

# TERRA ASSOCIATES, Inc.

Consultants in Geotechnical Engineering, Geology and Environmental Earth Sciences

> September 12, 2022 Project No. T-8565

Mr. Tyler Litzenberger Vector Development Company 11335 Northeast 122nd Way, Suite 105 Kirkland, Washington 98034

Subject: Critical Aquifer Recharge Areas Evaluation

Freeman Logistics

Freeman Road East and 19th Avenue Northwest

Pierce County, Washington

Reference: Geotechnical Report, Freeman Logistics, Project No. T-8565,

prepared by Terra Associates, Inc., dated August 11, 2021, revised July 11, 2022

## Dear Mr. Litzenberger:

As requested, we performed an aquifer recharge and wellhead protection area review of the subject site. The purpose of our study was to determine if the site is located within the boundaries of aquifer recharge areas or wellhead protection areas as defined in Pierce County Code (PCC) Chapter 18E.50.020 (Aquifer Recharge and Wellhead Protection Areas) and the City of Fife Municipal Code (FMC) Chapter 17.07.030 (Applicability), and to conduct a hydrogeologic assessment of the site in accordance with the requirements of PCC 18E.50.030.B (Aquifer Recharge and Wellhead Protection Area Review Procedures, Hydrogeologic Assessment) and FMC 17.07.040 (Surface Area – Hydrogeologic Assessment).

The site is located within the boundaries of an aquifer recharge area per the defining criteria given in PCC 18E.50.020.B.1 and FMC 17.07.030, and four wellhead protection areas per the defining criteria given in PCC 18E.50.020.C. Review of the Washington State Department of Health (WSDOH) Source Water Assessment Program (SWAP) interactive GIS mapping tool (<a href="https://fortress.wa.gov/doh/swap/index.html">https://fortress.wa.gov/doh/swap/index.html</a>) shows the site overlain by the 1-year, 5-year, and 10-year time-of-travel zones of Group A water systems identified as Eggimann-664 and the Schenk Water System, as well as by the 10-year time-of-travel zone of the Group A water system identified as Cherrywood Mobile Home Manor. The site is also overlain by the TOT zone for the Group B water system identified as the Hayes Water System. The position of the site relative to the time-of-travel plots of these systems is shown on Figure 1. The SWAP map shows the site within the boundary of the Puyallup-White Watershed.

#### SITE DESCRIPTION

The site is an approximate 21-acre assemblage of 13 parcels located northeast of and adjacent to the intersection of Freeman Road East and 19th Avenue Northwest in Pierce County, Washington. The approximate site location is shown on Figure 2.

Existing site improvements include single-family residences, outbuildings, and land used for agricultural purposes throughout the site. Only one parcel in the northern-central portion of the site is vacant. Review of property information on the Pierce County Public GIS (PCPGIS) interactive mapping tool (<a href="https://matterhornwab.co.pierce.wa.us/publicgis/">https://matterhornwab.co.pierce.wa.us/publicgis/</a>) showed no documentation of the residential heating sources. A domestic water well is located near the west-central margin of the eastern parcel.

The site is situated on the northern portion of the Puyallup River alluvial plain. The channel of the northwest-flowing Puyallup River is located approximately 885 feet south of the site's southwestern corner. Site topography is relatively flat across the vast majority of the site. Surface elevations shown on the PCPGIS website generally range between about Elev. 32 and Elev. 34.

The PCPGIS shows several environmentally-significant surface features located within 1,300 feet of the site. The type of surface feature and general direction and distance from the site are given below: The approximate location of each surface feature relative to the site is shown on Figure 3.

Type of Feature	Feature ID	Distance (feet) <sup>1</sup>	Direction
Wetland <sup>2</sup>	WL1	913	N-Upgradient
	WL2	746	E-Crossgradient
	WL3	92	S-Downgradient/Crossgradient
	WL4	1,299	NE-Upgradient
Regulated Floodplain	RFP1	Onsite	NA
	RFP2	68	S-Downgradient/Crossgradient
	RFP3	800	S-Downgradient/Crossgradient
	RFP4	1,191	SW-Downgradient
	RFP5	1,205	SW-Downgradient
	RFP6	110	SW-Downgradient
	RFP7	136	NW-Crossgradient
	RFP8	1,086	N-Upgradient
	RFP9	1,215	NW-Crossgradient
Floodway	FW1	38	S-Downgradient/Crossgradient
	FW2	1,108	N-Upgradient
	FW3	1,219	SW-Downgradient
Water Body	WB1	204	S-Downgradient/Crossgradient
Stream	STRM1	5	E-Crossgradient
	STRM2	1,585	N-Upgradient
1 – Distance from site perin	neter to closest ed	ge of feature.	
2 – Delineated wetland area	per Pierce Count	y Wetland Inventory.	

We evaluated site conditions for the presence of geologically hazardous areas as part of our draft geotechnical engineering study of the site. As discussed in Section 4.2 of the referenced geotechnical report, the site can be classified as a liquefaction hazard area, as defined in Title 18E of the PCC.

#### PROJECT DESCRIPTION

We understand the proposed project is an industrial development consisting of several warehouse-style building and associated paved access, parking, and stormwater improvements. Site plans were not available at the time of this report.

### SUBSURFACE CONDITIONS

#### **Soils**

We explored subsurface conditions at the site by excavating 28 test pits to depths of about 8.5 to 13 feet using a track-mounted excavator. We also advanced 5 cone penetration tests (CPTs) to depths of approximately 55 to 60 feet below existing site grades. The soils observed in the test pits and as indicated by the CPT data are alluvial deposits generally consisting of interbedded layers of loose to medium dense silt, fine sand, silty fine sand, and fine sandy silt. Detailed descriptions of the conditions observed in the test pits are presented on the Test Pit Logs in Appendix A. The approximate test pit and CPT locations are shown on Figure 4.

The Geologic Map of the Tacoma 1:100,000-scale Quadrangle, Washington by J. E. Schuster, A. A. Cabibbo, J. F. Schilter, and I.J. Hubert (2015) shows the site mapped as Holocene Alluvium (Qa). The native soils observed in our subsurface explorations are generally consistent with this geologic map unit. The referenced geologic map is attached as Figure 5.

### **Groundwater**

Wet soils indicative of groundwater saturation were encountered in the test pits below depths of approximately five to nine feet below existing site grades. Porewater pressure dissipation testing at CPT-1, CPT-3, and CPT-101 indicated static water levels at 5.3 feet, 7.7 feet, and 6.3 feet below existing grades, respectively. The depths to groundwater at the site will fluctuate on a seasonal basis with maximum levels occurring during the wet winter months and spring months. We expect that the groundwater conditions observed in our test pits and CPT dissipation testing from the months of June 2021, July 2021, and June 2022 represent the seasonal low groundwater elevations. The groundwater conditions observed in the test pits excavated during January and March of 2019 are likely more representative of seasonal high groundwater levels.

Based on the site's topography and the locations of the test pits and CPTs, the inferred groundwater levels show an apparent southwestern flow direction. This concurs with the northwestern-flowing Puyallup River located approximately 885 feet southwest of the site and the regional topography descending to the south and southwest.

### **Hydrogeology**

Based on our study, three groundwater regimes are present in the site vicinity. These include a relatively shallow water table aquifer, a confined sand to silty sand aquifer underlying about 24 to 92 feet of soils described as silty sand, silt, and clay, and a confined sand and gravel aquifer underlying about 46 to 210 feet of soils described as silty sand, sandy silt, clay, clay and silt. The documented water wells located within 1,300 feet of the site are completed within a sand and gravel aquifer at depths ranging from approximately 94 to 283 feet below existing grades.

#### WATER WELL REVIEW

We reviewed well log records available on the Washington State Department of Ecology (DOE) Well Report Viewer website (<a href="https://fortress.wa.gov/ecy/wellconstruction/map/WCLSWebMap/default.aspx">https://fortress.wa.gov/ecy/wellconstruction/map/WCLSWebMap/default.aspx</a>) for existing water wells located in the site vicinity. Our research of the DOE database identified eleven domestic water well potentially located within a 1,300 foot radius from the site. The approximate locations of the seven documented wells relative to the subject site are shown on Figure 7. The well details and driller's log are attached as Appendix B. Brief summaries of the seven wells identified in the DOE database search are given below:

## 1. Kindel Well (SE ¼ of SE ¼ of Section 17, Township 20N, Range 4E):

Located approximately 400 feet northeast and apparently upgradient from the subject site. The well address is given as 4521 North Freeman Road. The well is screened in silty sand deposits between depths of 111 feet and 115 feet. The aquifer is overlain by at least 90 feet of soil described as sandy clay and clay. The measured static water level in the well is at a depth of 2.6 feet.

## 2. Fletcher Well (SW ¼ of SE ¼ of Section 17, Township 20N, Range 4E):

Located approximately 885 feet west and apparently crossgradient from the subject site. The well address is given as 7909 – 48th Street East. The well is screened in medium sand deposits between depths of 95 and 100 feet. The aquifer is overlain by at least 92 feet of soil described as silty clay, silty fine sand, silt and clay, and silt. The measured static water level in the well is at a depth of 4.92 feet.

## 3. Hoeks Well (NW ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

Located approximately 260 feet west and apparently crossgradient from the subject site. The well address is given as 4802 Freeman Road East. The well is screened in fine to medium sand deposits between depths of 108 feet and 118 feet. The aquifer is overlain by at least 30 feet of soil described as silty sand. The measured static water level in the well is at a depth of 10 feet.

## 4. Winslow Well (NW ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

Located approximately 170 feet west and apparently crossgradient from the subject site. The well address is given as 4812 Freeman Road East. The well is screened in sand with silt deposits between depths of 110 feet and 115 feet. The aquifer is overlain by at least 37 feet of soil described as clay fine sand and fine silty sand. The measured static water level in the well is at a depth of 14 feet.

### 5. Sessler Well (SE ¼ of SE ¼ of Section 17, Township 20N, Range 4E):

Located on the subject site. The well address at the time of installation is given as 4723 Freeman Road. However, further investigation indicates the current address of the well location is 2303 N Freeman Rd. The well is screened in coarse sand deposits between depths of 106 feet and 111 feet. The aquifer is overlain by at least 80 feet of soil described as silty fine sand, silty sand, and silt. The measured static water level in the well is at a depth of 7.83 feet.

## 6. Lyons Well (NE ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

Located approximately 60 feet east and apparently crossgradient from the subject site. The well address at the time of installation is given as 8315 49th Street East. However, further investigation indicates the current address of the well location is 1809 - 22nd Avenue Northwest. The well is screened in sand deposits between depths of 129 feet and 134 feet. The aquifer is overlain by at least 81 feet of soil described as silt and sand layered, and silt. The measured static water level in the well is at a depth of 13.7 feet.

## 7. Woods Well (NW ¼ of NE¼ of Section 20, Township 20N, Range 4E):

Located approximately 515 feet west and apparently crossgradient from the subject site. The well address is given as 8009 - 50th Street East. The well is screened in silty sand and gravel deposits between depths of 94.2 feet and 98.7 feet. The aquifer is overlain by at least 36 feet of soil described as silty sand. The measured static water level in the well is at a depth of 11.4 feet.

# 8. Schaaf Well (NW 1/4 of NE 1/4 of Section 20, Township 20N, Range 4E):

Located approximately 395 feet west and apparently crossgradient from the subject site. The well address is given as 5013 – 80th Avenue Court East. The well is screened in silty sand deposits between depths of 273 feet and 283 feet. The aquifer is overlain by at least 124 feet of soil described as silty sand, sandy silt, clay, and clay and silt. The measured static water level in the well is at a depth of 69 feet.

### 9. L Blodgett Well (NW ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

Located approximately 320 feet west and apparently crossgradient from the subject site. The well address is given as 5110 Freeman Road East. The well is screened in silty sand deposits between depths of 107 feet and 111 feet. The aquifer is overlain by at least 24 feet of soil described as silty sand and silty sand, some gravel. The measured static water level in the well is at a depth of 12 feet.

### 10. M Blodgett Well (NW ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

Located approximately 220 feet west and apparently crossgradient from the subject site. The well address is given as 8105 - 52nd Street East. The well is finished at a depth of 275 feet in soils described as sand and gravel. The aquifer is overlain by at least 210 feet of soil described as silty sand, silty clay, and sand and clay. The measured static water level in the well is at a depth of zero feet with artesian flow controlled by a cap valve.

### 11. Schenk Well (SE ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

Located approximately 300 feet east and apparently crossgradient from the subject site. The well address at the time of installation is given as 5112 85th Avenue East. However, further investigation indicates the current address of the well location is 1703 – 19th Avenue Northwest. The well is screened in sand and gravel deposits between depths of approximately 241 feet and 246.5 feet. The aquifer is overlain by at least 27 feet of soil described as fine silty heaving sands and wood which are overlain by at least 46 feet of soil described as clay and heaving sands with layers of clay and of wood. The measured static water level in the well is at a depth of five feet below grade.

As discussed, the site is located within the 1-year, 5-year, and 10-year time-of-travel zones of Group A water systems identified as Eggimann-664 and the Schenk Water System, as well as by the 10-year time-of-travel zone of the Group A water system identified as Cherrywood Mobile Home Manor. The site is also overlain by the TOT zone for the Group B water system identified as the Hayes Water System. The wells associated with the associated TOT zones of these systems are described below. The well details and driller's logs are included in Appendix B.

## Eggiman-664

## Source No. 1 – Well 1 (WSDOE ID AKB306) ((NW ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

The system is identified as the same well named above as the Schaaf Well and is located approximately 395 feet west and apparently crossgradient from the subject site. The street address of well is 5013 - 80th Avenue Court East. The well is screened in silty sand deposits between depths of 273 feet and 283 feet. The aquifer is overlain by at least 124 feet of soil described as silty sand, sandy silt, clay, and clay and silt. The measured static water level in the well is at a depth of 69 feet.

## Schenk Water System

## Source No. 1 – Well 1 (WSDOE ID ACV549) (SE ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

The system is identified as the same well named above as the Schenk Well and is located approximately 300 feet east and apparently crossgradient from the site. The well is screened in sand and gravel deposits between depths of approximately 241 feet and 246.5 feet. The aquifer is overlain by at least 27 feet of soil described as fine silty heaving sands and wood which are overlain by at least 46 feet of soil described as clay and heaving sands with layers of clay and of wood. The measured static water level in the well is at a depth of 5 feet below grade.

## Cherrywood Mobile Home Manor

## Source No. 1 – Well 1 (WSDOE ID ACN796) (SE ¼ of NE ¼ of Section 17, Township 20N, Range 4E):

Located approximately 1,780 feet northeast and apparently upgradient from the subject site. The well is screened in sand and gravel deposits between depths of 245 feet and 255 feet. The aquifer is overlain by an unknown height of soil described as clay overlain by unlogged soils. The measured static water level in the well is at a depth of two feet below grade.

## Hayes Water System

# Source No. 1 – Well 1 (No WSDOE ID) (NW ¼ of NE ¼ of Section 20, Township 20N, Range 4E):

The system is identified as the same well named above as the M. Blodgitt Well and is located approximately 220 feet west and apparently crossgradient from the subject site. The well is finished at a depth of 275 feet in soils described as sand and gravel. The aquifer is overlain by at least 210 feet of soil described as silty sand, silty clay, and sand and clay. The measured static water level in the well is at a depth of zero feet.

### WELL WATER QUALITY REVIEW

We researched available water quality data for the 11 wells located within 1,300 feet of the site using the Washington State Department of Health, Office of Drinking Water (ODW) interactive web site (<a href="https://fortress.wa.gov/doh/eh/portal/odw/si/FindWaterSystem.aspx">https://fortress.wa.gov/doh/eh/portal/odw/si/FindWaterSystem.aspx</a>). Water quality data exists for the four Group A and Group B well systems. The results of water quality monitoring of each well are summarized below. The well water quality data is attached in Appendix C.

# Well No. 8 – Schaaf Well/Eggiman-664 System

Elevated concentrations of secondary MCL constituents iron, manganese, and/or mercury were detected in sampling of the source well on May 2, 1978, March 16, 1982, January 21, 1985, November 5, 1987, June 11, 1992, July 6, 1995, August 17, 1998, and August 20, 2019. Total coliform was present in samples collected from the water distribution system on September 15, 1997, September 24, 1997, February 17, 2017, and October 12, 2021. No exceedances of drinking water standards have been reported since October 21, 2021.

## Well No. 10 – M Blodgett Well/Hayes Water System

Elevated concentrations of secondary MCL constituents iron and manganese were detected in the initial sampling of the source well on July 24, 1990. Total coliform was present in samples collected from the water distribution system on September 16, 1996, September 24, 1996, April 17, 2019, and April 25, 2019. No exceedances of drinking water standards have been reported since April 25, 2019.

## Well No. 11 – Schenk Well/Schenk Water System

Elevated concentrations of secondary MCL constituents iron and/or manganese were detected in sampling of the source well on June 8, 1989, May 2, 2001, May 5, 2004, October 10, 2019, and May 23, 2022. Total coliform was present in samples collected from the water distribution system on January 4, 2012. No exceedances of drinking water standards have been reported since May 23, 2022.

### Cherrywood Mobile Home Manor

Elevated concentrations of secondary MCL constituents iron, manganese, and/or arsenic were detected in sampling of the source well on September 13, 1979, June 22, 1982, March 2, 1983, August 9, 1983, August 24, 1983, August 31, 1983, September 29, 1986, and July 5, 2019. Total coliform was present in samples collected from the water distribution system on January 15, 1996, June 12, 1997, June 16, 1997, February 13, 1998, July 13, 1998, April 12, 1999, February 14, 2000, and October 1, 2019. No exceedances of drinking water standards have been reported since October 1, 2019.

#### **DISCUSSION**

Based on our study, 11 domestic water wells are located within 1,300 feet of the subject site, with 1 of the 11 wells located on the subject site. All of the wells are finished in sand and gravel to silty sand deposits underlying approximately 24 to 210 feet of soils described as silty sand, sandy silt, clay, clay and silt. Our review of the well logs for the Eggiman-664 well, the Schenk Water System well, the Hayes Water System well, and the Cherrywood Mobile Home Manor well, located approximately 395 feet, 300 feet, 220 feet, and 1,780 feet from the site, respectively, indicate the wells are completed in aquifers protected from the ground surface by aquitards consisting of approximately 46 to 210 feet of soil described as silty sand, sandy silt, clay, clay and silt.

As discussed, the site is generally flat with the regional vicinity sloping to the south and southwest. Based on their crossgradient locations relative to the site, the Group A Eggiman-664 and Schenk Water System wells, and the Group B Hayes Water system well, would not be impacted by surface drainage from the site. The Group A Cherrywood Mobile Home Manor well is located upgradient of the site, and therefore would also not be impacted by surface drainage for the subject site.

In our opinion, very little recharge to the lower aquifers occurs as a result of direct rainfall and percolation on the subject site. Rainfall that does not runoff and percolates into the more-permeable, near-surface weathered soils will become perched on the underlying interbedded alluvial silt soils. Because of the low permeability of the silt material and deeper clay, the perched groundwater will flow laterally along the contact and eventually discharge as seeps or springs at lower elevations if not intercepted by existing development improvements. This lateral flow and discharge is the preferred flow path as continued vertical migration through the impermeable silt and clay material is restricted. Conservatively, we estimate that it would take about 10 years for water to migrate through 100 feet of silt and clay and locally recharge the deeper aquifers. In our opinion, it is likely that much of this water would be consumed by evapotranspiration during the dry summer months before having any opportunity to recharge the deeper aquifer below the site.

## **Potential Impacts to Site Groundwater**

As discussed, wetlands, regulated floodplains, floodways, and water bodies exist on site and/or at locations downgradient from the site. It is our opinion that the primary contributor to the water features identified on Figure 3 as WL3 and WB1 are seasonal fluctuations in the nearby Puyallup River as opposed to surficial runoff and/or subsurface interflow from upgradient sources given the topographic location of these features relative to the site and the Puyallup River.

In our opinion, the potential for adverse impacts to the site and surrounding areas resulting from erosion and sedimentation during construction would be adequately mitigated with proper implementation and maintenance of BMPs for erosion prevention and sedimentation control outlined in the project construction stormwater pollution prevention plan (SWPPP).

In our opinion, potential hazards associated with the use of equipment fuels and lubricants at the site during construction would be adequately mitigated with proper implementation and maintenance of BMPs for spill prevention and recovery of hazardous materials during construction outlined in the project SWPPP.

Potential post-development impacts to groundwater at the site would be in the form of trace petroleum hydrocarbons and trace metals from roadway and parking area runoff, and typical landscape products in the form of fertilizers, pesticides, and other landscaping chemicals. Because the proposed development is for commercial office/warehouse use, it is not expected that any deleterious substances and hazardous materials used by site maintenance and landscape subcontractors would be stored on site or used in significant amounts. In our opinion, specific recommendations for storage or handling of typical volumes of these materials for landscape and maintenance purposes, in typical volumes, is not warranted. Additionally, trace petroleum products and many common pesticides are readily degradable in the natural environment when dilute, and metals and pesticides are typically filtered by sorption in the upper portion of the soil column.

We trust the information presented is sufficient for your current needs. If you have any questions or require additional information, please call.

Sincerely yours,

TERRA ASSOCIATES, INC.

Michael J. Xenos, E.I.T.

John C Ladle

Staff Engineer

John C, Sadler, L.E.G., L.H.G.

roject Manager/Senior Engineering Geologist

Carolyn S. Decker, P.E.

President

STERRIFE Wellhead Protection Zones Map

Figure 2 Vicinity Map

Figure 3 – Other Critical Areas Map

Figure 4 – Exploration Location Plan

Figure 5 – Surficial Geologic Map

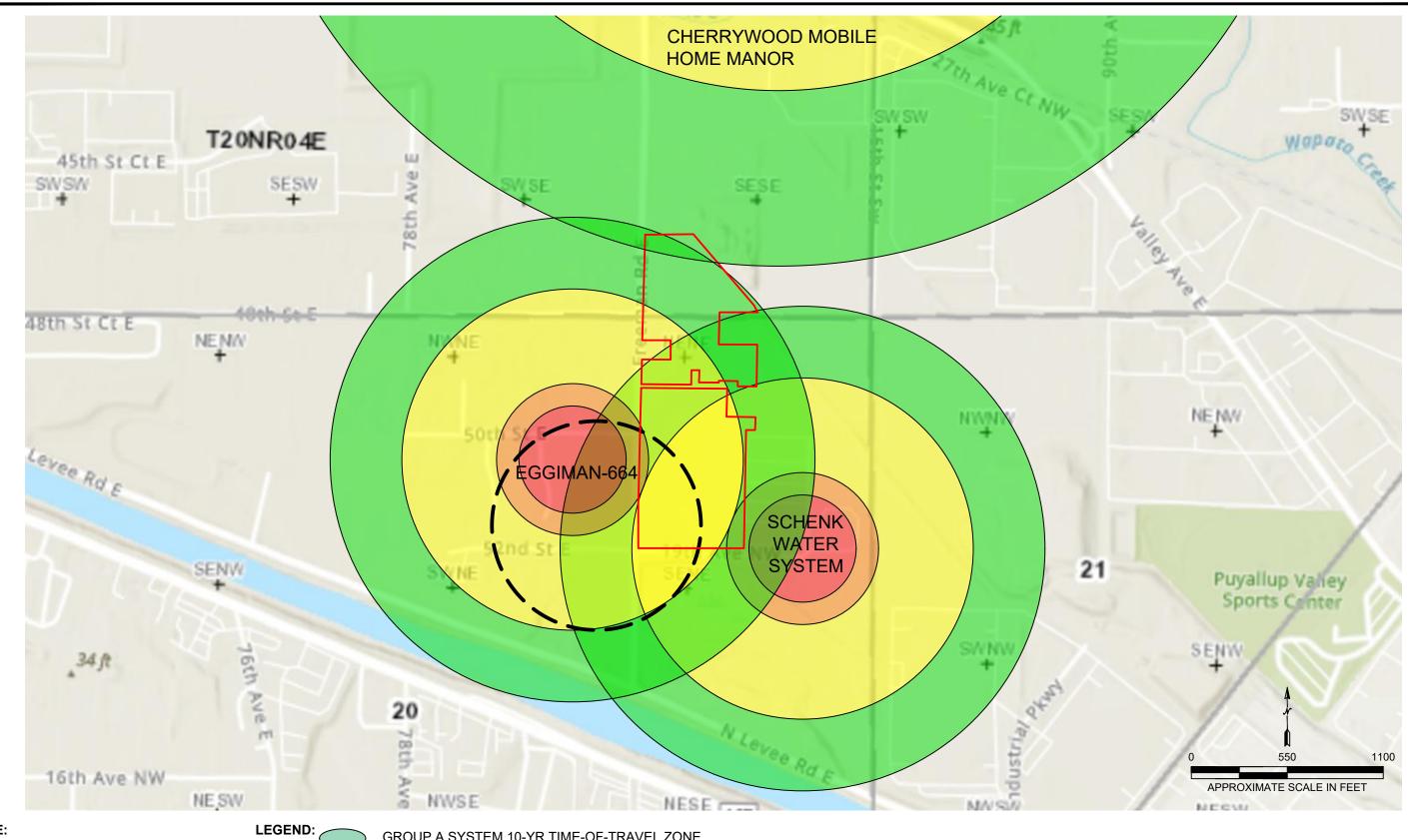
Figure 6 – WSDOE Well Location Map

Appendix A – Test Pit and CPT Logs

Appendix B – DOE Well Details and Driller's Logs

9-12-2022

Appendix C - Well Water Quality Data



### NOTE:

THIS SITE PLAN IS SCHEMATIC. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE. IT IS INTENDED FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR DESIGN OR CONSTRUCTION PURPOSES.

