CEMENT TO SUPFACE		
	Did any strata contain unusable water? Yes No	[2 C) [3 N N7 (P P 2)	<del></del>
	Type of water?Depth of strata		
	Method of sealing strata off	1   angles valvous	
(7)	PUMP: Manufacturer's Name	4 7 6 7 7 7	
	Туре: Н.Р		
(8)	WATER LEVELS: Land-surface elevation above mean sea levelft.	The second secon	
	Static levelft. below top of well Date <u>5-10-89</u>	CENTRAL REGION OFFICE	
	Artesian pressure lbs. per square inch Date		
	Artesian water is controlled by(Cap, valve, etc.))	Work started 5-10-89 , 19. Completed 5-10-89 , 1	9
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level.  Was a pump test made? Yes No 16 yes, by whom?	Total dianed St. 12 17 17 18. Collipseled St. 12 17 17 17	<del></del>
	Was a pump test made? Yes ☐ No ☐ If yes, by whom?       Yield:	WELL CONSTRUCTOR CERTIFICATION:	
	11 D D D	I constructed and/or accept responsibility for construction of this and its compliance with all Washington well construction stand	
		Materials used and the information reported above are true to my knowledge and belief.	
	Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level) Time Water Level Time Water Level Time Water Level	NAME RIEBE WELLDRILLING LAR.	
		(PERSON, FIRM, OR CORPORATION) (TYPE OR PRIN	NT)
		Address POBOX 10866 LAKINIA WA.	
_	Date of test	[J D ]	
		(Signed) the License No. 0422	
	Bailer test gal./min. with ft. drawdown after hrs.         Airtest gal./min. with stem set at ft. for hrs.	Contractor's (WELL DHILLER)	
	Arrestan flow gai./ min. with stem set at n. for nrs.  Artesian flow g.p.m. Date	Registration 132KI Date 5-10-89	<b>}</b>
	Temperature of water Was a chemical analysis made? Yes No Z	/USE ADDITIONAL CUITETO IT AIGCESSAS'	
	,	(USE ADDITIONAL SHEETS IF NECESSARY)	

(USE ADDITIONAL SHEETS IF NECESSARY)

Start	Card	No	 2	<u>5</u>	6	0

		Water Aight Parent No.
	OWNER: Name LONGUIEW FIBER	Address POBOX 9069 YAKIMA WA. 98909
1	LOCATION OF WELL: County LAKIMA	".SE % Sec 31 T /3 N R 19 WM
、-, (2a)	lant Elas	
(3)	PROPOSED USE: Domestic Industrial Municipal Municipal	(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
(4)	☐ DeWater Test Well ☑ Other ☐  TYPE OF WORK: (if more then one)	Formation: Describe by color, character, size of material and structure, and show thickness of aquiters and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.
,	(II IIIOTA (IIZII OIIA)	MATERIAL FROM TO
	Abandoned New well Method: Dug Sored Method: Dug Depend Driven Reconditioned Reconditioned Dug Driven Driven Depend Reconditioned Dug Driven Driven Dependence Dug Driven Driven Dependence Dug Driven Driven Driven Dependence Dug Driven Driven Driven Dug Driven Driven Driven Dug Driven Driv	COBRLES, SANDY SILT 10.6"
(5)	DIMENSIONS: Diameter of wellinches.	
	Drilled 10'6" feet. Depth of completed well 10'6" ft.	
(6)	CONSTRUCTION DETAILS:	
	Casing installed: 6 · Diam. from $+2$ ft. to $+4$ ft.	
	Welded Liner installed Threaded Wi 2 Diam. from ft. to ft.	
	Perforations: Yes No 🔀	
	Type of perforator used	
	SIZE of perforations in. by in.	
	perforations from ft. to ft.	
	perforations fromft. toft.	
	perforations fromft. toft.	
	Screens: Yes No	
	Manufacturer's Name TRILCLE	
	Type PUC Model No.	
	Diam. Slot size from ft. to ft.	
	Gravel placed from A to 10	
	Gravel placed from 4 ft. to 10 ft.	
	Surface seal: Yes No To what depth?ft.	
	Material used in seal BENTONTE 3'-4' CGMENT TO SURFICE	
	Did any strata contain unusable water? Yes No	
	Type of water?Depth of strata	
	Method of sealing strata off	
(7)	PUMP: Manufacturer's Name	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Туре:	
(8)	WATER LEVELS: Land-surface elevation above mean sea levelft.	DEPART.
	Static levelft. below top of well Date 5.10-89	CÉMPAL MOIN
	Artesian pressurelbs. per square inch Date	
	Artesian water is controlled by(Cap, valve, etc.))	Work started 5-10-89 19. Completed 5-10-89 19
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 3-70-8-7 , 19. Completed 3-70-8-7 , 19.
	Was a pump test made? Yes No X If yes, by whom?	WELL CONSTRUCTOR CERTIFICATION:
	Yield: gal./min. with ft. drawdown after hrs.	I constructed and/or accept responsibility for construction of this well,
	n . n . n	and its compliance with all Washington well construction standards.  Materials used and the information reported above are true to my best
	Recovery data (time taken as zero when pump turned off) (water level measured	knowledge and belief.
	from well top to water level) Time Water Level Time Water Level Time Water Level	PIERE LIEIL NOULLY 1010
		NAME KIEBE WEIL DRILLING INC. (PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
		Address POBOX 10866 LAKIMA WA 98909
_	Date of test	
	Bailer test gal./min. with ft. drawdown after hrs.	(Signed) License No. 0422
	Airtest gal./min. with stem set at ft. for hrs.	Contractor's
	Artesian flow gal./ mill. with stell set at ft. for ft. for ft.	Registration /32K/ Date 5-10-89 19
	Temperature of water Was a chemical analysis made? Yes No X	(USE ADDITIONAL SHEETS IE NECESSARY)
	,	I I I I I I I I I I I I I I I I I I I

File Original and First Copy with Department of Ecology

	ond Copy—Owner's Copy Copy—Driller's Copy STATE OF	WASHINGTON Water Sight Porfili No.
	OWNER: Name LONGUIEW FIBER	
,_j	LOCATION OF WELL: County Y-AKIMA	<u> </u>
(2a)	STREET ADDDRESS OF WELL (or nearest address) LONG FIBER	KOAD
(3)	PROPOSED USE: ☐ Domestic   Industrial ☐   Municipal ☐	(10) WELL LOG or ABANDONMENT PROCEDURE DESCRIPTION
(4)	TYPE OF WORK: Owner's number of well	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of information.
٠٠,	Abandoned New well Method: Dug Bored M	MATERIAL FROM TO
	Deepened Cable Driven Reconditioned Rotary Jetted	BIACK SOIL EWATER 0 10.6'
(5)	DIMENSIONS: Diameter of wellinches.  Drilled	
(6)	CONSTRUCTION DETAILS:	-
(6)	Casing installed: Diam. from 72 ft. to 9 ft.  Welded Diam. from ft. to ft.  Liner installed Diam. from 1/2 ft. to ft.  Diam. from 1/4 ft. to ft.	
	Perforations: Yes No 🔀	· · · · · · · · · · · · · · · · · · ·
•	Type of perforator used	
	perforations from ft. to ft.	
	perforations fromft. toft.	
	perforations fromft. toft.	
	Screens: Yes No	
	Manufacturer's Name TRILOCK .	
	Type	
	Diam. Slot size from th. to th.	
	Gravel packed: Yes No Size of gravel 10-20 Colocano	
	Gravel placed from 4 ft. to /O ft.	
	Surface seal: Yes No To what depth?ft.	1
	Material used in seal BENTONIC 3'-4'-CEMENT TO SUEFACE	<b> </b>
	Did any strata contain unusable water? Yes No	7 1 7 10 10 11 11 15
	Type of water?Depth of strata	
	Method of sealing strata off	
(7)	PUMP: Manufacturer's Name	
	Type:H.P	
(8)	WATER LEVELS: Land-surface elevation above mean sea levelft.	Section 1 and 1 an
•	Static levelft. below top of well Date\$-10 -\$9	
	Artesian pressurelbs, per square inch Date  Artesian water is controlled by	
	(Cap, valve, etc.))	Work started 5-/0-89 , 19. Completed 5-/D -89 , 19
(9)	WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? Yes No If yes, by whom?	
	Yield: gal./min. with ft. drawdown after hrs.	WELL CONSTRUCTOR CERTIFICATION:  I constructed and/or accept responsibility for construction of this well,
	n n n	and its compliance with all Washington well construction standards.
	" " Recovery data (time taken as zero when pump turned off) (water level measured	Materials used and the information reported above are true to my best knowledge and belief.
	from well top to water level) Time Water Level Time Water Level Time Water Level	NAME RIEBE WELL DRILLING INC.
		(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)
		Address TO BOX 10866 LAKIMA WAS, 4870
	Date of test	- Man
	Bailer test gal./min. with ft. drawdown after hrs.	(Signed) License No. C423
	Airtest gal./min. with stem set at ft. for hrs.	Contractor's Registration 127 +1 501/1-29
	Artesian flow g.p.m. Date	No. /5 / Date
	Temperature of water Was a chemical analysis made? Yes No 📈	(USE ADDITIONAL SHEETS IF NECESSARY)