### **REFERENCE:**

WSDOH SWAP (AUGUST 2022)

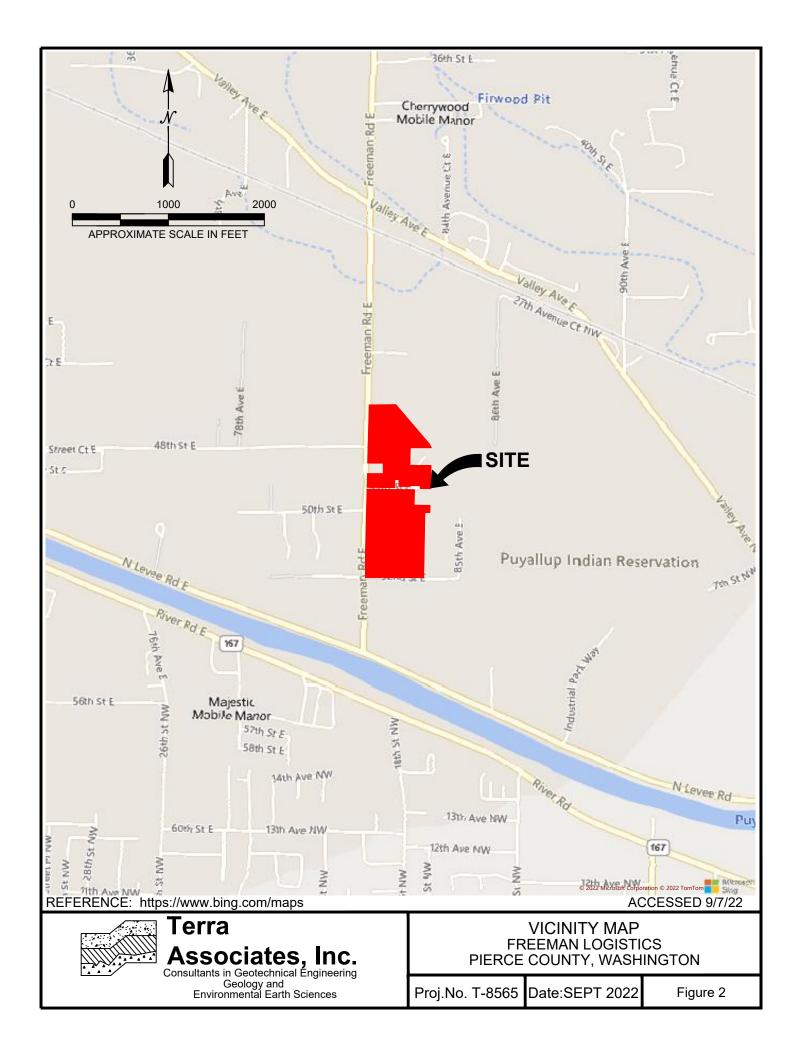
GROUP A SYSTEM 10-YR TIME-OF-TRAVEL ZONE GROUP A SYSTEM 5-YR TIME-OF-TRAVEL ZONE GROUP A SYSTEM 1-YR TIME-OF-TRAVEL ZONE GROUP A SYSTEM 6-MONTH TIME-OF-TRAVEL ZONE HAYES WATER SYSTEM

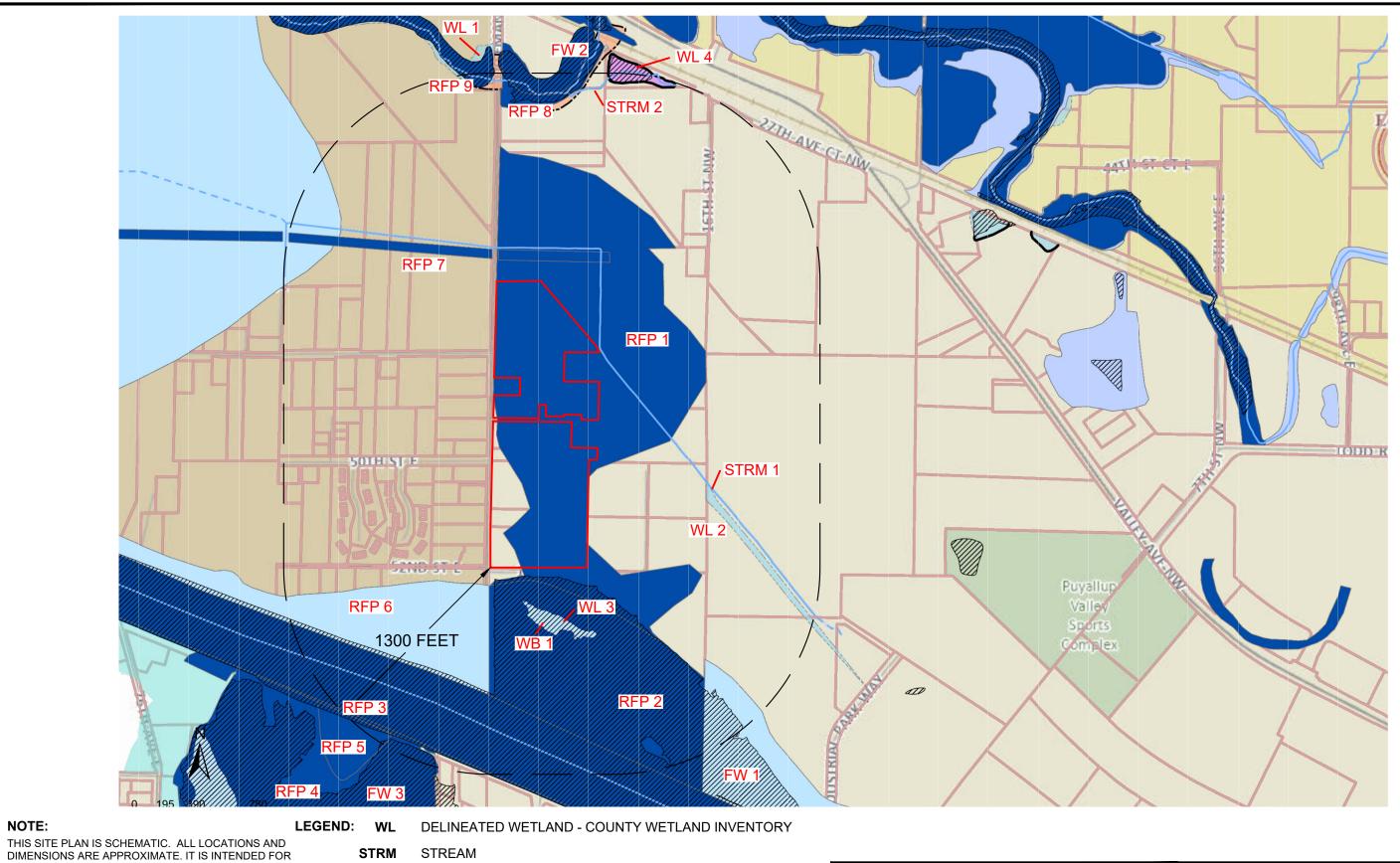


WELLHEAD PROTECTION ZONES MAP FREEMAN LOGISTICS PIERCE COUNTY, WASHINGTON

Proj.No. T-8565 Date:SEPT 2022

Figure 1





NOTE:

REFERENCE ONLY AND SHOULD NOT BE USED FOR DESIGN OR CONSTRUCTION PURPOSES.

RFP REGULATED FLOODPLAIN

REFERENCE:

PIERCE COUNTY PUBLIC GIS

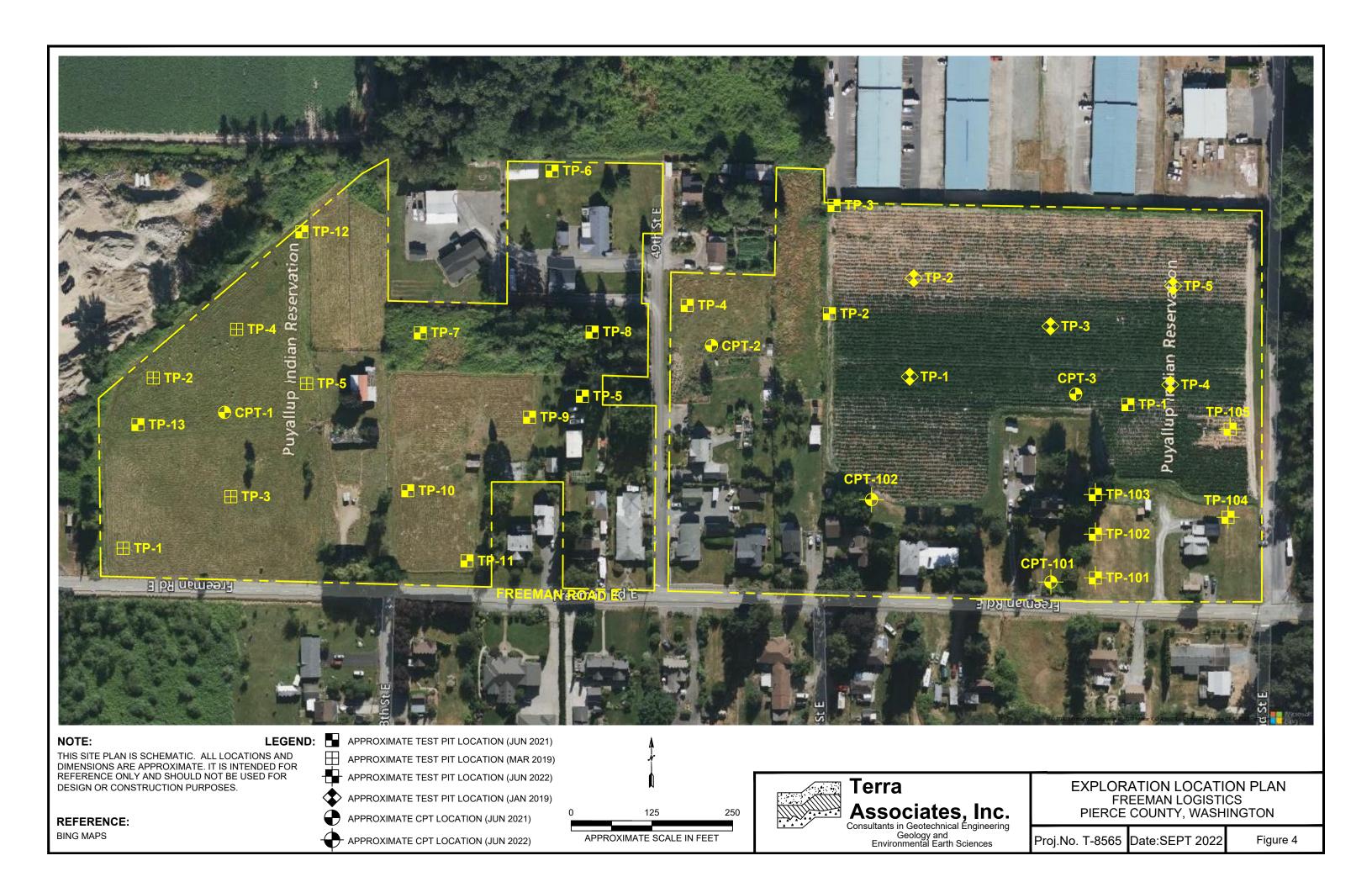
FW FLOODWAY 600 1200 WB WATER BODY APPROXIMATE SCALE IN FEET

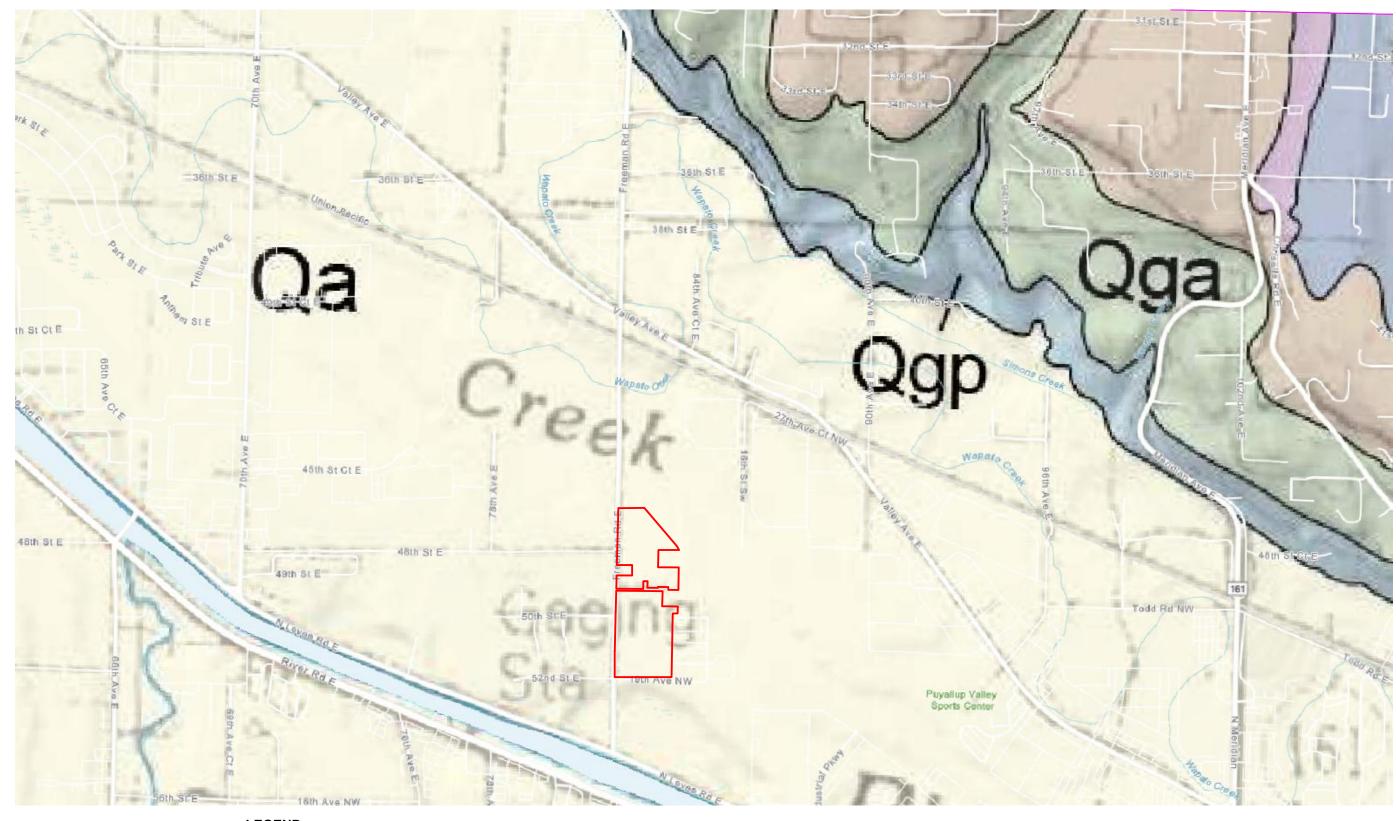


OTHER CRITICAL AREAS MAP FREEMAN LOGISTICS PIERCE COUNTY, WASHINGTON

Proj.No. T-8565 Date:SEPT 2022

Figure 3





NOTE:

LEGEND:

THIS SITE PLAN IS SCHEMATIC. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE. IT IS INTENDED FOR REFERENCE ONLY AND SHOULD NOT BE USED FOR DESIGN OR CONSTRUCTION PURPOSES.

Qa - ALLUVIUM (HOLOCENE) Qga - ADVANCED OUTWASH Qgp - PRE-FRASER CONTINENTAL GLACIAL DRIFT

**REFERENCE:** GEOLOGIC MAP OF THE TACOMA 1:100,000-SCALE QUADRANGLE, WASHINGTON, BY J.E. SCHUSTERM A.A CABIBBO, J.F. SCHILTER, AND I.J. HUBERT (2015)

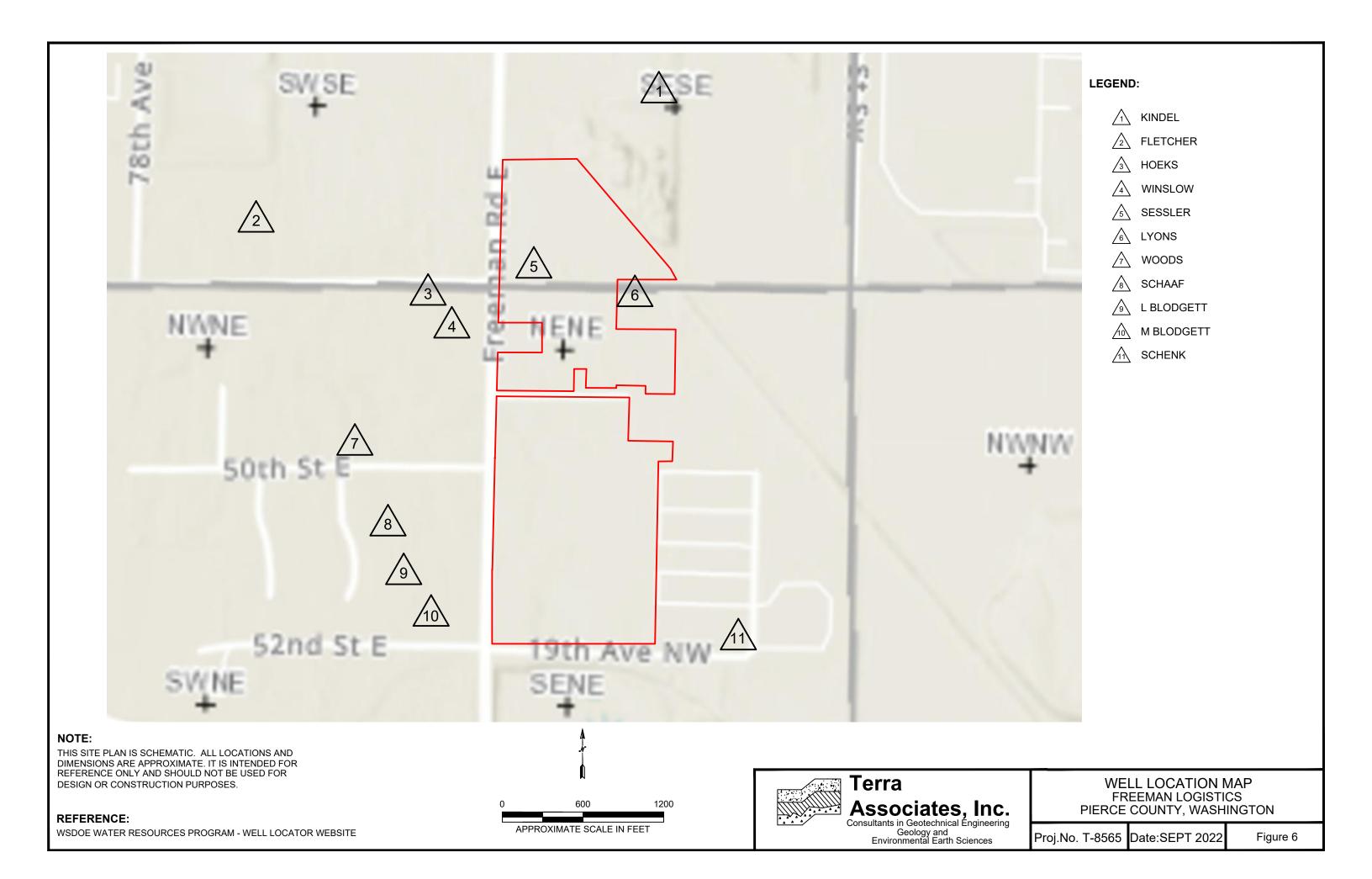




SURFICIAL GEOLOGIC MAP FREEMAN LOGISTICS PIERCE COUNTY, WASHINGTON

Proj.No. T-8565 Date:SEPT 2022

Figure 5



# APPENDIX A TEST PIT AND CPT LOGS

	PR	OJECT NAME: Grelis Property PROJ. NO: T-8089 LOGGE	ED BY: EHE	_
	LO	CATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPRO	DX. ELEV: <u>N/ A</u>	
	DA	TE LOGGED: January 10, 2019 DEPTH TO GROUNDWATER: 7 Feet DEPTH TO CAV	/ING: 9Feet	
Denth (#)	Sample No.	Description	Consistency/ Relative Density	(%) M
0	T	(TOPSOIL and ORGANIC DEBRIS)		
1	1	Brown sandy SILT to silty SAND with minor organics and rooting, moist. (ML-SM)	Loose	
2	1			
3	-	Gray to brown sandy SILT to silty SAND with heavy orange to red-brown mottling. (ML-		
4	-	SM)		
5	-			
6	+		Medium Dense	
▼ 7	-	Gray silty SAND to sandy SILT with some light orange mottling. (SM-ML)		31.5
8	-			01.0
9	$\dashv$			
10	-	Test pit terminated at approximately 10 feet.		
11	-	Light groundwater seepage observed at 7 feet.		
12	-			
13	-			
14				
15				

 ${\tt NOTE: This \ subsurface \ information \ pertains \ only \ to \ this \ test \ pit \ location \ and \ should \ not \ be \ interpreted \ as \ being \ indicative \ of \ other \ locations \ at \ the \ site.}$ 



	PROJECT NAME: Grelis Property PROJ. NO: T-8089 LOGGED BY: EHE							
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPROX. ELEV: N// A							
	DAT	TE LOGGED: January 10, 2019 DEPTH TO GROUNDWATER: 6 Feet	tDEPT	H TO CA	/ING: <u>8.5 Feet</u>			
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	W (%)		
0-		(TOPSOIL and ORGANIC DEBRIS)						
1-		Gray-brown silty SAND to sandy SILT with minor organics and ro	oting, moist. (SM	' M-ML)	Loose			
2-								
3-		Gray to brown silty SAND to sandy SILT with some clay and heav	vy orange to red	brown				
4-		mottling, moist to wet. (SM-ML)	,					
5-								
<b>▼</b> 6-					Medium Dense			
7-		Gray silty SAND to sandy SILT, wet to saturated. (ML-SM)						
8-						27.7		
9		Test pit terminated at approximately 9 feet.						
10 –		Moderate to heavy groundwater seepage observed at 6 feet. Heavy caving at 8.5 feet.						
11 –								
12								
13								
14-								
15_								



	PROJECT NAME: Grelis Property PROJ. NO: T-8089 LOGGED BY: EHE								
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPROX. ELEV: N/A								
	DAT	E LOGGED: January 10, 2019 DEPTH TO GROUNDWATER: N/A DEPTH TO	CAVING: 9.5 Feet						
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M					
0-		(TOPSOIL and ORGANIC DEBRIS)							
1-	9	Gray to brown silty SAND to sandy SILT with minor organics and rooting, moist. (SM-ML)							
2-	2		Loose						
3-	5								
4-		Gray to brown silty SAND to sandy SILT with heavy orange to red-brown mottling and							
5-		occasional clay lenses, moist. (SM-ML)							
6-									
7-		Gray silty SAND, moist to wet. (SM)	Medium Dense	25.1					
8-									
9—									
10 —		Test pit terminated at approximately 10 feet.  No groundwater seepage observed.							
11 —		g. ca. a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.a.							
12 —									
13 —									
14 —									
15 —									



	PRC	DJECT NAME: Grelis Property PROJ. NO: T-8089 LOG	GED BY: EHE	
	LOC	CATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APP	ROX. ELEV: N/A	_
	DAT	E LOGGED: January 10, 2019 DEPTH TO GROUNDWATER: 8.75 Feet DEPTH TO CA	AVING: 9 Feet	
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M
0-		(TOPSOIL and ORGANIC DEBRIS)	Loose	
1-		Gray to brown silty SAND to sandy SILT with minor organics and rooting, moist. (SM-ML)	Loose to Medium Dense	
3-		Gray to brown silty SAND to sandy SILT with variable (trace to some) clay and heavy orange to red-brown mottling, moist. (SM-ML)		
5-			Loose	
6- 7- 8-		Gray SILT with clay and light orange mottling and a 0.5-foot pocket of woody debris, moist to wet. (ML)		50.1
<b>▼</b> 9-			Soft	
10 —		Test pit terminated at approximately 10 feet.		
11 —		Light groundwater seepage observed at 8.75 feet.		
12 —				
13 —				
14 —				
15 —				



	PRO	JECT NAME: Grelis Property PROJ. NO: T-8089 LOGGE	ED BY: EHE					
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPROX. ELEV: N/A							
	DAT	E LOGGED: January 10, 2019 DEPTH TO GROUNDWATER: N/A DEPTH TO CAV	/ING:9 Feet					
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M				
0-		(TOPSOIL and ORGANIC DEBRIS)						
1-		Gray to brown silty SAND to sandy SILT with minor organics and rooting, moist. (SM-ML)	Loose					
2-								
3-		Gray to brown silty SAND to sandy SILT with light orange mottling. (SM-ML)						
4-								
5-		Gray silty SAND to sandy SILT with heavy orange to red-brown mottling. (SM-ML)		21.6				
6-			Medium Dense					
7-		Gray to black silty SAND, moist. (SM)						
8-				16.5				
9-								
10 —		Test pit terminated at approximately 10 feet.  No groundwater seepage observed.						
11 -		No groundwater seepage observed.						
12 —								
13 —								
14 —								
15 —								



	PRC	DJECT NAME: Sessier Parcel PROJ. NO: T-8136 LOGG	ED BY: EHE	
	LOC	ATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPR	OX. ELEV: <u>N/A</u>	— Ÿ.
	DAT	E LOGGED: March 22, 2019 DEPTH TO GROUNDWATER: 6 Feet DEPTH TO CA	VING: <u>6 Feet</u>	
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M
0-		(4 inches TOPSOIL and ORGANICS)		
1-		Tan to brown silty SAND to sandy SILT, fine to medium sand, moist, minor to moderate mottling after 3 feet, trace to some clay. (SM/ML)		
2-			Loose to Medium	24.4
3-	1		Dense	31.4
4-				
5-		Gray to brown silty SAND, fine to coarse sand, moist to wet, minor to moderate mottling.		
▼ 6-	2	(SM)	Medium Dense	36.6
7-	3	Gray-blue to gray silty SAND, fine to coarse sand, wet to saturated. (SM)		32.5
8-	3		Medium Dense to Dense	02.0
9-		Test pit terminated at approximately 9 feet.		
10 —		Minor groundwater seepage observed 6 feet. Minor caving observed between 6 and 8 feet.		
11 —				
12 —				
13 —				
14 —				
15 —				

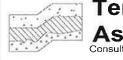


	PRC	DJECT NAME: Sessler Parcel PROJ. NO: T-8136 LOGG	ED BY: EHE				
	LOCATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPROX. ELEV: N/A						
	DAT	E LOGGED: March 22, 2019 DEPTH TO GROUNDWATER: 5 Feet DEPTH TO CAV	/ING: <u>5 Feet</u>				
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		(4 inches TOPSOIL and ORGANICS)	Loose				
1-		Tan to brown silty SAND to sandy SILT, fine to medium sand, moist, minor to moderate mottling below 2 feet, minor roots to 2 feet. (SM/ML)					
2-	1		Loose to Medium Dense	37.1			
3-							
4- ▼ 5- 6-	2	Gray to brown sandy SILT, fine to medium sand, moist to wet, minor mottling to 6.5 feet, some clay. (ML)	Medium Dense	41.0			
7 8	3	Tan to gray silty SAND, fine to coarse sand, wet to saturated. (SM)	Medium Dense to Dense	33.6			
9-							
10 —		Test pit terminated at approximately 9 feet.  Minor to moderate groundwater seepage observed between 5 and 8 feet.  Minor caving observed between 5 and 8 feet.					
11 —							
12 —							
13 —							
14 —							
15 —							



	PROJECT NAME: Sessier Parcel PROJ. NO: T-8136 LOGGED BY: EHE LOGGED BY: EHE							
	LOCATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPROX. ELEV: N/A							
	DAT	E LOGGED: March 22, 2019 DEPTH TO GROUNDWATER: 7 Feet DEPTH TO CA	VING: 7.5 Feet					
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M				
0		(4 inches TOPSOIL and ORGANICS)	Loose					
1-		Tan to brown silty SAND to sandy SILT, fine to medium sand, moist, minor to moderate mottling below 2 feet, trace to some clay. (SM/ML)						
2-								
3-	1		Loose to Medium Dense	35.8				
4-								
5-								
6-	2	Gray-blue to gray silty SAND, fine to medium sand, moist, minor mottling, some clay. (SM)	Medium Dense to Dense	47.2				
▼ 7-		Gray to tan sandy SILT with clay, fine to medium sand, moist to wet. (ML)						
8-	3	Gray-blue to gray silty SAND, fine to coarse sand, wet to saturated. (SM)	Medium Dense	23.6				
9-								
10 —		Test pit terminated at approximately 9.5 feet.  Minor groundwater seepage observed at 7 feet.						
11 —		Minor caving observed between 7.5 and 9.5 feet.						
12 —								
13 —								
14 —								
15								

NOTE: This subsurface information pertains only to this test pit location and should not be interpreted as being indicative of other locations at the site.



**Terra** Associates, Inc.
Consultants in Geotechnical Engineering
Geology and
Environmental Earth Sciences

	PRC	DJECT NAME: Sessier Parcel PROJ. NO: T-8136 LOGG	ED BY: EHE	_			
	LOCATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPROX. ELEV: N/A						
	DAT	E LOGGED: March 22, 2019 DEPTH TO GROUNDWATER: N/A DEPTH TO CA	VING; <u>N/A</u>	_			
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		(4 inches TOPSOIL and ORGANICS)					
1-		Tan to brown silty SAND to sandy SILT, fine to medium sand, moist, minor to moderate mottling below 2 feet, minor organic roots up to 2.5 feet, trace to some clay. (SM/ML)					
2-			Loose to Medium				
3-	1		Dense	34.5			
4-							
5-	2	Gray to brown silty SAND, fine to coarse sand, moist. (SM)	Medium Dense to	29.7			
6-	_	Tan to brown sandy SILT, fine to medium sand, moist, minor mottling, some clay. (ML)	Dense				
7-			Dense				
0	3	Gray-blue to gray silty SAND, fine to coarse sand, moist to wet. (SM)		26.1			
8-			Medium Dense to Dense				
9-							
10 —		Test pit terminated at approximately 10 feet.					
11 –		No groundwater seepage observed.  No caving observed.					
12 —							
13 —							
14 —							
15 _							



	PRC	DJECT NAME: Sessier Parcel PROJ. NO: T-8136 LOGG	ED BY: EHE	
	LOC	CATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPRO	OX. ELEV: <u>N/</u> A	
	DAT	TE LOGGED: March 22, 2019 DEPTH TO GROUNDWATER: 7 Feet DEPTH TO CA	VING: <u>8 Feet</u>	
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M
0-		(4 inches TOPSOIL and ORGANICS)	Loose	
1-		Tan to brown silty SAND to sandy SILT, fine to medium sand, moist, minor to moderate mottling between 2 and 5 feet, trace to some clay. (SM/ML)		
2-	1			33.2
3-			Loose to Medium Dense	
4-				
5-		Gray to brown silty SAND, fine to coarse sand, moist to wet. (SM)		
6-	2	Gray to brown sing overes, fine to coarse saine, moist to wet. (OM)		31.1
▼ 7-	3		Medium Dense	32.1
8-		Tan to brown sandy SILT, fine to medium sand, wet, some clay. (ML)		
9-	4	Gray-blue to gray silty SAND, fine to coarse sand, wet to saturated. (SM)		36.4
10 —		Test pit terminated at approximately 10 feet.		
11 —		Minor to moderate groundwater seepage from 7 to 10 feet.  Minor caving observed between 8 and 10 feet.		
12 —				
13 —				
14 —				
15 —				



	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS						
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS:	: <u>Bare</u>	APPRO	DX. ELEV: NA	_	
	DATE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH TO CAVING: NA						
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M	
0-		Brown silty SAND to sandy SILT, fine grained, moist. (SM	1/ML)				
1-	1					16.4	
2-							
3-		Gray-brown to gray SILT, moist, numerous iron-oxide sta	ined root casts. (ML)				
4-	2				Medium Dense	31.0	
5-							
6-							
7-		Dark gray-brown silty SAND to SAND with silt, fine graine	ed, moist. (SM/SP-SM)				
8-	3					20.4	
9-		Test pit terminated at 8.5 feet. No groundwater seepage.					
10 –							



PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS							
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Bare APPROX. ELEV: NA						
	DAT	TE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH TO CA	VING: <u>NA</u>				
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		Brown silty SAND to sandy SILT, fine grained, moist. (SM/ML)					
1-							
2-		Gray-brown to gray SILT, moist, numerous iron-oxide stained root casts. (ML)					
3-	100 100 100 100 100 100 100 100 100 100						
4-			Medium Dense				
5-							
6-							
7-		Interbedded gray-brown to brown SILT and dark gray-brown fine SAND, moist to wet. (ML and SP)					
20							
8-							
9-	1	Test pit terminated at 9 feet.		35.4			
10 —		No groundwater seepage.					
10 —							



PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS								
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Bare APPROX. ELEV: NA							
DATE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 8.5 ft DEPTH TO CAVING: NA								
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M				
0-		FILL: Brown SILT, dry to moist, dark brown organic layer at 2.5 feet. (ML)						
1-								
2-								
3-						Gray-brown SILT, moist, numerous iron-oxide stained root casts. (ML)		
4-	1	Orange-brown silty SAND to sandy SILT, fine sand, moist. (SM/ML)		34.9				
5-	2		Medium Dense	5.7				
3		Dark gray-brown SAND, fine to medium grained, moist (wet below 8.5 feet. (SP)		0.7				
6-								
7-								
8-								
<b>▼</b> 9-								
		Test pit terminated at 9 feet. Light groundwater seepage below 8.5 feet.						
10 —								



PROJ. NO: <u>T-8565</u> **LOGGED BY: JCS PROJECT NAME:** Freeman Logistics LOCATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPROX. ELEV: NA DATE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 7.5 ft **DEPTH TO CAVING:** NA Sample No. (%) M Consistency/ Depth (ft) Description Relative Density 0 3 inches Sod and Topsoil. Brown SILT, dry to moist. (ML) 1-2-Dark gray-brown SAND, fine grained, moist. (SP) 6.8 1 3 Gray-brown SILT, moist, mottled. (ML) 37.5 2 4-Medium Dense 5-Interbedded dark gray SILT and dark gray-brown fine SAND, moist to wet. (ML and SP) 6-7  $\blacksquare$ 8-9-Test pit terminated at 9 feet. Light groundwater seepage below 7.5 feet. 10



Figure A-15

	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS						
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Bare APPROX. ELEV: NA						
	DATE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH TO CAVING: NA						
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		Brown to gray-brown SILT, moist, mottled below 3.5 feet. (ML)					
1=							
2-							
3-							
4-			Medium Dense				
5—	1	Dark gray-brown silty SAND, fine grained, moist. (SM)		28			
6-	=						
7-							
8-	2	Gray SILT, wet. (ML)	Loose to Medium Dense	36.9			
9-	_	Test pit terminated at 9 feet.					
40		No groundwater seepage.	II				
10 —							



Figure A-16

PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGEI			ED BY: JCS				
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Grass Lawn APPROX. ELEV: NA						
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH TO CA	/ING: <u>NA</u>				
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		2 inches Sod and Topsoil.					
1-		Brown to gray-brown SILT, moist, scattered mottling. (ML)					
2-							
3-		Dark gray-brown SAND, fine grained, moist. (SP)					
4-							
5-		Gray-brown silty SAND to sandy SILT, fine sand, moist to wet. (SM/ML)	Medium Dense				
6-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
7-		Gray SILT to sandy SILT, fine sand, moist to wet. (ML)					
8-							
9-	Č.						
10 —		Tesst pit terminated at 9.5 feet. No groundwater seepage.					



Figure A-17

	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS						
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Grasses/Brush APPROX. ELEV: NA						
	ı	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 8 ft DEPTH TO CAN	/ING: <u>NA</u>	_		
4-6	Depin (π)	Sample No.	Description	Consistency/ Relative Density	(%) M		
	7		4 inches Sod and Topsoil.				
	1-		Brown to gray-brown SILT, moist. (ML)				
:	2-						
;	3-		Gray-brown SAND with silt to silty SAND, fine grained, moist. (SP-SM/SM)				
	4-	1	Overa hazare to great CUT projet positioned iron evide steined position (MI)	Medium Dense	32.9		
į	5-		Gray-brown to gray SILT, moist, scattered iron-oxide stained pockets. (ML)		]		
(	5-						
-	7-						
▼ ;			Dark gray-brown SAND, fine grained, wet. (SP)				
	9-		Test pit terminated at 9 feet. Light groundwater seepage below 8 feet.				
10	ia i						



Figure A-18

PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS							
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Brush APPROX. ELEV: NA						
	DATE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH TO CAVING: NA						
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		6 inches Sod and Topsoil.					
1-		Brown to gray-brown SILT, moist, scattered mottling, scattered dark gray fine sand layers. (ML)					
	1			19.1			
2-							
3-			Medium Dense				
4-			Wedium Dense				
33.0							
5-							
6-	2						
		Gray SILT, wet. (ML)					
7-		Gray GILT, Wet. (WL)					
8-			Loose				
9-	2	Test pit terminated at 9 feet. No groundwater seepage.		35.8			
10 —							



PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS						
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPROX. ELEV: NA					
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 7 ft DEPTH TO CAV	/ING:NA			
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	W (%)		
0-		4 inches Sod and Topsoil.				
1-		Brown to gray-brown SILT, dry to moist, scattered mottling. (ML)				
2-						
3-						
4 5	1	Gray-brown SILT, moist, significant iron-oxide staining. (ML)	Medium Dense	41.7		
6-		Dark gray SAND, fine grained, moist. (SP)				
▼ 7-	2			27.9		
8-						
9-		Test pit terminated at 9 feet. Light groundwater seepage below 7 feet.				
10 —						



Figure A-20

	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGE			ED BY: JCS		
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPROX. ELEV: NA					
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA	DEPTH TO CAV	/ING: <u>NA</u>		
Depth (ft)	Sample No.	Description		Consistency/ Relative Density	(%) M	
0-		Alicabes Cod and Tongoli				
1-		4 inches Sod and Topsoil.  Brown to gray-brown SILT, dry to moist, scattered mottling. (ML)				
2-						
3-	e e			Medium Dense		
4-		Gray-brown SILT, moist, significant iron-oxide staining. (ML)				
5-			,			
6-		Gray-brown to gray SILT, wet, scattered dark gray-brown fine sand layers	s. (ML)			
7-				Loose to Medium Dense		
8-						
9-		Test pit terminated at 9 feet. No groundwater seepage.				
10						



	PRO	JECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGG	ED BY: JCS	
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPRO	OX. ELEV: <u>NA</u>	_
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH TO CAN	/ING:NA	
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M
0-		Brown to gray-brown SILT, dry to moist, mottled below 1.5 feet. (ML)		
1-				
2-				
3-				
4-		Interbedded gray-brown SILT and dark gray-brown fine SAND, moist. (ML and SP)	Medium Dense	
5-				
6-		Dark gray SAND, fine grained, moist to wet, scattered dark gray silty fine sand layers. (SP)		
7-				
8-				
9-		Test pit terminated at 9 feet. No groundwater seepage.		
10 —				



	PRC	DJECT NAME: Freeman Logistics	_ PROJ. NO: <u>T</u>	-8565 LOGG	ED BY: JCS	_
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS	: Grasses	APPRO	OX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATE	R: <u>NA</u>	DEPTH TO CA	/ING: <u>NA</u>	
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M
0-		3 inches Sod and Topsoil.				
1-		Brown to gray-brown SILT, dry to moist, mottled below 2	feet. (ML)			
2-						
- I						
3-		Interbedded gray SILT and dark gray-brown fine SAND,	moist to wet. (M	L and SP)		
4-						
5-					Medium Dense	
,						
6-	1	Dark gray SAND, fine grained, moist to wet, scattered da	rk gray silty fine	sand layers.		30.2
7.—						
8-						
8-						
9-		Test pit terminated at 9 feet.				
10 _		No groundwater seepage.				
				Torra		



PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOG	GED BY: JCS			
LOCATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPROX. ELEV: NA				
DATE LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 8 ft DEPTH TO CA	AVING:NA	=		
Sample No.  Description	Consistency/ Relative Density	(%) M		
3 inches Sod and Topsoil.				
Brown to gray-brown SILT, dry to moist, mottled below 2 feet. (ML)				
2-				
Interbedded gray SILT and dark gray-brown fine SAND, moist to wet. (ML and SP)				
4—	Medium Dense			
Dark gray SAND, fine grained, moist to wet, scattered dark gray silty fine sand layers. (SP)				
6-				
7-				
<b>▼</b> 8−				
Test pit terminated at 9 feet. Light to moderate groundwater seepage below 8 feet				
10	(i.l.)			



	PRO	DJECT NAME: Freeman Logistics PRO	OJ. NO: <u>T-8565</u>	LOGGI	ED BY:SLK	
	LOC	CATION: Pierce County, Washington SURFACE CONDITIONS: Long	Grass	_ APPRO	<b>DX. ELEV</b> : <u>N/A</u>	
	DAT	E LOGGED: June 22, 2022 DEPTH TO GROUNDWATER: N/A	DEP1	TH TO CAV	/ING:7 to 12 feet	
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M
0_		Black SILT with sand, fine sand, moist, moderate organic inclus	sions. (ML) (Tops	oil)	Loose	
2-		Brown silty SAND, fine to medim sand, moist. (SM)				7.4
3- 4-		Grayish-brown silty SAND/sandy SILT, wet, slightly mottled. (S	 BM/ML)		Medium Dense	31.6
5— 6—						
7-		Brown sandy SILT/silty SAND, wet, fine sand, very minor peat	inclusions. (SP)			
8-						39.0
9-					Loose/Medium Dense	
10 — 11 —						
12 –						30.7
13 —		Test pit terminated at 12 feet. No groundwater seepage observed. Moderate caving observed from 7 to 12 feet.				
14 -						



	PRC	JECT NAME: Freeman Logistics	PI	ROJ. NO: <u>T-8565</u>	LOGGE	ED BY:SLK	
	LOC	ATION: Pierce County, Washington	_ SURFACE CONDITIONS: Lon	g Grass	APPRO	OX. ELEV: N/A	
	DAT	E LOGGED: June 22, 2022	DEPTH TO GROUNDWATER: N	/A DEP	TH TO CAV	/ING: <u>7 to 12 feet</u>	
Depth (ft)	Sample No.		Description			Consistency/ Relative Density	(%) M
0_		(10 inches Topsoil) Brown silty SAND, fine to med	um sand, moist, scattered orga	anics. (SM)		Loose	
3-		Bedded layers of grayish-brow	 n and red/orange silty SAND a		 e sand.		20.0
4- 5-		moist, heavily mottled. (SM/M		,	,	Medium Dense	34.8
6- 7-							30.3
8- 9- 10-	-	Brown sandy SILT/silty SAND,	fine sand, moist, some mottling	g. (ML/SM)		Loose/Medium Dense	29.8
11 – 12 – 13 –	-	Gray silty SAND/sandy SILT, fi		ted. (SM/ML)		Medium Dense/Dense	31.9
14 - 15 -		No groundwater seepage obse Moderate caving observed from					

Terra Associates, Inc.
Consultants in Geotechnical Engineering
Geology and
Environmental Earth Sciences

	PRO	DJECT NAME: Freeman Logistics	PROJ. NO: <u>T-8565</u>	LOGGI	ED BY:SLK	
	LOC	CATION: Pierce County, Washington SURFACE CONDIT	IONS: Long Grass	APPRO	<b>DX. ELEV</b> : <u>N/A</u>	
	DAT	TE LOGGED: June 22, 2022 DEPTH TO GROUNDY	VATER: N/A DE	PTH TO CAV	/ING: 4.5 to 11 feet	
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M
0_		(6 inches Topsoil)			Loose	
1-	-	Intermixed brown silty SAND and dark gray SAND w (SM/SP-SM)	rith silt, fine to medium san	d, moist.		
2-	-				Medium Dense	
3-		Dark gray SAND, fine to medium sand, moist, trace	silt. (SP)		Modium Bende	
4-	_					7.8
5-	-	Grayish-brown sandy SILT/silty SAND, fine sand, m	oist, mottled. (ML/SM)			
6-	_					
7-	_					42.6
8-	_				Loose/Medium Dense	
9-	_					
10 –	-					
11 –	_	Gray silty SAND/sandy SILT, fine sand, moist to we	., trace peat. (SM/ML)		Medium Dense	47.5
12 –					Wediam Bense	46.8
13 –	_	Test pit terminated at 12 feet. No groundwater seepage observed. Moderate caving observed from 4.5 to 11 feet.				
14 -						



	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: SLK					
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Long C	<u>Grass</u>	_ APPRO	OX. ELEV: N/A	
	DAT	E LOGGED: June 22, 2022 DEPTH TO GROUNDWATER: N/A	DEPT	H TO CA\	/ING: 8.5 to 13 feet	
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M
0_		Black SILT with sand, fine sand, moist, moderate organic inclus	ions. (ML) (Topsc	oil)	Loose	
1-		Brown silty SAND, fine to medim sand, moist, scattered roots. (S				
2-		Grayish-brown and red/orange sandy SILT, fine sand, moist, he		 -)		
3—						40.1
4-						
5-					Medium Dense	
6-						
7-						
8-						
9-		Bedded layers of dark gray and grayish-brown silty SAND and s moist. (SM/ML)	andy SILT, fine sa	and,		30.9
10 —						
11 —					Loose/Medium Dense	
12 —						
13 —		Test pit terminated at 13 feet.				29.3
14 —		No groundwater seepage observed. Light to moderate caving observed from 8.5 to 13 feet.				
15 -						

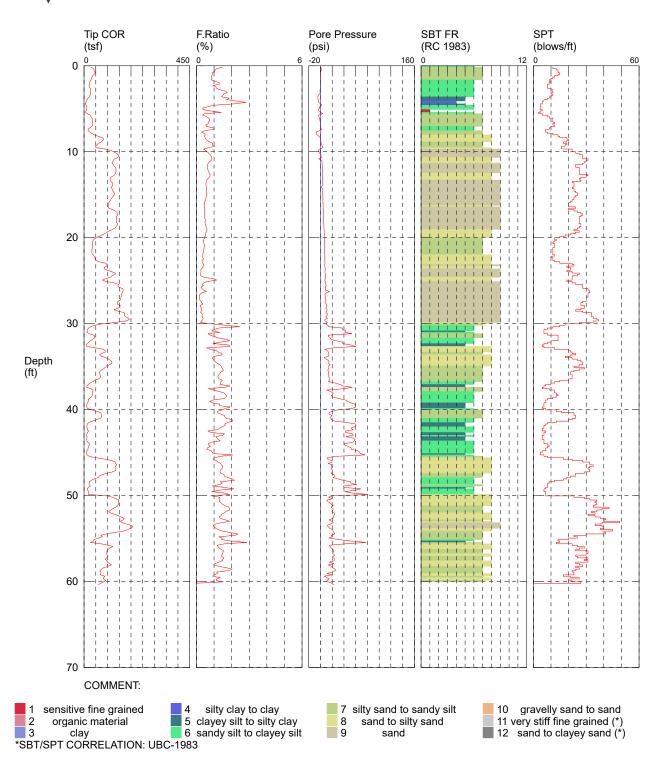
Terra
Associates, Inc.
Consultants in Geotechnical Engineering
Geology and
Environmental Earth Sciences

	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY:				
	LOC	CATION: Pierce County, Washington SURFACE CONDITIONS: Long 0	Grass	APPROX. ELEV: N/A	
	DAT	TE LOGGED: June 22, 2022 DEPTH TO GROUNDWATER: N/A	DEP1	TH TO CAVING: 8 to 12 feet	
Depth (ft)	Sample No.	Description		Consistency/ Relative Density	(%) M
0_				•	
		(8 inches Topsoil)			
1-	1	FILL: Brown sandy SILT, fine to medim sand, moist, scattered re	oots. (SM)	Loose	
2-		*Plastic membrane observed at about 1.5 feet.			_
2-					37.2
3-	-	Crovial brown ailty CAND/andy CILT fine and maint (CM/M			
4		Grayish-brown silty SAND/sandy SILT, fine sand, moist. (SM/M	IL)		
4-					
5-				Medium Dense	
•					00.0
6-					28.3
7-					
•					
8-					
9-					
40				Loose/Medium	05.0
10 –		Gray silty SAND/sandy SILT, fine sand, moist to wet, some mot	tling. (SM/ML)	Dense	25.3
11 –					
46					
12 –		Test pit terminated at 12 feet.			
13 –	-	No groundwater seepage observed.  Moderate caving observed from 8 to 12 feet.			
14 _		I.			