### WATER WELL REPORT

	Permit No
Lune	
المهمر	Application No. 011506

1) OWNER: Name AL FRANK	Address DAMES + MOORE P.O.	# SA 440	5.
(-) LOCATION OF WELL: County LAKIMA			<u> —</u> м.
aring and distance from section or subdivision corner			
(3) PROPOSED USE: Domestic  Industrial  Municipal	(10) WELL LOG:		_
Irrigation   Test Well 20 Other	Formation: Describe by color, character, size of materic show thickness of aquifers and the kind and nature of	the material in eac	ch
(4) TYPE OF WORK: Owner's number of well (if more than one)	stratum penetrated, with at least one entry for each c	FROM TO	n. =
New well 💹 Method: Dug 🗌 Bored 🗌	<del></del>	0 /	<b>→</b>
Deepened ☐ Cable ☐ Driven ☐  Reconditioned ☐ Rotary 27 Jetted ☐	SANDY CIPYSON GRAVEL	1 2	-
	COBRIES GRAVEI SAND	15	
(5) DIMENSIONS: Diameter of well inches.	SAND GRAVEL	57	
Drilled 20 ft. Depth of completed well 206 tt.	GRAVEL LITTLE SAND	79	
(6) CONSTRUCTION DETAILS:	GRAVEL SAND SIFT	9/11	
Casing installed: 6" Diam. from + 3, It. to 2.0 It.	GRAVEL SANG PACK SIT	1114	·
Threaded Diam. Tom	SIIT SAND GRAVEI	14 3	61
Welded [X' ft. to ft. to ft.	SILTY GRAVE/ COBBIES	1541/8	
Perforations: Yes No K	CRAVEL SAND SIIT	18 19	T., ,,
Type of perforator used	GRAVEL SAND	19'6' 20'	الها <u>!</u> ال
SIZE of perforations in. by in.	GRAVEL SANG	20'	<u>بي</u>
perforations from ft. to ft			_
perforations from			_
			_
Screens: Yes No []  Manufacturer's Name HyDRophilic			_
Type VC Model No		<del>                                     </del>	_
Diam. Slot size. O. C. from ft. to f. ft. to f.		<del> </del>	
Diam			_
Gravel packed: Yes No D Size of gravel:#			-
Gravel placed from 5 ft. to 20 ft.			
Surface seal: Yes No D To what depth? ft.			
Material used in seal BENTON ITE + Cement			
Did any strata contain unusable water? Yes No Y			
Type of water?			_
			_
(7) PUMP: Manufacturer's Name.	****		
Type:HP	3 1988	· ·	_
(8) WATER LEVELS: Land-surface elevation above mean sea level	14		-
Static levelft. below top of well Date 3/1.8.8	DEPERTMENT OF LOWER		_
Artesian pressure	CENTRAL PEGICO 15 MA		_
Artesian water is controlled by (Cap, valve, etc.)		<del>                                     </del>	_
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	2/10 000	2/100	<b>X</b>
Was a pump test made? Yes No If yes, by whom?	Work started 3/1.8., 19.8. Completed	<u> </u>	<u>0</u>
Yield: gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:	के सुरक्षा है। इ. हिन्ह हैं।	
<u>" "                                  </u>	This well was drilled under my jurisdiction		is
" "//// " " " " " " " " " " " " " " " "	true to the best of my knowledge and belief.		
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	NAME KIEBO WELL DRILLING	TWC	
Time Water Level Time Water Level Time Water Level		Type or print)	•
	Address P. C. BOX 10866, VAKIM	A 98909-18	طاطاة
	Audiess. L. L. L. A. K. L.		~
Date of test	[Signed] Ach H. Richo		
ailer test gal/min. with ft. drawdown after hrs.	(Well Driller)	i /	•••
Artesian flowg.p.m. Date	License No. 0427 Date 3/	18 10 8	~g/
Temperature of water	Date	10	•••

### WATER WELL REPORT

STATE OF WASHINGTON

Application	NO011506
	and the second s

**◆◆** 3

OF WASHINGTON Permit

(1)	DO 40 == 40 DO #50 (11/4)
	Address DAMES + MOORE POFSA440
() LOCATION OF WELL: County YAKIMA	
'earing and distance from section or subdivision corner	
(3) PROPOSED USE: Domestic [ Industrial [ Municipal [	(10) WELL LOG:
(6) 110010022 0521	
Irrigation   Test Well Other	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
(4) TYPE OF WORK: Owner's number of well	
New well Method: Dug Bored	MATERIAL FROM TO
Deepened	100 3011
Reconditioned   Rotary   Jetted	CARVEL SAND KINER KOCK 1 2
(5) DIMENSIONS: Diameter of well inches.	SAND CIAY GRAVET (DRV) 2 7
Drilled 20 ft. Depth of completed well ft.	GRAVEL SAND (BIK) 46
Diffied SALE Depth of completed well	SIIT SAND GRAVEI 69
(6) CONSTRUCTION DETAILS:	SILT SAND GRAVEI 9 15
Casing installed: "Diam. from #3 tt. to 20 ft.	(3KAVE) 15 19
Threaded \( \)	GRAVEI SAND BUILDER 19 20'S
Welded   "" Diam. from ft. to ft. to ft.	
Perforations: Yes   No	1
Type of perforator used	
perforations from	
perforations from ft. to ft.	
perforations from ft. to ft.	
Carange	
Screens: Yes No D Hy DROPHILIC	
Type VC Model No Model No	
Diam. Slot size/0/0. from 7 ft. to 17 ft.	
Diam Slot size from	
Consideration of the second of	
Gravel placed from Size of gravel: ft. to ft.	
Gravei placed from	
Surface seal: Yes No   To what depth? ft.	
Material used in seal BENTONITE & CEMENT	
Did any strata contain unusable water? Yes Nov	l
Type of water? N. A. Depth of strata.	And the second of the second o
Method of sealing strata off	The second of th
(7) PUMP: Manufacturer's Name	
Туре: Н.Р	(DD 10:000 1111
(0) WATER I EVELS. Land-surface elevation	APR 1 3 1988 1971
(0) WALLEL LIE VILLO. above mean sea level	notific ingrisery page 12 - 12 - 12 - 12 - 12 - 12 - 12 - 12
Static level & 6 ft. below top of well Date 3/12/88	0.000 0.000
Artesian pressurelbs. per square inch Date	CHARLES CONTROL OF THE
(Cap, valve, etc.)	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	7/2 76
lowered below static level	Work started 3 / 17 19 8 8. Completed 3 / 17 19 8 8
Was a pump test made? Yes No If yes, by whom?  Yield: gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT
" All A."	This well was drilled under my jurisdiction and this report is
	true to the best of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level	
measured from well top to water level)	NAME KIEBE WELL DRILLING IN
Time Water Level Time Water Level Time Water Level	(Person, firm, or corporation) (Type or print)
	Address P. D. Box 10866 YAKIMA 98909
	Address/ LL XVX /LOGQ A AM IIII
	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Date of testgal./min. withft. drawdown afterhrs.	[Signed] (Well Driller)
Artesian flow g.p.m. Date	1 2/10/ 00
Temperature of water Was a chemical analysis made? Yes No.	License No. Date D/ 19.0 0

Plane fill in Roed X5 I Lond in

File Original and First Copy with Department of Ecology Second Copy — Owner's Copy Third Copy — Driller's Copy

#### WATER WELL REPORT

STATE OF WASHINGTON

Permit No. ....

(3) PROPOSED USE: Domestic  Industrial  Municipal  (10) WELL LOG:    Irrigation  Test Well  Other	and structhe material ange of for FROM R. 8	ture, and
(3) PROPOSED USE: Domestic  Industrial  Municipal  Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character.  (4) TYPE OF WORK: Owner's number of well	and structhe material ange of for FROM 0 R) 8 45 R	TO 8
Irrigation   Test Well   Other   Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each character.  TOP SOIL  SAND, GRAVEL & BOULDERS (WATE CEMENTED GRAVEL & BOULDERS DECOMPOSED ROCK SMALL AMT WT) SAND, GRAVEL & BOULDERS WATE SAND, GRAVEL & BOULDERS WATE	he material hange of fo FROM 0 R) 8 45 R	TO 8
(4) TYPE OF WORK: Owner's number of well (if more than one)	he material hange of fo FROM 0 R) 8 45 R	TO 8
New well	0 R) 8 45 R	
BANDONDED Deepened Cable Driven SAND, GRAVEL & BOULDERS (WATE)  (5) DIMENSIONS: Diameter of well 6 inches. Drilled 1.30 ft. Depth of completed well 1.30 ft. SAND, GRAVEL & BOULDERS DECOMPOSED ROCK SMALL AMT WITH SAND, GRAVEL & BOULDERS SAND, GRAVEL & BOULDERS SAND, GRAVEL & BOULDERS & WATE	R) 8 45 R ER	8 45 110
(5) DIMENSIONS:  Diameter of well 6 inches.  Depth of completed well 130 ft.  Depth of completed well 130 ft.  Depth of completed well 130 ft.  CEMENTED GRAVEL & BOULDERS  DECOMPOSED ROCK SMALL AMT WITH SAND, GRAVEL & BOULDERS & WAT	45 R ER	45 110
(5) DIMENSIONS: Diameter of well 6 inches.  Depth of completed well 130 ft. SAND, GRAVEL & BOULDERS & WAT.	R ER	
Drilled 1.30 ft. Depth of completed well 1.30 SAND, GRAVEL & BOULDERS & WAT	ER	
	i	
		1.30
Casing installed: rom +1 ft. to 1.20 ft.		
Casing instance: Diam. from the to part it. to part it.		
Welded		
Postoretions:		<del></del>
Perforations: Yes   No		
SIZE of perforations in. by in.		
perforations from		
perforations from ft. to ft ft. to ft		
Screens: Yes No DA Manufacturer's Name.		
Type		
Diam Slot size from ft. to ft.		
Diam Slot size from ft. to ft.		<del></del>
Gravel packed: Yes No D Size of gravel:		<del></del>
Gravel placed from ft. to ft.		
NATURAL Surface seal: Yes No D To what depth? 30 ft. Material used in seal BENTONITE & CEMENT.		
Did any strata contain unusable water? Yes D No D  Type of water? POLLUTED Depth of strata 30-45		
Method of sealing strata off. SEATED & CASED		
(7) PUMP: Manufacturer's Name Red Jacket		
SP4-IO Type: Grundlos Submersible HP I	· · · · · ·	
(8) WATER LEVELS: Land-surface elevation above mean sea level 1030 ft		
(8) WATER LEVELS: Static level 1.5 Stati		
Artesian pressure		
Artesian water is controlled by(Cap, valve, etc.)		
(0) WELL TESTS. Drawdown is amount water level is	<u> </u>	
Work started1.4./83, 19 Completed1./	18/83	, 19
Was a pump test made? Yes \( \) No \( \) If yes, by whom?		
This well was drilled under my jurisdiction a	and this r	report is
" true to the best of my knowledge and belief.		0,000
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level   Time Water Level   Time Water Level   NAME.RIEBEWELLDRILLING(TA. (Person. firm, or corporation)	YLOR	&TAT
1503 E. NOB HILL BLVD.YAKIM	H,WA.	7870
1100000		
Date of test		
Bailer testgal./min. withft. drawdown afterhrs.	0.0	
Artesian flow	<i>ر</i> ه	., 19

WELL IDENTIFICATION NO. B  DRILLING METHOD: H  DRILLER: Scott  FIRM: Cascade Drilling,  SIGNATURE: SCOTT  CONSULTING FIRM: HYORD  REPRESENTATIVE: BHAR	Inc.  (wege  ENVIRON.	LOCATION: NEW SOC 31 TWN 3N R 19E STREET ADDRESS OF WELL: 19 W. WASHINGTON AVE  WATER LEVEL ELEVATION: N/A  GROUND SURFACE ELEVATION: N/A  INSTALLED: 1-14-93  DEVELOPED:
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	BACKFILL Bent. Chip  DEPTH OF BORING 12	Silty gravels + cobbles, light brown  - ft.
JCALE: 1" =	DACE OF	