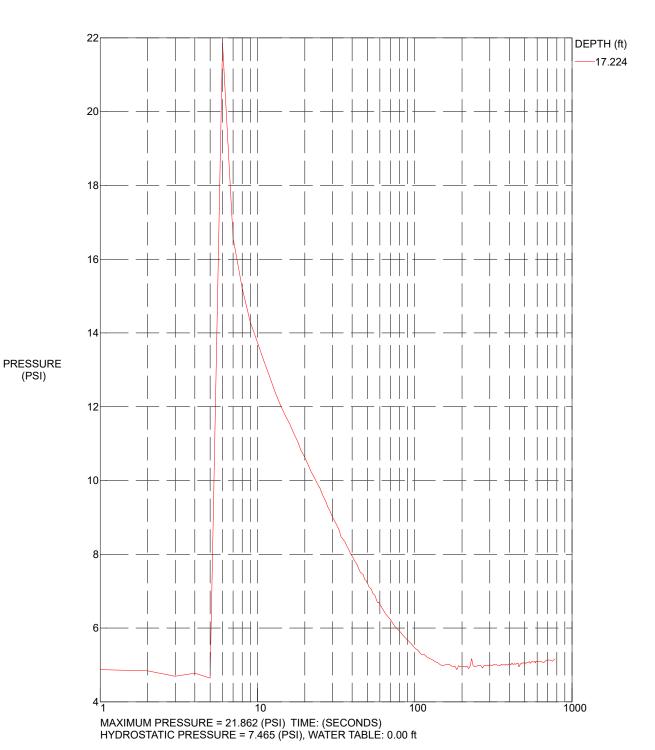
CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Mayfield/Okbay CONE ID: DDG1394 TEST DATE: 7/8/2021 10:05:10 AM PREDRILL: BACKFILL: 20% Bentonite Grout + Bentonite Chip SURFACE PATCH:





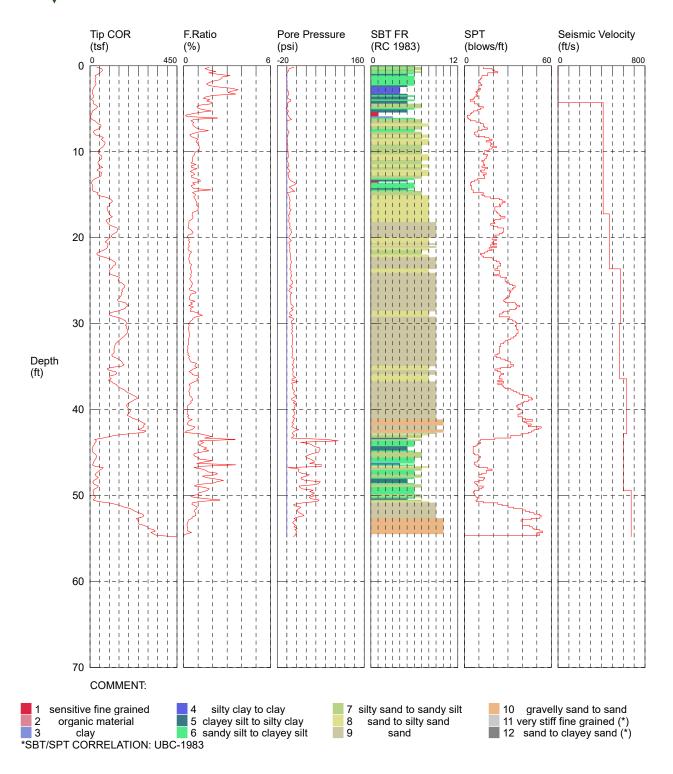
OPERATOR: Mayfield/Okbay CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 CPT CONTRACTOR: In Situ Engineering CONE ID: DDG1394

TEST DATE: 07/08/2021



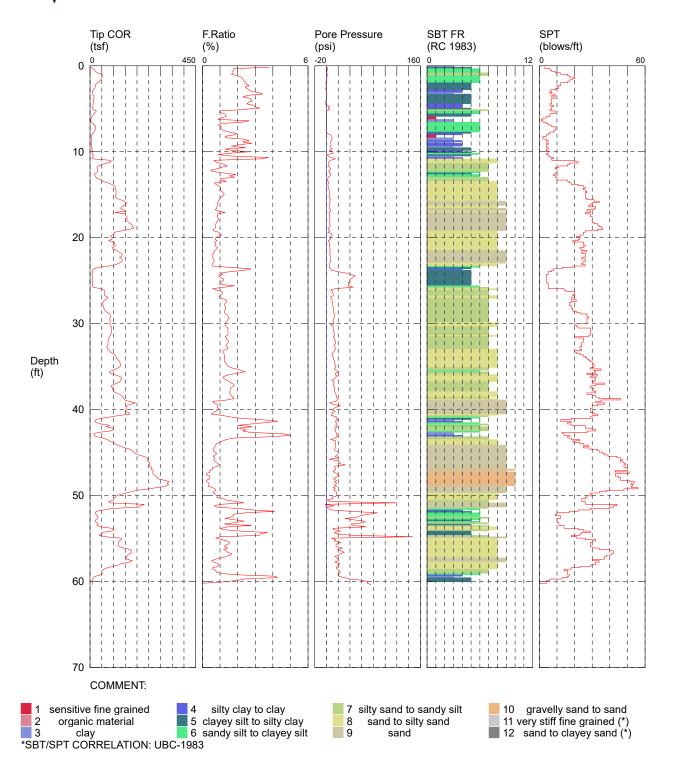


CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Mayfield/Okbay CONE ID: DDG1394 TEST DATE: 7/8/2021 1:09:48 PM PREDRILL: BACKFILL: 20% Bentonite Grout + Bentonite Chip SURFACE PATCH:





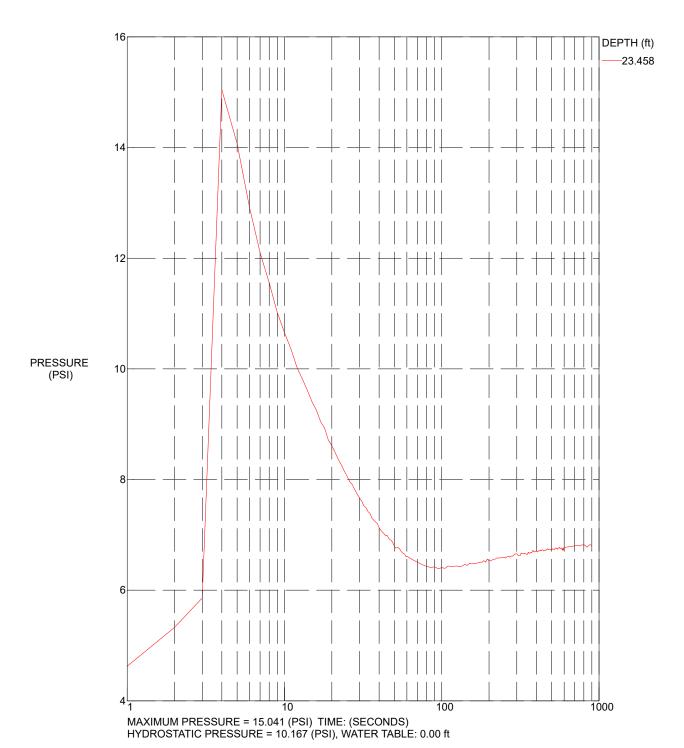
CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Mayfield/Okbay CONE ID: DDG1394 TEST DATE: 7/8/2021 11:30:56 AM PREDRILL: BACKFILL: 20% Bentonite Grout + Bentonite Chip SURFACE PATCH:





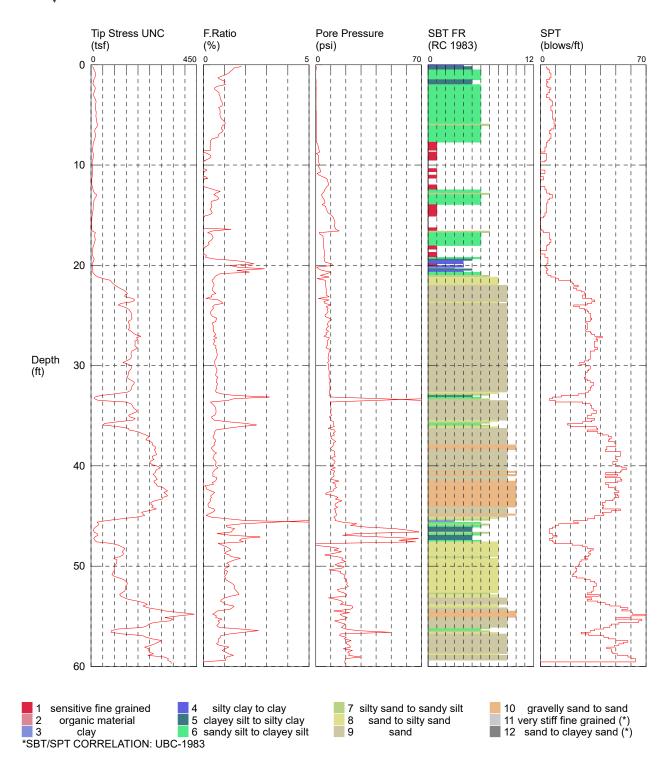
OPERATOR: Mayfield/Okbay CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 CPT CONTRACTOR: In Situ Engineering CONE ID: DDG1394

TEST DATE: 07/08/2021



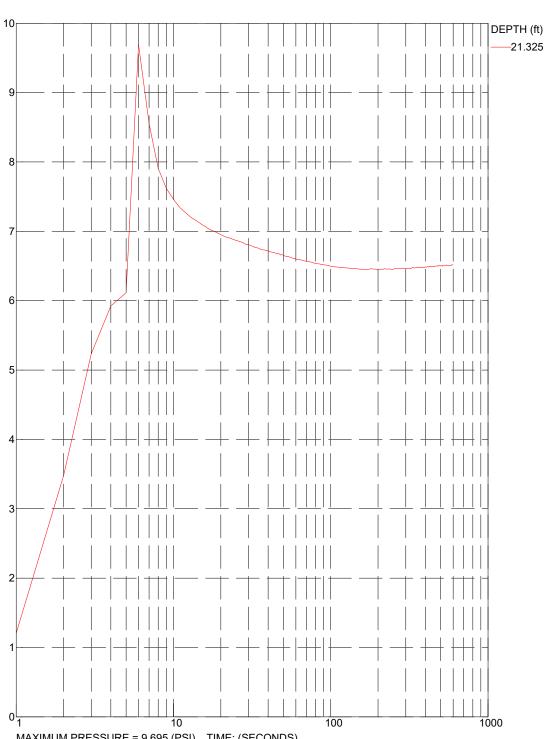


CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Okbay/Forinash CONE ID: DDG1263 TEST DATE: 6/9/2022 11:11:29 AM PREDRILL: BACKFILL: SURFACE PATCH:





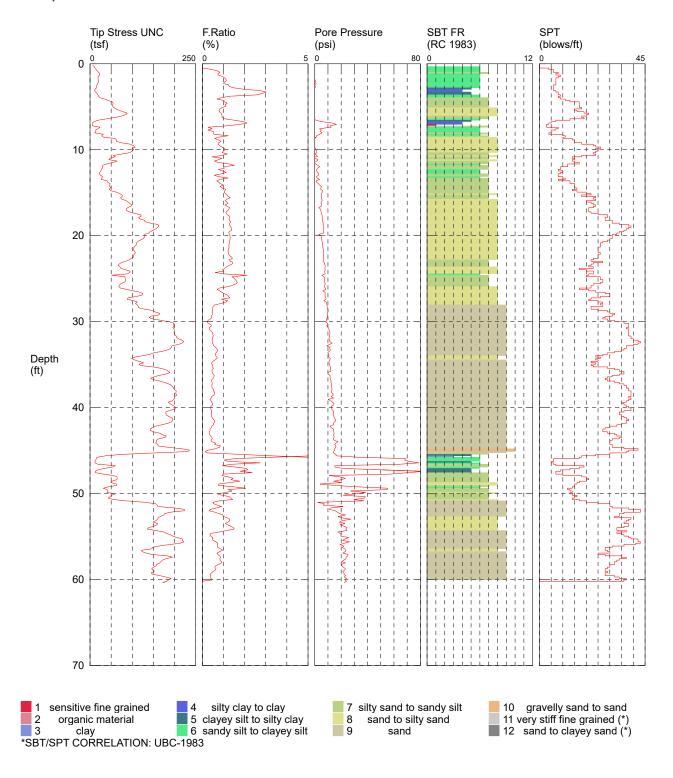
PRESSURE (PSI)



MAXIMUM PRESSURE = 9.695 (PSI) TIME: (SECONDS) HYDROSTATIC PRESSURE = 9.242 (PSI), WATER TABLE: 0.00 ft



CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Okbay/Forinash CONE ID: DDG1263 TEST DATE: 6/9/2022 1:01:45 PM PREDRILL: BACKFILL: SURFACE PATCH:



# APPENDIX B DOE WELL DETAILS AND DRILLER'S LOGS



### **Well Construction & Licensing**

Ξ

### **Well Report Search Results**

**©** Edit Search Criteria **Q** New Search

### **Search Criteria Used:**

Left Coordinate: 1186628
Right Coordinate: 1190111
Top Coordinate: 688258
Bottom Coordinate: 692801

• Well Type: Water



#	Well Details	Location Details
1.	Well Owner: CARL SCHEI Well Tag ID: ACV549 Notice of Intent Number: Group Number: Not Applica Well Report ID: 44962 Well Diameter: 8 in. Well Depth: 252 ft.	Well Address: 5112 85th Ave E  County: PIERCE  Public Land Survey: SE-NE / S-20 / T-20-N / R-4 -E
2.	Well Owner: CITY OF PU' Well Tag ID: Notice of Intent Number: 03 Group Number: Not Applica Well Report ID: 45289 Well Diameter: 30 in. Well Depth: 50 ft.	Well Address: RIVER RD, PUYALLUP  County: PIERCE  Public Land Survey: SW-NF / S-20 / T-20-N / R-04-
3.	Well Owner: CITY OF PU' Well Tag ID: BAH002 Notice of Intent Number: DO Group Number: Not Applica Well Report ID: 481468 Well Diameter: 36 in. Well Depth: 20 ft.	Well Address: VALLEY AVE AND 86TH  County: PIERCE  Public Land Survey: NW-NW / S-21 / T-20-N / R-
4.	Well Owner: CITY OF PU' Well Tag ID: BAH002 Notice of Intent Number: DO Group Number: Not Applica Well Report ID: 498891 Well Diameter: 36 in. Well Depth: 20 ft.	Well Address: VALLEY AVE AND 86TH  County: PIERCE  Public Land Survey: NW-NW / S-21 / T-20-N / R-

5.	View PDF	Well Owner: CITY OF PUYALLUP  Well Tag ID: BAH002  Notice of Intent Number: D036951  Group Number: Not Applicable  Well Report ID: 498893  Well Diameter: 36 in.  Well Depth: 20 ft.	Tax Parcel Number: Well Address: VALLEY AVE AND 86TH County: PIERCE Public Land Survey: NW-NW / S-21 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 03-20-2007
6.	☑ View PDF	Well Owner: CITY OF PUYALLUP  Well Tag ID: BAH002  Notice of Intent Number: D036951  Group Number: Not Applicable  Well Report ID: 498895  Well Diameter: 36 in.  Well Depth: 20 ft.	Well Report Received Date: 10-29-2007  Tax Parcel Number: Well Address: VALLEY AVE AND 86TH County: PIERCE Public Land Survey: NW-NW / S-21 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 03-20-2007 Well Report Received Date: 10-29-2007
7.	<b>I</b> View PDF	Well Owner: CITY OF PUYALLUP  Well Tag ID: BAH002  Notice of Intent Number: D036951  Group Number: Not Applicable  Well Report ID: 498897  Well Diameter: 36 in.  Well Depth: 20 ft.	Tax Parcel Number: Well Address: VALLEY AVE AND 86TH County: PIERCE Public Land Survey: NW-NW / S-21 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 03-20-2007 Well Report Received Date: 10-29-2007
8.	<b>I</b> View PDF	Well Owner: <b>DANA WINSLOW</b> Well Tag ID: AKN589 Notice of Intent Number: WE02633 Group Number: Not Applicable Well Report ID: 386687 Well Diameter: 6 in. Well Depth: 115 ft.	Tax Parcel Number: 0420205019 Well Address: 4812 FREEMAN RD E, PUYALLUP 98371 County: PIERCE Public Land Survey: NW-NE / S-20 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 09-16-2004 Well Report Received Date: 09-23-2004
9.	<b>P</b> View PDF	Well Owner: <b>ERNEST V SCHAAF</b> Well Tag ID: AKB306 Notice of Intent Number: Group Number: Not Applicable Well Report ID: 398033 Well Diameter: 8 in. Well Depth: 283 ft.	Tax Parcel Number: Well Address: County: PIERCE Public Land Survey: NW-NE / S-20 / T-20-N / R-04- E Well Type: Water / Subtype: Unknown Well Completion Date: 06-23-1983 Well Report Received Date:
10.	View PDF	Well Owner: <b>GOHN SESSLER</b> Well Tag ID: AET436 Notice of Intent Number: W091983 Group Number: Not Applicable Well Report ID: 123757 Well Diameter: 6 in. Well Depth: 111 ft.	Tax Parcel Number: Well Address: 4723 FREEMAN RD, PUYALLUP County: PIERCE Public Land Survey: SE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 07-14-1999 Well Report Received Date:
11.	<b>I</b> View PDF	Well Owner: IAC Port 167  Well Tag ID: BCN827  Notice of Intent Number: DE01384  Group Number: Not Applicable  Well Report ID: 903923  Well Diameter: 12 in.  Well Depth: 51 ft.	Tax Parcel Number: 0420163701 Well Address: 1212 Valley Avenue NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 12-12-2013 Well Report Received Date: 02-12-2014

12	100	Well Owner I St M IVONG	Tax Parcel Number:
12.	View	Well Owner: L & M LYONS	Well Address: 8315 49TH ST E, PUYALLUP
	PDF	Well Tag ID:	
		Notice of Intent Number: W010318	County: PIERCE
		Group Number: Not Applicable	Public Land Survey: NE-NE / S-20 / T-20-N / R-04-E
		Well Report ID: 49550	Well Type: Water / Subtype: Unknown
		Well Diameter: 6 in.	Well Completion Date: 02-03-1994
		Well Depth: 135 ft.	Well Report Received Date:
42	<b>B</b> > 0		Tax Parcel Number:
13.	View	Well Owner: LINDA BLODGET	Well Address: 5110 FREEMAN RD, ORTING
	PDF	Well Tag ID:	
		Notice of Intent Number: W054843	County: PIERCE
		Group Number: Not Applicable	Public Land Survey: NW-NE / S-20 / T-20-N / R-04-
		Well Report ID: 49877	E
		Well Diameter: 6 in.	Well Type: Water / Subtype: Unknown
		Well Depth: 111 ft.	Well Completion Date: 05-26-1995
		Well Depth. 111 it.	Well Report Received Date:
14.	<b>▶</b> View	Well Owner: MARK HOCKS	Tax Parcel Number: 0420205018
"	PDF		Well Address: 4802 FREEMAN RD S,FIFE
		Well Tag ID: AKN597	County: PIERCE
		Notice of Intent Number: W165115	Public Land Survey: NE-NE / S-20 / T-20-N / R-04-E
		Group Number: Not Applicable	Well Type: Water / Subtype: Unknown
		Well Report ID: 389493	Well Completion Date: 09-27-2004
		Well Diameter: 6 in.	·
		Well Depth: 118 ft.	Well Report Received Date: 09-09-2004
15.	<b>View</b>	Well Owner: MICHAEL BLODGITT	Tax Parcel Number:
15.	PDF		Well Address:
Į.		Well Tag ID:	County: PIERCE
		Notice of Intent Number:	Public Land Survey: NW-NE / S-20 / T-20-N / R-04-
		Group Number: Not Applicable	F
		Well Report ID: 50339	Well Type: Water / Subtype: Unknown
		Well Diameter: 6 in.	Well Completion Date: 11-23-1976
		Well Depth: 275 ft.	Well Report Received Date: 12-15-1976
		- I COOR CTTWART	Tax Parcel Number:
16.		Well Owner: MIKE FLECHER   GOOD STEWART	
	PDF	TRUST	Well Address: 7909 48TH ST E FIFE 98424
		Well Tag ID: AFC523	County: PIERCE
		Notice of Intent Number: W121629	Public Land Survey: SE-SE / S-17 / T-20-N / R-04-E
		Group Number: Not Applicable	Well Type: Water / Subtype: Unknown
			Well Completion Date: 12-22-1999
		Well Report ID: 301257	Well Report Received Date: 12-11-2000
		Well Doorth: 102 ft	
-		Well Depth: 102 ft.	
17.	♪ View	Well Owner: STEVE KINDEL	Tax Parcel Number:
	PDF	Well Tag ID: ACM686	Well Address: 4519 FREEMAN RD, PUYALLUP
		Notice of Intent Number: W089301	County: PIERCE
			Public Land Survey: SW-SE / S-17 / T-20-N / R-04-E
		Group Number: Not Applicable	Well Type: Water / Subtype: Unknown
		Well Report ID: 55853	Well Completion Date: 12-12-1996
		Well Diameter: 6 in.	Well Report Received Date: 03-07-1997
		Well Depth: 115 ft.	Tress report received butc. 03 07 1337
18.	<b>⅓</b> View	Well Owner: Trammell Crow Company	Tax Parcel Number:
	PDF	Well Tag ID: BIA323	Well Address: Valley Ave NE & 27th Ave CT NW
			County: PIERCE
		Notice of Intent Number: DE01370	Public Land Survey: SW-SW / S-16 / T-20-N / R-04-
		Group Number: Not Applicable	E
		Well Report ID: 1546938	Well Type: Water / Subtype: Dewatering
		Well Diameter: 1.5 in.	Well Completion Date: 10-11-2013
		Well Depth: 26 ft.	· ·
		Ven Bepan. 201c.	Well Report Received Date: 03-30-2016

19.	♪ View	Well Owner: Trammell Crow Company	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW
	PDF	Well Tag ID: BIA324 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551694	County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04-E
		Well Diameter: 1.5 in. Well Depth: 26 ft.	Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
20.	<b>I</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA327 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551697 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
21.	₽ View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA329 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551698 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
22.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA331 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551699 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
23.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA334 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551701 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
24.	<b>₽</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA336 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551702 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04- E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
25.	<b>≱</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA342 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551703 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R-04- E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016



### **Well Construction & Licensing**

=

### **Well Report Search Results**

**○** Edit Search Criteria **Q** New Search

### **Search Criteria Used:**

Left Coordinate: 1186628Right Coordinate: 1190111Top Coordinate: 688258Bottom Coordinate: 692801

• Well Type: Water



.,	W II 5 . 7	
#	Well Details	Location Details
26.	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA344 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551704 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
27.	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA349 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551705 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
28.	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA338 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551706 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
29.	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA326 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551711 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016

30.	以iew PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA330 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551712 Well Diameter: 1.5 in. Well Depth: 26 ft. Well Owner: <b>Trammell Crow Company</b>	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016 Tax Parcel Number:
31.	PDF	Well Tag ID: BIA333 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551714 Well Diameter: 1.5 in. Well Depth: 26 ft.	Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
32.	<b>₽</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA337 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551715 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
33.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA341 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551716 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
34.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA345 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551717 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: Well Report Received Date: 03-30-2016
35.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA325 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551718 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
36.	<b>P</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA328 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551719 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016

37.	▶ View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA332 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551721 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
38.	<b>I</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA335 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551722 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
39.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA340 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551725 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
40.	<b>₽</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA343 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551726 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
41.	<b>₽</b> View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA347 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551727 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
42.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA350 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551728 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
43.	View PDF	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA348 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551730 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016

	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA339 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551732	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E
	Well Diameter: 1.5 in. Well Depth: 26 ft.	Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
	Well Owner: <b>Trammell Crow Company</b> Well Tag ID: BIA346 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551733 Well Diameter: 1.5 in. Well Depth: 26 ft.	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW County: PIERCE Public Land Survey: SW-SW / S-16 / T-20-N / R- 04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 10-11-2013 Well Report Received Date: 03-30-2016
	Well Owner: UNION PACIFIC  Well Tag ID: Notice of Intent Number: 056254 Group Number: Not Applicable Well Report ID: 53548 Well Diameter: 0 in. Well Depth: 0 ft.	Tax Parcel Number: Well Address: 420 S DAWSON ST, SEATTLE County: PIERCE Public Land Survey: SE-NE / S-20 / T-20-N / R- 04-E Well Type: Water / Subtype: Unknown Well Completion Date: 08-01-1990 Well Report Received Date: 09-17-1990
	Well Owner: WAYNE WOODS  Well Tag ID: ACM685  Notice of Intent Number: W089304  Group Number: Not Applicable  Well Report ID: 55852  Well Diameter: 6 in.  Well Depth: 99 ft.	Tax Parcel Number: Well Address: 8009 E 50TH ST, PUYALLUP County: PIERCE Public Land Survey: NW-NE / S-20 / T-20-N / R- 04-E Well Type: Water / Subtype: Unknown Well Completion Date: 12-09-1996 Well Report Received Date:
	Well Owner: WESTERN WASH. RES. & EXT. CENTER Well Tag ID: Notice of Intent Number: Group Number: Not Applicable Well Report ID: 53917 Well Diameter: 0 in. Well Depth: 0 ft.	Tax Parcel Number: Well Address: County: PIERCE Public Land Survey: SW-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: Well Report Received Date:
	Well Owner: WESTERN WASHIGNTON EXTENSION  CENTER  Well Tag ID:  Notice of Intent Number:  Group Number: Not Applicable  Well Report ID: 1557248  Well Diameter: 0 in.  Well Depth: 0 ft.	Tax Parcel Number: Well Address: County: PIERCE Public Land Survey: SW-SE / S-17 / T-20-N / R- 04-E Well Type: Water / Subtype: Unknown Well Completion Date: Well Report Received Date: 06-20-1976
12	Well Depth: 0 ft.	

Total Result Pages: 2



### **Well Construction & Licensing**

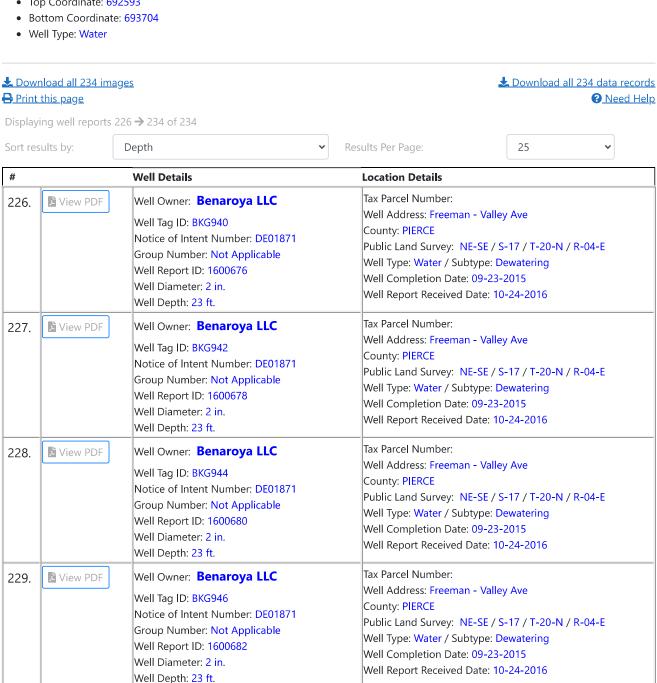
 $\equiv$ 

### Well Report Search Results

**Q** New Search

### **Search Criteria Used:**

Left Coordinate: 1188505
Right Coordinate: 1189676
Top Coordinate: 692593
Bottom Coordinate: 693704



Tax Parcel Number: Well Address: Freeman - Valley Ave County: PIERCE Public Land Survey: NE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 09-23-2015 Well Report Received Date: 10-24-2016  Tax Parcel Number: Well Address: Freeman - Valley Ave County: PIERCE Public Land Survey: NE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 09-23-2015 Well Report Received Date: 10-24-2016  Tax Parcel Number: R0420171037
Well Address: Freeman - Valley Ave County: PIERCE Public Land Survey: NE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Dewatering Well Completion Date: 09-23-2015 Well Report Received Date: 10-24-2016
Tax Parcel Number: R0420171037
Well Address: 3923 84TH AVE CT E, PUYALLUP County: PIERCE Public Land Survey: NE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 01-11-2002 Well Report Received Date: 02-14-2002
Tax Parcel Number: 0420171034 Well Address: 8406 36TH ST E, EDGEWOOD County: PIERCE Public Land Survey: NE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 04-17-2006 Well Report Received Date: 04-28-2006
Tax Parcel Number: 0420174063 Well Address: 4117 C 84th Ave E County: PIERCE Public Land Survey: NE-SE / S-17 / T-20-N / R-4 -E Well Type: Water / Subtype: Unknown Well Completion Date: 08-11-1975

Total Result Pages: 10

Copyright © Washington State Department of Ecology
Privacy Notice | Site Map | Accessibility | Contact the Web Team

File: Orig. & First Copy - Dept of Ecology Second Copy - Owner; Third Copy - Driller WATER WELL REPORT State of Washington

Start Card No. W089301 Unique Well ID ACM686

Water Right Permit No.

(1) OWNER: Name STEVE KINDEL

(2) LOCATION OF WELL: County PIERCE

Address 4521 FREEMAN RD PUYALLUP WA 98371

71 Page 1 of SW 1/4 SE 1/4 Sec 17 T 20 N R 4 E

(2a) STREET ADDRESS OF WELL (or nearest address) 4519 FREEMAN RD PUYLLUP WA

Method: ROTARY  Material  From  Compacted Gravels	(3) (4)	PROPOSED USE: DOMESTIC Type of work: NEW WELL	(10) WELL LOG OF DECOMMISSIONING PROCEDURE DESCRIPT	CION	
Drilled 115 feet. Depth of completed well 115 ft.  (6) CONSENDECTION DREATIES:  Casing instité 6 Diam. from 0 ft. to 111 ft.  Welded X - Diam. from ft. to ft.  Liner Diam. from ft. to ft.  Liner Diam. from ft. to ft.  Liner Diam. from ft. to ft.  Threaded Representations from ft. to in.  Perforations: Yes No X Type of perforations from ft. to in.  Screens: Yes X No Rodel No Diam. Slot size if from ft. to if.  Diam Slot size if from ft. to if.  Cavel packed: Yes No X Size of gravel Gravel packed: Yes No X Size of gravel Gravel packed from ft. to ft.  Surface seal: Yes X No To what depth? 19 ft.  Material used in seal RENTONITE Did any strate oottain unusable water? Yes No X Type of veter? Depth of strate Method of sealing strate off  71 FUNP: Nanniacturer: Name JaCUZZI 73.  Type 15BS418-14 3.P. 0x 1½  18) NATURE LEWELS: Surface elev shows mean eee level ft.  Static level 2.6 ft. Delow top of well Date 12/12/96  Antesian pressure lise per gr. in. Date  Antesian pressure is controlled by  Mork Started 12/10/96 Completed 12/12/96  Marke Laveline researce lise ft. drawdown after has Recovery date:  Time Wtr. Ivl. Time Mtr. Lvl. Time Wtr. Lvl.  Back Gravel packed: Well Deliler:  Wall Completed 12/10/96 Completed 12/12/96  Mork Started 12/10/96 Completed 12/12/96  Mork S		• •	Material	From	To
(6) CONSERCCTION DRIBLIES:  Casing instid: 6	(5)	DIMENSIONS: Diameter of well 6 inches.	COMPACTED GRAVELS 0		6
GENERICATION DETAILES: Casing installs 6		Drilled 115 feet. Depth of completed well 115 ft.	BLACK TOPSOIL 6	;•• j	4 •
Casing instid: 6 Diam. from 0 ft. to 111 ft. Welded x Diam. from ft. to ft. GREY SANDY CLAY, WOOD 36 Linex Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS SID GREY SANDS, WATER 94  Perforations: Yes No X Type of perforations from ft. to in. Screens: Yes X NO. MANURACTURE'S SANDE SOURCE STANDS.  Diam 6 Slot size if from 111 ft. to 115 ft. Diam Slot size if from ft. to ft. Gravel packed Yes No X Size of gravel cravel placed from ft. to ft. Surface seal: Yes X NO. To what depth? 19 ft. Material used in seal AREMONITE Did any strate contain unusable water? Yes No X Type of water? Depth of strata Nethod of sealing strate off  Ty DUMP! Manufacturer's Name J&CUZZI Type 15BS418-14			BROWN CLAY	i	12
Welded X Diam. from ft. to ft. Inner Diam. from ft. to ft. Inner Diam. from ft. to ft. GREY SANDY CLAY, MOOD. GRAVELE SITEMEN DIAM. From ft. to ft. GREY SILTY SANDY CLAY, WOOD. GRAVELE SITEMEN DIAM. SIZE OF PROTORATIONS in. by in. perforations from ft. to in. Size of gravel Gravel placed from ft. to ft. Diam Size is from ft. to ft. Surface seal: Yes X NO_ X Size of gravel Gravel placed from ft. to ft. Misterial used in seal REXTONITE  Did any strata contain unusable water? Yes No X Type of water? Depth of strata  Method of sealing strata off  7) PURP! Nanufacturer's Name JGCUZZI Type 15RS418-14  But 12	(6)	CONSTRUCTION DETAILS:	GREY CLAY	.2 j	21
Linar Threaded Dian. from ft. to ft. Threaded GNIY SANDY CLAY, NOOD, GRAVELS GNIY STATES AND G		Casing instld: 6 * Diam. from 0 ft. to 111 ft.	GREY SANDY CLAY	ı i	36
Perforations: Yee _ No X Type of perforator used  Size of perforations from ft. to in.     Screens: Yee X No _ Manufacturer: Name JOHNSON Type STAINLASS		Welded X Diam. from ft. to ft.	GREY SANDY CLAY, WOOD 3	6 j	53
Perforations: Yes No X Type of perforations and Size of perforations from ft. to in- perforations from ft. to ft.  Gravel packed: Yes X No _ Downs ft.  Surface seal: Yes X No _ To what depth 19  Match any artar contain unusable water? Yes _ No X  Type of water?  Depth of strata  Here yes a ft. to in- perforations from ft. to in- perforations from ft. to in- perforations ft. ft. ft.  Mork Started 12/10/96 Completed 12/12/96  Mork Started 12/10/96 Com		Liner Diam. from ft. to ft.	GREY SANDY CLAY, WOOD, GRAVELS 5	a j	94
Type of perforations in. by in. perforations in. by in. perforations from ft. to in. perforations from ft. perforations from ft. to in. perforations from ft. perforations from ft. perforations from ft. perforations ft. perforations from ft. perforations ft. perforat		Threaded _	GREY SILTY SANDS, WATER 9	4	115
Type of perforations in. by in. perforations in. by in. perforations from ft. to in. perforations from ft. perforations from ft. to in. perforations from ft. perforations from ft. perforations from ft. perforations ft. perforations from ft. perforations ft. perforat		Perforations: Yes No X	<u></u>		_
perforations from ft. to in. perforations from ft. to in. perforations from ft. to in.  Screens: Yes X No Manufacturer's Name JOHNSON Type STANLESS Nogland ft. to ft.  Gravel packed: Yes _ No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yes X No _ To what depth? 19 ft. Material used in seal EMPROWITE Did any strata contain unusable water? Yes _ No X Type of water? Method of sealing strata off  17) FURP: Manufacturer's Name JaCuzzi Type 15BS418-14				i	
perforations from ft. to in.  Screens: Yee X No_ Manufacturer's Name JORNSON Type STAINLESS Diam Solot size 14 from 111 ft. to 115 ft. Diam Slot size from ft. to ft.  Gravel packed: Yes _ No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yee X No _ To what depth? 19 ft. Material used in seal BENTONITE Did any strata contain unusable water? Yes _ No X Type of water? Depth of strata Nethod of sealing strata off  7) PURP: Nanufacturer's Name JSCUZZi Type 15BS418-14		Size of perforations in. by in.		·	
perforations from ft. to in.  Screens: Yee X No_ Manufacturer's Name JORNSON Type STAINLESS Diam Solot size 14 from 111 ft. to 115 ft. Diam Slot size from ft. to ft.  Gravel packed: Yes _ No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yee X No _ To what depth? 19 ft. Material used in seal BENTONITE Did any strata contain unusable water? Yes _ No X Type of water? Depth of strata Nethod of sealing strata off  7) PURP: Nanufacturer's Name JSCUZZi Type 15BS418-14				¦	
Screens: Yee X No_ Manufacturer's Name JORNSON Type STAINLESS Nodel No Diam & Slot size 14 from 111 ft. to 115 ft. Diam & Slot size from ft. to ft.  Gravel packed: Yee _ No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yee X No_ To what depth? 19 ft. Material used in seal RENTONITE Did any strata contain unusable water? Yee _ No X Type of water? Depth of strata Method of sealing strata off  7.7 PUMP: Nanufacturer's Name Jacuzzi Type 15BS418-14				<del></del> ¦	
Manufacturer's Name JOHNSON Type STAINLESS  Nodel No Diam 6 Slot size 14 from 111 ft. to 115 ft. Diam Slot size from ft. to ft.  Gravel packed: Yes_ No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yes X No_ To what depth? 19 ft. Material used in seal BENTONITE Did any strate contain unusable water? Yes_ No X Type of water? Depth of strata Method of sealing strate off  7.7) PURP: Namufacturer's Name JACUZZİ Type 158S418-14 B.P. 0x 1½  8) NATER LEVELS: Surface slev shows mean sea level Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data: Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test aller test 0 gal/min with ft. drawdown after hr intest 35 gal/min with stem set at 110 ft. for 1 hrs  Tresian flow 0 gal/min bate  Contractor's Registration No. RICHAN-2210B Date 12/ Contractor's Registration No.		•			
Manufacturer's Name JORNSON Type STATHLESS  Nodel No Dian 6 Slot size 14 from 111 ft. to 115 ft. Dian Slot size from ft. to ft.  Gravel packed; Yes No X Size of gravel Gravel placed from ft. to ft.  Surface seal; Yes X No _ To what depth? 19 Material used in seal EMNTONITE Did any strate contain unuseble water? Yes _ No X Type of water? Depth of strata Method of sealing strata off  7) PUMP: Manufacturer's Name JGCUZZİ Type 15BS418-14  B) NATER LEVELS: Surface slev above mean sea level static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure   Ds. per sq. in. Date Artesian pressure is controlled by  NELL CENTRUCTOR CERTIFICATION: Recovery data: Time Wtr. Lvl. Time Wtr. Lvl.  Date of test aller test 0 gal/min with ft. drawdown after hrs Well CONSTRUCTOR CERTIFICATION: Tuction standards. Materials used and the information reg above are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 4444 Tacons Na 98444  [Signed]  Lic. No 2017  Ittest 35 gal/min with stem set at 110 ft. for 1 hrs  Tiest 35 gal/min with stem set at 110 ft. for 1 hrs  Tiest 35 gal/min with stem set at 110 ft. for 1 hrs  Tome Tome State of test aller test 0 gal/min with stem set at 110 ft. for 1 hrs  Tiest 35 gal/min with stem set at 110 ft. for 1 hrs  Tome Tome State of		Caucas Va V		[	
Type STAINLESS Diam 6 Slot size 14 from 111 ft. to 115 ft. Diam Slot size from ft. to ft.  Gravel packed; Yes_ No X Size of gravel Gravel placed from ft. to ft.  Surface seal; Yes X No_ To what depth? 19 Material used in seal BENTONITE Did any strata contain unusable water? Yes_ No X Type of water? Method of sealing strata off  7) PURP: Nanufacturer's Name Jacuzzi Type 15BS418-14  B.P. 0x 1½  8) WATER LEVELS: Surface slev shove mean sea level ft. Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? Yield 0 gal./min. with ft. drawdown after yield 0 gal./min. with ft. drawdown after her Yield 0 gal./min. with ft. drawdown after her Recovery data: Time Wtr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs  Triest 35 gal/min with stem set at 110 ft. for 1 hrs		<b>–</b>			
Diam 6 Slot size 14 from 111 ft. to 115 ft.  Diam Slot size from ft. to ft.  Gravel packed: Yes No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yes X No To what depth? 19 ft.  Material used in seal BENTONITE  Did any strata contain unusable water? Yes No X  Type of water?  Depth of strata  Method of sealing strata off  7) PUMP: Nanufacturer: Name Jacuzzi  Type 15BS418-14 B.P. % 1½  8) NATER LEVELS: Surface elev above mean sea level ft.  Static level 2.6 ft. below top of well Date 12/12/96  Artesian pressure lbs. per sq. in. Date  Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom?  Yield 0 gal./min. with ft. drawdown after hrs yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Name Wtr. Lvl. Time Wtr. Lvl.  Time Wtr. Lvl. Time Ntr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with stem set at 110 ft. for 1 hrs tresian flow 0 gal/min with stem set at 110 ft. for 1 hrs tresian flow 0 gal/min with stem set at 110 ft. for 1 hrs tresian flow 0 gal/min with stem set at 110 ft. for 1 hrs  Contractor's Registration No. RICHAN*3210B Date 12/				!	_
Diam Slot size from ft. to ft.  Gravel packed: Yes No X Size of gravel Gravel placed from ft. to ft.  Surface seal: Yes X No To what depth? 19 ft. Material used in seal BENTONITE Did any strata contain unusable water? Yes No X Type of water? Depth of strata Method of sealing strata off  7) PUMP: Manufacturer's Name Jacuzzi Type 15BS418-14  B.P. 0x 1½  8) WATER LEVELS: Surface elev above mean sea level Artesian pressure lbs. per sq. in. Date Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data: Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with ft. drawdown after hr intest 35 gal/min with stem seat at 110 ft. for 1 hrs  Tressian flow 0 gal/min with stem seat at 110 ft. for 1 hrs  Tressian flow 0 gal/min with stem seat at 110 ft. for 1 hrs  Contractor's Registration No. RICHANY-3210B Date 12/		- <del> </del>	-	!	
Gravel packed: Yes _ No X Size of gravel Gravel placed from _ ft. to _ ft.  Surface seal: Yes X No _ To what depth? 19				!	_
Gravel placed from ft. to ft.  Surface seal: Yes X No To what depth? 19 ft. Material used in seal BENTONITE Did any strata contain unusable water? Yes No X Type of water? Method of sealing strata off  7) PUMP: Manufacturer's Name Jacuzzi Type 15BS418-14  B.P. 0x 1½  8) MATER LEVELS: Surface elev above mean sea level ft. Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure is controlled by  9) MELL TESTS: Pump test made? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Well CONSTRUCTOR CERTIFICATION: I CONSTRUCTOR		Diam Siot 8126 Iron It. to It.		¦	
Surface seal: Yes X No_ To what depth? 19 ft.  Material used in seal BENTONITE Did any strata contain unusable water? Yes No X Type of water?  Method of sealing strata off  7) PUMP: Nanufacturer's Name Jacuzzi Type 15BS418-14  B.P. 0x 1½  8) WATER LEVELS: Surface elev above mean sea level ft. Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data: Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with stem set at 110 ft. for 1 hrs  tresian flow 0 gal/min with stem set at 110 ft. for 1 hrs  Contractor's Registration No. RICHAN*3210B  Date 12/		Gravel packed: Yes No X Size of gravel	,		
Surface seal: Yes X No To what depth? 19 ft. Material used in seal BENTONITE Did any strata contain unusable water? Yes No X Type of water? Depth of strata Method of sealing strata off  7) PUMP: Manufacturer's Name Jacuzzi Type 15BS418-14					
7) PUMP: Manufacturer's Name Jacuzzi Type 15BS418-14  8) WATER LEVELS: Surface elev above mean sea level ft. Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Ecovery data: Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with stem set at 110 ft. for 1 hrs irtesian flow 0 gal/min Date  Contractor's Registration No. RICHAN*3210B Date 12/		Material used in seal BENTONITE  Did any strata contain unusable water? Yes No X  Type of water? Depth of strata			
8) WATER LEVELS: Surface elev above mean sea level ft. Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. ruction standards. Materials used and the information regular test 0 gal/min with ft. drawdown after hrs Rocovery data:  Date of test ailer test 0 gal/min with stem set at 110 ft. for 1 hrs ructed: Registration No. RICHAW+3210B Date 12/12/96  By whom?  Work Started 12/10/96 Completed 12/12/96  WELL CONSTRUCTOR CERTIFICATION:  I constructed and/or accept responsibility for construction this well, and its compliance with all Washington well or ruction standards. Materials used and the information regular test 0 my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 4444/ Tacoma Wa 98444  Lic. No 2017  irtest 35 gal/min with stem set at 110 ft. for 1 hrs  rtesian flow 0 gal/min Date  Contractor's Registration No. RICHAW+3210B Date 12/		Method of sealing strata off		<u> </u>	_
8) WATER LEVELS: Surface elev above mean sea level ft. Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test Vailer test 0 gal/min with ft. drawdown after hr  Vairtest 35 gal/min with stem set at 110 ft. for 1 hrs  Artesian flow 0 gal/min Date	7)	PUMP: Manufacturer's Name Jacuzzi			
Static level 2.6 ft. below top of well Date 12/12/96 Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0		Type 15BS418-14 H.P. % 1½			
Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data: Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test Vailer test 0 gal/min with ft. drawdown after hr irresian flow 0 gal/min Date	8)	WATER LEVELS: Surface elev above mean sea level ft.		—-¦	_
Artesian pressure lbs. per sq. in. Date Artesian pressure is controlled by  9) WELL TESTS: Pump test made? By whom? Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with ft. drawdown after hrs irtesian flow 0 gal/min Date  Work Started 12/10/96 Completed 12/12/96  WELL CONSTRUCTOR CERTIFICATION: I constructed and/or accept responsibility for constructing this well, and its compliance with all Washington well considered to my best knowledge and belief. Name RICHARDSON WELL DRILLING Address P.O. Box 4444/ Taccoma WA 98444  (Signed)  (Well Driller)  Contractor's Registration No. RICHAW*3210B Date 12/	•			i	
9) WELL TESTS: Pump test made? By whom? Yield 0				i	
Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Yield 0 gal./min. with ft. drawdown after hrs Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.  Date of test ailer test 0 gal/min with ft. drawdown after hrs irtesian flow 0 gal/min Date  WELL CONSTRUCTOR CERTIFICATION:  WELL CONSTRUCTOR CERTIFICATION:  I constructed and/or accept responsibility for construction this well, and its compliance with all Washington well constructed and the information representation above are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 44447 Tacoma Wa 98444  (Signed)  (Well Driller)  Contractor's Registration No. RICHAW+3210B  Date 12/		·		i	
Yield 0 gal./min. with ft. drawdown after hrs WELL CONSTRUCTOR CERTIFICATION:  Yield 0 gal./min. with ft. drawdown after hrs Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. ruction standards. Materials used and the information representation above are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 44447 Tacoma Wa 98444  Date of test  ailer test 0 gal/min with ft. drawdown after hr irresian flow 0 gal/min Date  Contractor's Registration No. RICHAW+3210B Date 12/	9)	<del></del> -	Work Started 12/10/96 Completed 12/12/96		
Yield 0 gal./min. with ft. drawdown after hrs I constructed and/or accept responsibility for construction Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. ruction standards. Materials used and the information representation above are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 44447 Tacoma WA 98444  Date of test ailer test 0 gal/min with ft. drawdown after hr irresian flow 0 gal/min Date  Contractor's Registration No. RICHAW+3210B Date 12/			WELL CONSTRUCTOR CERTIFICATION:		
Recovery data:  Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. ruction standards. Materials used and the information repalabove are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 4447 Tacoma WA 98444  Date of test ailer test 0 gal/min with ft. drawdown after hr irresian flow 0 gal/min Date  this well, and its compliance with all Washington well corrections standards. Materials used and the information repalabove are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING Address P.O. Box 4447 Tacoma WA 98444  Lic. No 2017  (Well Driller)  Contractor's Registration No. RICHAW+3210B  Date 12/				net met	tion
Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. ruction standards. Materials used and the information repalabove are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING  Address P.O. Box 44447 Tacome WA 98444  Date of test  ailer test 0 gal/min with ft. drawdown after hr (Signed)  irtest 35 gal/min with stem set at 110 ft. for 1 hrs (Well Driller)  rtesian flow 0 gal/min Date Contractor's Registration No. RICHAW+3210B Date 12/					
above are true to my best knowledge and belief.  Name RICHARDSON WELL DRILLING  Address P.O. Box 44447 Tacome WA 98444  Date of test  ailer test 0 gal/min with ft. drawdown after hr (Signed)  irtest 35 gal/min with stem set at 110 ft. for 1 hrs (Well Driller)  rtesian flow 0 gal/min Date  Contractor's Registration No. RICHAW+3210B Date 12/	Time				
Name RICHARDSON WELL DRILLING Address P.O. Box 44447 Tacoms WA 98444  Date of test ailer test 0 gal/min with ft. drawdown after hr (Signed)  irtest 35 gal/min with stem set at 110 ft. for 1 hrs (Well Driller)  rtesian flow 0 gal/min Date Contractor's Registration No. RICHAW+3210B Date 12/	4115	wrav many neather name field MTAS		1	
Date of test  ailer test 0 gal/min with ft. drawdown after hr (Signed)  irtest 35 gal/min with stem set at 110 ft. for 1 hrs  (Well Driller)  Contractor's Registration No. RICHAW+3210B Date 12/		i			
Date of test  Sailer test 0 gal/min with ft. drawdown after hr (Signed)  Airtest 35 gal/min with stem set at 110 ft. for 1 hrs (Well Driller)  Airtesian flow 0 gal/min Date Contractor's Registration No. RICHAW+3210B Date 12/		i	·		
Sailer test 0 gal/min with ft. drawdown after hr (Signed) (Well Driller) Lic. No 2017 cirtest 35 gal/min with stem set at 110 ft. for 1 hrs (Well Driller) Contractor's Registration No. RICHAW+3210B Date 12/		Date of test			
dirtest 35 gal/min with stem set at 110 ft. for 1 hrs (Well Driller)  Artesian flow 0 gal/min Date Contractor's Registration No. RICHAW*3210B Date 12/	ajla Bajla	·	(Signed VIA) X BML/1 . Tin Ma	2017	
rtesian flow 0 gal/min Date   Contractor's Registration No. RICHAW*3210B Date 12/		· · · · · · · · · · · · · · · · · · ·		2411	
• ·		· · · · · · · · · · · · · · · · · · ·			. /
emperature of water — was chemical analysis mader wolves   Based on form ECP 020-1-20 (5/33)**1-1329- by Speed Systems		· · · · · · · · · · · · · · · · · · ·	<del>-</del>		
	-mpe	Presente of Marcel May Chemical analysis made, Mo. Co.	proof ou torm bon 000-1-50 (5123)**!-1352- by abeed	ayster	us (

Departr Second	iginal and First Copy with ment of Ecology ment of Ecology Copy — Owner's Copy Copy — Priller's Copy Copy — Copy	MACHINGTON		
	Good Stewart TRUST	Water Right Permit No	. 9841	<u></u>
(1)	White Title Truck			
(2) L	OCATION OF WELL: County HERCE	<u>SE 1/4 SE 1/4 Sec 17 T 2</u>	<u>O_N A_</u>	4E WM
(2a) S	STREET ADDRESS OF WELL (or nearest address) 7909 481 S	<del>/</del>		
(3) P	PROPOSED USE   Domestic Industrial  Municipal	(10) WELL LOG or ABANDONMENT PROCEDURE (	ESCRIPTI	ON
(-)	☐ fringation ☐ DeWater Test Well ☐ Other ☐	Formation Describe by color character size of material and structure, and		
(4) T	YPE OF WORK Owner's number of well	and the kind and nature of the material in each stratum penetrated, with change of information	at least one e	entry for each
	(if more than one)	MATERIAL	FROM	то
,	Abandoned ☐ New well ☐ Method Dug ☐ Bored ☐ Cable.— Driven ☐ Cable.— Driven ☐	Brown SITT	0	10
	Reconditioned ☐ Rotary ☐ Jetted ☐	Gray SITTA Clay	10	60
	DIMENSIONS Diameter of well inches	Sitty Fine Sold	60	77
Đ	rilled 103 feet Depth of completed well 205/02 ft	Graf Silty Clay	77	82
(6) C	CONSTRUCTION DETAILS,	med Sand	92	103
٠,	Casing installed		<del>                                     </del>	<del> </del>
٧	Velded 🗁 Diam from thito th		<del> </del>	
1	ner installed ☐		+	<del>                                     </del>
— р	erforations Yes No			<del>                                     </del>
	ype of perforator used	·		
	IZE of perforations in byin		<del> </del>	<del> </del>
_	perforations fromft toft		1	
_	perforations fromft toft			
	perforations fromft toft			
S	creens Yes 🔄 No 🗌			
	lanufacturer s Name			
	ype	PEOPLE		
	lam Slot size from ft to ft	TECEIVE!)		
		Dro	<del>- </del>	
		DEC 1-1 2000	<del> </del>	
<del></del>		W/ 1	+	
	turface seal Yes 🗷 No 🗌 To what depth?ft	Washington State	<del> </del>	
	laterial used in seal	Department of Ecology	<del> </del>	
	ype of water? Depth of strata			
	lethod of sealing strata off			
	PUMP Manufacturer's Name			
	ype HP		<u> </u>	<u> </u>
(8) V	VATER LEVELS Land-surface elevation above mean sea levet #	Work Started 12-20 1999 mpleted 12-	- 22	19 <i>_2</i> 2
	tatic level ft_ below top of wellDate	WELL CONSTRUCTOR CERTIFICATION		
A	rtesian pressure lbs_per square inch Date Artesian water is controlled by		n of this we	dt and da
	(Cap valve etc)	I constructed and/or accept responsibility for constructio compliance with all Washington well construction standard	is Materials	used and
	VELL TESTS Drawdown is amount water level is lowered below static level	the information reported above are true to my best knowled	ge and belie	ď
	as a pump test made? Yes No No If yes by whom?	NAME HOLL DRIVING DUC		
Υ,	ieldgal /min_withft_drawdown afterhrs	(PERSON FIRM OR CORPORATION) (TYPE O		~~ <i>i</i>
	2) 2) 12 9)	Address P.O. Box 1890 milton 4	<del>14' AK</del> X	<u> </u>
	ecovery data (time taken as zero when pump turned off) (water level measured from well	(Signed) Woode Vnegowicen	se N. <i>O5</i>	97
to	p to water level)	(WELL DRILLER)	<del>-</del>	
Tim	e Water Level Time Water Level Time Water Level	Contractor's		
		Registrate 100 *13606- Date 12	<u>-2</u> 2-9	$G_9$
		(USE ADDITIONAL SHEETS IF NECESS	•	. —
	Date of test	(SSE NOST TO THE OTHER TO THE OCCUPANT OF THE	_	
	aller test 25 gal /min with 37 ft drawdown after / hrs	Ecology is an Equal Opportunity and Affirmative Action	emplover	For spe-
	rtesian flowgp m Date	cial accommodation needs, contact the Water Resource		
	emperature of water Was a chemical analysis made? Yes No	407-6600 The TDD number is (206) 407-6006		
		I		_