PAGE \_\_\_\_OF \_\_\_

### RESOURCE PROTECTION WELL REPORT

WELL IDENTIFICATION NO. B DRILLING METHOD: H DRILLER: Scott FIRM: Cascade Drilling, SIGNATURE: STATE CONSULTING FIRM: HYDRO REPRESENTATIVE: BRIAN	Inc. WATER GROUN  ENVIRON. INSTAL	START CARD NO. 208508  Y. AKIMA  JONNER SW 14 Soc 31 TWN 3N R 19E  TADDRESS OF WELL: 19 W. WASHINGTON AVE  LEVEL ELEVATION: N/A  JO SURFACE ELEVATION: N/A  LED: 1-14-93  DPED:
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	CONCRETE SURFACE SEAL  BACKFILL BONT.  Chip  DEPTH OF BORING 12' "	FORMATION DESCRIPTION  O - 12'ft.  Silty gravels  + cobbles, light  brown  - ft.
	·	

PAGE \_\_\_\_\_\_ OF \_\_\_

RES	SOURCE PROTECTION W	ELL REPORT
F JECTNAME: Ya Kima WELL IDENTIFICATION NO. BO		START CARD NO. 208508
DRILLING METHOD: H 5  DRILLER: SCOTT		N:NEA SWA SOC31 TWN3N R19E ADDRESS OF WELL: 19 W. WASHINGTON AV
FIRM: Cascade Drilling, Ir	nc. WATER I	EVEL ELEVATION:N/A
CONSULTING FIRM: #4000	GROUND GROUND	SURFACE ELEVATION: N/A
REPRESENTATIVE: BELAN	GWINN DEVELOP	D: <u>/-/4-93</u>
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
1 1000000000000000000000000000000000000		
	CONCRETE SURFACE SEAL	0 - 12 ft.
		Silty gravels
		0 - 12'ft. Silty gravels + cobbles, light +
	BACKFILL Bent.	brown
	_ Chip	ft.
·	CITIO	
		ft.
		<del>'</del>
		I t
-		! 
		·
_		1
	·	<u></u>
	10	1
<del></del>	_ DEPTH OF BORING 12' "	<u> </u>

50V 474 ...

PAGE \_\_\_\_\_OF\_

RES  ROJECT NAME: Ya K, ma  WELL IDENTIFICATION NO. BO  DRILLING METHOD: H S  DRILLER: Scott  FIRM: Cascade Drilling, In  SIGNATURE: SCONSULTING FIRM: HYDRO  REPRESENTATIVE: BRIAN	Ryder Range Ryder Range PANCE. Megre ENVIRON.	START CARD NO. 208508 COUNTY: AKIMA LOCATION: NEA SW 14 Soc 31 TWN 3N R 19E STREET ADDRESS OF WELL: 19 W. WASHINGTON AV WATER LEVEL ELEVATION: N/A GROUND SURFACE ELEVATION: N/A INSTALLED: 1-14-93 DEVELOPED:
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
	CONCRETE SURFACE S  BACKFILL BONT.  Chip	0 12' 0
	depth of boring <u>1</u> 2	

SCALE: 1" = \_\_\_\_

PAGE \_\_\_\_OF \_\_\_

### RESOURCE PROTECTION WELL REPORT

IECTNAME: Yakima	Pudas Part	START CARD NO. 208508
WELL IDENTIFICATION NO. BO	THING COL	UNTY: JAKIMA
DRILLING METHOD: H 5	A STE	SATIONNEW SW 14 SOC31 TWOISN R 19E RETADDRESS OF WELL: 19 W. WASHINGTON AVE
DRILLER: Scott		
FIRM: Cascade Drilling, I	**************************************	TER LEVEL ELEVATION: N/A
SIGNATURE: SOME KE CONSULTING FIRM: HYDRO	/ . 1	DUND SURFACE ELEVATION: N/A
REPRESENTATIVE: BELAN		TALLED:/-/4-93 /ELOPED:
	DEV	ELOPEO:
AS-BUILT	WELL DATA	FORMATION DESCRIPTION
1		Ţ
1 1000000000000000000000000000000000000	CONCENTRAL 01111	o - 12'ft. Silty gravels + cobbles, light +
	CONCRETE SURFACE SEAI	0 2 /20 11.
		Silty gravels
	·	+ cobbles, light +
		brown
!	BACKFILL Bent.	
	Chip	ft.
!		
1		<u>,</u>
		ft.
		T
	·	
		i i
	•	1
		· ·
	•	· · · · · ·
		1
		1
<u> </u>	$\perp$ depth of boring $\cancel{\mathcal{U}}$ '	_"
		T AND

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OF\_

## WATER WELL REPORT STATE OF WASHINGTON

Application	No.	
		مسهد
Permit No.		,#

OWNER: Name Broadmoor Mobile Home Par	k 55 W Washington Ave	<i>j</i>	
.) LOCATION OF WELL: County kima  Bearing and distance from section or subdivision corner Next to	U.S. Post Office	5N., R	1.9W.M.
(3) PROPOSED USE: Domestic   Industrial   Municipal	(10) WELL LOG:		
Irrigation X Test Well   Other	Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each ch	and struc he materic lange of f	cture, and in each formation.
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL	FROM	то
New well Method: Dug Bored	Ran tools in to hole, hole wa	as 80	ft
Deepened [7] Cable [8] Driven [1]  Reconditioned [7] Rotary [7] Jetted [1]	Tried to drill on but hole we		ving.
	Sandstone gry S	80	85
(5) DIMENSIONS: Diameter of well inches.	Sandstone, gravel, boulders	85	90
Drilled 50 ft. Depth of completed well ft.	caving back to 80 ft.		
(6) CONSTRUCTION DETAILS:			
Casing installed: 7 " Diam. from 6t. to 85 ft.	Well fluctuates from 100 to	125 g	pm
Threaded []	Figure 90 to 100 gpm.		
Welded 11			
Douboutions	Set 90'8" of 7inch pipe and		Lot
Perforations: Yes   No To	screen. Drilled and sand put	nped 80	role.
SIZE of perforations in. by in.	Sand gravel and boulders Boulders and round cobbles	-0U	
perforations from ft. to ft.	and silt brn	83	8.4
perforations from	791		04
perforations from ft. to ft.	Bottom of 7 inch pipe at 641	40#1	-
Screens: Yes No D 110 7	5 ft of 35 slot screen 39' %	7(1	
Manufacturer's Name UOP Johnson		<i>'</i>	
Type S/S to be SCODE SIZE Model No			·
Diam. Slot size from ft. to ft.			
Gravel packed: Yes   No   Size of gravel:		<u> </u>	<u></u>
Gravel placed from ft. to ft.			
Surface seal: Yes No   To what depth? 18 tt.			<del></del>
Material used in seal		, .	
Did any strata contain unusable water? Yes No		<del>  </del>	
Method of sealing strata off Seal already there		  :	
	1 0 0 0 0 0		
(7) PUMP: Manufacturer's Name			
Type:		·	
(8) WATER LEVELS: Land-surface elevation above mean sea levelft.			
Static levelft. below top of well Date			
Artesian pressure			
Artesian water is controlled by(Cap, valve, etc.)		ļ	
(0) WELL TESTS. Drawdown is amount water level is	Work started 7/10/85 19 Completed 7/	115/01	<u> </u>
(3) WELL IESIS. lowered below static level	Work started	15/85	, 19
Was a pump test made? Yes No I If yes, by whom?  Yield: / 50 gal./min. with 27 ft. drawdown after / hrs.	WELL DRILLER'S STATEMENT:		
" ACILLAND"	This well was drilled under my jurisdiction	and this	report is
n n n	true to the best of my knowledge and belief.		-
Recovery data (time taken as zero when pump turned off) (water level	DIEDE METT DETITIO		
measured from well top to water level)  Time Water Level   Time Water Level   Time Water Level	NAME. RIEBE WELL DRILLING (Person, firm, or corporation) (7	Type or p	 rint)
	1503 E. Nob Hill Blvd.		,
	Address.		
Date of test	[Signed] (Well Driller)		
Bailer testgal./min. withft. drawdown afterhrs.	(Well Driller)		
Artesian flowg.p.m. Date	License No 0422 Date 7/16	5/85	, 19
	<b>'</b> I		

### WATER WELL REPORT

Application No.

Third Copy — Driller's Copy  ST	ATE OF W	ASHINGTON	Permit No		
1) OWNER: Name But Winty	-	Address 2016 doil 2 ch	. Grhism.	i li ra	k.
LOCATION OF WELL: County was					
Bearing and distance from section or subdivision corner			•		
(3) PROPOSED USE: Domestic X Industrial [] M	Iunicipal []	(10) WELL LOG:			M
Irrigation   Test Well   O	other	Formation: Describe by color, char show thickness of aquifers and the	icter, size of materia kind and nature of i	l and stru he mater	cture, and al in each
(4) TYPE OF WORK: Owner's number of well (if more than one)		stratum penetrated, with at least of MATERIAL	me entry for each c	FROM	formation.
New well Method: Dug	Bored [	Tax Suil -	Dark Down	0	6'6"
Deepened 🗍 Cable 🗍 Reconditioned 🗍 Rotary 🗍	Driven ▼ Jetted □	Complements - Don't	previon	6'6"	2816"
(5) DIMENSIONS: Diameter of well 2	inches		um Welli,		
(5) DIMENSIONS: Diameter of well	3 6 ft.		<del></del>	<del> </del>	
(6) CONSTRUCTION DETAILS:	<del></del>				
Casing installed: "Diam. from	28' 6"				
Threaded Diam. from		·	<del></del>		
Welded ""Diam. from ft. to	ft.	41	·	<del> </del>	
Perforations: Yes 🗆 No 🕱					
Type of perforator used		- C			
SIZE of perforations in. by ft. to ft. to			<del></del>	ļ	<u> </u>
perforations from			7211	113	
perforations from ft. to		N	76	1011	
Screens: Yes No No No Manufacturer's Name		11 3	WELL		
Type Model No		3			5
Diam.         Slot size         from         ft. to           Diam.         Slot size         from         ft. to				<del></del>	
······································		50,3 × pro,			
Gravel placed from ft. to ft. to					
Surface seal: Yes No To what depth?	<u>0</u> ft.				<del></del>
Did any strata contain unusable water? Yes				8/7n/	
Type of water? Depth of strata  Method of sealing strata off			/////	730	Simi
		<del>/</del>	UN +	) /Q	7////
(7) PUMP: Manufacturer's Name			CEAR		
	120	1	TAL BY		
(8) WATER LEVELS: Land-surface elevation above mean sea level. Static level	-17.82	V		, og	
Artesian pressurelbs. per square inch Date			i		-4
Artesian water is controlled by(Cap, valve, o	etc.)				
(9) WELL TESTS: Drawdown is amount water level below static level	vel is	5 17 3	2-	17	03
lowered below static level Was a pump test made? Yes □ No M If yes, by whom?		Work started 5-17 19.5		<u>1/</u>	, 19.0
Yield: O gal./min. with ft. drawdown after	hrs.	WELL DRILLER'S STAT			
"With peter permy."	.,	This well was drilled under true to the best of my knowledge.	r my jurisdiction and belief.	and this	report is
Recovery data (time taken as zero when pump turned off) (	water level		1 Day Lasa	d. no	I I ALC
measured from well top to water level)  Time Water Level   Time Water	ater Level	NAME JENSENS WEL (Person, firm, or	corporation) (	TUK!	rint)
		Address 103 8010 20	is Aftificant	1 100	U, Y870
		1 / R	1	', V	7
Date of testgal/min. withft. drawdown after	hrs.	[Signed] Chuz D,	(Well Driller)	بمجد	
Artesian flowg.p.m. Date		0710		9	27
Temperature of water 2.2. Was a chemical analysis made? Ye	es 🗆 No 🎘	License No	Date. 6	<i> </i>	, 19.2.A