Yield:	cept responsibility for construction of this well, a	and belief. g Co., Inc.	nce with all
Yield:gal/min. withft. drawdown afterhrs.  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	Start Date 9/27/04 Complete per responsibility for construction of this well, a con reported above are true to my best knowledge Drilling Company Tacoma Pump & Drilling Address 30316 Mountain Highway City, State, Zip Graham, WA 98338	ated Date 9/27 nd its complia and belief. g Co., Inc.	/04 // oce with all
Yield:gal/min. withft. drawdown afterhrs.  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	Start Date 9/27/04 Complete responsibility for construction of this well, a confront reported above are true to my best knowledge  Drilling Company Tacoma Pump & Drilling Address 30316 Mountain Highway	ated Date 9/27 nd its complia and belief. g Co., Inc.	/04 // oce with all
Yield:gal/min. withft. drawdown afterhrs.  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	Start Date 9/27/04 Complete responsibility for construction of this well, a confront reported above are true to my best knowledge  Drilling Company Tacoma Pump & Drilling Address 30316 Mountain Highway	ated Date 9/27 nd its complia and belief. g Co., Inc.	/04 // oce with all
Yield:gal/min. withft. drawdown afterhrs.  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	Start Date 9/27/04 Complete properties of the construction of this well, a confidence of the construction of the confidence of the confide	ated Date 9/27 nd its complia and belief. g Co., Inc.	/04 // oce with all
Yield:gal/min. withft. drawdown afterhrs.  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  Bailer testgal/min. withft. drawdown afterhrs.  Airtest 60gal/min. with stem set at 100ft. forhrs.  Artesian flow	Start Date 9/27/04 Complete construction of this well, a	eted Date 9/27	- F
Yield:gal/min. withft. drawdown afterhrs.   Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)   Time	Start Date 9/27/04 Complete construction of this well, a	eted Date 9/27	- F
Yield:      gal/min. with      ft. drawdown after      hrs.         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         Date of test	Start Date <u>9/27/04</u> Comple	### 15   15   15   15   15   15   15   1	- F
Yield:gal/min. withft. drawdown afterhrs.  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  Bailer testgal/min. withft. drawdown afterhrs.  Airtest 60gal/min. with stem set at 100ft. forhrs.  Artesian flowg.p.m. Date		EP -9 1111:3	6 K 9 C 19 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5
Yield:gal/min. withft. drawdown afterhrs.  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  Bailer testgal/min. withft. drawdown afterhrs.  Airtest 60gal/min. with stem set at 100ft. forhrs.  Artesian flowg.p.m. Date	04-1161-08	9EP -9	PET OF BOALDEY
Yield:gal/min. withft. drawdown afterhrs.  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 testgal/min. withft. drawdown afterhrs.  Airtest 60gal/min. with stem set at 100ft. forhrs.	04-1161-08	9EP -9	PECHEOLUSE
Yield:gal/min. withft. drawdown afterhrs.  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	04-1161-08		PE SON
Yield:gal/min. withft. drawdown afterhrs.  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	04-1161-08		
Yield: gal/min. with ft. drawdown after hrs.  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	04-1161-08		
Yield: gal/min. with ft. drawdown after hrs.  Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)			. ;-d
Yield: gal/min. with ft. drawdown after hrs.  Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)		0.4	. ;-d
Yield: gal/min. with ft. drawdown after hrs.  Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)			·77
Yield:gal/min. withft. drawdown afterhrs.			l
Yield: gal/min. with ft. drawdown after hrs.			
Yield: gal/min. with ft. drawdown after hrs.			<u> </u>
Was a pump test made? Yes No If yes, by whom?		<del></del>	ļ
WELL TESTS: Drawdown is amount water level is lowered below static level		<u> </u>	
(cap, valve, etc.)		_	
Artesian pressurelbs. per square inch Date Artesian water is controlled by			<u> </u>
Static level 10 ft, below top of well Date 9/27/04			
WATER LEVELS: Land-surface elevation above mean sea levelft.	water.		118
	Black, red, gray fine to medium sand,	92	110
Type:H.P.	District Control	100	
PUMP: Manufacturer's Name	Brown silty fine sand.	62	92
Method of sealing strata off	D ii C i	1.5	02
Did any strata contain unusable water? Yes No Type of water? Depth of strata	Trace fine to medium gravel.	50	62
Material used in seal Bentonite Chips	T	<del> </del>	100
Surface Seal: Ves No To what depth? 18 ft.	Grayish brown wet fine silty sand.	38	50
		100	-
Gravel/Filter packed: Yes No Size of gravel/sand Materials placed from ft. to ft.	Moist to wet fine brown silty sand.	10	38
Diam. 5 Slot size sump from 113 ft. to 118 ft.		1	20
Type S.S. Model No.  Diam. 5 Slot size 010 from 108 ft. to 113 ft.	Brown silty fine to medium sand.	4	10
	5 31 6 1	<del>-  </del>	1.0
Manufacturer's Name Johnson	Soft brown topsoil.	0	4
Screens: Yes No K-Pac Location 102	MATERIAL Soft brown to resil	FROM	TO
SIZE of perfsin. by in. and no. of perfsft. toft.	information indicate all water encountered. (USE ADDITIO		T
Type of perforator used	nature of the material in each stratum penetrated, with at le	ast one entry for ea	ich change of
Threaded "Diam. from ft. to ft.	Formation: Describe by color, character, size of material at	· · - ·	<del></del>
Casing         Welded         6         Diam. from +1.5         ft. to 106         ft.           Installed:         Liner installed         "Diam. from from ft. to ft.         ft. to ft.         ft.	CONSTRUCTION OR DECOMMISS	ON PROCED	URE
	1 un 1 dittel 140. 0 120203010		······
Depth of completed well 118 ft.  CONSTRUCTION DETAILS	Tax Parcel No. 0420205018	_	
	still REQUIRED ) Long Deg I	ong Min/Sec	·
□ Deepened □ Cable ☑ Rotary □ Jetted  DIMENSIONS: Diameter of well 6 inches, drilled 118 ft.			
☑ New well ☐ Reconditioned Method: ☐ Dug ☐ Bored ☐ Driven	Lat/Long (s, t, r Lat Deg L		
TYPE OF WORK: Owner's number of well (if more than one)	Location NE 1/4-1/4 NE 1/4 Sec 20 Twn 20	R4 EWA	circle
DeWater Irrigation Test Well Other			
PROPOSED USE: Domestic Industrial Municipal	City Fife County Pier		
156782 of Intent Number	Well Street Address 4802 Freeman Road	South	
Decommission ORIGINAL INSTALLATION Notice	Property Owner Name Mark Hoeks		
Construction	Water Right Permit No.		
Construction/Decommission	Unique Ecology Well ID Tag No. AKN		
ECOLOGY		507	
Transfer traff - Original - Ecology, 1 - copy - owner, 2 - copy - driller			
original – Ecology, 1st copy – owner, 2nd copy – driller	Notice of Intent No. W165115		
Water Well Report Original - Ecology, 1st copy - owner, 2nd copy - driller	Current Notice of Intent No. W165115		

Water Well Report	Current WE02622		
Original - Ecology, 1st copy - owner, 2nd copy - driller	Notice of Intent No. WE02633		<del></del>
E C 0 L 0 G Y  Construction/Decommission	Unique Ecology Well ID Tag No. AKN 58	9	
☑ Construction	Water Right Permit No.		
Decommission ORIGINAL INSTALLATION Notice	Property Owner Name Dana Winslow		
754980 of Intent Number	Well Street Address 4812 Freeman Road E	ast	
PROPOSED USE: Domestic Industrial Municipal	City Puyallup County Pierce	•	_
DeWater Irrigation Test Well Cther			circle
TYPE OF WORK: Owner's number of well (if more than one)	Location <u>NW</u> 1/4-1/4 <u>NE</u> 1/4 Sec <u>20</u> Twn <u>20</u>	WWN	d One
✓ New well     ☐ Reconditioned     Method : ☐ Dug     ☐ Bored     ☐ Driven       ☐ Deepened     ☐ Cable     ✓ Rotary     ☐ Jetted	Lat/Long (s, t, r Lat Deg Lat		
DIMENSIONS: Diameter of well 6 inches, drilled 116 ft.  Depth of completed well 115 ft.	still REQUIRED ) Long Deg Lon	ng Min/Sec	;
CONSTRUCTION DETAILS	Tax Parcel No. 0420205019		
Casing         ✓ Weided         6         " Diam. from +1.5         ft. to 108.5         ft.           Installed:         ☐ Liner installed         " Diam. from ft. to ft. to ft.         ft. to ft.			
Threaded Diam. from ft. to ft.	CONSTRUCTION OR DECOMMISSIO		
Perforations: Yes V No	Formation: Describe by color, character, size of material and nature of the material in each stratum penetrated, with at least		
Type of perforator used	information indicate all water encountered. (USE ADDITION		
Screens: Yes No K-Pac Location 106	MATERIAL Brown topsoil silty sand.	FROM 0	9
Manufacturer's Name Johnson	Brown topson sitty sand.	0	,
Type Stainless Steel Model No.	Black with red sand some gravel silt	9	<del>                                     </del>
Type         Stainless Steel         Model No.           Diam.         5.5         Slot size         from 110         ft. to 115         ft.           Diam.         Slot size         from ft. to ft.         ft.         ft.	some water.	,	60
Gravel/Filter nacked: Yes No Size of gravel/sand			
Materials placed fromft. toft.	Gray clay fine sand.	60	75
Surface Seal:  Yes No To what depth? 18 ft.			
Material used in seal Bentonite Chips	Gray fine silty sand some water.	75	97
Did any strata contain unusable water?		07	114
Method of sealing strata off	Black/red sand silt water bearing.	97	114
PUMP: Mamufacturer's Name	Gray clay.	114	116
Type:H.P.			
WATER LEVELS: Land-surface elevation above mean sea levelft.		*, *	
Static level 14 ft. below top of well Date 9/16/04	• •		ļ
Artesian pressure lbs. per square inch Date			
Artesian water is controlled by(cap, valve, etc.)	KE EN EN	)	
WELL TESTS: Drawdown is amount water level is lowered below static level	050 0 0004	<del>_</del>	
Was a pump test made? Yes No If yes, by whom?	SEP 2 3 2004		1
Yield:gal/min. withft. drawdown afterhrs.  Yield:gal/min. withft. drawdown afterhrs.			
Yield: gal/min. with ft. drawdown after hrs.	Washington State		1
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	Department of Ecolog	у	· · · · · · ·
Time Water Level Time Water Level Time Water Level			
	04-1164-08		
D. C.			
Date of test			<del> </del>
Airtest 25-30 gal/min. with stem set at 110 ft. for 1 hrs.			
Artesian flow g.p.m. Date			<b>†</b>
Temperature of water Was a chemical analysis made?  Yes  No			
	Start Date 9/16/04 Complete	ed Date <u>9/16</u>	/04
WELL CONSTRUCTION CERTIFICATION: I constructed and/or according	ept responsibility for construction of this well, and	its complia	nce with all
Washington well construction standards. Materials used and the information	n reported above are true to my best knowledge ar	id belief.	
Driller/Engineer/Trainee Name (Print) Mark Wiese	Drilling Company Tacoma Pump & Drilling	Co., Inc.	
Driller/Engineer/Trainee Signature			<del> </del>
Driller or trainee License No. 2432	City, State, Zip Graham, WA 98338		
If TRAINEE, Driller's Liceased No.	Contractor's	n . 0/00/0	
Driller's Signature	Registration No. TACOMPD203PF  Ecology is an Equal Opportunity Employer.		-1-20 (Rev 2/03)
	, — жолову в ан варин Орронинну Employor.	EC I WU	-1-20 (REV 2/US)

### WATER WELL REPORT

Start Card No. 20 09/983

File Original and First Copy with UNIQUE WELL I.D. # AE 1. - 436 Department of Ecology STATE OF WASHINGTON Second Copy - Owner's Copy Third Copy - Driller's Copy Water Right Permit No. Sess/er Summer un 98390 John Address 1504 FRYOR AVE. OWNER: Name (1) T 20 NR 4E WM Pierce LOCATION OF WELL: County (2a) STREET ADDRESS OF WELL: (or nearest address) 4723 Freeman PROPOSED USE: Domestic Imigation ☐ Industrial ☐ Municipal (10) WELL LOG of ABANDONMENT PROCEDURE DESCRIPTION ☐ Test Well □ Other Formation: Describe by color, character, size of material and structure, and the kind and nature of the material in each stratum penetrated, with at ☐ DeWater least one entry for each change of information. Owner's number of well (if more than one) AEN - 436 TYPE OF WORK: (4) New well
Deepened Method: MATERIAL FROM ☐ Bored □ Dug torsair 0 Brown □ Reconditioned Cable ☐ Driven Ē" 75 Krown □ Jetted 281 DIMENSIONS: inches 15 Diameter of well 3/1 test. Depth of completed well Drilled 3/1 CONSTRUCTION DETAILS 521 Casing Installed: 80 tt. to <u>/ 06</u> Diam. from +2 Welded
Liner installed Diam. from ft. to groy sava RO? Diam. from ft. to □ Threaded ☐ Yes 🗸 No Perforations: Type of perforator used SIZE of perforations ft. to "It. perforations from perforations from ft. to Ħ perforations from Yes □ No Screens: Cook Manufacturer's Name Ξ .. scanless Steel Model No. Туре \_ ft. to \_\_\_\_\_\_/ Slot size Diam. ☐ Yes X No Gravel packed: Size of gravel Gravel placed from Surface seal: X Yes □ No To what depth? Suable water? 

Yes No Material used in seal \_\_\_\_ Did any strata contain unusuable water? Type of water? \_ \_ Depth of strata Method of sealing strata off PUMP: Manufacturer's Name H.P. Type: WATER LEVELS: Land-surface elevation above mean sea level , 19<u>94</u>. Completed <u>7//4</u>, 19<u>9</u>9 tt. below top of well Date <u>7//3/99</u> lbs. per square inch. Date Artesian pressure Artesian water is controlled by WELL CONSTRUCTION CERTIFICATION: (Cap. valve, etc.) 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 knowledge and belief. hrs gal./min. with 2'-1" HOKKAIDO DRILLING, INC. Yield: tt. drawdown after hrs. gal/min. with 2'-7" ft. drawdown after 11/2 (Person, Firm, or Corporation) (Type of Print) Yield: hrs. P.O. BOX 100, GRAHAM, WA 98338-0100 Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level) (Signed) Excel Flave ( &D) Water Level Time Water Level Contractor's HOKKADD178D3 Date JULY 15 19 99 Date of test (USE ADDITIONAL SHEETS IF NECESSARY) Bailer test

\_ Was a chemical analysis made? 📈 Yes ECY 050-1-20 (7/97)

Airtest

Atesian flow

gal/min. with stem set at

ft. for

g.p.m. Date

hrs

Ecology is an Equal Opportunity and Affirmative Action employer. For special accommodation needs, contact the Water Resources Program at (360) 407-6600. The TDD number is (360) 407-6006.

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

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report.

### WATER WELL REPORT

Start Card No. W 10318

STATE OF WASHINGTON

UNIQUE WELL I.D.

то сору	Water right rank No.	
OWNER: Name L+ M Lyon 5	Address 8315 4972 STE Pupaliu	
) LOCATION OF WELL: County PIERCE CO	NEWNEW Sec 20 T 20N.	, r <u> 4</u> <b>E</b> w.m.
a) STREET ADDDRESS OF WELL (or nearest address) 8315 49		
PROPOSED USE: Domestic Industrial Municipal Dewater Test Well Other	Exercises Describe by color character size of material and struc	ture, and show
TYPE OF WORK. Owner's number of well	thickness of equifers and the kind and nature of the material in each stra- with at least one entry for each change of information.	ITUM Penetrateo
William Charles To December 1	3 ROWN MATERIAL FROM	
Deepened  Cable Driven	BROWN GILLY DOIL	3
Reconditioned 🗆 Rotary 🗆 Jetted 🗆	U TENTE DI 17	
DIMENSIONS: Diameter of well 671 inches	BLACK Red + WRITE SAID 8	- 78
Drilled 135 feet. Depth of completed well 135 ft	GRAY SILT 45	
	5.14 +SAND MYERD 75	
CONSTRUCTION DETAILS:	BLACK Red GRAY White 126	<u> </u>
Casing installed: ft. toft. to	.п.	
Welded ft. to ft. to		
Threaded Diam. from tt. to	.ft.	
Perforations: Yes No		
Type of perforator used	_	
SIZE of perforations in. by	in.	
perforations from ft. to	.tt.	-
perforations fromft. to		
periorations iron)tit.vv	ft.	
Screens: Yes K No		
Manufacturer's Name		
Type		
Diam.		
DiamSlot sizefromft. to	-п.	
Gravel packed: Yes No Size of gravel		
Gravel placed fromft. to	_ff	
Surface seal: Yea No To what depth? 18,6  Material used in seal Barrow Chips	_ft.	
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:		
B) WATER LEVELS: , Land-surface elevation above mean sea level		
Static level		
to the support of postsolind by	1	
(Oap, vaive, etc./)	Work started 128-94 19. Completed 2-3-9	<u> </u>
9) WELL TESTS: Drawdown is amount water level is lowered below static lev	vei [	
Was a pump test made? Yes No to to yes, by whom? Yield: gal./min. with ft. drawdown after	well constructor certification:	ion of this we
	" and its compliance with all Washington well construct	tion stanuart
0 0 0	Materials used and the information reported above are t	rue to my be
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	HOLT TESTENS INC	YPE OR PRINT)
	(PERSON, PIRM, OR CONFORMICA	
	Address 1002 TODO RD. E. Au	•
Date of test	(Signet) Yaren Sternie No.	2094
Bailer test 9 gal./min. with 17 ft. drawdown after Yz	hra. 1 (WELL DRILLER)	
Airtest gal. / min. with stem set at ft. for	Communication	/
Artesian flow	No Date 2-3-74	<u>/, 19_</u>
Temperature of water Was a chemical analysis made? Yes No	(USE ADDITIONAL SHEETS IF NECESSAR	(Y) <b>▲</b> =
Temperature of water was a chemical analysis made. Too 100	I (USE ADDITIONAL SHEETS II NECESSAII	~ 477

File: Orig. & First Copy - Dept of Ecology Orig. & First Copy - Dept of Ecology WATER WELL REPORT
Second Copy - Owner; Third Copy - Driller State of Washington

WATER WELL REPORT

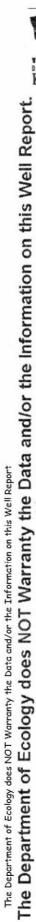
Start Card No. W089304 Unique Well ID ACM685

Water Right Permit No.

(1) OWNER: Name WAYNE WOODS Address 14703-105TH AVE CT E PUYALLUP WA 98374 Page 1 of (2) LOCATION OF WELL: County PIERCE NW 1/4 NE 1/4 Sec 20 T 20 N R 4 E (2a) STREET ADDRESS OF WELL (or nearest address) 8009 3 50TH ST PUYALLUP WA

	PROPOSED USE: DOMESTIC	(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIPTION		
(4)	Type of work: NEW WELL Method: ROTARY	Material Fro	om To	
(5)	DIMENSIONS: Diameter of well 6 inches.	BLACK TOPSOIL 0	6	
	Drilled 99 feet. Depth of completed well 99 ft.	BLACK SANDY LOAM 6	24	
		BLACK SANDY LOAM, SOME GRAVEL 24	36	
(6)	CONSTRUCTION DETAILS:	GREY SILTY SAND 36	72	
	Casing instld: 6 Diam. from 0 ft. to 94.2 ft.	LOOSE SILTY SANDS, SOME GRAVEL 72	99	
	Welded X Diam. from ft. to ft.			
	Liner _ TDiam. from ft. to ft.	***************************************		
	Threaded _			
	Perforations: Yes _ No X		_	
	Type of perforator used			
	Size of perforations in. by in.			
	perforations from ft. to in.			
	perforations from ft. to in.		i	
	perforations from ft. to in.			
	44.90.			
	Screens: Yes X No _			
	Manufacturer's Name JOHNSON			
	Type STAINLESS Model No		_  _	
	Diam 6 Slot size 15 from 94.2 ft. to 98.7 ft.		<u> </u>	
	Diam Slot size from ft. to ft.		<u> </u>	
	Gravel packed: Yes _ No X Size of gravel		-	
	Gravel placed from ft. to ft.		—i —	
	Surface seal: Yes X No _ To what depth? 19 ft.			
	Material used in seal BENTONITE		<b>-</b> !	
	Did any strata contain unusable water? Yes _ No X			
	Type of water? Depth of strata			
	Method of sealing strata off			
(7)	PUMP: Manufacturer's Name Jacuzzi			
` ′	Type 5BS410-8 H.P. 0 .50		<u> </u>	
(8)	WATER LEVELS: Surface elev above mean sea level ft.			
	Static level 11.4 ft. below top of well Date 12/09/96		<u> </u>	
	Artesian pressure lbs. per sq. in. Date		—ļ —	
	Artesian pressure is controlled by	ļ <del></del>	I <b></b>	
(9)	WELL TESTS: Pump test made? By whom?	Work Started 12/05/96 Completed 12/09/96		
, - ,	Yield 0 gal./min. with ft. drawdown after hrs	-		
	Yield 0 gal./min. with ft. drawdown after hrs	WELL CONSTRUCTOR CERTIFICATION:		
	Yield 0 gal./min. with ft. drawdown after hrs	I constructed and/or accept responsibility for const	truction	
	Recovery data:	this well, and its compliance with all Washington we		
т	e Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl.	ruction standards. Materials used and the informatio	on repor	
		above are true to my best knowledge and belief.		
		Name RICHARDSON WELL DRILLING		
		Address P.O. Box 4442/7 Tacoma WA 98444		
	e of test	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	st 0 gal/min with ft. drawdown after hr	(Signed) 4 1 Tell Lic. No 20	111	
	gal/min with stem set at 93 ft. for 1 hrs	(Well Driller)	10/1	
	ow O gal/min Date	Contractor's Registration No. RICHAW=3210B Dat	te 12/16	

of water Was chemical analysis made? NO Based on form ECL 050+1-20 (2/93)\*\*f-1329- by Speed Systems Co





## **Well Tagging Form**

Unique Well Tag No: AKB 306

RECORD VERIFICATION (check ✓one)
Well Report available (please attach this form to the well report and submit it to the Ecology Regional Office near you).  If a well report is not available, please complete a "Water Well Report for an Existing Well" form. This form is available at Ecology's headquarters office. Do not use this form for wells that do not have a Water Well Report.
WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT
First Name: Steve Last Name: Narrington  Street Address: P.O. Box 542  City: Fast Olympia State: WA 98540
LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT
Well Address: Eggi wann Water System 1/c  City: Fife County: Pierce  T. 20N N. R. 04E W.M. Sec. 20 NW 1/4 of the NE
FOR AGENCY USE ONLY
Latitude
Location marked on air photo (please attach)

Application	No.		
		1	
Dermit Ma			

WATER	WELL REPORT	
STATE	OF WASHINGTON	

(1) OWNER: Name Ernest V. Schaaf	Address 5013-80th Ave. Ct. E. Puyal	Lup, Wa	9837	
(2) LOCATION OF WELL: County Pierce		20.N. R.	4E. 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, an show thickness of aquifers and the kind and nature of the material in eac stratum penetrated, with at least one entry for each change of formation.		cture, and al in each formation.	
(4) TYPE OF WORK: Owner's number of well xx 2	MATERIAL	FROM	TO	
New well Method: Dug Bored	Silt-grey	0	2	
Deepened ☐ Cable ☑ Driven ☐ Reconditioned ☐ Rotary ☐ Jetted ☐	Grey silty sand	2	12	
	Brown silty sand	12	19	
(5) DIMENSIONS: Diameter of well8inches.	Brown sand	19	25	
Drilled 283 it. Depth of completed well 283 ft.	Fine to medium dark sand	25	48	
(a) GONGMANIONIONI DEMANIC	Sandy brown silt	48	57	
(6) CONSTRUCTION DETAILS:	Dark fine to medium sand, heaving	40	31	
Casing installed: 8 "Diam. from 0 ft. to 273 ft.	material material	- 57	63	
Threaded Threaded ft. to ft.	Dark fine to medium sand-heaving	31	03	
Welded 🔀	material material	63	69	
Perforations: Yes No Fi	Grev silt	69	75	
Type of perforator used		75		
SIZE of perforations in. by in.	Grey sand	1	81	
perforations from ft. to ft.	Grey clay	81	93	
perforations from ft. to ft.	Grey sand	93	138	
perforations from ft. to ft.	Grey clay & silt	138	153	
Screens: yes 🛭 No 🗆	Grey sandy silt	153	172	
Manufacturer's Name Johnson Well	Grey clay	172	183	
TypeStainless steel Model No.	Silty sand (grey)	183	218	
Diam8 Slot size15-20rom273ft. to283. ft.	Grey clay	218	238	
Diam Slot size from ft. to ft.	Silty brown sand	238	253	
Canal makadi	Sandy silt	253	_258	
Gravel packed: Yes □ No ⊠ Size of gravel:	Brown silty sand	258	262	
Gravel placed fromft. toft.	Water bearing sand and gravel			
Surface seal: Yes No   To what depth? 19 ft.	brown in color	262	273	
Material used in seal Bentonite	Brown silty sand	273	285	
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: НР				
(A) THE PROPERTY OF THE PROPER				
(8) WATER LEVELS: Land-surface elevation above mean sea level				
Static level XXXXXXXXX ft. below top of well Date 6-23-83.				
Artesian pressurelbs. per square inch Date				
Artesian water is controlled by (Cap, valve, etc.)				
(6) TYPET Y MYCCHIC Drawdown is amount water level is				
(9) WELL TESTS: Drawdown is amount water level is lowered below static level	Work started 6-8 19 83 Completed	5-23	19 83	
Was a pump test made? Yes □ No ※ If yes, by whom?				
Yield: gal/min. with ft. drawdown after hrs.	WELL DRILLER'S STATEMENT:			
······································	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 (b) (water level measured from well top to water level)				
Time Water Level   Time Water Level   Time Water Level	NAME Richardson Well Drilling Co. (Person, firm, or corporation) (Type or print)			
DEPARTMENT OF ECOLOGY		12 day 7.		
DEPARTMENT OFFICE	Address P.O. Box 44427 Tacoma, Wa.	8444		
2001/11/Co.	1111			
Date of test	Signed			
Bailer test 60 gal/min, with 8 ft. drawdown after 1 hrs.	(Well Driller)		1911	
Artesian flow	License No. 0419 Date 7-12		19 83	
remperature of water	Lacense Ito		, 13	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report



Unique Well ID Number A E F 3 3 8X Y Z 1 2 3

### WELL TAGGING FORM

All shaded areas must be completed.

Date of Field Visit 3-4-99 By matt +	- Seatt
ADDITIONAL WELL IDENTIFIERS	
Department of Health System ID Number 22585 = S	ource # SO /
USGS Site IdentificationOther	
RECORD VERIFICATION	
✓ Well Report available (please attach)  ☐ Well Report not available  ☐ Verification inconclusive	
WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT	
Name EGGIMANN WATER SYSTEM	
Street Address 5013 80TH AVE CT E	
City FIFE State Wh. 98	424
LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT	
Well Address 50/3 80 TU AUC CTE	
City FIFE County PIERCE  T. 20 N. R. 04 E W.M. Sec. 20 Nu	) 1/4 of the NE 1/4
Latitude 47 ° 12 ' 41,2"  Longitude 122 ° 19 ' 15,0 "	☐ GPS (raw data) ☐ GPS (corrected) ☐ Topographic Map ☐ Survey ☐ Computer Generated ☐ Other
Elevation at land surface feet/meters (circle one)	☐ Digital Altimeter☐ Topographic Map☐ Other

Location marked on topog	raphic map (p	olease attach)				
Location marked on air pho	oto (please at	tach)				
Vater right #		Priority Date				
Circle One: Application	Permit	Certificate	Claim	Exempt		
WELL CHARACTERISTIC	CS					
Physical Description of Well  The Party Nove  Location of Well Identificati  Was supplemental tag neede  NO YE  If yes, where was tag placed'  Scale 1:24,000 (1"=2	ion Tag: The 8 ed for ease of S ?	"Casing		): 8"Cad	ad eviel	less
		- A	STATE			
Indicate the location of	f the well w	vithin	D	$\frac{1}{1}$ $X$	OB. I	A
the Section by drawing point.	g a dot at tl	nat		-+		
			E	1 F	G j	H
SECTION 20				To the second		
			M	l L	K [	J
TOWNSHIP 20			No. of Concession, Name of Street, or other party of the Concession, Name of Street, or other pa			
TOWNSHIP 20 RANGE 04E				- <del>1</del>		 R



### **Pierce County** Assessor-Treasurer's Office







Parcel:

R0420201109

Name:

EGGIMANN MARGARET L

Site Address:

8016 50TH ST E

**Use Code:** 

Mailing Address: 8016 50TH ST E, FIFE WA 98424 1101 SINGLE FAMILY DWELLING.

Mh Code:

Click One

Tax &

Land Assessment Characteristics Characteristics

Building

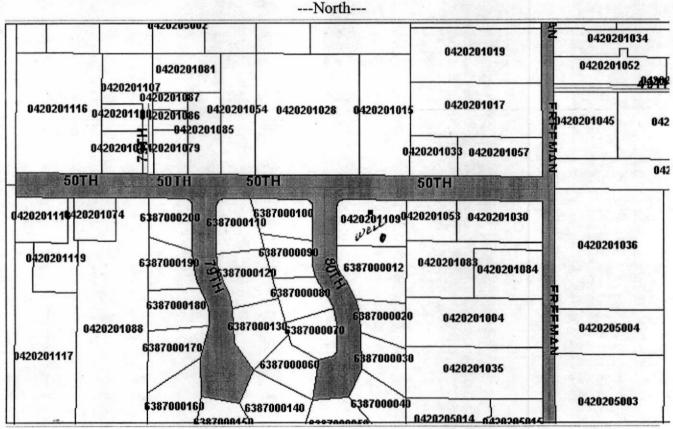
Parcel Map

Recorded Data

Back to Search

Zoom Level: 5.0

Zoom



#### Pierce County Assessor-Treasurer

2401 South 35th St Room 142 Tacoma, Washington 98409 (253)798-6111 or Fax (253)798-3142

I acknowledge and agree to the prohibitions listed in RCW 42.17.260(9) against releasing and/or using lists of individuals for commercial purposes.

File: Orig. & First Copy - Dept of Ecology Second Copy - Owner; Third Copy - Driller

#### WATER WELL REPORT State of Washington

Start Card No. W 054843 Unique Well ID 1

NW 1/4 NE 1/4 Sec 20 T 20 N R 4 E

Water Right Permit No.

(1) OWNER: Name LINDA BLODGET
(2) LOCATION OF WELL: County PIERCE

Address 25502 NEADHAM RD E ORTING WA 98360

Page 1 of

(2a) STREET ADDRESS OF WELL (or nearest address) 5110 FREEMAN RD ORTING WA

(3) PROPOSED USE: DOME	STIC			(10) WELL LOG OF DECOMMISSIONING PROCEDURE DESC	CRIPTION	
(4) Type of work: NEW Method: ROTA			-   	Material	From	То
(5) DIMENSIONS: Diamet	er of well 6 eet. Depth of complet	inche	es.	BLACK TOP SOIL BLACK SANDY LOAM	0	6 24
(6) CONSTRUCTION DETAI Casing instld: 6 Welded X Liner _ Threaded	LS: Diam. from 0 Diam. from Diam. from	ft. to	ft. ft.	BLACK SANDY LOAM, SOME GRAVEL GREY SILTY SAND GREY SILTY SAND SOME GRAVEL GREY SILTY SANDS, WATER	24   37   56   61 	37 56 61 111
perfor	used	ft. to	in.   in.   in.			
Screens: Yes X No Manufacturer's Nam Type STAINLESS Diam 6 Slot Diam Slot	e JOHNSON Me size 16 from 107		ft.	.0. 30		
Gravel packed: Yes	_ No X Size of gra- ft. to		ft.	<u></u>		<u> </u>
Material used in a	tain unusable water?		ft.			
(7) PUMP: Manufactures	's Name	н.р. 0	{     			   
(8) WATER LEVELS: Suri Static level 12 Artesian pressure Artesian pressure	ft. below top of the lbs. per sq. i	well Date 05/26/	ft. 95			
Yield 0 gal	/min. with ft. dr	awdown after awdown after	hrs hrs hrs	WORK Started 05/25/95 Completed 05/26  WELL CONSTRUCTOR CERTIFICATION:  I constructed and/or accept responsibility for this well, and its compliance with all Washing ruction standards. Materials used and the in above are true to my best knowledge and believed to the construction of the	or constru ngton well formation	const
Airtest 25 gal/mi	n with stem set at 100 gal/min Date	awdown after ft. for 1 hr	hr  :8	(Signed)  (Well Driller)  Contractor's Registration No. RICHAW+3210B  Based on form ECL 050-1-20 (2/93)**f-1329- by		06/08/

File Original and First Copy with
Department of Ecology Second Copy — Owner's Copy
Third Copy — Dri. er's Copy

#### WATER WELL REPORT

Application 1	No
---------------	----

STAT	E OF WASHINGTON	Permit No	
(1) OWNER: Name Michael Bladgett	Address 8/05 52m		- ·
(2) LOCATION OF WELL: County Beginning	1218 LA SO IS SUINE NING	VE WA 2 D- A A-	
Bearing and distance from section or subdivision corner	co	KALLAN Sec. M. T. L. R., R	
(3) PROPOSED USE: Domestic [D Industrial   Muni	icipal [] (10) WELL LOG:		
Irrigation □ Test Well □ Othe		character, size of material and see	trafure and
	show thickness of aquifers and stratum penetrated, with at le	character, size of material and str d the kind and nature of the mater east one entry for each change of	rial in each
(4) TYPE OF WORK: Owner's number of well (if more than one)	MATER		<del></del>
	ored D		
	etted	16	30
	Sand I Death	. 30	45-
	inches. Blick faily Cl	4 315	150
Drilled J. J. ft. Depth of completed well 9 2.4	Say Clay	150	195
(6) CONSTRUCTION DETAILS:	Adady ingition	- 195	230
Casing installed: 6 " Diam from 0 ft. to 2	750 Any Clay	220	235
Threaded [	" Stack Hone	235	255
Welded 🔛	n Sonda Stoutu	raturaling 255	275
Perforations: Yes   No			
Type of perforator used			
SIZE of perforations in. by			<del> </del>
perforations from ft. to	<b>.</b>		
perforations from ft. to perforations from ft. to ft. to			
Screens: Yes D No Z	I REC	EIVE	
Manufacturer's Name Model No			
Diam, Slot size from tt. to		7 - 1074	
Diam. Slot size from ft, to	n VEG	1 5 1975	
Gravel packed: Yes No No Size of gravel:	DEPARTMEN	WI OF FOR	
Gravel placed from ft. to	southwest	NT OF ECOLOGY	<del> </del>
· · · · · · · · · · · · · · · · · · ·	/ -	GERICE CEFICE	
Surface seal: Yes No To what depth?			·
Did any strata contain unusable water? Yes	No D		
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			<del>                                     </del>
Static level ft. below top of well Date // -	14-74		
Artesian pressurelbs. per square inch Date //	· · · · · · · · · · · · · · · · · · ·		<del></del>
Artesian water is controlled by CAP (Cap, valve, etc.)			
(9) WELL TESTS: Drawdown is amount water level in lowered below static level of	. 1	19.74. Completed /1 - 23	19.26
Was a pump test made? Yes No   If yes, by whom? No. 4.  Yield: / O gal./min. with ft. drawdown after	WELL DRILLEDS CO		<del></del>
" " " " " "			
11 11 11	" true to the best of my kn	nder my jurisdiction and this owledge and belief.	report is
Recovery data (time taken as zero when pump turned off) (water	er level	_	
measured from well top to water level)  Time Water Level   Time Water Level   Time Water	Level NAMEPIGNES Y	64 Dubbing	
This Water	(Person, firm	, or corporation) (Type or p	orint)
	Address 5720 144 at	NW Sig Hawber	-, W71
			,
Date of test	[Signed] anald	Dews	
Bailer test gal/min. with ft. drawdown after		(Well Driller)	
Temperature of water		Date / 1-26	1976
	<b>I</b>		

#### WATER WELL REPORT

Alt. Original and First Copy with separtment of Ecology cond Copy — Owner's Copy ird Copy — Driller's Copy	WATER WE		Application N	16.00	in di Market
(1) OWNER: Name Carl Schenk	•	Address D /) Roy QQ Sumn	on We 08390	14 (1)	
2) LOCATION OF WELL: County P			, Sec 20 T. 2	0 N 25	1.0
Bearing and distance from section or subdivision of			, sec. C. 1.2		W.M.
3) PROPOSED USE: Domestic 5 Inde	ustrial [ Municipal [	(10) WELL LOG:		1.4.73	18 CO 18
f Irrigation ☐ Test	t Well   Other	Formation: Describe by color, charc show thickness of aquifers and the stratum penetrated, with at least o	icter, size of material kind and nature of t ne entry for each cl	and structured the material	cture, and al in each
2) TYPE OF WORK: Owner's number of (if more than one)	)	MATERIAL	197 - 185 <b>43 .1</b> 77.27	FROM	TO
New well   Method  Deepened □  Reconditioned □	Cable Driven Rotary R Jetted	surface soil brown loam		0 %	31
		silty gray black sand	in the same of the	151	221
(5) DIMENSIONS: Diameter of w	vell 8 inches.	black sands & gravels heaving gray sands la	layers wood	221	71'
© CONSTRUCTION DETAILS:		& brown clay some lay	ers wood	71'	1531
Casing installed: 8 Diam. from	0 ft. to 252 ft.	gray heaving sands		153'	171
Threaded [] "Diam. from	ft. to ft.	heaving gray sands la		T7.1	0.70
Welded 🗗	ft. to ft.	sticky gray clay	10	212	212'
Perforations: Yes   No M		fine silty gray heavi	ng sanda	- 412	
Type of perforator used		& wood		2171	214"
SIZE of perforations ir	n. by ft.	course sands & gravel	.8	21141	2521
perforations from	ft. to ft.				, , , , , , , , , , , , , , , , , , ,
perforations from	ft. to ft.	v			49 35
Screens: Yes No 🗆		07 41		3 197.	20 3
Manufacturer's Namejohnson	Model No	***************************************		1 100	8th \$2.
Diam Slot size080. from	241 st. to 246.5				Y - 342
Diam Slot size from .	ft. to ft.	1			date
Gravel packed: Yes □ Now Size	of gravel:	18 18 18 18 18 18 18 18 18 18 18 18 18 1	that is a second	Program	21 18
Gravel placed from f	t. to ft.	315		1 1	2.04
Surface seal: Yes No   No   To what	t depth?20 ft.				M - 100
Material used in seal bentonite	er? Yes NoX			17 27	1914 Mary
Did any strata contain unusable wat Type of water? Depth			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		12 10 10
Method of sealing strata off	31 31 31 31				4, 1798
(7) PUMP: Manufacturer's Name			4.34		100 M
Туре:	н.Р		122		1 040 402
3) WATER LEVELS: Land-surface eleabove mean sea	evation				L. Car
Static level plus 5 ft. below top of v	well Date 4-25-86		The state of	190	<b>医 医</b>
Artesian pressurelbs. per square in			and the state of	7794	- WA
Artesian water is controlled by	(Cap, valve, etc.)				13"
(9) WELL TESTS: Drawdown is amo	ount water level is	1	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Was a pump test made? Yes □ No □ If yes, by	whom? S-K Pumps	Work started	100000000000000000000000000000000000000	25	, 19.85
rield: 205 gal./min. with 44.5ft. drawd	down after L hrs.	WELL DRILLER'S STAT This well was drilled under	STATE OF STATE	and this	report is
u ,		true to the best of my knowle			is Sale
decovery data (time taken as zero when pump measured from well top to water level)		NAME Stoican Drillin	g Inc.		
Time Water Level Time Water Level Recovery I min. 40 sec. to p	Time Water Level	(Person, firm, or	W	Type or p	rint)
2 200 0	, , , , , , , , , , , , , , , , , , , ,	Address 32519 Mt Hwy Ea	tonville Wa S	8328	
	3.1	( Do	00	1	1. 新寶。
Date of test 129-86	wdown afters has	[Signed] Chan	(Well Driller)	our	
Artesian flowg.p.m. Date.	3	1065	,,	7	01
Temperature of water Was a chemical anal	lysis made? Yes 😝 No 🗌	License No	Date5	/	, 1926

Alberra .

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report



### **Pierce County** Assessor-Treasurer's Office







Parcel:

R0420205010

Dec-21-2000, 03:29 PM

Name:

SCHENK CARL M & SHIRLEY E

Site Address:

5104 & 5112 85TH AVE E

Mailing Address: PO BOX 99, SUMNER WA 98390

**Use Code:** 

6376 GENERAL WAREHOUSING AND STORAGE.

Mh Code:

Click One

Tax & Assessment

Land Characteristics

Parcel Map

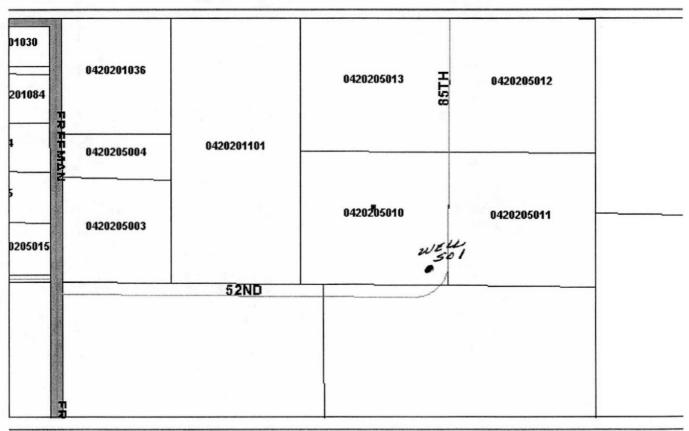
Recorded Data Back to Search

Zoom Level: 5.0

Zoom

---North---

RTSQ: 04-20-20-1-1 School Dist: Puyallup



#### Pierce County Assessor-Treasurer

2401 South 35th St Room 142 Tacoma, Washington 98409 (253)798-6111 or Fax (253)798-3142





Unique Well ID Number  $\frac{A}{X} \stackrel{C}{Y} \stackrel{V}{Z} \stackrel{5}{1} \stackrel{4}{2} \stackrel{9}{3}$ 

### WELL TAGGING FORM

All shaded areas must be completed.

Date of Field Visit 1-30-98 By Matt	Blundell	
ADDITIONAL WELL IDENTIFIERS		
Department of Health System ID Number 34934 B	Source # SO /	
USGS Site IdentificationOther		
RECORD VERIFICATION		
<ul> <li>☑ Well Report available (please attach)</li> <li>☐ Well Report not available</li> <li>☐ Verification inconclusive</li> </ul>		
WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT		
Name SCHENK WATER SYST	EM	
Street Address P.O. Box 99		
City Sumver State WA.	98390	
LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT		
Well Address <u>5112</u> 85TH AVE E City County <u>PIEMC</u> T. <u>20 N. R. 04 E W.M. Sec. 20 SE</u>	=	
T. 20 N. R. 04 E W.M. Sec. 20 SE	1/4 of the NE	1/4
Latitude N 47 0 12 ' 36.74 "  Longitude 2012 0 18 ' 56.13 ="	☐ GPS (raw data) ☐ GPS (corrected) ☐ Topographic Map ☐ Survey	
241	☐ Computer Generated ☐ Other	
Elevation at land surface feet/meters (circle one)	☐ Digital Altimeter☐ Topographic Map☐ Other	

dditional informati	on, if avai	lable:						
Location marked	on topogr	aphic map (j	olease attach)				•	
Location marked	on air pho	to (please at	tach)					
Vater right #			Priority Date					
Circle One: Appli	ication	Permit	Certificate	Claim	Exe	empt		
WELL CHARACT	TERISTIC	S				-		
Location of Well Io  Was supplemental  NO  If yes, where was t  Scale 1:24,	tag neede YE tag placed	d for ease of S						
Indicate the lo				,		X	В	l I A L-←-
point.				F	 	F	G,	
SECTION	20			N		L	K	
TOWNSHIP	20							
	04	T						1
RANGE	09	4.0		1	ı i	P	Q	l R

OMMENTS:		

#### WATER WELL REPORT STATE OF WASHINGTON

Application No. Permit No. .. 62 -23729

	to a residence relation	12.	:
(1) OWNER: Name Loug Fabre	Address Rt. 1, Eox 469-G, Lakebay		
(2) LOCATION OF WELL: County Fierca	NE 1 SE 1 Sec 17 T20	ON. RL	LEW.M
Bearing and distance from section or subdivision corner 700	5. 8800 W. from the EYY COR.	Sec	
CONTRACT COMM.			
7/27/27/24		and stay	
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	e materi	al in each
4) TYPE OF WORK: Owner's number of well	MATERIAL	FROM	TO
New well  Method: Dug  Bored		FROM	10
IACOCA-III. Deepened III Cable C Driven	into ground and no formation		
ENVIRONMENTAL HEReconditioned   Rotary   Jetted	changes obtainable. The drive	.	
5) DIMENSIONS: Diameter of well inches.		-	
Drilled 255 ft. Depth of completed well 255 ft.		known	238
		238	255
6) CONSTRUCTION DETAILS:			~))
Casing installed: 0 blam from 10 n. to 247 n.	**************************************		
Threaded [] "Diam. from ft. to ft.			
Welded Diam. fromft. toft.	**NOTE: Pipe was left 3 Ft.	abov	е
Perforations: Yes   No	existing grade, and water le		
Type of perforator used	logged from the top of pipe		
SIZE of perforations in. by in.		ν.	
perforations from ft. to ft.	The formations and denthe and	e log	ged
perforations from ft. to ft.	S		
Screens: Yes No I Iohnson			
Manufacturers Name   IONN3ON   Type   Tall			
h 1101111 1115 / 734	RECEIVED		
Diam. Slot size 1000 from 200 ft. to 200 ft.  Diam. Slot size from ft. to ft.			
	FEB 1 9 1976		
Gravel packed: Yes No No Size of gravel:			
Gravel placed from ft. to ft.	DEPARTMENT OF ECOLOGY		
Surface seal: Yes   No   To what depth?   18 m.	CONTRIBUTED DESIGNAT OFFICE		
Surface seal: Yes No en ton's depth? 18 m.	SUDTHWEST REGIONAL OFFICE		
Did any strata contain unusable water?	] [		
Type of water? Depth of strata	.		-
Method of sealing strata off			
(7) PUMP: Manufacturer's Name None installed		7.4	
Type:HP	1 2 2 2 2		
			-
(8) WATER LEVELS. above mean sea level	.		
Static level			
Artesian pressurelbs. per square inch Date			7
(Cap. valve, etc.)			7
(9) WELL TESTS: Drawdown is amount water level is inwered below static level	Work started? Aus 19 75 Completed 11	AND	
	Work started? AUS 19 75 Completed 11	-745	19
Was a pump test made? Yes No If yes, by whom?  Yield: ft. drawdown after hrs	WELL DRILLER'S STATEMENT:		
ax rate alsoc	This well was drilled under my jurisdiction a	nd this	report is
	true to the best of my knowledge and belief.		
Recovery data (time taken as zero when pump turned off) (water leve	1 -		
measured from well top to water level)	NAME RA LU DILLLING	bma or n	rint)
Time Water Level Time Water Level Time Water Level	(reison, min, or corporation)	Type or p	
7710 1	Address 2400 arine View Drive	, racc	ma y
: 3110		) 1	1
Date of test	[Signed]	and	10
Bailer test gal/min. with ft. drawdown after hrs	s. (Well Driller)	· · · · ·	
Artesian flowg.p.m. Date	- 04-0 212 4	ug 🗸	, 197
Temperature of water	License No Date	7	-
0 Klitmyl		-	
	SHEETS IF NECESSARY)		-
S. F. No. 7356—OS—(Rev. 4-71).		4	

The Department of Ecology does NOT Warranty the Data and/or the Information on this Well Report



### **Pierce County** Assessor-Treasurer's Office







Parcel:

R0420174063

Name:

FABRE FAMILY LLC

Site Address: 4101-4129 CHERRYWOOD LANE

Mailing

1515 DELANO ROAD KP S , LAKEBAY WA 98349

Address: **Use Code:** 

1105 FIVE (5) OR MORE FAMILY UNITS (NON-SUBSIDIZED) APPRAISED

BY COMMERCIAL SECTION.