Depar	Driginal and First Copy with rtment of Ecology d Copy — Owner's Copy l Copy — Driller's Copy		LL REPORT	Application Permit No.		
(1)				, 8 than yaking		
Be.	g and distance from section or subdivision con	<b>,</b>		W 14 5 W 14 Sec. 3/ T.		Уw.м. (
(3)	PROPOSED USE: Domestic M Indus	trial [] Municipal []	show thickness of aqui	color, character, size of mater fers and the kind and nature of	the materi	al in each
(4)				th at least one entry for each MATERIAL	FROM O	7 30
(5)	DIMENSIONS: Diameter of well Drilledft. Depth of completed	1		E		
(6)	CONSTRUCTION DETAILS: Casing installed:	ft. to ft.	4			
	Perforations: Yes No	by in ft. to ft ft. to ft.	Last Line	3 50, 2 mla	~	5
	Screens: Yes   No   Manufacturer's Name. Mo Diam. Slot size from Diam. Slot size from	odel No ft. to ft.		So, 3 nd ans,		
	Gravel placed from	gravel: ft.				
****	Material used in seal Remontary  Did any strata contain unusable water  Type of water? Depth of  Method of sealing strata off	? Yes No Dof strata		OEDVA:		
(7)	PUMP: Manufacturer's Name			PR 51001		
(8) Vstati Arte	WATER LEVELS: Land-surface elev above mean sea le ft. below top of we sian pressure lbs. per square inc.  Artesian water is controlled by	bl Date 3 -6 -84.		MENT O.4		
` '	WELL TESTS: Drawdown is amou lowered below stati	nt water level is ic level whom?	Work started3 —		3-6	19.8.4
Yiel	d: 10 gal./min. with ft. drawdo  With pitcher Pump. "	wn after hrs.	This well was di	R'S STATEMENT: rilled under my jurisdiction my knowledge and belief.		
Reco	overy data (time taken as zero when pump tu measured from well top to water level)	irned off) (water level	NAME [HRIS	B. JENSEN	Sn	

ł	true to the best of my knowledge and belief.
	NAME CHRIS B. JENSEN SN.
	(Person, firm, or corporation) (Type or print)
	Address 1603 So, 10 th and; yakina, Week. 98
	00.80

[Signed] (Krish) tensor of (Well Driller)

License No. 0217 Date 4-4, 1984

Bailer test......gal./min. with.....ft, drawdown after.....hrs.  File Original and First Copy with Department of Ecology

Second Copy—Owner's Copy

inira	Copy—Driller's Copy	Water Right Pormit No.	¥	
_	OWNER: Name Lela Rants		ma	
(2)	LOCATION OF WELL: County Yakima		. 3 <sub>N., 8</sub>	19 w.m.
(2a)	STREET ADDDRESS OF WELL (or nearest address) 2014 S. 2	2nd Ave., Yakima		
(3)	PROPOSED USE:  Domestic	(10) WELL LOG or ABANDONMENT PROCEDUI	d structure,	, and show
(4)	TYPE OF WORK: Owner's number of well (if more than one)	thickness of aquifers and the kind and nature of the material in ea with at least one entry for each change of information.	ich stratum	penetrated,
	Abandoned 🕱 New well 🖫 Method: Dug 🗆 Bored 🗆	MATERIAL	FROM	то
	Deepened 🗍 Cable 🗌 Driven 🗍	fopsoil	0	3
	Reconditioned 🗆 Rotary 🗓 Jetted 🗆	Br. Clay	3	10
(5)	DIMENSIONS: Diameter of well 6 inches.	Br. Clay & Small Gravel	10	17
	Drilled 50 feet. Depth of completed well 50 ft.	Br. Clay & Small Gravel	17	20
(6)	CONSTRUCTION DETAILS:	& Water & Sand Consaladated Rock	20	28
	Casing installed: 6 Diam. from +1 ft. to 49 ft.	Br. Clay & Small Gravel	28	50
	Welded X Diam. from ft. to ft.	& Sand & Water	20	
	Liner installed U Threaded U * Diam. fromft. toft.	W Sand & Water		
	Perforations: Yes No 🛚			-
	Type of perforator used	Abandoned Well		
	SIZE of perforations in. by in.			
	perforations fromft. toft.	· Keep casing full of bentoni	te	
	perforations fromft. toft.	as the casing was pulled ou	t	
·	perforations fromft. toft.	of the ground.		
	Screens: Yes No X			
	Manufacturer's Name	Bentonite	50	9
	Type Model No	Cement Plug	9	3
	Diam.         Slot size         from         ft. to         ft.           Diam.         Slot size         from         ft. to         ft.	Soil	3	0
	Gravel packed: Yes No Size of gravel		<del>  </del>	
			_	
	Gravel placed fromft. toft.	<u> </u>	i:	
	Surface seal: Yes X No To what depart			
	Material used in seal Bentonite	14 Con 1111		
	Did any strata contain unusable water? Yes No X	To say the		
	Type of water?Depth of strata  Method of sealing strata off	***************************************		
/7\				
	PUMP: Manufacturer's Name		<del></del>	
	Type: H.P. Land-surface elevation	THE TANK THE PROPERTY.	<b> </b>	
(8)	water Levels: above mean sea levelft.			
	Static level 12 ft, below top of well Date 1-0-90  Artesian pressure lbs. per square inch Date	· · · · · · · · · · · · · · · · · · ·		
	Artesian water is controlled by(Cao, valve, etc.))			
<del></del>		Work started $1-4-90$ , 19. Completed $1-8$		1990
	WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? Yes No W If yes, by whom?			
	Yield: gal./min. with ft. drawdown after hrs.	WELL CONSTRUCTOR CERTIFICATION:	truction of	المبد منطة
	n n n	I constructed and/or accept responsibility for cons and its compliance with all Washington well con-	struction s	standards.
	December of the Aligne of the company of the Aligne of the Company	Materials used and the information reported above knowledge and belief.	are true to	o my best
	Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)			
	Time Water Level Time Water Level Time Water Level	NAME Water Wells Drilling IN	<u>C.</u>	
		(PERSON, FIRM, OR CORPORATION) (TYPE OR PRINT)		
_		Address 5503 Ahtanum Rd., Yak	<u>ıma 9</u>	8903
	Date of test	(		_
	Bailer test gal./min. with ft. drawdown after hrs.	(Signed)	10.143	5
	Airtest 25 gal./min. with stem set at 50 ft. for 1 hrs.	Contractor's Registration D. V.D. 1.1.1		2.5
	Artesian flow g.p.m. Date 1-8-90	Registration WD112QB Date 1-11-		, <u>19_90</u>
	Temperature of water Was a chemical analysis made? Yes No X	(LISE ADDITIONAL SHEETS IE NECES	SARVI	

### WATER WELL REPORT

Application	No.	
-------------	-----	--

SIAIE OF	VINSHINGION FERRIL NO
(1) OWNER: Name ELDON F. BILLS	Address 2003 Sp. 340 AUE.
	_ NW4 SW4 Sec 31 T 13N, R 19 WM
ing and distance from section or subdivision corner	
(3) PROPOSED USE: Domestic & Industrial  Municipal	(10) WELL LOG:
Irrigation   Test Well   Other	Formation: Describe by color, character, size of material and structure, and
	show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL FROM TO
New well Method: Dug Bored D	TOP SOIL 08
Deepened ☐ Cable ☐ <b>Oriven</b> Reconditioned ☐ Rotary ☐ Jetted ☐	COM GLOMERATE P 30
21/	
Diameter of wellmiches.	
Drilled ft. Depth of completed well ft.	(E)
6) CONSTRUCTION DETAILS:	
Casing installed: 2"" Diam. from o ft. to 30 ft.	
Threaded Diam. from ft. to ft.	
Welded M " Diam. from ft. to ft.	5)
Danfarationa	
Perforations: Yes No 🕱	
SIZE of perforations	Tewer
perforations from ft. to ft.	- 1 20 AVE
perforations from	
perforations from ft. to ft.	
Screens: Yes No Z	
Manufacturer's Name	
Type	
Diam. Slot size from ft. to ft.	
Consol marked	
Gravel placed from ft. to ft.	
Graver placed from	1—— PECELVED
Surface seal: Yes No   To what depth?	
Material used in seal BENTWITE & CEMENT BROUT  Did any strata contain unusable water? Yes No	
Did any strata contain unusable water? Yes No Type of water? Depth of strata	1
Method of sealing strata off	
7) DUMD.	DEPARTMENT OF ECOLUST
7) PUMP: Manufacturer's Name	
8) WATER LEVELS: Land-surface elevation APP 1025rt.	
tatic levelft. below top of well Date 4-14-7	7
rtesian pressure	
Artesian water is controlled by(Cap, valve, etc.)	
9) WELL TESTS: Drawdown is amount water level is	4-14-77-4-14-77
lowered below static level  Vas a pump test made? Yes \( \text{No 12 H yes, by whom?}	Work started
field: /D gal./min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:
0 0 0	This well was drilled under my jurisdiction and this report is
u u u u u	true to the best of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	ASSESSED AND SOURCE SOURCE
Time Water Level   Time Water Level   Time Water Level	NAME JENS ENS WELL ORILLIAL FORIUNL (Person, firm, or corporation) (Type or print)
	1602 50 1074 4.15.
	Address 1603 So, 10 74 A VE
	1 20
Date of test	[Signed] (Well Driller)
Bailer testgal./min, withft. drawdown afterhrshrs	· \ \ ·
Temperature of water 50 Was a chemical analysis made? Yes No	License No. $O21Y$ Date $4-18$ , 19.7.7
•	1



#### WATER WELL REPORT STATE OF WASHINGTON

Application No. ......

 Per	mit	MO.	• • • •	•••••	<i>f</i> .	· <b>····</b>	•••
		1.			_	1	

**€** 3

(1) OWNER: Name Darlens Hale.	Address 113 Whatcom are phoma, wash
LOCATION OF WELL: County Jakima.	_NW 4 Sec T 13 N, R 19 W
ng and distance from section or subdivision corner	<u> </u>
(3) PROPOSED USE: Domestic X Industrial   Municipal   Irrigation   Test Well   Other	(10) WELL LOG:  Formation: Describe by color, character, size of material and structure, a show thickness of aquifers and the kind and nature of the material in each of the m
(4) TYPE OF WORK: Owner's number of well (if more than one)	stratum penetrated, with at least one entry for each change of formati  MATERIAL FROM TO
Deepened	Congloweth Light 11 8 30
(5) DIMENSIONS: Diameter of well 2 inches.  Drilled Depth of completed well 3 0 ft.	
(6) CONSTRUCTION DETAILS:  Casing installed: 2 "Diam. from O ft. to 30 po ft.  Threaded To Diam. from ft. to ft.  Welded To Diam. from ft. to ft.	n,
Perforations: Yes No No	
SIZE of perforations	
Screens: Yes   No V    Manufacturer's Name   Model No   Model No	tal S x 1 E
Diam.         Slot size         from         ft. to         ft.           Diam.         Slot size         from         ft. to         ft.	Whitem are,
Gravel packed: Yes No No Size of gravel:	12
Surface seal: Yes No To what depth?	POECE
Method of sealing strata off	DEC 2 8 1982
(7) PUMP: Manufacturer's Name	C DEPART
(8) WATER LEVELS: Land-surface elevation 4 1020 above mean sea level 7 ft.  Static level 7 ft. below top of well Date 2 1 82  Artesian pressure lbs. per square inch Date	
Artesian water is controlled by(Cap, valve, etc.)	
(9) WELL TESTS:  Drawdown is amount water level is lowered below static level  Was a pump test made? Yes  No  If yes, by whom?	Work started 12-1, 19.82 Completed 12-1, 19.8 WELL DRILLER'S STATEMENT:
"With fitcher pump. "	This well was drilled under my jurisdiction and this report true to the best of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level Time Water Level Time Water Level	NAME JENSENS WILL DRILLING + DRIVING (Person, firm, or corporation) (Type or print)  Address 1603 So. 10 th and Jakima Wash 98
Date of test	Chair B. Annal
B iller testgal./min. withft. drawdown afterhrs.  Artesian flowg.p.m. Date	[Signed] (Well Driller)  License No. C 217 Date 12 - 27, 198

### WATER WELL REPORT

Start Card No. 026066

Third Copy—Driller's Copy	Water Right Permit No.		
OWNER: Name Steve NUNLEY	Address Rt. 4 Box 4289	, WAS	pato
, LOCATION OF WELL: County JAKIMA (2a) STREET ADDDRESS OF WELL (or hearest address) 2106 S	3 L SW & Sec 3/ TA	13 N., R	19. w.m.
	Zha. AVE., GARIHIA		
(3) PROPOSED USE: Domestic Industrial I Municipal I DeWater Test Well Other	(10) WELL LOG or ABANDONMENT PROCEDUI	nd structure	, and show
(4) TYPE OF WORK: Owner's number of well	thickness of aquifers and the kind and nature of the material in e- with at least one entry for each change of information.		·
Abandoned New well Method: Dug Dered	MATERIAL	FROM	то
Deepened □ Cable □ Driven □ Reconditioned □ Rotary ✓ Jetted □	Topsoil	0	8
(5) DIMENSIONS: Diameter of well inches.	BA. Clay & gravel	8	18
Drilled 68 feet. Depth of completed well 68 ft.	BA. Clay & gravel 1	18	32
(6) CONSTRUCTION DETAILS:	SAND & WATER		<b>— — —</b>
Casing installed: 6" Diam. from + ft. to 55 ft.			
Welded         Image: state of the control of the	CEMENICO	32	50
Perforations: Yes No.	gravel a sand a water	50	56
SIZE of perforations in. by in.	BA. Clay & GRAVE	56	65
perforations fromft. toft.	0	1	
perforations fromft. toft.	CEMENTED SHOW SAINE	65	68
Screens: Yes No.			
Manufacturer's Name			
Type Model No	· .		
Diamft. toft.			
DiamSlot sizefromft. toft.		ļ	
Gravel packed: Yes No Size of gravel	<u> </u>		
Surface seal: Yes No To what depth? 20 ft.			
Material used in seal 3 ENTONITE			
Did any strata contain unusable water? Yes No	- Company Company		
Method of sealing strata off		ļ	•
(7) PUMP: Manufacturer's Name	- I make the second of the sec	ļ	
Type:H.P	AAV 10		
(O) MATER LEVELS. Land-surface elevation			
Static levelft. below top of well Dateft.	manufaction was a separate of the separate of		
Artesian pressurelbs. per square inch Date	Control of the contro		
Artesian water is controlled by(Cap, valve, etc.))	Company Age and supply for the		
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 5 , 19 mompleted 5	2 or	
Was a pump test made? Yes No. If yes, by whom?	WELL CONSTRUCTOR CERTIFICATION:		
Yield: gal./min. with ft. drawdown after hrs.	I constructed and/or accept responsibility for cons		
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	and its compliance with all Washington well con Materials used and the information reported above		
Recovery data (time taken as zero when pump turned off) (water level measured	knowledge and belief.		, 2000
from well top to water level) Time Water Level Time Water Level Time Water Level	NAME WATER WElls 1	Drill	ING_
	(PERSON, FIRM, OR CORPORATION) Address 5.50.3 Aht Anum	P	P PRHM)
Date of test	, audiess , and a distribution		10-
Bailer test gal./min. with ft. drawdown after hrs.	(Signed) License (WELL DRILLER)	No	35
Airtest 22 gal./min. with stem set at 66 ft. for 1 hrs.	Contractor's Registration		_
Artesian flow g.p.m. Date	No. WATER W 13/N8 Date 3 - 2		_, 19_
Temperature of water 60 Was a chemical analysis made? Yes No X	(USE ADDITIONAL SHEETS IS NECES	:CADV\	

#### 3:404

## HOLT DRILLING, INC.

Project Name (INON GAP WATER SYSTEM EXPINION Well Identification # MW - WY  Drilling Method TYS A  Driller STEVE WAUM MAN  License # Depth of  Soil Log Components  in Feet  GRANT W/SAMA  1,5	County VAKMA, SWM SWM Section 3 T. 3N R. 19 E  Start Card 213490  Consulting Firm HONG WEST  Stick up on Monument Casing  Type of Surface Seal Amount 1.5  ID of Riser Pipe Amount 5  Type of Connection THRAD
Drilling Method TSA  Driller STEVENDUMM  License # 1678  Depth of Soil Log Components in Feet	Section 3 T. 3N R. 19 E  Start Card 2/3490  Consulting Firm 1606 WEST  Stick up on Monument Casing  Type of Surface Seal 2 MENT  Amount 17  ID of Riser Pipe 3  Amount 5
Driller STEVENUMMN  License # 1678  Depth of  Soil Log Components  in Feet	Start Card 2/3490  Consulting Firm 1606 WEST  Stick up on Monument Casing  Type of Surface Seal 170  Amount 170  Type of Riser Pipe 170  Amount 5
Depth of Soil Log Components in Feet	Stick up on Monument Casin  Type of Surface Seal
Soil Log Components in Feet	Type of Surface Seal Amount D of Riser Pipe Amount 5
- 6 SIAN SAAD 10 GRAVEZ W/SAMA 1.5	ID of Riser Pipe  Type of Riser Pipe  Amount  5
	Type of Riser Pipe Amount 5
	Type of Backfill around Riser Renton Te
	Amount 5  Diameter of Borehole 8
	Screen Size or Type 500  Type of Filter Material 6000000000000000000000000000000000000
7 D	

3405

### HOLT DRILLING, INC.

28 × 200

Project Name LINION GAP WATER SYSTEM ERPA	NS.0 NDate 3-93
Vell Identification # MW - いる	County YAKIMA, SW14 SW 1/2
Drilling Method H SX	Section $31$ T. $3 \sim R$ 19 $\epsilon$
Driller STEVENAUMEN	Start Card 213490
icense #	Consulting Firm HONOWEST
Depth of Soil Log Components in Feet	Stick upon Monument Casin
-5' SILTY SAND -10' GRAVEZ WEAND J.S	Type of Surface Seal CEMENT  Amount 1/5
	Type of Connection
	Type of Backfill around Riser Bento vite  Amount 2,5
	— Diameter of Borehole 3
20	Screen Size or Type 1000 SXND
10	Amount 6
Remarks:	
	•
·	

26 . 3 3

Project Name UNION GAP WATER SYSTE	n expans de Date
Well Identification # MLU - W 2	County XAKIMA, SW SW
Drilling Method HSA	Section 3 / T. 13 N R. 19 E
Driller STEVE HAUMAA	Start Card
License # 1888	Consulting Firm HONG WEST
Depth of Soil Log Components in Feet	Stick upon Monument Casi
4 SIHYSAND 10 GRAVEZ W/SAND 1.5	Type of Surface Seal Company  Amount 1,5
	Type of Backfill around Riser
	Amount 6 2,5  — Diameter of Borehole 8
10	Screen Size or Type  Type of Filter Material  Amount
Remarks:	

Project Nameunon EAP WATER SYSTEMEX	Pansod Date 3-5-93
Well Identification # Www - W i	County YAKIMA, SW 1/4 SW 1/4
Drilling Method HSX	Section3/T/3/\times_R/9E
Driller STEVE HAUMAN	Start Card_ <u>213490</u>
License #	Consulting Firm HON6 WEST
Depth of Soil Log Components in Feet	Stick upon Monument Casing
-15 CROUEZ + BOULDERS WEXNOS	Type of Surface Seal (EMENT)  Amount / S
	ID of Riser Pipe  Type of Riser Pipe  Amount  Type of Connection  Type of Backfill around Riser  Amount  3
5	Diameter of Borehole
25	Screen Size or Type / O D Syn N D
	Amount
Remarks:	
<u> </u>	
	4 31

Well Identification # $\frac{1}{2}$ $\frac{1}{2}$	County YAKIMA, SW 145W
Drilling Method HSD	Section 3/ T. 13~ R. 19E
Driller STEVE LIAUMAN	Start Card 313490
License # / \$\frac{1}{5} \frac{1}{5}	Consulting Firm HONG WEST
Depth of Soil Log Components in Feet	Stick upon Monument Cas
5 SIHY SAND 10 CRAVEZ W/SNILD 15	Type of Surface Seal CEMENT Amount \$ 1.5
	Type of Riser Pipe PVC  Amount 7  Type of Connection THREAD  Type of Backfill around Riser BENTALLE  Amount 3.5
_5_'	— Diameter of Borehole ター
<u>,6'</u> <u> </u>	Type of Filter Material 1050 SAND  Amount
Remarks:	

8 00A

Project Name UNION GAP WATER SYSTEM EXPONSION	Date 3-3-73		
Well Identification # Mw- 55	County YN K MA , SW 1/4 SW 1/4		
Drilling Method 43 A	Section3 /T) ₹ ~ _ R/9 €		
Driller STEVE HAUMAN	Start Card 2/3 490		
License # 1 S & &	Consulting Firm LONG WEST		
Depth of Soil Log Components in Feet	_ Stick up3on Monument Casing		
0-7' SHYSAND 7-10 ERNEZWISAND 1.5	Type of Surface Seal Amount Amount I.S.  ID of Riser Pipe Type of Riser Pipe Type of Connection THOEAD  Type of Backfill around Riser Beat CN Te Amount 3.5		
	- Diameter of Borehole 8		
5' 10'	- Screen Size or Type 026  - Type of Filter Material 10/26 SAND  Amount 6		
Domorkov			
Remarks:			
·	Signature		

## WATER WELL REPORT STATE OF WASHINGTON

Application	No.	
Peímit No.		

(1) OWNER: Name	Address VI I I I I I I I I I I I I I I I I I	1	
) LOCATION OF WELL: County	_SW % SW % Sec.31 T.13	N., R.	9w.m.
earing and distance from section or subdivision corner			
(3) PROPOSED USE: Domestic   Industrial   Municipal	(10) WELL LOG:		N
(3) PROPOSED USE: Domestic   Industrial   Municipal   Irrigation   Test Well   Other	Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of the stratum penetrated, with at least one entry for each ch	ie materu	at the each
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL	FROM	TO
New well  Method: Dug  Bored	Fra Soil	$\triangle$	
Deepened	3 rd allowater	2	30
Reconditioned Rotary Jetted	- Company of the Comp		
(5) DIMENSIONS: Diameter of well inches.	DECEMBER :		
Drilled ft. Depth of completed well ft.			
(6) CONSTRUCTION DETAILS:	OCT O 1980		
Casing installed: Z " Diam. from ft. to ft.	11// 001 0 1300		
Threaded" Diam. from ft. to ft.			
Welded Diam. from ft. to ft.	DEPARTMENT OF MANAGED BY		
Perforations: Yes □ No ⊠	CENTRAL HEET		
Perforations: Yes   No   No   Type of perforator used			
SIZE of perforations in. by in.			
perforations from ft. to ft.			
perforations from ft. to ft.			
perforations from ft. to ft.	·		
Screens: Yes   No  X			
Manufacturer's Name			
Type Model No			
Diam Slot size from ft. to ft.			
Diam. Slot size from ft. to ft.	Wichenston in.		
Gravel packed: Yes 🗆 No 💢 Size of gravel:		T.	
Gravel placed fromft. toft.	TV 5		
<del></del>	3.0		
Surface seal: Yes No D To what depth? ft.	K.		ļ. <u>.</u> .
Material used in seal. 2. Annual			
Type of water? Depth of strata	is form with		
Method of sealing strata off			
			<u> </u>
(7) PUMP: Manufacturer's Name			1
Туре: Н.Р			
(8) WATER LEVELS: Land-surface elevation 10 20 above mean sea level.			
Static level 7/7 tt. below top of well Date			
Artesian pressurelbs. per square inch Date	-		ļ
Artesian water is controlled by(Cap, valve, etc.)		<u> </u>	<u> </u>
		<u> </u>	<u> </u>
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 19 19 19 Completed 1	(3)	, 19 <u>. )(</u>
Was a pump test made? Yes \( \sum \) No \( \sum \) If yes, by whom?	WELL DRILLER'S STATEMENT:		
Yield: gal/min. with ft. drawdown after hrs.			
" "	This well was drilled under my jurisdiction true to the best of my knowledge and belief.	anu tins	report R
<u>"</u>		7 -	•
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level   Time Water Level   Time Water Level	NAME JAILEIN IL	., (Type or )	print)
	11, 3 1 10, 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	, 41	1.6 h
	Address		*
	$A = \{ (n, \ell) \in \mathfrak{p}(\mathcal{A}) \mid (n, \ell) \in \mathcal{A} \}$		
Date of test	[Signed] (Well Driller)		
Bailer testgal/min. withft. drawdown afterhrs	(Well Driller)		
ian flowgp.m. Dategp.m. Date	License No. Date 1	<u> 41 </u>	, 19 <u>5 (</u>
rature of water			-

### WATER WELL REPORT

Application N	o/
Downit No.	

	VASHINGTON Permit No
(1) OWNER: Name O. M. Mortimore,	Address 2008 So. 12 ane: Johns, Wesh 98903
LOCATION OF WELL: County Jakima:	_ SW 4 SW 4 SeJ   T   3 N, R   9 W.M
Bearing and distance from section or subdivision corner	
(3) PROPOSED USE: Domestic 🕱 Industrial 🗆 Municipal 🗆	(10) WELL LOG:
Irrigation  Test Well Other	Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each
(4) TYPE OF WORK: Owner's number of well	stratum penetrated, with at least one entry for each change of formation
New well Method: Dug Bored	Top Sail Light Brown, O 8
Deepened	Top Sail, - Tight Brown, O 8 Consomete - 11 11 8 32
Reconditioned   Rotary Jetted	Cler Sittle linda 11 11 32 34
(5) DIMENSIONS: Diameter of wellinches.  Drilledft. Depth of completed wellft.	Conglomate - 11 11 34 50
(6) CONSTRUCTION DETAILS:	
Casing installed: 5 "Diam. from 0 ft. to 48 27 ft.	
Threaded Diam. from ft. to ft.	
Welded Diam. from ft. to ft.	
Doutonotions	
Perforations: Yes   No   Type of perforator used	
SIZE of perforations in. by in.	2 0 +
perforations from ft. to ft.	2008 la 1st and
perforations from ft. to ft	11 11
	yapina:
Screens: Yes 🗆 No 😿	
Manufacturer's Name Model No Model No	
Diam. Slot size from ft. to ft. to ft.	
Diam.' Slot size from ft. to ft.	
Gravel packed: Yes No No Size of gravel:	
Gravel placed from ft. to ft.	
Surface seal: Yes X No D To what depth? ft.	
Material used in seal <b>Section 18</b> Did any strata contain unusable water? Yes No	
Type of water? Depth of strata	
Method of sealing strata off	
(7) PUMP: Manufacturer's Name	
Туре: Н.Р	
(8) WATER LEVELS: Land-surface elevation 10 20	
above mean sea level ft.  Start level 8 6 ft. below top of well Date 9-9-83	
Artesian pressurelbs. per square inch Date	
Artesian water is controlled by(Cap, valve, etc.)	
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started
Was a pump test made? Yes No If yes, by whom?	WELL DRILLER'S STATEMENT:
Yield: O gal./min. with ft. drawdown after nrs.	This well was drilled under my jurisdiction and this report i
" " " "	true to the best of my knowledge and belief.
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)  Time Water Level   Time Water Level   Time Water Level	NAME JENS ENS WELL DRILLING + DRIVING (Person, firm, or corporation) (Type or print)
	Address 1603 Sa 10 th and de hima Wash, 98
	Address / Carry Address / Carr
Date of test	( hus B. I a sen day
Bailer testgal./min. withft. drawdown afterhrs.	[Signed] Well Driller)
Artesian flowg.p.m. Date	0717 6 9 1 8
Temperature of water	License No. Date Date 19.0

### WATER WELL REPORT

Application	No.	

**4€** 3

SIATE OF V		<del></del> -	<del></del>
(1) OWNER: Name P. W. Lifford	Address 2006 So. 1 stone yakima, 4	vish:	
LOCATION OF WELL: County Makima	-SW 1 SW 1 Sec 3   T 1	3 <sub>N,R</sub> /9	.w.m.
Bearing and distance from section or subdivision corner		· · · · · · · · · · · · · · · · · · ·	
(3) PROPOSED USE: Domestic M Industrial [] Municipal []	(10) WELL LOG:	$\overline{N}$	
Irrigation □ Test Well □ Other □	Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of the state	and structure	, and
(4) TYPE OF WORK: Owner's number of well	stratum penetrated, with at least one entry for each ch		
New well Method: Dug Bored	MATERIAL	FROM T	7
Deepened Cable Driven	Tap soil = Jught brown,	0 6	<u> </u>
Reconditioned   Rotary   Jetted	Componale - 11 11	6 29	
(5) DIMENSIONS: Diameter of well			
Drilledft. Depth of completed well 29 35 ft.			
(6) CONSTRUCTION DETAILS:			
Casing installed: 2 "Dlam, from 0 ft. to 30' 23 tt.			
Threaded 🕱			
Welded William from ft. to ft.			
Deufenstians			
Perforations: Yes No W			
Type of perforator used	2001 1 1 N Com	<del></del>	
perforations from	2000 00,1-00	<del>- i-</del>	
perforations from ft. to ft.			
perforations from ft. to ft.	Jakemen		
Screens: Yes No Y			
Manufacturer's Name			
Type Model No			
Diam Slot size from ft. to ft.			
Diam.' Slot size from ft. to ft.			
Gravel packed: Yes   No W Size of gravel:		-	
Gravel placed from ft. to ft.		<del>-</del>	
Surface seal: Yes No - To what depth? ft.  Material used in seal Bentonite + Cement.			
Did any strata contain unusable water? Yes \( \scale \) No \( \)			
Type of water? Depth of strata			
Method of sealing strata off			
(7) DIIMD.			
(7) PUMP: Manufacturer's Name	(C) 1	<del>1</del> 건	
(8) WATER LEVELS: Land-surface elevation 10 20 above mean sea level 10 10 10.	·		
Static level			
Artesian pressurelbs. per square inch Date			
Artesian water is controlled by(Cap, valve, etc.)			
(0) WELL TESTS. Drawdown is amount water level is		<u> </u>	· // -
lowered below static level	Work started 8-11, 19.83 Completed	<u>8-11, 16</u>	<u> کا و</u>
Was a pump test made? Yes No If yes, by whom?	WELL DRILLER'S STATEMENT:	-	
Yield: O gal/min. with ft. drawdown after hrs.			
With pitcher fump,	This well was drilled under my jurisdiction a true to the best of my knowledge and belief.	ind this repo	ort 18
Description date (time taken as some when numn tunned off) (water level		I have	
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	NAMEJENSENS WELL DRILLIN	c Y UKII	$VI^{l}$
Time Water Level Time Water Level Time Water Level		Type or print)	•••••••
	Address 1603 So 10 Thane; Making	IN asks	120
	Address	3. KT. T. T. T	1V
	Chia B. Charan	J	
Date of test	[Signed] (Well Driller)	-ov /	· • • • • • • • • • • • • • • • • • • •
Baller testgal/min. withft. drawdown afterhrs.  Artesian flowg.p.m. Dateg.p.m.	2714	9.7	0
Temperature of water 5 Was a chemical analysis made? Yes No	License No. O & Date	176,1	9. <i>0</i>
· · · · · · · · · · · · · · · · · ·	•		

### WATER WELL REPORT

Application	No.	

**3** 

	WASHINGT			Permit No	o	
(1) OWNER: Name RAY SHUEL	Address	2109		3.40 A	UE	YAY, M
(2) LOCATION OF WELL: County YAKIMA			w Sw w	Sec. 3 / m	/3	. 19
	-			Jee 1		KVW.1
(3) PROPOSED USE: Domestic X Industrial  Municipal		LL LOG:				<del></del>
Irrigation □ Test Well □ Other □	Formation:	Describe by coness of aquifers tetrated, with a	or, character,	size of mate	rial and st	ructure, an
(4) TYPE OF WORK: Owner's number of well (if more than one)	stratum per			itry for each	of the mate change of	rial in eac f formatio
New well 🕱 Method: Dug 🗌 Bored	j		ERIAL		FROM	_1
Deepened ☐ Cable ☐ Driven Reconditioned ☐ Rotary ☐ Jetted ☐	TOP	SOIL			0	8
		LOMERA	OFE (2	- LOHT B	) 8	31
(5) DIMENSIONS: Diameter of well inches.	.				<u> </u>	
Drilled ft. Depth of completed well 3/ ft.	.	<del></del>				<del></del>
6) CONSTRUCTION DETAILS:	' I					<del></del>
Casing installed: 2 "Diam. fromO ft. to3/ ft.				· · · · · · · · · · · · · · · · · · ·	<del></del> -	<del> </del>
Threaded Diam. from ft. to ft.					+	+
Welded 7 Diam. from ft. to ft.	]				+	<del></del>
Perforations: Yes □ No 🕱					<b>—</b>	<del> </del>
Type of perforator used:					1	<del> </del>
SIZE of perforations in, by						<del>                                     </del>
perforations from ft. to ft.	l ————					
perforations from ft. to ft,	ļ <del></del>	· · · · · · · · · · · · · · · · · · ·				
perforations from ft. to ft.						
Screens: Yes   No M	J		<del></del>	· · · · · · · · · · · · · · · · · · ·		
Manufacturer's Name		<del></del>		· <del></del>	<del> </del> -	<u> </u>
Type		DEAR	147	<del></del>	<del> </del>	<u> </u>
Diam Slot size from ft. to ft.		KLUL	<del> </del>		<del> </del>	ļ
Crossel west-1			<u> </u>	<del></del>	<del> </del>	
Gravel placed from		MAY 3	1977		<del> </del>	
		11177 -0	<del></del>		<del>                                     </del>	
Surface seal: Yes No D To what depth?		PARTMENT O	E ECOLOGY			
Material used in seal SENTONITE : CEMENT GROW  Did any strata contain unusable water? Yes No No	CEN!	TRAL REGIO	IN CFFICE			
Type of water? Depth of strata						
Method of sealing strata off						
) PUMP: Manufacturer's Name		<del></del>				
Туре: Н.Р.					<del> </del> -	
		<del></del>			<del>  </del>	
tic level						
ttic level ft. below top of well Date 4-6-77						
tesian pressure						
(Cap, valve, etc.)						
WELL TESTS:  Drawdown is amount water level is lowered below static level						<u> </u>
s a pump test made? Yes No of If yes, by whom?	Work started	4-4	, 19.77. Con	pleted 4	- L	10 7.7
ld: / O gal./min. with ft. drawdown after hrs.		ILLER'S S'			په- در	
n n	true to the b	was drilled to est of my ki	ınder my ju: lowledge and	risdiction a d belief	nd this r	eport is
covery data (time taken as zero when pump turned off) (water level measured from well top to water level)					_	
ime Water Level   Time Water Level   Time Water Level	NAME JE	NSENS	WELL	DRILLI	NL & C	210,
					abe or bur	nt)
	Address /	,03 S	0, 10	TH AUE	<del>.</del> .	
Date of test	. ~	,	\		****************	••••••
Date of testgal./min. withft. drawdown afterhrs.	[Signed]				, ,	
	[Signed]			riller)		<del></del>
nperature of water	License No	0218	D.	e 4-	フ	~ ~ ~
- 7			/	c	·····,	19//
			^/			

# APPENDIX IV SITE ASSESSMENT CHECKLIST

04-11-94 09:18 THE EXIET CHOC

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

Post-It™ brand fax transmittal memo 7671

April 8, 1994

Mr. Dave Stiner Washington Beef Goodman Rd. Union Gap, WA 98903

Dear Mr. Stiner:

In answer to your questions concerning the two 1,000 gallon tanks removed from Washington Beef on Ahtanum Road, I provide you the following explanation:

First, the product remaining in the tanks was removed with a Vacu-Max, then dry-iced, cut open and scrapped and cleaned with solzall to remove all remaining product. This product was then removed with the Vacu-Max again.

Next, the tanks were taken to Douglas Wrecking (which is a licensed facility) in Wapato, Washington for disposal.

The tanks were removed from the property in November, 1993.

If you have any further questions, please don't hesitate to contact me.

Sincerely,

CAYUSE ENVIRONMENTAL

Bryan Mull

Project Manager

BM:BC/Th



#### UNDERGROUND STORAGE TANK Site Check/Site Assessment Checklist

*******		Fa- O≠	Cas TTS	0-1		
		ror Oi	nce us	е Ошу		
Owne	r# /	1//)/	)(JX:		7	
a						
Dite #						

#### **INSTRUCTIONS:**

SITE INFORMATION

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 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.

<u>SITE INFORMATION:</u> 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.

<u>TANK INFORMATION:</u> Please list all tanks for which the site check or site assessment is being conducted. Use the owner's tank ID numbers 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.

<u>SITE ASSESSOR INFORMATION:</u> 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 ID Number (on invoice or available from Ecology if the tanks are registered): 002577								
Site/Business Name: Washington Beef								
Site Address: _	2709	Goodman Road	1	Telephone: (509	) 248-3350			
	Unio	n Gap		WA State	98903 ZIP-Code			
TANK INFORM	IATION							
Tank	ID No.		Tank Capacity		Substance Stored			

1	1,000 gallon	Unleaded gasoline
2	1,000 gallon	Unleaded gasoline
REASON FOR CONDUCTI	NG SITE CHECK/SITE ASSESSMEN	T
Check one:		

HEASON F	OH CONDUCTING SITE CHECK/SITE ASSESSIVENT	
Check one:		
	Investigate suspected release due to on-site environme	ntal contamination
	Investigate suspected release due to off-site environment	ntal containation.
<del></del>	Extend temporary closure of UST system for more than	
	UST system undergoing change-in-service.	
	UST system permanently closed-in-place.	[ ] LEB 0.3 1882 [ ]
X	UST system permanently closed with tank removed.	
	Abandoned tank containing product.	ECOLOGY
<del></del>	Required by Ecology or delegated agency for UST systematics	em closed before 12/22/88.
	Other (describe):	·

OUEO			
CHEC	KLIST		
	item of the following checklist shall be initialed by the person registered with the Dep	part-	
ment	of Ecology whose signature appears below.	YES	NO
-	The least of the Ticky of the T		NO
1.	The location of the UST site is shown on a vicinity map.		
2.	A brief summary of information obtained during the site inspection is provided. (see Section 3.2 in site assessment guidance)	Z	
3.	A summary of UST system data is provided. (see Section 3.1)		
4.	The soils characteristics at the UST site are described. (see Section 5.2)		
5.	Is there any apparent groundwater in the tank excavation?		
6.	A brief description of the surrounding land use is provided. (see Section 3.1)		
7.	Information has been provided indicating the number and types of samples collected, methods used to collect and analyze the samples, and the name and address of the laboratory used to perform the analyses.	Z	
8.	A sketch or sketches showing the following items is provided:		
	- location and ID number for all field samples collected		
	- groundwater samples distinguished from soil samples (if applicable)		,
	- samples collected from stockpiled excavated soil		
	- tank and piping locations and limits of excavation pit		
	- adjacent structures and streets		,
	- approximate locations of any on-site and nearby utilities		22
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.		Z
11.	Any factors that may have compromised the quality of the data or validity of the results are described.		
12.	The results of this site check/site assessment indicate that a confirmed release of a regulated substance has <b>not</b> occurred.		7
SITE	ASSESSOR INFORMATION		
D	ouglas P. D'Hondt PLSA Engineering & Survey	ing	
	n registered with Ecology Firm Affiliated with		
Busine	ess Address: 1120 West Lincoln Avenue Telephone: 609) 575-69		
	Street Yakima WA 98902		
	City State ZIP+Code by certify that I have been in responsible charge of performing the site check/site assessment Persons submitting false information are subject to penalties under Chapter 173.360 WAC.	descr	ibed
	2/1/14		
	Date Signature of Person Registered with Ecology		

#### APPENDIX V

#### INDEPENDENT REMEDIAL ACTION REPORT SUMMARY



### **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	USEONLY		☐ NFA
ERTS No.	TCP I.D. No.	Date Received		SHA Referral
				Interim Action
Reviewed by		Initial Investigation (Da		☐ Emergency Action
	PLEAS	SE PRINT CLEARLY OR TYPE		
Complete all of the followin	g:			
GENERAL INFORMATION				
Name of Site Owner			Phone	
Washington	Beef	·····	509	-248-3350
Address 2709 Goodman Ro	oad, Union Ga	p, WA		98903
Authorized Contact			Phone	
Dave Stine	er		s	ame
Name of Facility Operator			Phone	
Address			<u> </u>	
Authorized Contact			Phone	
			Phone	
Name of Consultant			1	E7E C000
Name of Firm	ley J. Card		509-	-575-6990
	_	•		
	ering & Surve	yıng		······································
		, Yakima, WA 98902		
above, please provide their pouglas P. D	name, address, and a d 'Hondt	<u> </u>		someone other than listed
PLSA Engineer	ring & Survey	ing		
1120 West Lir	ncoln Avenue,	Yakima, WA 98902		<del></del>
REPORT INFORMATION				
Type of Report (check one)	)			derground Storage Tank (LUST

Туре	of Report (check one)	Is this a Leaking Underground Storage Tank (LUST) report? Yes 🛴 No 🔲
	Combined release and independent remedial action report Independent remedial action report	Date release was reported to Ecology
☑	Interim Action Report	Date cleanup was completed
	Final Cleanup Action Report	to be completed

#### FACILITY INFORMATION

Site Name			
Washington Beef			
Other Names (the site may be known as)			
NA			
Site Contact Person If Other Than Owner/Operator (The authorized and qualified to answer questions about the knowledge about the site and the remediation.)  Name	site, or a person t	on who is on-site during no who is available during no Phone	rmal business hours and has
Site Mailing Address (or site contact mailing address)	<del></del>		
Same			·
Site Location Address (including zip code)			
Clarat Clar	County (w	here site is located)	
Closest City	1	:	*.
Union Gap, WA  Township Range Section		ma Quarter-Quarter	Meridian
Longitude: Degree	<u>'</u> `	Minute	Second
Latitude: Degree		Minute	Second
			ntification column in the private
party, code #1 row.)	Code#	Owner Identification	Operator Identification
Ownership/OperatorType	Code #	Owner Identification	
Ownershlp/OperatorType Private Party			Operator identification
Ownership/OperatorType	1		Operator identification
Ownership/OperatorType Private Party Municipal (Public)	1 2		Operator identification
Ownership/OperatorType Private Party Municipal (Public) County	1 2 3		Operator identification
Ownershlp/OperatorType Private Party Municipal (Public) County Federal	1 2 3 4		Operator identification
Ownershlp/OperatorType Private Party Municipal (Public) County Federal State	1 2 3 4 5 5		Operator identification
Ownership/OperatorType Private Party Municipal (Public) County Federal State Tribal	1 2 3 4 5 6		Operator identification
Ownership/OperatorType Private Party Municipal (Public) County Federal State Tribal Mixed Other Unknown	1 2 3 4 5 6 7 8 9 9		Operator identification
Ownership/OperatorType Private Party Municipal (Public) County Federal State Tribal Mixed Other Unknown Public Entity Acquisition through Bankruptcy	1 2 3 4 5 6 7 8 9 10		Operator identification
Ownershlp/OperatorType Private Party Municipal (Public) County Federal State Tribal Mixed Other Unknown Public Entity Acquisition through Bankruptcy Financial institution Acquisition through Bankruptcy	1 2 3 4 5 6 7 8 9 10 y 11	X	Operator identification . X
Ownership/OperatorType Private Party Municipal (Public) County Federal State Tribal Mixed Other Unknown Public Entity Acquisition through Bankruptcy Financial Institution Acquisition through Bankruptcy Standard Industrial Classification (SIC) Codes. Lis activities conducted at the site, e.g., automotive repair of the following sources, activities, or actions? Please 1 = Drug Lab 2 = Drum 6 = 1 2 = Drum 6 = 1 3 = A Leaking Impoundment 7 = 1	1 2 3 4 4 5 6 6 7 8 9 10 7 11 t all that apply. If and maintenance	X  none apply, or if you don't, construction equipment setance(s) cleaned up from ly to the facility.  9 = A Sp 10 = Stor 11 = Leal	Coperator Identification  X  know your SIC code, list storage, etc.  the site was the result of which which

#### RELEASE INFORMATION

Date of Release (if kn	own)		I D	ate of	Discov	ery		-		Are th	ere an	/ drinki	ng wa	ter sys	tems a	ffected	17
Claken	our			"	1161	19.	3			Yes				Ø	Unkn		
if drinking water syste			-			If dr	Inking	water	syster	ns are	affects	d, has	altern	ate dri	nking v	vater b	een
systems public, priva	ite, or i	both?	(circle	one)		prov	ded?		Yes		Ŋ	٥ 🗖		Unkno	wn (	<b>_</b>	
-General Hazardous S tion of the contaminan	Substa its can	nca C	ategoi ind in i	ries U Append	sing th	e cont	amina uidano	nts list :e.)	ed pe	low, co	mplete	the ta	ble. (/	A more	detail	ed des	crip-
	status	s of the	conta	ıminan	ch of th ts: ( the gu	Co	nfirme	conta d or S	minar = Sus	its, ent spected	er the	approp ntamin	riate le ant sta	etter de atus de	signal finition	ing the	
	spunodw	S		ıls (PCBs)				ıts		drocarbons (PAH)		-		nts - Organics	nts - Inorganic	spunodw	-
Affected Media	Halogenated Organic Compounds	Metals - Priority Pollutants	Metals - Other	Polychlorinated Bi-Phenyls (PCBs)	Pesticides/Herbicides	Petroleum Products	Phenolic Compounds	Non-Halogenated Solvents	Dioxins	Polynuclear Aromatic Hydrocarbons (PAH)	Reactive Wastes	Corrosive Wastes	Radioactive Wastes	Conventional Contaminants	Conventional Contaminants - Inorganic	Base/Neutral Organic Compounds	Asbestos
Ground Water		Ì			-	C											
Surface Water					<u> </u>												
Drinking Water																	
Soil						C											
Air								·									

#### 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						
В						
C						
Have these levels been met throughout the site? (circle only one)	YES NO	(YES) NO	YES NO	YES NO		

### CLEANUP INFORMATION (continued)

Indicate the treatment methods used by completing Tables 5-8 through 5-D below. (Check all that apply)

Immo	obilization Solidificati Stabilizati -NANA-	ion/ ion sal/Co	Reuse/F	Recycling <sup>2</sup>	Solv Extraction -NA	Separati	Aeration/Vap Extraction  -NANANANA- stiffed in these tal  con/Volume Rec Soil Washing -NANA-	Des	sical
IA- regeneration Immo	X X X -NA- lon; use of granul cobilization Solidificati Stabilizat -NANANA- coleum product relors. Land Disponontainment or	ion/ ion ecoverd	Reuse/F	-NA- n followed by Recycling <sup>2</sup>	Solv Extraction -NA	-NA- vould be class  Separati ent   ction   A- A-	-NANANANA- ssiffed in these tal	duction Phys	-AV -AV -AV
regeneration Immo	-NA- ion; use of granul cobilization Solidificati Stabilizat -NANA- coleum product re cors. Land Dispo- containment or	ion/ ion ecoverd	Reuse/F	-NA- n followed by Recycling <sup>2</sup>	Solv Extrac -NA -NA ystem.	Separati ent   stion   A-	-NANA- siffed in these tal ion/Volume Rec Soil Washing -NANA-	duction Phys	-AV AV emi
regeneration Immo	obilization Solidificati Stabilizati -NANA- troleum product refors.  Land Disponontainment or	ion/ ion ecoverd	Reuse/F	n followed by	Solv Extrac -NA -NA ystem.	Separati ent   stion   A-	-NANA- siffed in these tal ion/Volume Rec Soil Washing -NANA-	duction Phys	-AV AV emi
regeneration Immo	obilization Solidificati Stabilizati -NANA- troleum product refors.  Land Disponontainment or	ion/ ion ecoverd	Reuse/F	Recycling <sup>2</sup>	Solv Extrac -NA -NA ystem.	Separati ent   stion   A-	-NANA- ssifled in these tallion/Volume Reco	duction Phys	NA- me
regeneration Immo	obilization Solidificati Stabilizati -NANANA- proleum product relors.  Land Disponontainment or	ion/ ion ecoverd	Reuse/F	Recycling <sup>2</sup>	Solv Extrac -NA -NA ystem.	Separati ent   stion   A-	-NA- saifled in these tal ion/Volume Rec Soil Washing -NANA-	duction Phys Separ	eical
Immo	obilization Solidificati Stabilizati -NANANA- proleum product relors.  Land Disponontainment or	ion/ ion ecoverd	Reuse/F	Recycling <sup>2</sup>	Solv Extrac -NA -NA ystem.	Separati ent ction	on/Volume Rec Soil Washing -NA- -NA-	duction Phys Separ	sical
-NA- -NA- of free petitions separate	Solidificati Stabilizati -NANANA- proleum product re tors.  Land Disponentainment or	ecoverd sal/Co	ed in a pum	p and treat sy	Extrac -NA -NA ystem.	ent ction	Soil Washing -NA- -NA-	Phys Separ	sical ation <sup>3</sup>
-NA- -NA- of free petitions separate	Solidificati Stabilizati -NANANA- proleum product re tors.  Land Disponentainment or	ecoverd sal/Co	ed in a pum	p and treat sy	Extrac -NA -NA ystem.	ent ction	Soil Washing -NA- -NA-	Phys Separ	sical ation <sup>3</sup>
-NANA- of free petrater separate	Stabilizat -NANANA- proleum product re tors.  Land Dispo	ecoverd sal/Co	ontainment		Extrac -NA -NA ystem.	A-	-NA- -NA-	Separ	sical ation <sup>3</sup>
-NANA- of free petrater separate	-NA- -NA- -NA- -Toleum product re- tors.	ecovero sal/Co	ontainment		-NA -NA ystem.	A- A-	-NA- -NA-	Separ	ation <sup>3</sup>
-NA- of free petiter separate	-NA- proleum product resors.  Land Disposontainment or	sal/Co	ontainment		-NA ystem.	A-	-NA-		
-NA- of free petiter separate	-NA- proleum product resors.  Land Disposontainment or	sal/Co	ontainment		-NA ystem.	A-	-NA-	Others	
of free petroter separate	Land Dispo	sal/Co	ontainment		ystem.			Others	
tter separate	Land Dispo	sal/Co	ontainment			nal Controls		Others	
	ontainment or				Institution	nal Controls	3	Others	<del></del>
		-	X	ndfill			Specify t	treatment i	netho
			-NA-		··		<del></del>		
	-NA-		-NA-			····			
	-110-		-110-						
TON ed <i>(check i</i> Diesel		te Oil							g:
Unleaded Gas 🏻 Heating Oil 🔲 Cther		ər	(Identify			Yes 🗘		No 🔲	
DICATOR	S								
of soll hav as conduc of soil hav	ve been treated sted, was it don ve been dispose	e on-s	3112 site, off-site?	•, or both?	Calculate i place, prio	these quan r to any exc	cavation and/or	treatment	
	Heating  Heating  DICATOR  Jestions a of soil have as conducted from the soil have as the soil have a	ed (check one) Diesel 🖎 Was Heating Oil Cthe DICATORS  Diestions as they are applied to soil have been treated as conducted, was it done of soil have been disposition(s) where soil was distance.	ed (check one) Diesel X Waste Oil Heating Oil Cther  DICATORS  Justions as they are applicable of soil have been treated?  as conducted, was it done one of soil have been disposed of otton(s) where soil was disposed to the contract of soil was disposed.	Diesel	Diesel	Diesel	Appropries (Calculate these quantition(s) where soil was conducted, how many gallons of ground water have been disposed, how many gallons of ground water have been disposed.	Approx. Tank Size:  Diesel	Approx. Tank Size: 1,000    Heating Oil   Cther   (Identify   Yes   No