Mh Code:

Click One

Tax & Assessment

Land Characteristics

Parcel Map

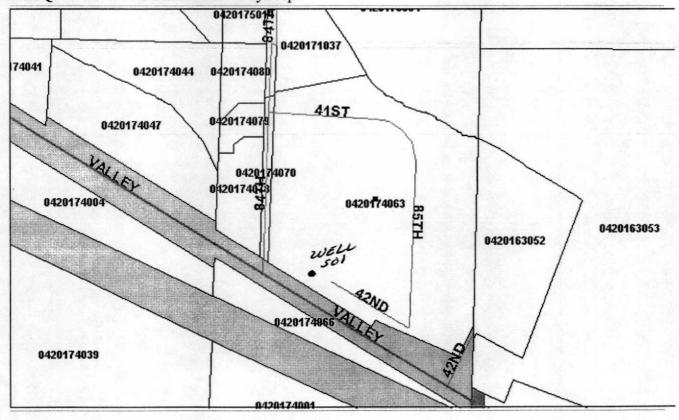
Recorded Data Back to Search

Zoom Level: 5.0

Zoom

---North---

#### RTSQ: 04-20-17-4-1 School Dist: Puyallup



#### Pierce County Assessor-Treasurer

2401 South 35th St Room 142 Tacoma, Washington 98409 (253)798-6111 or Fax (253)798-3142



UNIQUE WELL I.D. NUMBER  $A \subset N 7 9 6$ 

### WELL TAGGING FORM

Date of Field Visit 5-7-97 By BlundEld	<u>.</u>
ADDITIONAL WELL IDENTIFIERS	
Department of Health System ID Number 45 1646	Source Number SO
USGS Site Identification	
RECORD VERIFICATION	
Well Report available (please attach)  Well Report not available  Verification inconclusive	
WELL OWNERSHIP, IF DIFFERENT FROM WEI	LL REPORT
Name CHERRYWOOD VILLAGE	
Street address 1515 DELAND RD KP	5
City LAKE SAY State WA,	98349
LOCATION OF WELL, IF DIFFERENT FROM WI	ELL REPORT
Well Address 4117 C 84TH ANE E	
City Payally County Pie	RCE
T. 20 N. R. 04 E W.M. Sec. 17	
Latitude N 47 ° 13 · 10.75, "  Longitude W 12 2 ° 18 · 55.68' -	GPS (raw data) GPS (corrected) Topographic Map Survey
AUB 091	☐ Computer generated ☐ Other
Elevation at land surface feet/meters (circle one)	☐ Digital Altimeter ☐ Topographic Map ☐ Other

Water 1	Right # _	marked o		Priority Date	3 0 J (1 )
		RACTE		Ciami	Exempt
10	large	ewo	weer,	of casing, type of well, housing,	
ocation	of Well	Identifica	ation Tag:	on 6" Casin	4
	here was	tag nlac	ed?		
		0 (1"=2.			
Scale	1:24,000	0 (1"=2		Indicate the location of th	e well within the Section
Scale	c 1:24,000	0 (1"=2	,000')	Indicate the location of the by drawing a dot at that p	e well within the Section
D E	c 1:24,000	0 (1"=2	,000°)	Indicate the location of the by drawing a dot at that p	e well within the Section
D E	CTION _	G (1"=2	,000°) А Н	Indicate the location of the by drawing a dot at that p	e well within the Section

# APPENDIX C WELL WATER QUALITY DATA



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 5/2/1978 Lab Number 051

Lab Name Duplicate - WA St PH Laboratories

Sample Number 03083 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH	1			Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
8000	IRON	EQ	0.3200	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.0980	0.0500	0.0100	mg/L
0011	MERCURY	EQ	0.0023	0.0020	0.0005	mg/L
0015	HARDNESS	EQ	84.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	246.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.4000		0.1000	NTU
0019	FLUORIDE	EQ	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	EQ	0.7000	10.0000	0.5000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0012	SELENIUM	LT	0.0030	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0018	COLOR	LT	5.0000	15.0000	5.0000	CU

Records 1 - 16 of 16

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

### <u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

**Street Address:** 

243 Israel Road S.E. 2nd floor Tumwater, WA 98501 **Mail:** PO BOX 47822 Olympia, WA 98504-7822



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 3/16/1982 Lab Number 051

Lab Name Duplicate - WA St PH Laboratories

Sample Number 05341 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH	1			Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
8000	IRON	EQ	0.4000	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.1100	0.0500	0.0100	mg/L
0011	MERCURY	EQ	0.0005	0.0020	0.0005	mg/L
0014	SODIUM	EQ	22.0000		5.0000	mg/L
0015	HARDNESS	EQ	100.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	280.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.5000		0.1000	NTU
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	Milligrams per Liter
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0018	COLOR	LT	5.0000	15.0000	5.0000	CU
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L
0021	CHLORIDE	LT	5.0000	250.0000	20.0000	mg/L

Records 1 - 18 of 18

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Street Address: 243 Israel Road S.E. 2nd floor



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 1/21/1985 Lab Number 051

Lab Name Duplicate - WA St PH Laboratories

Sample Number 07862 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
8000	IRON	EQ	0.5800	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.0950	0.0500	0.0100	mg/L
0014	SODIUM	EQ	20.0000		5.0000	mg/L
0015	HARDNESS	EQ	100.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	260.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.6000		0.1000	NTU
0018	COLOR	EQ	10.0000	15.0000	5.0000	CU
0021	CHLORIDE	EQ	5.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0011	MERCURY	LT	0.0005	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0030	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L

Records 1 - 18 of 18

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Street Address: 243 Israel Road S.E. 2nd floor



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 11/5/1987 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 00929 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH			- 1: a .:	Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0008	IRON	EQ	0.7600	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.2300	0.0500	0.0100	mg/L
0014	SODIUM	EQ	22.0000		5.0000	mg/L
0015	HARDNESS	EQ	82.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	220.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.7000		0.1000	NTU
0018	COLOR	EQ	5.0000	15.0000	5.0000	CU
0021	CHLORIDE	EQ	3.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0011	MERCURY	LT	0.0010	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L

Records 1 - 18 of 18

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Street Address: 243 Israel Road S.E. 2nd floor



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 6/11/1992 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 11254 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH	1			Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0008	IRON	EQ	0.4900	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.1050	0.0500	0.0100	mg/L
0014	SODIUM	EQ	19.0000		5.0000	mg/L
0015	HARDNESS	EQ	85.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	236.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.5000		0.1000	NTU
0018	COLOR	EQ	10.0000	15.0000	5.0000	CU
0021	CHLORIDE	EQ	2.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0050		0.0020	mg/L
0011	MERCURY	LT	0.0010	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L

Records 1 - 18 of 18

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Street Address: 243 Israel Road S.E. 2nd floor



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 7/6/1995 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 21696 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC-COMPLETE INORGANIC ANALYSIS

Sample Location

Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte DOH	1			Maximum		
Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
8000	IRON	EQ	0.4100	0.3000	0.1000	mg/L
0014	SODIUM	EQ	18.0000		5.0000	mg/L
0015	HARDNESS	EQ	86.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	247.0000	700.0000	70.0000	Umhos/cm
0017	TURBIDITY	EQ	0.4000		0.1000	NTU
0018	COLOR	EQ	5.0000	15.0000	15.0000	CU
0019	FLUORIDE	EQ	0.3000	4.0000	0.2000	mg/L
0021	CHLORIDE	EQ	4.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0010	mg/L
0005	BARIUM	LT	0.1000	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0010	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0070	mg/L
0009	LEAD	LT	0.0020		0.0010	mg/L
0010	MANGANESE	LT	0.0100	0.0500	0.0100	mg/L
0011	MERCURY	LT	0.0005	0.0020	0.0002	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0020	mg/L
0013	SILVER	LT	0.0100	0.1000	0.1000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L
0023	COPPER	LT	0.0200		0.0200	mg/L
0024	ZINC	LT	0.0500	5.0000	0.2000	mg/L
0110	BERYLLIUM	LT	0.0020	0.0040	0.0003	mg/L
0111	NICKEL	LT	0.0400	0.1000	0.0050	mg/L
0112	ANTIMONY	LT	0.0020	0.0060	0.0030	mg/L
0113	THALLIUM	LT	0.0010	0.0020	0.0010	mg/L
0114	NITRITE-N	LT	0.2000	1.0000	0.1000	mg/L

Records 1 - 26 of 26



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 9/15/1997

Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 43996 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location HYD 2

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address: PO BOX 47822



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 9/24/1997

Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 44682 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location HYD 3

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address: PO BOX 47822



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 8/17/1998 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 34485 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC-COMPLETE INORGANIC ANALYSIS

Sample Location WHD TAP

Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte DOH	1			Maximum		
Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.1100	0.0500	0.0100	mg/L
8000	IRON	EQ	0.2900	0.3000	0.1000	mg/L
0014	SODIUM	EQ	20.0000		5.0000	mg/L
0015	HARDNESS	EQ	84.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	239.0000	700.0000	70.0000	Umhos/cm
0017	TURBIDITY	EQ	0.4000		0.1000	NTU
0021	CHLORIDE	EQ	4.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0010	mg/L
0005	BARIUM	LT	0.1000	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0010	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0070	mg/L
0009	LEAD	LT	0.0020		0.0010	mg/L
0011	MERCURY	LT	0.0005	0.0020	0.0002	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0020	mg/L
0013	SILVER	LT	0.0100	0.1000	0.1000	mg/L
0018	COLOR	LT	5.0000	15.0000	15.0000	CU
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L
0023	COPPER	LT	0.0200		0.0200	mg/L
0024	ZINC	LT	0.0500	5.0000	0.2000	mg/L
0110	BERYLLIUM	LT	0.0020	0.0040	0.0003	mg/L
0111	NICKEL	LT	0.0400	0.1000	0.0050	mg/L
0112	ANTIMONY	LT	0.0020	0.0060	0.0030	mg/L
0113	THALLIUM	LT	0.0010	0.0020	0.0010	mg/L
0114	NITRITE-N	LT	0.2000	1.0000	0.1000	mg/L

Records 1 - 25 of 27



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 2/17/2017

Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 65298 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location 5027 80th ave

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address: PO BOX 47822



Help

View Sample Detail - WSID 22585F - EGGIMANN-664

Collect Date 8/20/2019 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 08866 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC\_SHORT-INORGANIC SHORT FORM

Sample Location dist tap

Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte DOH							
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units	
8000	IRON	EQ	0.3600	0.3000	0.1000	mg/L	
0010	MANGANESE	EQ	0.1140	0.0500	0.0100	mg/L	
0020	NITRATE-N	EQ	0.4900	10.0000	0.5000	mg/L	

Records 1 - 3 of 3

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

### <u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

**Street Address:** 

243 Israel Road S.E. 2nd floor
Tumwater, WA 98501

Mail:
PO BOX 47822

Olympia, WA 98504-7822

Comments or questions regarding this Web site? Send email to Environmental Health Application Testing and Support



Help

View Sample Detail - WSID 22585F - EGGIMANN-

664

Collect Date 10/12/2021

Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 00342 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI AP-ABSENCE / PRESENCE

Sample Location ss 5001 79th ct

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyt DOH	e				Maximum Contaminant	
Num	Analyte Name	Result Range	A/P	Units	Level	State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml		
0003	E. COLI	EQ	Α	/100ml		

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

### <u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

**Street Address:** 

243 Israel Road S.E. 2nd floor Mail:

Tumwater, WA 98501 PO BOX 47822

Olympia, WA 98504-7822

Comments or questions regarding this Web site? Send email to Environmental Health Application Testing and Support



Help

View Sample Detail - WSID 34934B - SCHENK WATER

**SYSTEM** 

Collect Date 6/8/1989 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 03484 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum Contaminant		
Num	Analyte Name	Result Range	<b>Result Quantity</b>	Level	State Reporting Limit	Units
8000	IRON	EQ	0.4100	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.0690	0.0500	0.0100	mg/L
0014	SODIUM	EQ	13.0000		5.0000	mg/L
0015	HARDNESS	EQ	68.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	257.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.7000		0.1000	NTU
0018	COLOR	EQ	5.0000	15.0000	5.0000	CU
0021	CHLORIDE	EQ	7.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0011	MERCURY	LT	0.0010	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L

Records 1 - 18 of 18

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home | Community and Environment | Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address: PO BOX 47822



Help

View Sample Detail - WSID 34934B - SCHENK WATER

**SYSTEM** 

Collect Date 5/2/2001 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 49291 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC-COMPLETE INORGANIC ANALYSIS

Sample Location WELL/HEAD
Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte DOH Num	e Analyte Name	Result Range	Result Quantity	Maximum Contaminant Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0850	0.0500	0.0100	mg/L
8000	IRON	EQ	0.2700	0.3000	0.1000	mg/L
0014	SODIUM	EQ	14.0000		5.0000	mg/L
0015	HARDNESS	EQ	103.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	250.0000	700.0000	70.0000	Umhos/cm
0017	TURBIDITY	EQ	0.5000		0.1000	NTU
0021	CHLORIDE	EQ	5.0000	250.0000	20.0000	mg/L
0024	ZINC	EQ	0.0900	5.0000	0.2000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0010	Milligrams per Liter
0005	BARIUM	LT	0.1000	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0010	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0070	mg/L
0009	LEAD	LT	0.0020		0.0010	mg/L
0011	MERCURY	LT	0.0005	0.0020	0.0002	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0020	mg/L
0013	SILVER	LT	0.0100	0.1000	0.1000	mg/L
0018	COLOR	LT	5.0000	15.0000	15.0000	CU
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L
0022	SULFATE	LT	1.0000	250.0000	50.0000	mg/L
0023	COPPER	LT	0.0200		0.0200	mg/L
0110	BERYLLIUM	LT	0.0020	0.0040	0.0003	mg/L
0111	NICKEL	LT	0.0400	0.1000	0.0050	mg/L
0112	ANTIMONY	LT	0.0020	0.0060	0.0030	mg/L
0113	THALLIUM	LT	0.0010	0.0020	0.0010	mg/L

Records 1 - 25 of 28



Help

View Sample Detail - WSID 34934B - SCHENK WATER

**SYSTEM** 

Collect Date 5/5/2004 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 67606 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC-COMPLETE INORGANIC ANALYSIS

Sample Location tap 50 ft from well
Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte DOH Num	Analyte Name	Result Range	Result Quantity	Maximum Contaminant Level	State Reporting Limit	Units
0008	IRON	EQ	0.3200	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.0900	0.0500	0.0100	mg/L
0014	SODIUM	EQ	15.0000		5.0000	mg/L
0015	HARDNESS	EQ	118.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	245.0000	700.0000	70.0000	Umhos/cm
0017	TURBIDITY	EQ	0.9000		0.1000	NTU
0019	FLUORIDE	EQ	0.2000	4.0000	0.2000	mg/L
0021	CHLORIDE	EQ	4.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0020	0.0104	0.0010	mg/L
0005	BARIUM	LT	0.1000	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0010	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0070	mg/L
0009	LEAD	LT	0.0020		0.0010	mg/L
0011	MERCURY	LT	0.0005	0.0020	0.0002	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0020	mg/L
0013	SILVER	LT	0.0100	0.1000	0.1000	mg/L
0018	COLOR	LT	5.0000	15.0000	15.0000	CU
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L
0022	SULFATE	LT	1.0000	250.0000	50.0000	mg/L
0023	COPPER	LT	0.0200		0.0200	mg/L
0024	ZINC	LT	0.2000	5.0000	0.2000	mg/L
0110	BERYLLIUM	LT	0.0030	0.0040	0.0003	mg/L
0111	NICKEL	LT	0.0400	0.1000	0.0050	mg/L
0112	ANTIMONY	LT	0.0050	0.0060	0.0030	mg/L
0113	THALLIUM	LT	0.0020	0.0020	0.0010	mg/L

Records 1 - 25 of 28



Help

View Sample Detail - WSID 34934B - SCHENK WATER SYSTEM

Collect Date 1/4/2012 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 98006 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location bldg a unit 1

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address: PO BOX 47822



Help

View Sample Detail - WSID 34934B - SCHENK WATER

**SYSTEM** 

Collect Date 10/10/2019

Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 10804 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC\_SHORT-INORGANIC SHORT FORM

Sample Location ph hb

Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0790	0.0500	0.0100	mg/L
8000	IRON	EQ	0.3000	0.3000	0.1000	mg/L

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

### <u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

**Street Address:** 

243 Israel Road S.E. 2nd floor Mail:

Tumwater, WA 98501 PO BOX 47822

Olympia, WA 98504-7822

Comments or questions regarding this Web site? Send email to Environmental Health Application Testing and Support



Help

View Sample Detail - WSID 34934B - SCHENK WATER

**SYSTEM** 

Collect Date 5/23/2022 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 02791 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC-COMPLETE INORGANIC ANALYSIS

Sample Location hb

Sample Type Pre-Treatment / Raw

Result Range, A/P, Units: Mouse over for full description

Analyte	•			Maximum		
DOH Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0840	0.0500	0.0100	mg/L
0014	SODIUM	EQ	12.7000		5.0000	mg/L
0015	HARDNESS	EQ	110.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	235.9000	700.0000	70.0000	Umhos/cm
0017	TURBIDITY	EQ	0.3800		0.1000	NTU
0018	COLOR	EQ	7.5000	15.0000	15.0000	CU
0021	CHLORIDE	EQ	4.4000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0010	0.0104	0.0010	mg/L
0005	BARIUM	LT	0.1000	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0010	0.0050	0.0010	mg/L
0007	CHROMIUM	LT	0.0070	0.1000	0.0070	mg/L
0009	LEAD	LT	0.0010		0.0010	mg/L
0011	MERCURY	LT	0.0002	0.0020	0.0002	mg/L
0012	SELENIUM	LT	0.0020	0.0500	0.0020	mg/L
0013	SILVER	LT	0.0100	0.1000	0.1000	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L
0022	SULFATE	LT	1.0000	250.0000	50.0000	mg/L
0023	COPPER	LT	0.0200		0.0200	mg/L
0024	ZINC	LT	0.2000	5.0000	0.2000	mg/L
0110	BERYLLIUM	LT	0.0003	0.0040	0.0003	mg/L
0111	NICKEL	LT	0.0050	0.1000	0.0050	mg/L
0112	ANTIMONY	LT	0.0030	0.0060	0.0030	mg/L
0113	THALLIUM	LT	0.0010	0.0020	0.0010	mg/L
0114	NITRITE-N	LT	0.1000	1.0000	0.1000	mg/L

Records 1 - 25 of 27



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 9/13/1979

Lab Number 051

Lab Name Duplicate - WA St PH Laboratories

Sample Number 03832 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.1200	0.0500	0.0100	mg/L
0004	ARSENIC	EQ	0.0100	0.0104	0.0200	mg/L
8000	IRON	EQ	0.1000	0.3000	0.1000	mg/L
0015	HARDNESS	EQ	80.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	320.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.5000		0.1000	NTU
0018	COLOR	EQ	5.0000	15.0000	5.0000	CU
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0011	MERCURY	LT	0.0010	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 6/22/1982 Lab Number 052

Lab Name Duplicate - WA St PH Laboratories

Sample Number 08150 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	<b>Contaminant Level</b>	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0900	0.0500	0.0100	mg/L
0008	IRON	EQ	0.0600	0.3000	0.1000	mg/L

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u>

<u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address:

PO BOX 47822

243 Israel Road S.E. 2nd floor Tumwater, WA 98501

Olympia, WA 98504-7822

raniwater, wit 30301



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 3/2/1983 Lab Number 051

Lab Name Duplicate - WA St PH Laboratories

Sample Number 06441 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
0004	ARSENIC	EQ	0.0120	0.0104	0.0200	mg/L
8000	IRON	EQ	1.5000	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.1500	0.0500	0.0100	mg/L
0009	LEAD	EQ	0.0840		0.0020	mg/L
0011	MERCURY	EQ	0.0005	0.0020	0.0005	mg/L
0014	SODIUM	EQ	24.0000		5.0000	mg/L
015	HARDNESS	EQ	120.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	270.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.2000		0.1000	NTU
0021	CHLORIDE	EQ	10.0000	250.0000	20.0000	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
018	COLOR	LT	5.0000	15.0000	5.0000	CU
019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

ICHEM-PRE II/V INORGANIC ANALYSIS

MANOR

Collect Date 8/9/1983 Lab Number 052

Lab Name Duplicate - WA St PH Laboratories

Sample Number 09410 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Sample Location

Test Panel

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	<b>Contaminant Level</b>	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0800	0.0500	0.0100	mg/L
0008	IRON	EQ	0.0500	0.3000	0.1000	mg/L

Records 1 - 2 of 2

#### <u>Home Page | Find Water Systems | Find Water Quality | Downloads/Reports</u>

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u>

<u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

**Street Address:** 243 Israel Road S.E. 2nd floor

PO BOX 47822

Tumwater, WA 98501

Olympia, WA 98504-7822



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 8/24/1983 Lab Number 052

Lab Name Duplicate - WA St PH Laboratories

Sample Number 09454 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	<b>Contaminant Level</b>	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0800	0.0500	0.0100	mg/L
0008	IRON	EQ	0.0700	0.3000	0.1000	mg/L

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u>

<u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address:

PO BOX 47822

243 Israel Road S.E. 2nd floor

Olympia, WA 98504-7822

Tumwater, WA 98501



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 8/31/1983

Lab Number 052

Lab Name Duplicate - WA St PH Laboratories

Sample Number 09482 Source 01

Analyte Group

IOC-INORGANIC CONTAMINANTS
ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Test Panel

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	<b>Contaminant Level</b>	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0800	0.0500	0.0100	mg/L
0008	IRON	EQ	0.0700	0.3000	0.1000	mg/L

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u>

<u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

Street Address:

PO BOX 47822

243 Israel Road S.E. 2nd floor

Olympia, WA 98504-7822

Tumwater, WA 98501



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 8/31/1983

Lab Number 052

Lab Name Duplicate - WA St PH Laboratories

Sample Number 09482 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	<b>Contaminant Level</b>	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0800	0.0500	0.0100	mg/L
0008	IRON	EQ	0.0700	0.3000	0.1000	mg/L

Records 1 - 2 of 2

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u>

<u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:

**Street Address:** 243 Israel Road S.E. 2nd floor

PO BOX 47822

Tumwater, WA 98501

Olympia, WA 98504-7822



## Office of Drinking Water

Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 9/29/1986

Lab Number 051

Lab Name Duplicate - WA St PH Laboratories

Sample Number 09267 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location

Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0630	0.0500	0.0100	mg/L
0014	SODIUM	EQ	19.0000		5.0000	mg/L
0015	HARDNESS	EQ	80.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	260.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	0.2000		0.1000	NTU
0019	FLUORIDE	EQ	0.2000	4.0000	0.2000	mg/L
0021	CHLORIDE	EQ	10.0000	250.0000	20.0000	mg/L
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
8000	IRON	LT	0.0500	0.3000	0.1000	mg/L
0009	LEAD	LT	0.0100		0.0020	mg/L
0011	MERCURY	LT	0.0005	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0018	COLOR	LT	5.0000	15.0000	5.0000	CU



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 1/15/1996 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 03990 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 6/12/1997 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 09044 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location CLUB HOUSE

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 6/16/1997 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 09064 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location CLUBHOUSE

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



# Office of Drinking Water

Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 2/13/1998 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 10997 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location 75/KT

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 7/13/1998 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 12040 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location #65

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 4/12/1999 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 13820 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location 65

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 2/14/2000 Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 15996 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location 27

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



## Office of Drinking Water

Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME

MANOR

Collect Date 7/5/2019 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 07069 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel IOC-COMPLETE INORGANIC ANALYSIS

Sample Location well 1 ph

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum		
Num	Analyte Name	Result Range	Result Quantity	Contaminant Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0860	0.0500	0.0100	mg/L
0004	ARSENIC	EQ	0.0088	0.0104	0.0010	mg/L
0014	SODIUM	EQ	22.6000		5.0000	mg/L
0015	HARDNESS	EQ	87.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	244.9000	700.0000	70.0000	Umhos/cm
0017	TURBIDITY	EQ	1.4300		0.1000	NTU
0018	COLOR	EQ	10.0000	15.0000	15.0000	CU
0021	CHLORIDE	EQ	14.2000	250.0000	20.0000	mg/L
0005	BARIUM	LT	0.1000	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0010	0.0050	0.0010	mg/L
0007	CHROMIUM	LT	0.0070	0.1000	0.0070	mg/L
8000	IRON	LT	0.1000	0.3000	0.1000	mg/L
0009	LEAD	LT	0.0010		0.0010	mg/L
0011	MERCURY	LT	0.0002	0.0020	0.0002	mg/L
0012	SELENIUM	LT	0.0020	0.0500	0.0020	mg/L
0013	SILVER	LT	0.0100	0.1000	0.1000	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE

**HOME MANOR** 

Collect Date 10/1/2019

Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 39344 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location

р..

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water



Help

View Sample Detail - WSID 001215 - HAYES WATER

**SYSTEM** 

Collect Date 7/24/1990 Lab Number 089

Lab Name Water Management Laboratory Inc

Sample Number 05719 Source 01

Analyte Group IOC-INORGANIC CONTAMINANTS

Test Panel ICHEM-PRE II/V INORGANIC ANALYSIS

Sample Location 8105 52ND ST. E.
Sample Type Unknown

Result Range, A/P, Units: Mouse over for full description

Analyte DOH				Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
8000	IRON	EQ	0.6700	0.3000	0.1000	mg/L
0010	MANGANESE	EQ	0.0490	0.0500	0.0100	mg/L
0014	SODIUM	EQ	11.0000		5.0000	mg/L
0015	HARDNESS	EQ	97.0000		10.0000	mg/L
0016	CONDUCTIVITY	EQ	224.0000	700.0000	10.0000	Umhos/cm
0017	TURBIDITY	EQ	1.6000		0.1000	NTU
0018	COLOR	EQ	10.0000	15.0000	5.0000	CU
0021	CHLORIDE	EQ	6.0000	250.0000	20.0000	Color Units
0004	ARSENIC	LT	0.0100	0.0104	0.0200	mg/L
0005	BARIUM	LT	0.2500	2.0000	0.1000	mg/L
0006	CADMIUM	LT	0.0020	0.0050	0.0020	mg/L
0007	CHROMIUM	LT	0.0100	0.1000	0.0100	mg/L
0009	LEAD	LT	0.0050		0.0020	mg/L
0011	MERCURY	LT	0.0010	0.0020	0.0005	mg/L
0012	SELENIUM	LT	0.0050	0.0500	0.0050	mg/L
0013	SILVER	LT	0.0100	0.1000	0.0100	mg/L
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L
0020	NITRATE-N	LT	0.2000	10.0000	0.5000	mg/L

Records 1 - 18 of 18

#### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/Copyright Information</u>

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:



Help

View Sample Detail - WSID 001215 - HAYES WATER SYSTEM

Collect Date 9/16/1996

Lab Number 107

Lab Name TestAmerica - Seattle (Tacoma)

Sample Number 06771 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:



Help

View Sample Detail - WSID 001215 - HAYES WATER SYSTEM

9/24/1996 Collect Date

107 Lab Name TestAmerica - Seattle (Tacoma)

06882 Sample Number Dist Source

Lab Number

Analyte Group MICRO-MICROBIOLOGICAL Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

**DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts** Access Local Health | Privacy And Copyright Information

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:



Help

View Sample Detail - WSID 001215 - HAYES WATER SYSTEM

Collect Date 4/17/2019 Lab Number 118

Lab Name Spectra Laboratories, LLC

Sample Number 36116 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location none given

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte					
DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	Α	/100ml	

Records 1 - 2 of 2

### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail:



Help

View Sample Detail - WSID 001215 - HAYES WATER SYSTEM

Collect Date 4/25/2019

Lab Number 118

Lab Name Spectra Laboratories, LLC

Sample Number 36170 Source Dist

Analyte Group MICRO-MICROBIOLOGICAL

Test Panel COLI\_AP-ABSENCE / PRESENCE

Sample Location whd

Sample Type Post-Treatment / Finished

Result Range, A/P, Units: Mouse over for full description

Analyte DOH					Maximum
Num	Analyte Name	Result Range	A/P	Units	Contaminant Level State Reporting Limit
0001	TOTAL COLIFORM	EQ	P	/100ml	
0003	E. COLI	EQ	A	/100ml	

Records 1 - 2 of 2

### Home Page | Find Water Systems | Find Water Quality | Downloads/Reports

<u>DOH Home</u> | <u>Community and Environment</u>| <u>Drinking Water Home</u> | <u>Drinking Water Contacts</u> <u>Access Local Health</u> | <u>Privacy And Copyright Information</u> |

Links to external resources are provided as a public service and do not imply endorsement by the Washington State Department of Health

Department of Health, Office of Drinking Water

Mail: