

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 (https://fortress.wa.gov/doh/swap/index.html) 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 (<u>https://matterhornwab.co.pierce.wa.us/publicgis/</u>) 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 northwestflowing 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) ¹	Direction
Wetland ²	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

<u>Soils</u>

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 (<u>https://fortress.wa.gov/ecy/wellconstruction/map/WCLSWebMap/default.aspx</u>) 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 1/4 of NE 1/4 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 1/4 of NE 1/4 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 ¹/₄ of SE ¹/₄ 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 831549th 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 ¼ of NE ¼ 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 1/4 of NE 1/4 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 ¹/₄ of NE ¹/₄ 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 (<u>https://fortress.wa.gov/doh/eh/portal/odw/si/FindWaterSystem.aspx</u>). 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).

Mr. Tyler Litzenberger September 12, 2022

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.

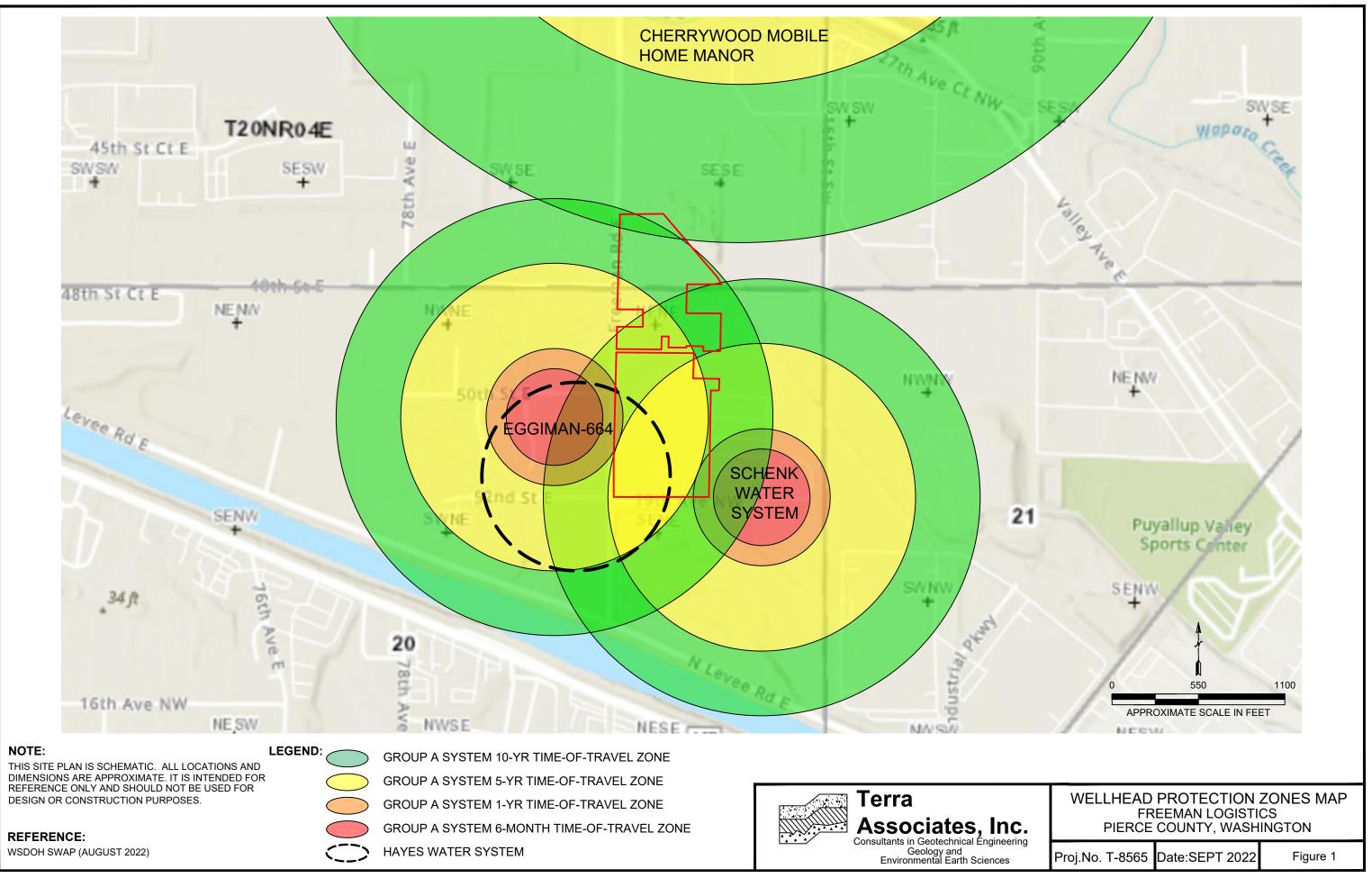
We trust the information presented is sufficient for your current needs. If you have any questions or require additional information, please call.

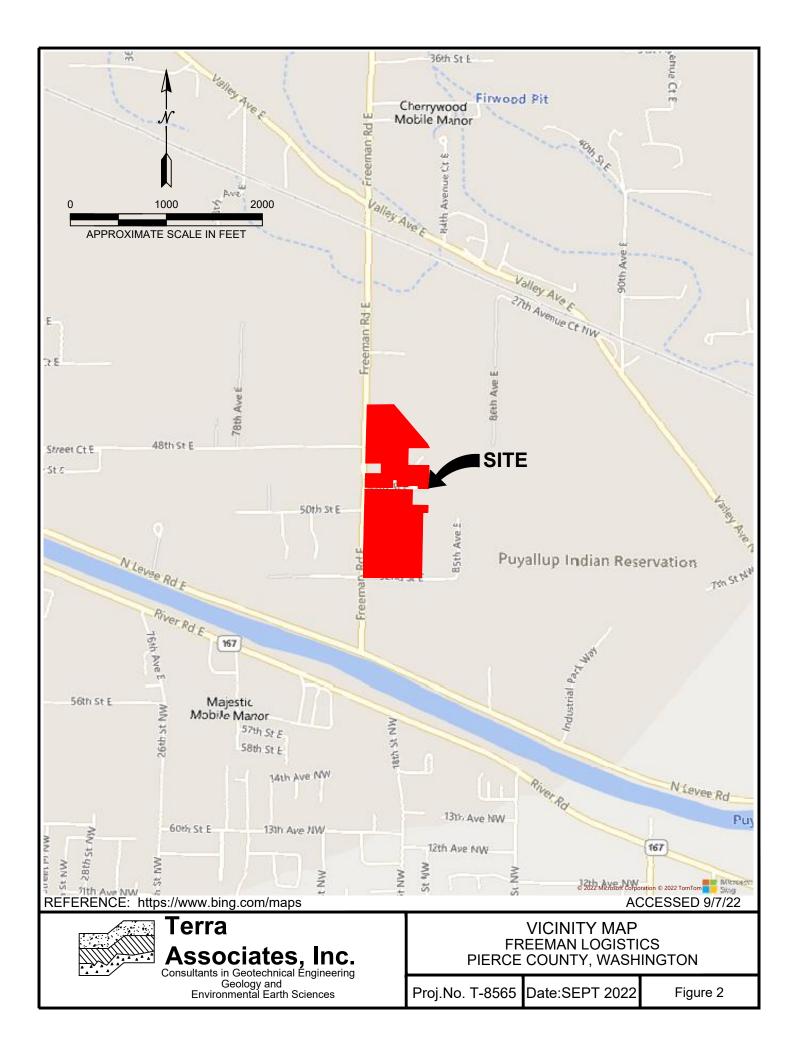
Sincerely yours, TERRA ASSOCIATES, INC.

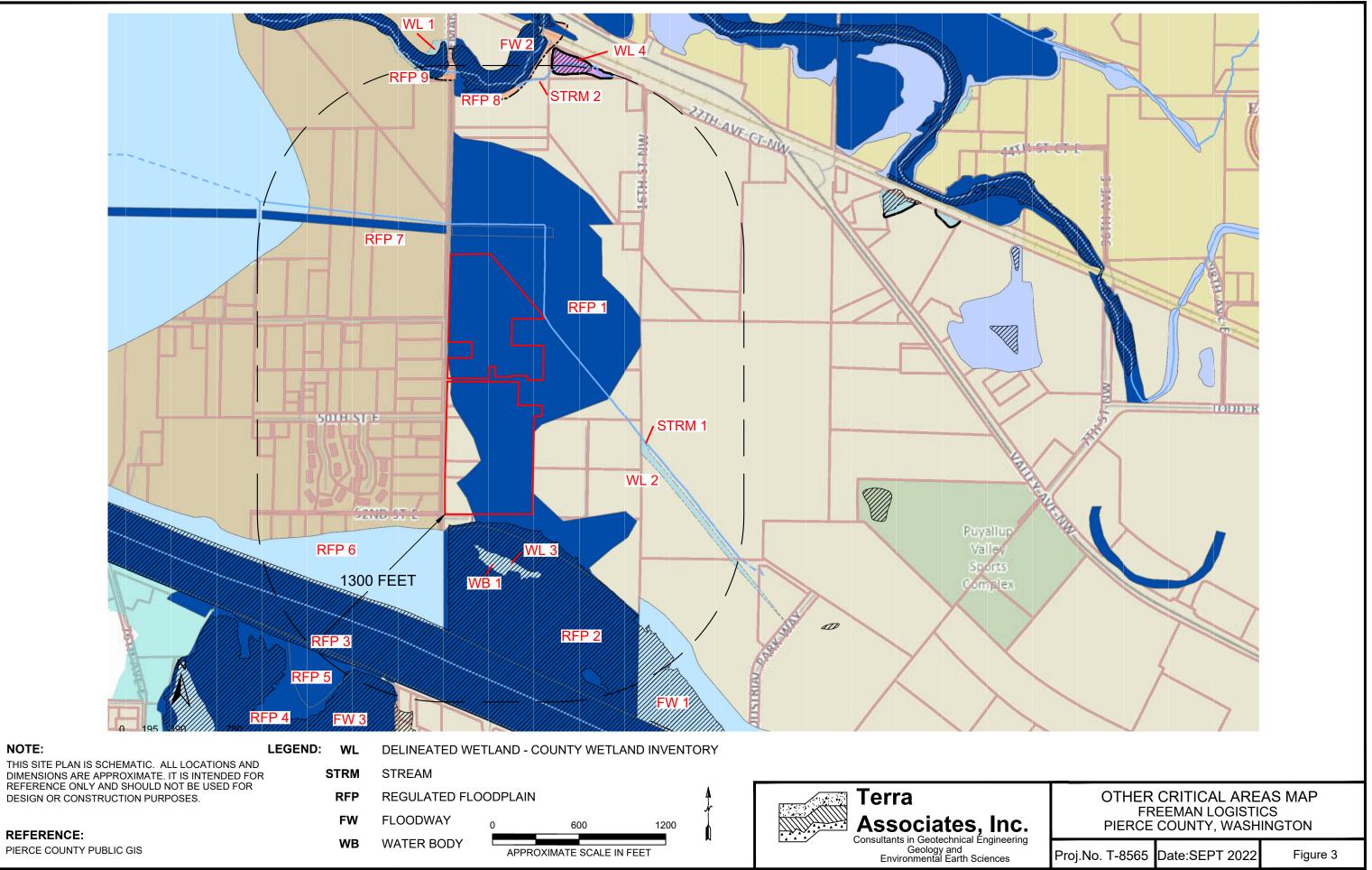
Michael J. Xenos, E.I.T. Staff Engineer

John C Ladle

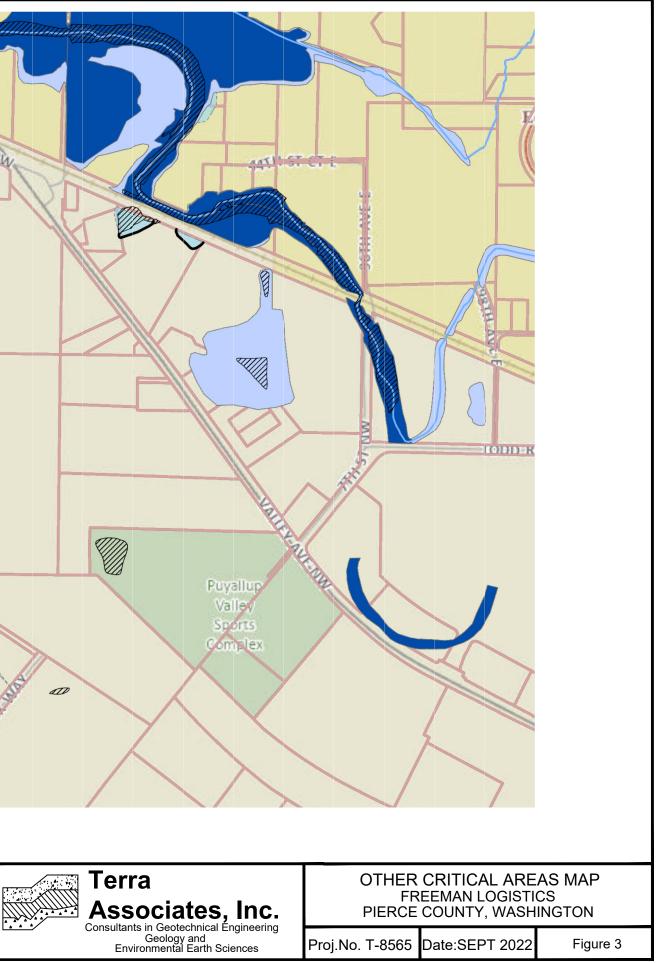


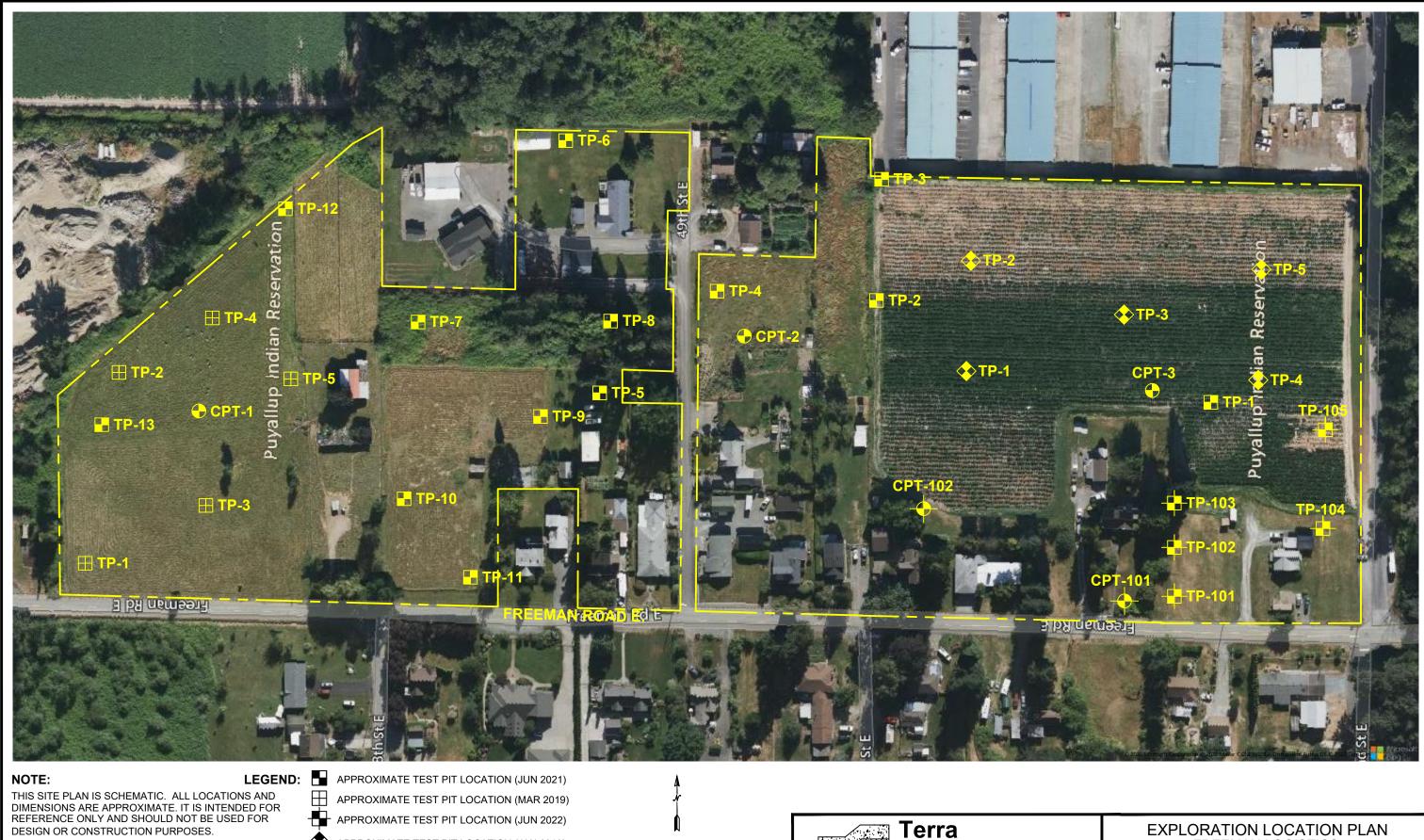






FW FLOODWAY	
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REFERENCE:

BING MAPS

APPROXIMATE TEST PIT LOCATION (JAN 2019) APPROXIMATE CPT LOCATION (JUN 2021)

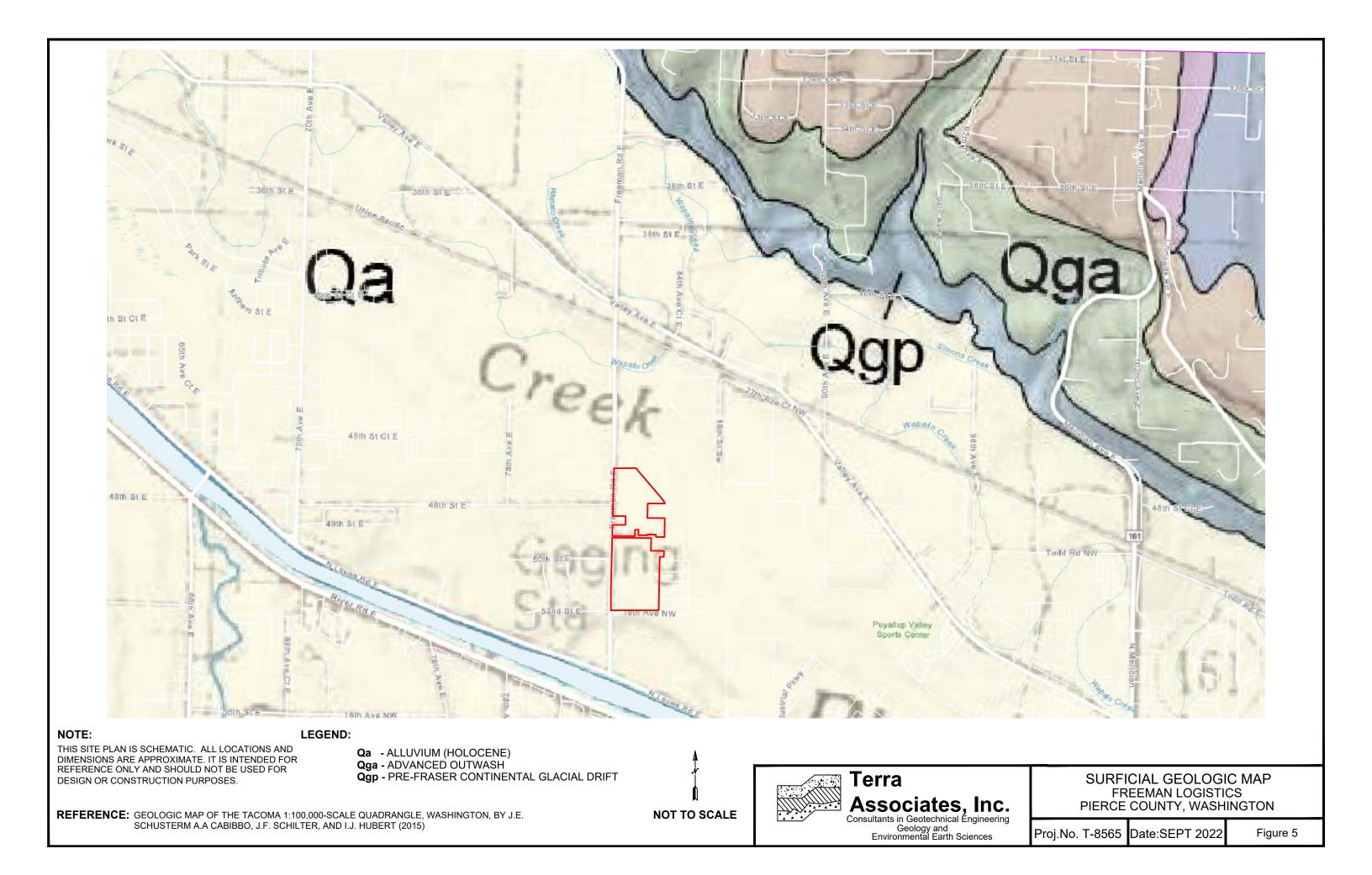
APPROXIMATE CPT LOCATION (JUN 2022)

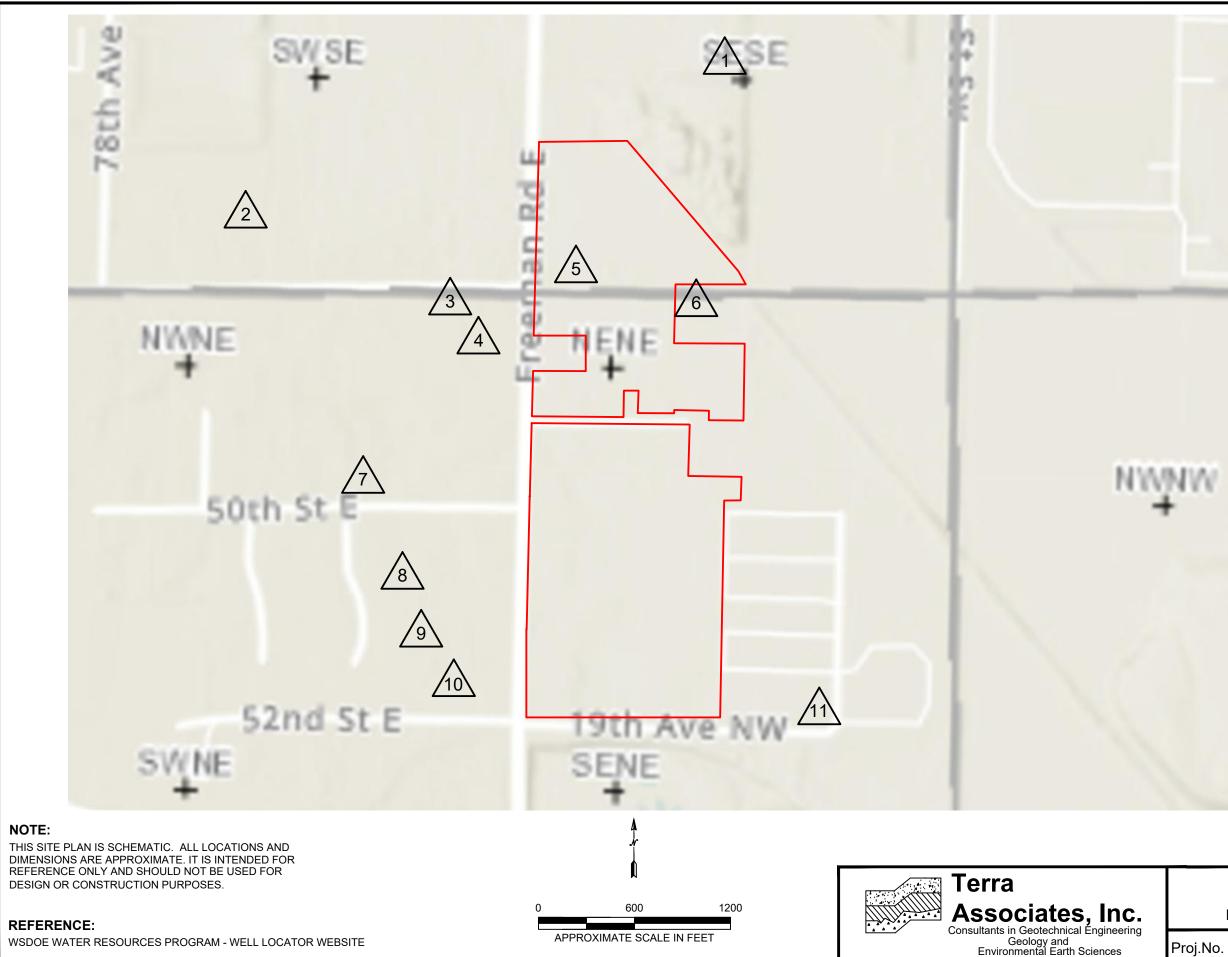
0 125 APPROXIMATE SCALE IN FEET

250



	FR	ATION LOCATI EEMAN LOGISTI COUNTY, WASH	ĊS
J	Proj.No. T-8565	Date:SEPT 2022	Figure 4





LEGEND:



FLETCHER

 $\boxed{3}$ HOEKS

4WINSLOW

 $\sqrt{5}$ SESSLER

 \land LYONS

 \triangle WOODS

 \land SCHAAF

 \land L BLODGETT

10 M BLODGETT

/11 SCHENK

WELL LOCATION MAP FREEMAN LOGISTICS PIERCE COUNTY, WASHINGTON

Proj.No. T-8565	Date:SEPT 2022
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Figure 6

APPENDIX A

TEST PIT AND CPT LOGS

		LOG OF TEST PIT NO. 1	Figure	A-1			
	PROJECT NAME: Grelis Property PROJ. NO: T-8089 LOGGED BY: EHE						
		ATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPRO					
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		(TOPSOIL and ORGANIC DEBRIS)					
1-		Brown sandy SILT to silty SAND with minor organics and rooting, moist. (ML-SM)	Loose				
2-			LUUSE				
3 4 5		Gray to brown sandy SILT to silty SAND with heavy orange to red-brown mottling. (ML-SM)					
6— ▼ 7— 8—		Gray silty SAND to sandy SILT with some light orange mottling. (SM-ML)	Medium Dense	31.5			
9— 10 — 11 —		Test pit terminated at approximately 10 feet. Light groundwater seepage observed at 7 feet.					
12 —							
13 —							
14 —							
15							
NOTE interpr	: This reted	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	Ciates, In Geotechnical Enginee eology and mental Earth Sciences	C. ring			

		LOG OF TEST PIT NO. 2	Figure A	\-2				
	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, 2019DEPTH TO GROUNDWATER: 6 FeetDEPTH TO CAV	/ING: <u>8.5 Feet</u>					
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M				
0-		(TOPSOIL and ORGANIC DEBRIS)						
1 2		Gray-brown silty SAND to sandy SILT with minor organics and rooting, moist. (SM-ML)	Loose					
3- 4- 5-	1	Gray to brown silty SAND to sandy SILT with some clay and heavy orange to red-brown mottling, moist to wet. (SM-ML)						
▼ 6- 7- 8-		Gray silty SAND to sandy SILT, wet to saturated. (ML-SM)	Medium Dense	27.7				
9 10		Test pit terminated at approximately 9 feet. Moderate to heavy groundwater seepage observed at 6 feet. Heavy caving at 8.5 feet.						
11 –								
12 –								
13 –								
14								
15_								
NOTE	: This eted a	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	Ciates, In Geotechnical Enginee eology and mental Earth Sciences	C.				

		LOG OF TEST PIT NO. 3		Figure A	\- 3	
PROJECT NAME: Grelis Property PROJ. NO: <u>T-8089</u> LOGGED BY: EHE						
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPROX. ELEV: N/A					
	DAT	E LOGGED: <u>January 10, 2019</u> DEPTH TO GROUNDWATER: <u>N/A</u>		VING: <u>9.5 Feet</u>		
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, mo ML)	ist. (SM-			
2-				Loose		
3-						
4-		Gray to brown silty SAND to sandy SILT with heavy orange to red-brown mot	tling 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.				
11 -		No groundwater seepage observed.				
12 —						
13 —						
14 —						
15 —						
NOTE interp	: This reted :	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	G	ciates, In Geotechnical Enginee Beology and Imental Earth Sciences	C. ring	

		LOG OF TEST PIT NO. 4	Figure A	\-4			
	PROJECT NAME: Grelis Property PROJ. NO: T-8089 LOGGED BY: EHE						
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Dewy Farm Field APPR	OX. ELEV: <u>N/A</u>				
	DAT	E LOGGED: January 10, 2019 DEPTH TO GROUNDWATER: 8.75 Feet DEPTH TO CA	VING: <u>9 Feet</u>				
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				
2 3 4 5 6		Gray to brown silty SAND to sandy SILT with variable (trace to some) clay and heavy orange to red-brown mottling, moist. (SM-ML)	Loose				
7 8 ▼ 9		Gray SILT with clay and light orange mottling and a 0.5-foot pocket of woody debris, moist to wet. (ML)	Soft	50.1			
10 11 12 13		Test pit terminated at approximately 10 feet. Light groundwater seepage observed at 8.75 feet.					
14 —							
15 – NOTE	15						

LOG OF TEST PIT NO. 5 Figure A-5						
	PRC	JECT NAME: Grelis Property PROJ. NO: 1-8089 LOGGI	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: <u>9 Feet</u>			
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M		
0-		(TOPSOIL and ORGANIC DEBRIS)				
1- 2-		Gray to brown silty SAND to sandy SILT with minor organics and rooting, moist. (SM-ML)	Loose			
		Gray to brown silty SAND to sandy SILT with light orange mottling. (SM-ML)				
3–						
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.				
11 —		No groundwater seepage observed.				
12 —						
13 —						
14 —						
15 _						
NOTE	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.					

		LO	G OF TEST PIT NO.	1		Figure A	-6
	PRC	JECT NAME: Sessler Parcel	PROJ	. NO : <u>T-8136</u>		ED BY: EHE	
	LOCATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPROX. ELEV: N/A						
	DAT	E LOGGED: March 22, 2019 DEPT	H TO GROUNDWATER: 6 Fee	tDEP	ГН ТО СА\	/ING: <u>6 Feet</u>	
Depth (ft)	Sample No.		Description			Consistency/ Relative Density	(%) M
0	1	(4 inches TOPSOIL and ORGANICS Tan to brown silty SAND to sandy S mottling after 3 feet, trace to some c	LT, fine to medium sand, mo	ist, minor to mo	derate	Loose to Medium Dense	31.4
5 ▼ 6	2	Gray to brown silty SAND, fine to co (SM)		or to moderate n	nottling.	Medium Dense	36.6
8-	3	Gray-blue to gray silty SAND, fine to	coarse sand, wet to saturate	ed. (SM)		Medium Dense to Dense	32.5
9- 10- 11- 12- 13- 14- 15-		Test pit terminated at approximately Minor groundwater seepage observe Minor caving observed between 6 ar	ed 6 feet.				
NOTE	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						

		LOG OF TEST PIT NO. 2	Figure A	-7			
	PRO	DJECT NAME: Sessier Parcel PROJ. NO: T-8136 LO	GGED 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	CAVING:5 Feet				
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M			
0-		(4 inches TOPSOIL and ORGANICS)	Loose				
1 2 3 4	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)	Loose to Medium Dense	37.1			
▼ 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			
8-	3	Tan to gray silty SAND, fine to coarse sand, wet to saturated. (SM)	Medium Dense to Dense	33.6			
9- 10 - 11 - 12 - 13 -		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.					
14 —							
15 —							
NOTE	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. The state of the s						

			LOG OF TEST PIT NO	. 3		Figure A	-8
	PRC	JECT NAME: Sessier Parcel	PRO	J. NO: <u>T-8136</u>	LOGGI	ED BY: <u>EHE</u>	
	LOCATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPROX. ELEV: N/A						
	DAT	E LOGGED: March 22, 2019	DEPTH TO GROUNDWATER: 7 Fee	etDEPT	Η ΤΟ CAV	/ING:7.5 Feet	
Depth (ft)	Sample No.		Description			Consistency/ Relative Density	(%) M
0-		(4 inches TOPSOIL and OR	GANICS)			Loose	
1-		Tan to brown silty SAND to mottling below 2 feet, trace	sandy SILT, fine to medium sand, me	oist, minor to mod	lerate		
2-	-						
3-	1					Loose to Medium Dense	35.8
4-							
5-							
6-	2	Gray-blue to gray silty SANE (SM)	D, fine to medium sand, moist, minor	mottling, some cl	ay.	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 SAN	D, fine to coarse sand, wet to saturat	ed. (SM)		Medium Dense	23.6
9-							
10 —		Test pit terminated at approx Minor groundwater seepage Minor caving observed betw	observed at 7 feet.				
11 -							
12 -							
13 -							
14							
15 _							
NOTE	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						

		LOG OF TEST PIT NO. 4	Figure A	-9
	PRC	DJECT NAME: Sessier Parcel LOGG	ED BY: <u>EHE</u>	
	LOC	ATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPR	OX. ELEV : <u>N/A</u>	
	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- 1- 2- 3- 4-	1	(4 inches TOPSOIL and ORGANICS) 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)	Loose to Medium Dense	34.5
5- 6-	2	Gray to brown silty SAND, fine to coarse sand, moist. (SM) Tan to brown sandy SILT, fine to medium sand, moist, minor mottling, some clay. (ML)	Medium Dense to Dense Dense	29.7
7- 8- 9-	3	Gray-blue to gray silty SAND, fine to coarse sand, moist to wet. (SM)	Medium Dense to Dense	26.1
10 - 11 - 12 - 13 - 14 - 15 -		Test pit terminated at approximately 10 feet. No groundwater seepage observed. No caving observed.		
NOTE	: This reted		Ciates, In Decitechnical Enginee Beology and Imental Earth Sciences	

		LOG OF TEST PIT NO. 5	Figure A	-10
	PRC	DJECT NAME: Sessier Parcel LOGG	ED BY:EHE	
	LOC	ATION: Fife, Washington SURFACE CONDITIONS: Pasture Field APPRO	DX. ELEV : <u>N/A</u>	
	DAT	E LOGGED: March 22, 2019 DEPTH TO GROUNDWATER: 7 Feet DEPTH TO CAV	/ING: <u>8 Feet</u>	
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	(%) M
0-		(4 inches TOPSOIL and ORGANICS)	Loose	
1- 2- 3- 4-	- 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)	Loose to Medium Dense	33.2
5- 6-	2	Gray to brown silty SAND, fine to coarse sand, moist to wet. (SM)		31.1
▼ 7 8-	3	Tan to brown sandy SILT, fine to medium sand, wet, some clay. (ML)	Medium Dense	32.1
9-	- 4	Gray-blue to gray silty SAND, fine to coarse sand, wet to saturated. (SM)		36.4
10 11 12 13 14		Test pit terminated at approximately 10 feet. Minor to moderate groundwater seepage from 7 to 10 feet. Minor caving observd between 8 and 10 feet.		
14				
NOTE	: This reted	Consultants in	Ciates, In Geotechnical Enginee Beology and mental Earth Sciences	ering

		LOG OF TEST PIT NO	D. 1		Figure A	-11
PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY: J						
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Bare		APPR	OX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA	DEP1		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-	1					16.4
2-						
3—		Gray-brown to gray SILT, moist, numerous iron-oxide stained r	oot casts. (ML)			
4—	2				Medium Dense	31.0
5—	5					
6-						
7—		Dark gray-brown silty SAND to SAND with silt, fine grained, mo	oist. (SM/SP-SM)			
8—	3					20.4
9—		Test pit terminated at 8.5 feet. No groundwater seepage.				
10						
NOTE interpr	: This reted	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.		onsultants ir	Ciates, In Geotechnical Enginee Seology and Imental Earth Sciences	ring

		LOG OF TEST PIT NO). 2	Figure A	-12
	LOGGED BY: JCS				
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Bare		APPROX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA	DEPTH	TO CAVING: <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 ro	oot casts. (ML)		
3-					
4-					
5-				Medium Dense	
6-					
7-		Interbedded gray-brown to brown SILT and dark gray-brown fin (ML and SP)	e SAND, moist to we	et.	
8-					
					35.4
9—	1	Test pit terminated at 9 feet. No groundwater seepage.			00.4
10					
NOTE	: This reted	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	· · · · · · · · · · · · · · · · · · ·	erra ssociates, In sultants in Geotechnical Enginee Geology and Environmental Earth Sciences	C. ering

		LOG OF TEST PIT NO	D. 3	Figure A-	-13
	OGGED BY: JCS				
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Bare	Α	PPROX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 8.5	ftDEPTH TO	D CAVING: <u>NA</u>	
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 cast	s. (ML)		
4-	1	Orange-brown silty SAND to sandy SILT, fine sand, moist. (SM	/ML)		34.9
0.001				Medium Dense	
5-	2	Dark gray-brown SAND, fine to medium grained, moist (wet bel	ow 8.5 feet. (SP)		5.7
6-					
7-					
8-					
▼ 9-					
		Test pit terminated at 9 feet. Light groundwater seepage below 8.5 feet.			
10					
NOTE	: This reted	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	Ter As Consult	rra sociates, Inc ants in Geotechnical Engineer Geology and Invironmental Earth Sciences	C. ring

		LOG OF TEST PIT NO. 4	Figure A-14
	PRO	DJECT NAME: Freeman Logistics PROJ. NO: T-8565	LOGGED BY: JCS
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Grasses	APPROX. ELEV: <u>NA</u>
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 7.5 ft DEPTH 1	TO CAVING:NA
Depth (ft)	Sample No.	Description	Consistency/ Relative Density ≥
0-		3 inches Sod and Topsoil.	
1-		Brown SILT, dry to moist. (ML)	
2-	1	Dark gray-brown SAND, fine grained, moist. (SP)	6.8
3-			
		Gray-brown SILT, moist, mottled. (ML)	
4-	2		Medium Dense
5-		Interbedded dark gray SILT and dark gray-brown fine SAND, moist to wet. (ML and S	SP)
6-			
7-	_		
T.			
8-			
9-		Test pit terminated at 9 feet.	
10 _		Light groundwater seepage below 7.5 feet.	
NOTE	E: This reted		erra ssociates, Inc. ultants in Geotechnical Engineering Geology and Environmental Earth Sciences

ű.		LOG OF TEST PIT NO. 5		Figure A-	-15
	D BY: JCS	;			
	LOC	CATION: Pierce County, Washington SURFACE CONDITIONS: Bare		X. ELEV : <u>NA</u>	
	DAT	TE 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-		Brown to gray-brown SILT, moist, mottled below 3.5 feet. (ML)			
1-					
2—					
3—	c				
4—	C			Medium Dense	
5—	1	Dark gray-brown silty SAND, fine grained, moist. (SM)			28
6—					
7—	2				
8—		Gray SILT, wet. (ML)		Loose to Medium Dense	
9—	2				36.9
		Test pit terminated at 9 feet. No groundwater seepage.			
10 —					
NOTE	: This reted	s subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	Terra Asso Consultants in G Environ	Ciates, In Geotechnical Enginee eology and mental Earth Sciences	C.

		LOG OF TEST PIT NO. 6	Figure A	16
	PRC	DJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOG	GED BY: JCS	
		ATION: Pierce County, Washington SURFACE CONDITIONS: Grass Lawn APP	ROX. ELEV: <u>NA</u>	
Depth (ft)	Sample No.	Description	Consistency/ Relative Density	W (%)
Der Der	Sar			
1–		2 inches Sod and Topsoil. 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-				
7-		Gray SILT to sandy SILT, fine sand, moist to wet. (ML)		
8-				
9—	-			
10 —		Tesst pit terminated at 9.5 feet. No groundwater seepage.		
NOTE	: This reted	s subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	a Dciates, In in Geotechnical Enginee Geology and onmental Earth Sciences	C. rring

		LOG OF TEST PIT NO	. 7	Figure A	-17
PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY:					
		ATION: Pierce County, Washington SURFACE CONDITIONS: Grasse		APPROX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 8 ft	DEPTH 1	ro caving: <u>na</u>	_
Depth (ft)	Sample No.	Description		Consistency/ Relative Density	(%) M
0-		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. (S	P-SM/SM)		
4-	1			——— Medium Dense	32.9
5-		Gray-brown to gray SILT, moist, scattered iron-oxide stained poo	ckets. (ML)		
6-					
7-					
▼ 8-					
- 8-		Dark gray-brown SAND, fine grained, wet. (SP)			
9-					
		Test pit terminated at 9 feet. Light groundwater seepage below 8 feet.			
10 -					
NOTE	: This reted	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	Contraction in the second seco	erra Ssociates, In Iltants in Geotechnical Enginee Geology and Environmental Earth Sciences	C. ring

		LOG OF TEST PIT NO. 8		Figure A	-18
	PRC	DJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u>	_ LOGG	ED BY:JCS	
	LOC	CATION: Pierce County, Washington SURFACE CONDITIONS: Brush	APPRO	DX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: NA DEPTH	H TO CA	/ING: <u>NA</u>	
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)	ł		
	1				19.1
2-					
3-				Medium Dense	
4-					
5-					
6-	8				
7-		Gray SILT, wet. (ML)			
8-				Loose	
112					
9-	2	Test pit terminated at 9 feet. No groundwater seepage.			35.8
10 —					
NOTE	: This reted		erra SSO	ciates, In Geotechnical Enginee eology and mental Earth Sciences	C.

		LOG OF TEST	PIT NO. 9		Figure A	∖- 19
	PRO	JECT NAME: Freeman Logistics	PROJ. NO: <u>T-856</u>	5 LOGGE	D BY: <u>JCS</u>	
	LOC	ATION: Pierce County, Washington SURFACE CONDITIO	ONS: Grasses		X. ELEV : <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDW	ATER: <u>7 ft</u>	DEPTH TO CAV	ING: <u>NA</u>	
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M
0-		4 inches Sod and Topsoil. Brown to gray-brown SILT, dry to moist, scattered mo	ottling. (ML)			
2-						
4-	1	Gray-brown SILT, moist, significant iron-oxide stainin	g. (ML)		Medium Dense	41.7
5-						
▼ 7-		Dark gray SAND, fine grained, moist. (SP)				07.0
8-	2					27.9
9		Test pit terminated at 9 feet. Light groundwater seepage below 7 feet.				
NOTE	: This reted	s subsurface information pertains only to this test pit location and sho as being indicative of other locations at the site.	uld not be	Terra Asso Consultants in G Environr	Ciates, In Geotechnical Enginee eology and nental Earth Sciences	C. Pring

		LOG OF TEST PIT NO. 10		Figure A-	-20
	PRO	-8565 LOGGI	ED BY: JCS		
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Grasses	APPRC	DX. ELEV: <u>NA</u>	
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: <u>NA</u>	DEPTH TO CAV	/ING: <u>NA</u>	
Depth (ft)	Sample No.	Description		Consistency/ Relative Density	(%) M
0-		4 inches Sod and Topsoil.			
1—		Brown to gray-brown SILT, dry to moist, scattered mottling. (ML)			
2—					
3—	-			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 —					
NOTE	: This reted	s subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.	Terra Asso Consultants in Environ	ciates, In Geotechnical Enginee eology and mental Earth Sciences	C. ring

	LOG OF TEST PIT NO. 11 Figure A-21								
	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS								
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPR	OX. ELEV : <u>NA</u>						
	DAT	E 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 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 —									
NOTE interp	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. This subsurface information pertains only to this test pit location and should not be interpreted as being indicative of other locations at the site. The subsurface information pertains only to this test pit location and should not be interpreted as being indicative of other locations at the site.								

	LOG OF TEST PIT NO. 12 Figure A-22								
	PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY: JCS								
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPR	OX. ELEV: <u>NA</u>	20					
	DAT	E 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-		3 inches Sod and Topsoil.							
1-		Brown to gray-brown SILT, dry to moist, mottled below 2 feet. (ML)							
2—									
3–		Interbedded gray SILT and dark gray-brown fine SAND, moist to wet. (ML and SP)	-						
		Interbedded gray Sie'r and dark gray-brown nne SAND, moist to wet. (Me and Si')							
4—			Medium Dense						
5-									
				30.2					
6-	1	Dark gray SAND, fine grained, moist to wet, scattered dark gray silty fine sand layers. (SP)		50.2					
7-									
8-									
U									
9—		Test pit terminated at 9 feet.							
10 —		No groundwater seepage.							
NOTE	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.								

	LOG OF TEST PIT NO. 13 Figure A-23								
	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: JCS								
	LOC	ATION: Pierce County, Washington SURFACE CONDITIONS: Grasses APPI	ROX. ELEV: <u>NA</u>						
	DAT	E LOGGED: June 25, 2021 DEPTH TO GROUNDWATER: 8 ft DEPTH TO CA	AVING:NA						
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-	-								
3-		Interbedded gray SILT and dark gray-brown fine SAND, moist to wet. (ML and SP)							
4-			Medium Dense						
5-		Dark gray SAND, fine grained, moist to wet, scattered dark gray silty fine sand layers. (SP)							
6-									
7-									
▼ 8-	-								
9-		Test pit terminated at 9 feet. Light to moderate groundwater seepage below 8 feet							
10 -		1							
NOTE	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. 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 Consultants in Geotechnical Engineering Geology and Environmental Earth Sciences								

	LOG OF TEST PIT NO. TP-101 Figure A-24								
	PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY: <u>SLK</u>								
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Long Grass APPROX. ELEV: N/A								
	DAT	E LOGGED: June 22, 2022 DEPTH TO GROUNDWATER	≀: <u>N/A</u>	DEPTI		/ING:7 to 12 feet			
Depth (ft)	Sample No.	Description				Consistency/ Relative Density	(%) M		
0_									
1		Black SILT with sand, fine sand, moist, moderate organic				Loose			
2—		Brown silty SAND, fine to medim sand, moist. (SM)					7.4		
3—		Grayish-brown silty SAND/sandy SILT, wet, slightly mottle							
4—				-)		Medium Dense	31.6		
5—									
6—									
7		Brown sandy SILT/silty SAND, wet, fine sand, very minor		ions. (SP)					
8—							39.0		
9—						Loose/Medium Dense			
10 —						20000			
11 —									
12 —		Test pit terminated at 12 feet.					30.7		
13 —		No groundwater seepage observed. Moderate caving observed from 7 to 12 feet.							
14									
NOTE interpr	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.								

		LOG OF TEST PIT NO. TP-102		Figure A	\-25			
	PROJECT NAME: Freeman Logistics PROJ. NO: T-8565 LOGGED BY: SLK							
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Long Grass APPROX. ELEV: N/A							
	DAT	TE LOGGED: June 22, 2022 DEPTH TO GROUNDWATER: N/A	DEPTH TO CAV	/ING:7 to 12 feet				
Depth (ft)	Sample No.	Description		Consistency/ Relative Density	(%) M			
0_					1			
		(10 inches Topsoil)		Loose				
1—		Brown silty SAND, fine to medium sand, moist, scattered organics. (SM)						
2—	-				00.0			
3—			·		20.0			
4		Bedded layers of grayish-brown and red/orange silty SAND and sandy SILT moist, heavily mottled. (SM/ML)	, fine sand,	Medium Dense	34.8			
4—				Medium Dense	34.0			
5—								
6—	-				30.3			
7—								
		Brown sandy SILT/silty SAND, fine sand, moist, some mottling. (ML/SM)						
8—								
9—	-			Loose/Medium	29.8			
10 —				Dense				
11								
12 —	-	Gray silty SAND/sandy SILT, fine sand, moist, weakly cemented. (SM/ML)	·	Medium				
13 —				Dense/Dense	31.9			
14 —		Test pit terminated at 13 feet. No groundwater seepage observed. Moderate caving observed from 7 to 12 feet.						
15	I	<u> </u>			I			
			Terra					

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.



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

	LOG OF TEST PIT NO. TP-103 Figure A-26								
	PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY: <u>SLK</u>								
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Long Grass APPROX. ELEV: N/A								
	DAT	E LOGGED: June 22, 2022 DEPTH TO GROUNDWATER: N/A DEPTH TO C	AVING: 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 with silt, fine to medium sand, moist. (SM/SP-SM)							
2—			Medium Dense						
3- 4-		Dark gray SAND, fine to medium sand, moist, trace silt. (SP)		7.8					
-				-					
5—		Grayish-brown sandy SILT/silty SAND, fine sand, moist, mottled. (ML/SM)							
6—									
7—				42.6					
8—			Loose/Medium Dense						
9—									
10 —									
11 —		Gray silty SAND/sandy SILT, fine sand, moist to wet, trace peat. (SM/ML)	Medium Dense	47.5					
12 —		Test pit terminated at 12 feet. No groundwater seepage observed.		46.8					
13 —		Moderate caving observed from 4.5 to 11 feet.							
14									

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.



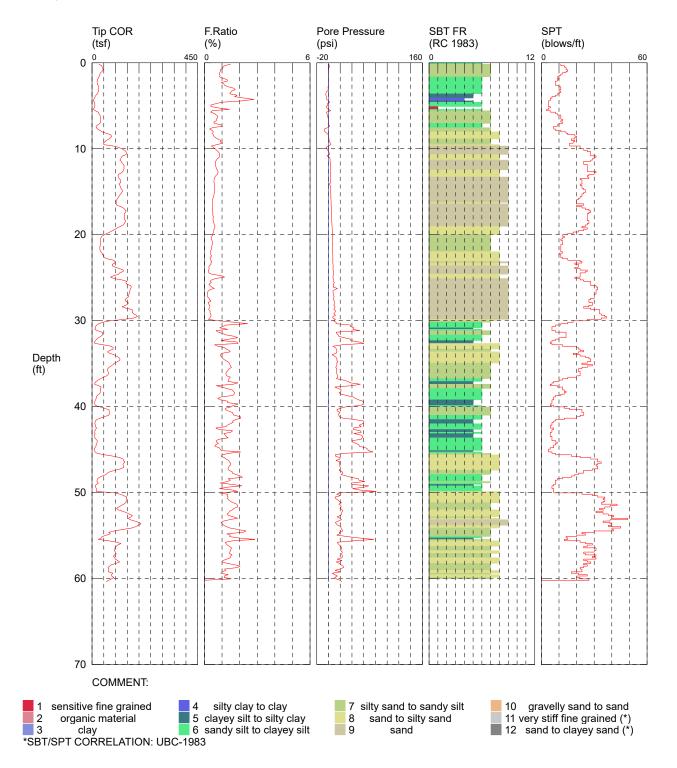
Terra Associates, Inc. Consultants in Geotechnical Engineering Geology and Environmental Earth Sciences

		LOG OF TEST PIT NO.	. TP-104		Figure A	\-2 7				
	PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY: <u>SLK</u>									
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Long Grass APPROX. ELEV: N/A									
	DAT	E LOGGED:June 22, 2022 DEPTH TO GROUNDWATER: 1	N/A DEPI	H TO CA	/ING: 8.5 to 13 feet					
Depth (ft)	Sample No.	Description			Consistency/ Relative Density	(%) M				
0						1				
1		Black SILT with sand, fine sand, moist, moderate organic inc	lusions. (ML) (Tops	oil)	Loose					
		Brown silty SAND, fine to medim sand, moist, scattered roots	()							
2		Grayish-brown and red/orange sandy SILT, fine sand, moist,		L)						
3—						40.1				
4—										
5—					Medium Dense					
6—										
7—										
8—										
9—		Bedded layers of dark gray and grayish-brown silty SAND an moist. (SM/ML)	nd sandy SILT, fine s	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										
NOTE	: This reted	subsurface information pertains only to this test pit location and should not be as being indicative of other locations at the site.		Terra Asso onsultants ir Enviror	ciates, In Geotechnical Enginee Geology and mental Earth Sciences	C. ering				

	LOG OF TEST PIT NO. TP-105 Figure A-28									
	PROJECT NAME: Freeman Logistics PROJ. NO: <u>T-8565</u> LOGGED BY: <u>SLK</u>									
	LOCATION: Pierce County, Washington SURFACE CONDITIONS: Long Grass APPROX. ELEV: N/A									
	DAT	E LOGGED: June 22, 2022 DE	EPTH TO GROUNDWATER: <u>N/A</u>	DEF	тн то са	/ING: 8 to 12 feet				
Depth (ft)	Sample No.		Description			Consistency/ Relative Density	(%) M			
0 1—		(8 inches Topsoil) FILL: Brown sandy SILT, fine to n	nedim sand, moist, scattered ro	oots. (SM)		Loose				
2— 3—		*Plastic membrane observed at a Grayish-brown silty SAND/sandy		L)			37.2			
4— 5—						Medium Dense				
6— 7—							28.3			
8— 9—										
10 — 11 —	Gray silty SAND/sandy SILT, fine sand, moist to wet, some mottling. (SM/ML)					Loose/Medium Dense	25.3			
12 — 13 —	Test pit terminated at 12 feet. No groundwater seepage observed.									
14							<u> </u>			
NOTE interpr	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. The subsurface information pertains only to this test pit location and should not be interpreted as being indicative of other locations at the site.									

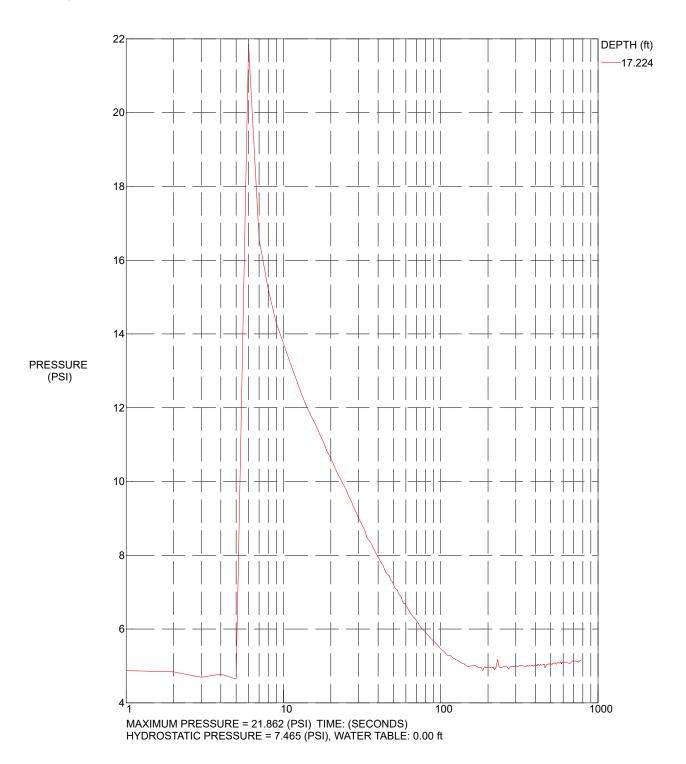


CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Mayfield/Okbay CONE ID: DDG1394 TEST DATE: 7/8/2021 10:05:10 AM PREDRILL: BACKFILL: 20% Bentonite Grout + Bentonite Chip SURFACE PATCH:



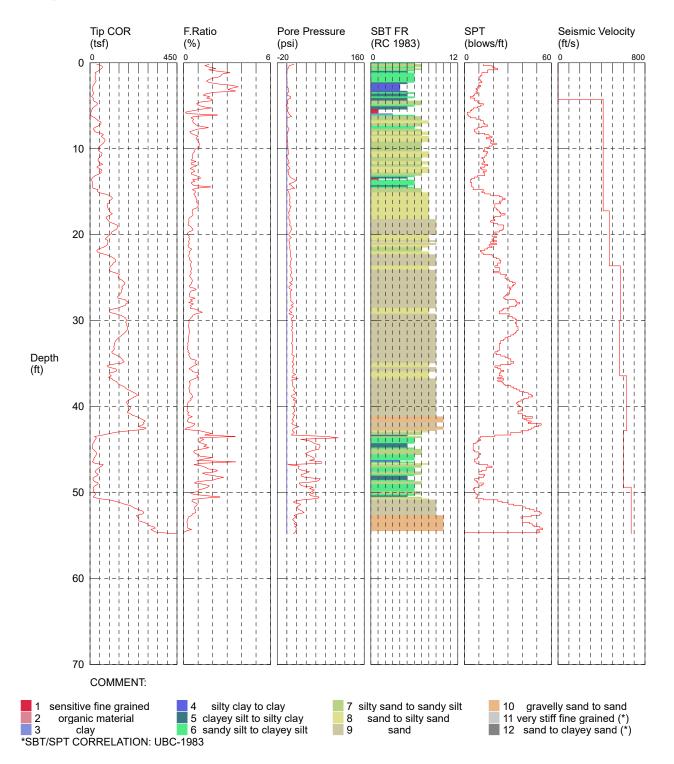


OPERATOR: Mayfield/Okbay CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 CPT CONTRACTOR: In Situ Engineering CONE ID: DDG1394 TEST DATE: 07/08/2021



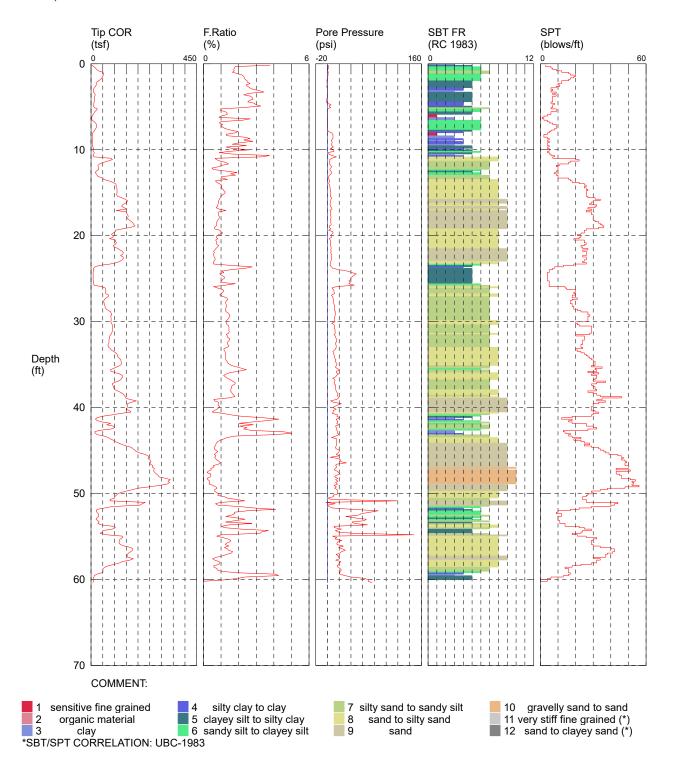


CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Mayfield/Okbay CONE ID: DDG1394 TEST DATE: 7/8/2021 1:09:48 PM PREDRILL: BACKFILL: 20% Bentonite Grout + Bentonite Chip SURFACE PATCH:



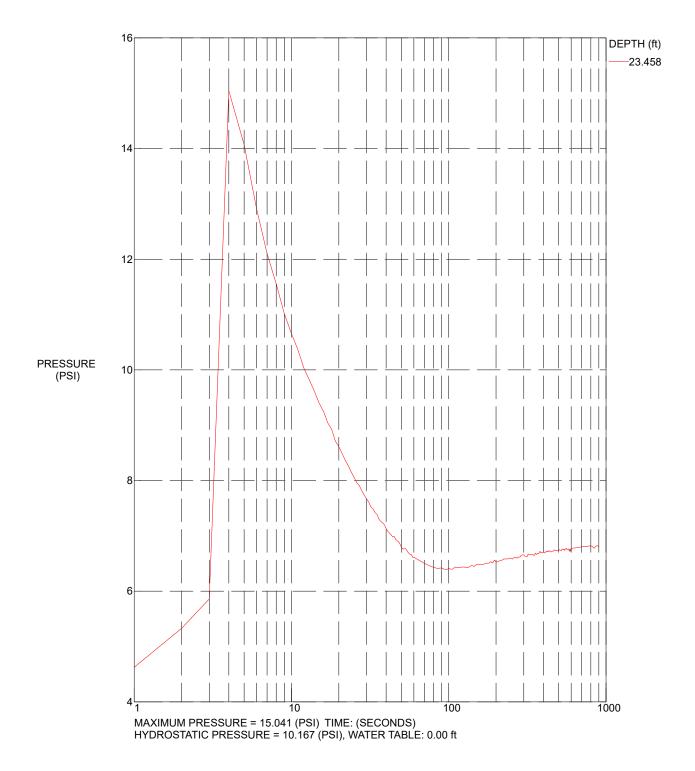


CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Mayfield/Okbay CONE ID: DDG1394 TEST DATE: 7/8/2021 11:30:56 AM PREDRILL: BACKFILL: 20% Bentonite Grout + Bentonite Chip SURFACE PATCH:



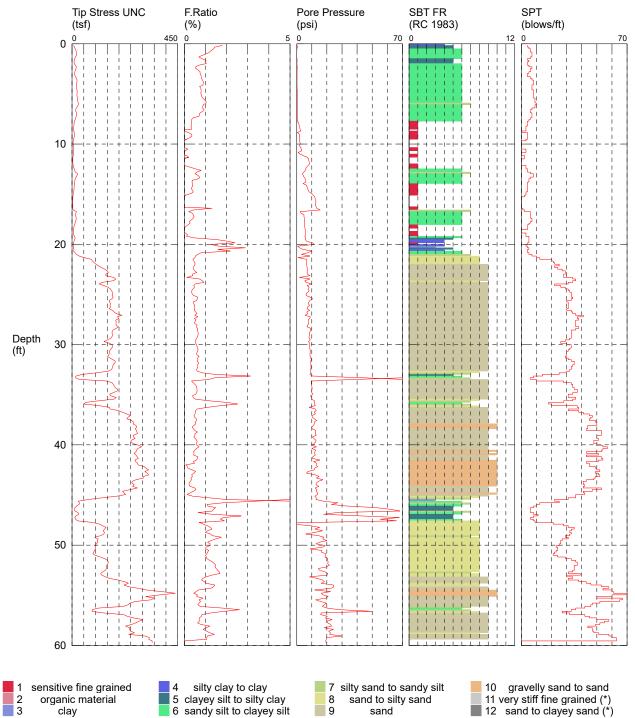


OPERATOR: Mayfield/Okbay CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 CPT CONTRACTOR: In Situ Engineering CONE ID: DDG1394 TEST DATE: 07/08/2021



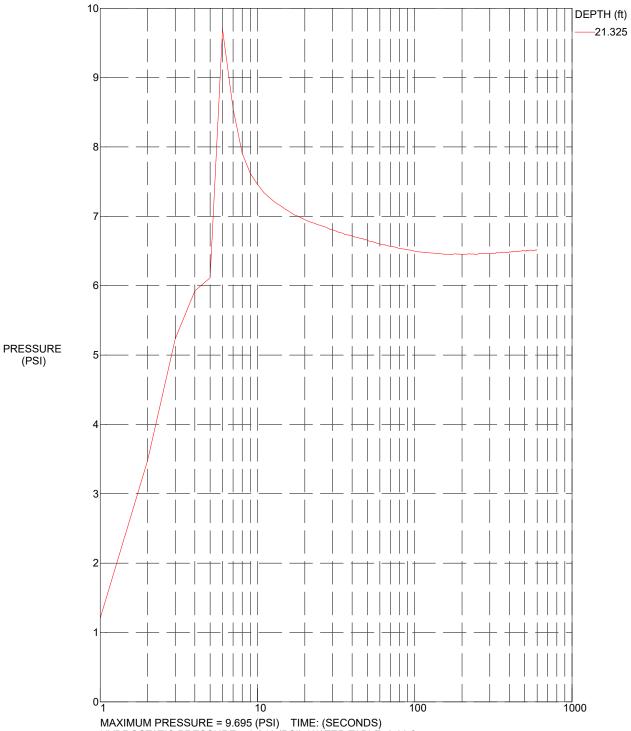


CPT CONTRACTOR: In Situ Engineering CUSTOMER: Terra Associates LOCATION: Puyallup JOB NUMBER: T-8565 OPERATOR: Okbay/Forinash CONE ID: DDG1263 TEST DATE: 6/9/2022 11:11:29 AM PREDRILL: BACKFILL: SURFACE PATCH:



*SBT/SPT CORRELATION: UBC-1983

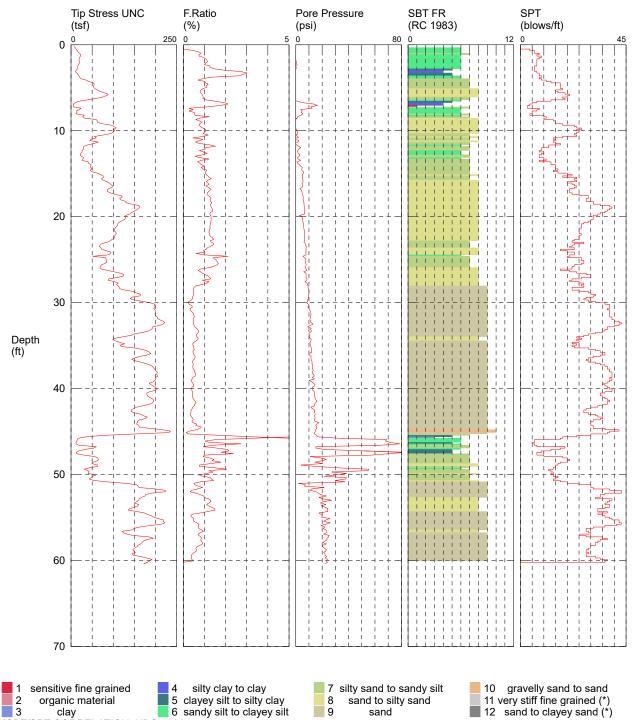




MAXIMUM PRESSURE = 9.695 (PSI) TIME: (SECONDS) HYDROSTATIC PRESSURE = 9.242 (PSI), WATER TABLE: 0.00 ft



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:



*SBT/SPT CORRELATION: UBC-1983

APPENDIX B

DOE WELL DETAILS AND DRILLER'S LOGS



Well Construction & Licensing

earc	h Criteria Us Left Coordina	te: 1186628		Edit Search Criteria	Q New Search
• · ·	Top Coordina	dinate: 692801 ater			Lownload all 49 data reco
Displa	aying well rep	oorts 1 → 25 of 49			
Sort r	esults by:	Well Owner Name	1	Results Per Page:	25 👻
#		Well Details		Location Details	
1.	Diew PDF	Well Owner: CARL SCHENK Well Tag ID: ACV549 Notice of Intent Number: Group Number: Not Applicable Well Report ID: 44962 Well Diameter: 8 in. Well Depth: 252 ft.		Well Type: Water / Well Completion D	2 85th Ave E r: SE-NE / S-20 / T-20-N / R-4 -E Subtype: Unknown
2.	View PDF	Well Owner: CITY OF PUYALLUP Well Tag ID: Notice of Intent Number: 036552 Group Number: Not Applicable Well Report ID: 45289 Well Diameter: 30 in. Well Depth: 50 ft.		E Well Type: Water / Well Completion D	R RD, PUYALLUP r: SW-NE / S-20 / T-20-N / R-04 Subtype: Unknown
3.	View PDF	Well Owner: CITY OF PUYALLUP Well Tag ID: BAH002 Notice of Intent Number: D036951 Group Number: Not Applicable Well Report ID: 481468 Well Diameter: 36 in. Well Depth: 20 ft.		04-E Well Type: Water / Well Completion D	.EY AVE AND 86TH r: NW-NW / S-21 / T-20-N / R- Subtype: Dewatering
4.	View PDF	Well Owner: CITY OF PUYALLUP Well Tag ID: BAH002 Notice of Intent Number: D036951 Group Number: Not Applicable Well Report ID: 498891 Well Diameter: 36 in. Well Depth: 20 ft.		04-E Well Type: Water / Well Completion D	.EY AVE AND 86TH r: NW-NW / S-21 / T-20-N / R- Subtype: Dewatering

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 Well Report Received Date: 10-29-2007
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.	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.	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.	View PDF	Well Owner: DANA WINSLOW 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.	View PDF	Well Owner: ERNEST V SCHAAF 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: GOHN SESSLER 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.	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.	View PDF	Well Owner: L & M LYONS Well Tag ID: Notice of Intent Number: W010318 Group Number: Not Applicable Well Report ID: 49550 Well Diameter: 6 in. Well Depth: 135 ft.	Tax Parcel Number: Well Address: 8315 49TH ST E, PUYALLUP County: PIERCE Public Land Survey: NE-NE / S-20 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 02-03-1994 Well Report Received Date: Tay Pagead Number:
13.	DF	Well Owner: LINDA BLODGET Well Tag ID: Notice of Intent Number: W054843 Group Number: Not Applicable Well Report ID: 49877 Well Diameter: 6 in. Well Depth: 111 ft.	Tax Parcel Number: Well Address: 5110 FREEMAN RD, ORTING County: PIERCE Public Land Survey: NW-NE / S-20 / T-20-N / R-04- E Well Type: Water / Subtype: Unknown Well Completion Date: 05-26-1995 Well Report Received Date:
14.	View PDF	Well Owner: MARK HOCKS Well Tag ID: AKN597 Notice of Intent Number: W165115 Group Number: Not Applicable Well Report ID: 389493 Well Diameter: 6 in. Well Depth: 118 ft.	Tax Parcel Number: 0420205018 Well Address: 4802 FREEMAN RD S,FIFE County: PIERCE Public Land Survey: NE-NE / S-20 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 09-27-2004 Well Report Received Date: 09-09-2004
15.	View PDF	Well Owner: MICHAEL BLODGITT Well Tag ID: Notice of Intent Number: Group Number: Not Applicable Well Report ID: 50339 Well Diameter: 6 in. Well Depth: 275 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: 11-23-1976 Well Report Received Date: 12-15-1976
16.	View PDF	Well Owner: MIKE FLECHER GOOD STEWART TRUST Well Tag ID: AFC523 Notice of Intent Number: W121629 Group Number: Not Applicable Well Report ID: 301257 Well Diameter: 6 in. Well Depth: 102 ft.	Tax Parcel Number: Well Address: 7909 48TH ST E FIFE 98424 County: PIERCE Public Land Survey: SE-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 12-22-1999 Well Report Received Date: 12-11-2000
17.	View PDF	Well Owner: STEVE KINDEL Well Tag ID: ACM686 Notice of Intent Number: W089301 Group Number: Not Applicable Well Report ID: 55853 Well Diameter: 6 in. Well Depth: 115 ft.	Tax Parcel Number: Well Address: 4519 FREEMAN RD, PUYALLUP County: PIERCE Public Land Survey: SW-SE / S-17 / T-20-N / R-04-E Well Type: Water / Subtype: Unknown Well Completion Date: 12-12-1996 Well Report Received Date: 03-07-1997
18.	View PDF	Well Owner: Trammell Crow Company Well Tag ID: BIA323 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1546938 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

19.	♪ View PDF	Well Owner: Trammell Crow Company Well Tag ID: BIA324	Tax Parcel Number: Well Address: Valley Ave NE & 27th Ave CT NW
		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.	▶ View PDF	Well Owner: Trammell Crow Company 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: Trammell Crow Company 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: Trammell Crow Company 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: Trammell Crow Company 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.	▶ View PDF	Well Owner: Trammell Crow Company 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. 1 2	View PDF	Well Owner: Trammell Crow Company 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

We	ll Repor	t Search Results	• Edit Search Criteria	Q New Search
Searc	h Criteria Use Left Coordina Right Coordir Top Coordina	ed: te: 1186628 late: 1190111 te: 688258 dinate: 692801		
	wnload all 49 nt this page	<u>images</u>		L Download all 49 data recor Need He
		orts 26 → 49 of 49		
Sort I	esults by:	Well Owner Name 🗸	Results Per Page:	25 🗸
# Well Details			Location Details	
26.	▶ View PDF	Well Owner: Trammell Crow Company 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.	County: PIERCE Public Land Survey 04-E Well Type: Water / Well Completion E	ey Ave NE & 27th Ave CT NW y: SW-SW / S-16 / T-20-N / R ' Subtype: Dewatering
27.	View PDF	Well Owner: Trammell Crow Company 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.	County: PIERCE Public Land Survey 04-E Well Type: Water / Well Completion E	ey Ave NE & 27th Ave CT NW y: SW-SW / S-16 / T-20-N / R ' Subtype: Dewatering
28.	View PDF	Well Owner: Trammell Crow Company 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.	County: PIERCE Public Land Survey 04-E Well Type: Water / Well Completion E	ey Ave NE & 27th Ave CT NW y: SW-SW / S-16 / T-20-N / R ' Subtype: Dewatering
29.	View PDF	Well Owner: Trammell Crow Company 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.	County: PIERCE Public Land Surve 04-E Well Type: Water / Well Completion E	ey Ave NE & 27th Ave CT NW y: SW-SW / S-16 / T-20-N / R ' Subtype: Dewatering

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30.	View PDF	Well Owner: Trammell Crow Company 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: Trammell Crow Company Well Tag ID: BIA333	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: Well Address: Valley Ave NE & 27th Ave CT NW
		Weil 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.	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.	DF	Well Owner: Trammell Crow Company 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: Trammell Crow Company 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: Trammell Crow Company 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: Trammell Crow Company 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.	View PDF	Well Owner: Trammell Crow Company 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: Trammell Crow Company 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. Well Owner: Trammell Crow Company Well Tag ID: BIA335	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: Well Address: Valley Ave NE & 27th Ave CT NW Count of DEDEC
		Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551722 Well Diameter: 1.5 in. Well Depth: 26 ft.	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.	Niew PDF	Well Owner: Trammell Crow Company 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.	▶ View PDF	Well Owner: Trammell Crow Company 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.	▶ View PDF	Well Owner: Trammell Crow Company 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: Trammell Crow Company 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: Trammell Crow Company 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

44.	View PDF	Well Owner: Trammell Crow Company Well Tag ID: BIA339 Notice of Intent Number: DE01370 Group Number: Not Applicable Well Report ID: 1551732 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
45.	View PDF	Well Owner: Trammell Crow Company 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
46.	View PDF	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
47.	View PDF	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:
48.	View PDF	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:
49.	View PDF	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

Total Result Pages: 2

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Well Construction & Licensing

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Well	Report S	Search Results	Edit Search Criteria	Q New Search
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Print	nload all 234 im <u>this page</u>			L Download all 234 data records Need Help
	sults by:	226 → 234 of 234 Depth	Results Per Page:	25 🗸
#		Well Details	Location Details	
226.	View PDF	Well Owner: Benaroya LLC Well Tag ID: BKG940 Notice of Intent Number: DE01871 Group Number: Not Applicable Well Report ID: 1600676 Well Diameter: 2 in. Well Depth: 23 ft.	Tax Parcel Number: Well Address: Freeman - Valle County: PIERCE Public Land Survey: NE-SE / S Well Type: Water / Subtype: D Well Completion Date: 09-23- Well Report Received Date: 10	S-17 / T-20-N / R-04-E Dewatering -2015
227.	View PDF	Well Owner: Benaroya LLC Well Tag ID: BKG942 Notice of Intent Number: DE01871 Group Number: Not Applicable Well Report ID: 1600678 Well Diameter: 2 in. Well Depth: 23 ft.	Tax Parcel Number: Well Address: Freeman - Valle County: PIERCE Public Land Survey: NE-SE / S Well Type: Water / Subtype: D Well Completion Date: 09-23 Well Report Received Date: 10	S-17 / T-20-N / R-04-E Dewatering -2015
228.	View PDF	Well Owner: Benaroya LLC Well Tag ID: BKG944 Notice of Intent Number: DE01871 Group Number: Not Applicable Well Report ID: 1600680 Well Diameter: 2 in. Well Depth: 23 ft.	Tax Parcel Number: Well Address: Freeman - Valle County: PIERCE Public Land Survey: NE-SE / S Well Type: Water / Subtype: D Well Completion Date: 09-23- Well Report Received Date: 10	S-17 / T-20-N / R-04-E Dewatering -2015
229.	View PDF	Well Owner: Benaroya LLC Well Tag ID: BKG946 Notice of Intent Number: DE01871 Group Number: Not Applicable Well Report ID: 1600682 Well Diameter: 2 in. Well Depth: 23 ft.	Tax Parcel Number: Well Address: Freeman - Valle County: PIERCE Public Land Survey: NE-SE / S Well Type: Water / Subtype: D Well Completion Date: 09-23 Well Report Received Date: 10	S-17 / T-20-N / R-04-E Dewatering -2015

230.	View PDF	Well Owner: Benaroya LLC Well Tag ID: BKG948 Notice of Intent Number: DE01871 Group Number: Not Applicable Well Report ID: 1600684 Well Diameter: 2 in. Well Depth: 23 ft.	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
231.	View PDF	Well Owner: Benaroya LLC Well Tag ID: BKG950 Notice of Intent Number: DE01871 Group Number: Not Applicable Well Report ID: 1600686 Well Diameter: 2 in. Well Depth: 23 ft.	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
232.	View PDF	Well Owner: DAVID LOUDERBACK Well Tag ID: AGP001 Notice of Intent Number: W137558 Group Number: Not Applicable Well Report ID: 331120 Well Diameter: 6 in. Well Depth: 65 ft.	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
233.	View PDF	Well Owner: AARON STORTS Well Tag ID: AKS361 Notice of Intent Number: W203755 Group Number: Not Applicable Well Report ID: 437297 Well Diameter: 6 in. Well Depth: 164 ft.	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
234.	4 5 6 7 8 9 10	Well Owner: DOUG FABRE Well Tag ID: ACN796 Notice of Intent Number: Group Number: Not Applicable Well Report ID: 46358 Well Diameter: 6 in. Well Depth: 255 ft.	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 Well Report Received Date: 02-19-1976

Total Result Pages: 10

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Water Right Permit No. Water Right Permit No. Address 4521 PREMAN RD FUYALLUP WA 98371 (21 LOCATION OF WELL COUNTY PIERCE (22 LOCATION OF WELL (or nearest address) 4519 PREMAN RD FUYLLUP WA (23 STREET ADDRESS OF WELL (or nearest address) 4519 PREMAN RD FUYLLUP WA (3) PROPOSED USE: DOMESTIC (10) WELL LOG or DECOMMISSIONING PROCEDURE DESC (4) Type of work: NEW WELL Mathed: ROTARY Material (10) WELL LOG or DECOMMISSIONING PROCEDURE DESC (10) WELL LOG or DECOMMISSIONING PROCEDURE DESC (10) WELL LOG or DECOMMISSIONING PROCEDURE DESC Material Material Material Material (10) WELL LOG or DECOMMISSIONING PROCEDURE DESC Material Material Material Material COMPACTED GRAVELS DIAL FORM OF ATTER GREY CLAY GREY SANDY CLAY, WOOD Material	Page : 17 T 20 N F	
(2) LOCATION OF WELL: County PIERCE EW 1/4 SE 1/4 Sec 1 (2a) STREET ADDRESS OF WELL (or nearest address) 4519 FREENAN RD PUTLUP WA EW 1/4 SE 1/4 Sec 1 (3) PROPOSED USE: DOMESTIC (10) WELL LOG OF DECOMMISSIONING PROCEDURE DESC (4) Type of work: NEW WELL Method: ROTARY (10) WELL LOG OF DECOMMISSIONING PROCEDURE DESC (5) DIMENSIONS: Diameter of well 6 Drilled 115 feet. Depth of completed well 115 ft. BLACK TOPGOIL BROWN CLAY (6) CONSTRUCTION DETAILS: Casing instild: 6 * Diam. from 0 ft. to 111 ft. Welded X * Diam. from ft. to ft. GREY SANDY CLAY GREY SANDY CLAY, WOOD Liner * Diam. from ft. to ft. Threaded_ GREY SINDY CLAY, WOOD, GRAVELS Perforations: Yes No X Type of perforations from ft. to in. perforations from ft. to in. In. Screens: Yee X No_ Manufacturer's Name JOHNSON Manufacturer's Name JOHNSON International Screens (State of Demotion State State of Demotion State State of Demotion State S	CRIPTION From 0 6'' 4 12 21 36 53	R 4 To 6 4 12 21 36 53 94
(2a) STREET ADDRESS OF WELL (or nearest address) 4519 FREENAN RD FUTILUP WA (3) PROPOSED USE: DOMESTIC (4) Type of work: NEW WELL Method: ROTARY Method: ROTARY (5) DIMENSIONS: Diameter of well 6 inches. Drilled 115 feet. Depth of completed well 115 ft. 6) CONSTRUCTION DETAILS: Casing instld: 6 Diam. from 0 Casing instld: 6 Diam. from 0 ft. to 111 Fhreaded	CRIPTION From 0 6'' 4 12 21 36 53	To 6 4 12 21 36 53 94
(3) PROPOSED USE: DOMESTIC (10) WELL LOG OF DECOMMISSIONING PROCEDURE DESC (4) Type of work: NEW WELL Method: Material (5) DIMENSIONS: Diameter of well 6 Drilled 115 feet. Depth of completed well 115 ft. Material (5) DIMENSIONS: Diameter of well 6 Drilled 115 feet. Depth of completed well 115 ft. BLACK TOPSOIL BROWN CLAY (6) CONSTRUCTION DETAILS: Casing instil: 6 Diam. from 0 ft. to 111 ft. Welded X Diam. from ft. to ft. GREY SANDY CLAY, WOOD GREY SANDY CLAY, WOOD Liner Diam. from ft. to ft. Threaded GREY SANDY CLAY, WOOD, GRAVELS Perforations: Yee No X Type of perforator used in. by Size of perforations from ft. to perforations from ft. to Screens: Yee X NO_ Manufacturer's Name JOENSON In.	From 0 6'' 4 12 21 36 53	6 4' 12 21 36 53 94
(4) Type of work: NEW WELL Material Method: ROTARY (5) DIMENSIONS: Diameter of well 6 inches. Drilled 115 feet. Depth of completed well 115 ft. (6) CONSTRUCTION DETAILS: GREY CLAY (7) Mail Do dr JORON GREY CLAY (6) CONSTRUCTION DETAILS: GREY CLAY (7) Casing instld: 6 Diam. from 0 ft. to 111 (7) Mail Do dr JORON GREY CLAY (6) CONSTRUCTION DETAILS: GREY SANDY CLAY (7) Casing instld: 6 Diam. from 0 ft. to 111 Welded X Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Jiner * Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded * GREY SANDY CLAY, WOOD, GRAVELS GREY SILTY SANDS, WATER Perforations: Yes No X * * * Type of perforator used * * * Size of perforations from ft. to in. * * * perforations from ft. to in. * * * Screens: Yes X No * * * * Wanufacturer's Name JOHNSON <td>From 0 6'' 4 12 21 36 53</td> <td>6 4' 12 21 36 53 94</td>	From 0 6'' 4 12 21 36 53	6 4' 12 21 36 53 94
Method: ROTARY Material (5) DIMENSIONS: Diameter of well 6 inches. COMPACTED GRAVELS Drilled 115 feet. Depth of completed well 115 ft. BLACK TOPSOIL BROWN CLAY GREY CLAY GREY CLAY (6) CONSTRUCTION DETAILS: GREY SANDY CLAY Casing instid: 6 Diam. from 0 ft. to 111 Welded X Diam. from ft. to 111 ft. GREY SANDY CLAY Welded Z Diam. from ft. to ft. GREY SANDY CLAY, WOOD Liner * Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded GREY SILTY SANDS, WATER Perforations: Yes _ NO X	0 6 4 12 21 36 53	6 4' 12 21 36 53 94
(5) DIMENSIONS: Diameter of well 6 inches. COMPACTED GRAVELS Drilled 115 feet. Depth of completed well 115 ft. (6) CONSTRUCTION DETAILS: GREY CLAY Casing instld: 6 * Diam. from 0 ft. to 111 (6) CONSTRUCTION DETAILS: GREY CLAY Casing instld: 6 * Diam. from 0 ft. to 111 Welded X * Diam. from ft. to ft. GREY SANDY CLAY, WOOD Liner * Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded _ GREY SILTY SANDS, WATER Perforations: Yes _ No X	0 6 4 12 21 36 53	6 4' 12 21 36 53 94
Drilled 115 feet. Depth of completed well 115 ft. BLACK TOPSOIL 6) CONSTRUCTION DETAILS: GREY CLAY GREY CLAY Casing instld: 6 Diam. from 0 ft. to 111 ft. GREY SANDY CLAY Welded X Diam. from ft. to ft. GREY SANDY CLAY, WOOD Inser Threaded Inser Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS GREY SILTY SANDS, WATER Perforations: Yes No X Type of perforator used GREY SILTY SANDS, WATER Size of perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. Screens: Yes X No Manufacturer's Name JOHNSON Manufacturer's Name JOHNSON	6 · · · 4 12 21 36 53	4 · 12 21 36 53 94
(a) CONSTRUCTION DETAILS: BROWN CLAY (b) CONSTRUCTION DETAILS: GREY CLAY Casing instld: 6 Diam. from 0 ft. to 111 ft. Welded X Diam. from ft. to ft. GREY SANDY CLAY Welded X Diam. from ft. to ft. GREY SANDY CLAY, WOOD Liner "Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded GREY SILTY SANDS, WATER Perforations: Yes No X Type of perforator used in. Size of perforations in. by in. perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. metro in. Screens: Yes X NO Manufacturer's Name JOHNSON	4 12 21 36 53	12 21 36 53 94
6) CONSTRUCTION DETAILS: GREY CLAY Casing instld: 6 Diam. from 0 ft. to 111 ft. Welded X Diam. from ft. to ft. GREY SANDY CLAY, WOOD Liner Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded GREY SILTY SANDS, WATER Perforations: Yes No X Type of perforator used in. Size of perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. in. perforations from ft. to in. in. Manufacturer's Name JOHNSON Image: Sandy CLAY	12 21 36 53	21 36 53 94
Casing instld: 6 Diam. from 0 ft. to 111 ft. GREY SANDY CLAY Welded X Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Liner Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded GREY SILTY SANDS, WATER Perforations: Yes No X Type of perforator used in. Size of perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. in. Screens: Yes X No Manufacturer's Name JOHNSON	21 36 53	36 53 94
Welded X • Diam. from ft. to ft. GREY SANDY CLAY, WOOD Liner • Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded GREY SILTY SANDS, WATER Perforations: Yes No X Type of perforator used in. Size of perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. in. Screens: Yes X No_ Manufacturer's Name JOHNSON	36 53	53 94
Liner " Diam. from ft. to ft. GREY SANDY CLAY, WOOD, GRAVELS Threaded GREY SILTY SANDS, WATER	53	94
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. perforations from ft. to in. Screens: Yes X No_ Manufacturer's Name JOHNSON		115
Type of perforator used		
Type of perforator used		
Size of perforations in. by in. perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. Screens: Yes X No_		
perforations from ft. to in. perforations from ft. to in. perforations from ft. to in. Screens: Yes X No_		
perforations from ft. to in. perforations from ft. to in. Screens: Yes X No		
perforations from ft. to in. Screens: Yes X No		I
Screens: Yes X No		
Manufacturer's Name JOHNSON		· —
Manufacturer's Name JOHNSON	1 1	
	· · · · · · · ·	
	—— !	
Type STAINLESS Model No	! ——!	
Diam 6 Slot size 14 from 111 ft. to 115 ft.	<u> </u>	
Diam Slot size from ft. to ft.		- -
	! —!	
Gravel packed: Yes _ No X Size of gravel	n !	
Gravel placed from ft. to ft.	ا <u> </u>	<u></u>
	<u></u>	
Surface seal: Yes X No To what depth? 19 ft.	<u> </u>	
Material used in seal BENTONITE	편	
Did any strata contain unusable water? Yes No X	オ	
Type of water? Depth of strata	≭ I	
	<u> </u>	
	7 i	
7) PUMP: Manufacturer's Name Jacuzzi		
туре 15ВS418-14 В.Р. % 12		
	<u> </u> !	
) WATER LEVELS: Surface elev above mean sea level ft.	<u> </u>	<u> </u>
Static level 2.6 ft. below top of well Date 12/12/96	<u> </u>	
Artesian pressure lbs. per sq. in. Date		
Artesian pressure is controlled by		
) WELL TESTS: Pump test made? By whom? Work Started 12/10/96 Completed 12/12/	_ i	
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 while constructed and/or accept responsibility for	r	++
Recovery data:		
Time Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl. ruction standards. Materials used and the info	-	
		abot.
above are true to my best knowledge and belief	L.	
Name RICHARDSON WELL DRILLING		
Address P.O. Box 44447 Tecome WA 98444		
Date of test		
	. No 2017	
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	2/23.
emperature of water Was chemical analysis made? NGYES Based on form ECL 050-1-20 (2/93)**f-1329- by Sp	peed System	ma Co

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L-1	Ind Copy — Owner's Copy	ASHINGTON		
hire	Grad Stewart trust	water Right Perini No	A OCUL	<u></u>
ŋ	OWNER Name Mike Hecher Add			<u> </u>
2)	LOCATION OF WELL County Hepce	SE 1/4 SE 1/4 Sec 17 T	20 <u>NR</u>	<u>4E</u> w
!a)	STREET ADDRESS OF WELL (or nearest address) 7909 484 9	<u>+ </u>	· · · · · · ·	
3)	PROPOSED USE 😕 Domestic Industrial 🗆 Murricipat 🗇	(10) WELL LOG or ABANDONMENT PROCEDURE	DESCRIPT	ION
<i>יי</i>	firigation firigation DeWater 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, w chance of information	and show thickne	ass of aquif
I)	TYPE OF WORK Owner's number of well (If more than one)	MATERIAL	FROM	то
	Abandoned 🗋 New well 📋 Method Dug 🗍 Bored 🗋 Deepened 🗍 Cable 🎘 Driven 🗌	Brown SITT	0	10
	Reconditioned Retary Diversed	Gran SI Ita Clay	10	60
5)	DIMENSIONS Diameter of well	Sitty Fine Solud	60	77
4	Dnilled 10 3 feet Depth of completed well #00 102 tt	Gras Silt Class	77	82
	Eviliated 70 Departer completed wein 10 C 10 C	and Sand	92	103
5)	CONSTRUCTION DETAILS,	men sarger		103
	Casing installed Diam fromft toft			
	Welded Diam from ft to tt		_	
	Threaded Diam fromft toft			
	Perforations Yes No			
	Type of perforator used	·		+
	SIZE of perforations in by in			ł
	perforations from ft to ft			
	perforations fromtt tott			
	perforations from ft to ft to		_	
	Screens Yes 🖳 No 🗌 Manufacturer s Name	· · · · · · · · · · · · · · · · · · ·		
	Type Model No	DECO		
	Diam <u>5</u> Slot size <u>16</u> from <u>100</u> ft to <u>9.5</u> ft.	<u> </u>		
	DiamSlot sizefromft toft			
	Gravel packed Yes No Size of gravel	DEC 1 1 2000		
	Gravel placed from ft to ft	<u>-</u> 2.000		
	Surface seal Yes 💹 No 🗌 To what depth? ft	Washington State		
	Material used in seal	Denutment of P		
	Did any strata contain unusable water? Yes No	Department of Ecology		
	Type of water? Depth of strata			
	Method of sealing strata off			
7)	PUMP Manufacturer s Name		× 1	
	TypeHP			
3)	WATER LEVELS Land-surface elevation	Work Started 12-20 19990mpleted 12	- 2Z	19 <u></u>
	above mean sea levelft Static levelft below top of well Date			
	Artesian pressure lbs per square inch Date	WELL CONSTRUCTOR CERTIFICATION		
	Artesian water is controlled by	I constructed and/or accept responsibility for construct	tion of this we	ell, and r
		compliance with all Washington well construction stands		
)	WELL TESTS Drawdown is amount water level is lowered below static level	the information reported above are true to my best knowl	eoge and belle	91
	Was a pump test made? Yes No If yes by whom?	NAME HOH DRILLING PLK		
	Yieldgal /min withft drawdown afterhrs			
	21 23 12 33	Address P.D. BOX 1890 Millow U	JA YE	<u>354</u>
	33 37 H 39			-~
	Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	(Signed) WORL DRILLER)	ense Nc UB	//
Ť	ime Water Level Time Water Level Time Water Level	Contractoria		
		Contractor's Registrated アシンクル	22.4	e e
		No COLOF #1360C- Date 2	-77-	Lĭ9_
		(USE ADDITIONAL SHEETS IF NECES	SSARY)	-
	Date of test	· · · · · · · · · · · · · · · · · · ·	,	
	Bailer test 20 gal /min with 37 ft drawdown atter / hrs	Ecology is an Equal Opportunity and Affirmative Activ	n emolover	For spe
	Automatical and function of the second		a angroyci	- ur aµe
	Arriest gal /min_with stem set at ft_for hrs			1 at (206
	Airlest gal /min with stem set at ft for hrs Artesian flow g p m Date	cial accommodation needs, contact the Water Resourt 407-6600 The TDD number is (206) 407-6006		n at (206

)

Please pr	int, sign a	and return	to the	Department	of	Ecology
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Water Well Report Original - Ecology, 1 st copy - owner, 2 nd copy - driller	Current Notice of Intent No. W165115		
E C 0 L 0 G Y Construction/Decommission	Unique Ecology Well ID Tag No. <u>AKN 59</u>	97	
Construction	Water Right Permit No.		
Decommission ORIGINAL INSTALLATION Notice	Property Owner Name Mark Hoeks		
15 6782 of Intent Number	Well Street Address 4802 Freeman Road S	outh	<u>_</u>
PROPOSED USE: Image: Comparison Industrial Municipal Image: Comparison Image: Comparison Test Well Other	City <u>Fife</u> County <u>Pierc</u>		
TYPE OF WORK: Owner's number of well (if more than one)	Location <u>NE 1/4-1/4 NE 1/4 Sec 20</u> Twn 20		circle
Image: Weight of the seconditioned Method : Dug Bored Driven Image: Deepened Cable Image: Rotary Jetted	Lat/Long (s, t, r Lat Deg Lat	t Min/Sec _	·
DIMENSIONS: Diameter of well 6 inches, drilled 118 ft. Depth of completed well 118 ft.	still REQUIRED) Long Deg Lo	ng Min/Sec	
CONSTRUCTION DETAILS	Tax Parcel No. 0420205018		
Casting	CONSTRUCTION OR DECOMMISSIO	N PROCED	URE
Perforations: Yes V No	Formation: Describe by color, character, size of material and	structure, and th	ne kind and
Type of perforator used	nature of the material in each stratum penetrated, with at least	•	
SIZE of perfsin. byin. and no. of perfsfromft. toft.	information indicate all water encountered. (USE ADDITION MATERIAL	FROM	TO
Screens: Ves No K-Pac Location 102	Soft brown topsoil.	0	4
Manufaculter's Name Johnson			· · · · · · · · · · · · · · · · · · ·
Туре <u>S.S.</u> <u>Model No.</u> Diam. <u>5</u> Slot size, 010from 108ft. to 113ft.	Brown silty fine to medium sand.	4	10
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		l .	
Gravel/Filter packed: Yes V No Size of gravel/sand	Moist to wet fine brown silty sand.	10	38
Materials placed fromft. toft.			
Surface Scal: : 2 Yes No To what depth? 18ft.	Grayish brown wet fine silty sand.	38	50
Material used in seal Bentonite Chips			
Did any strata contain unusable water? Yes No	Trace fine to medium gravel.	50	62
Type of water? Depth of strata			
Method of sealing strata off	Brown silty fine sand.	62	92
PUMP: Manufacturer's Name Type:H.P.			
	Black, red, gray fine to medium sand,	92	
WATER LEVELS: Land-surface elevation above mean sea levelft.	water.		118
Static level <u>10</u> ft, below top of well Date <u>9/27/04</u> Artesian pressure lbs. per square inch Date			
Artesian water is controlled by			
(csp, valve, etc.)			
WELL TESTS: Drawdown is amount water level is lowered below static level		L	ļl
Was a pump test made? 🗋 Yes 🛛 Z No If yes, by whom?	······		
Yield: gal/min. with ft. drawdown after hrs. Yield: gal/min. with ft. drawdown after hrs.			├
Yield: gal/min. with ft. drawdown after hrs. Yield: gal/min. with ft. drawdown after hrs.			
Recovery data (time taken as zero when pump turned off) (water level measured from well			н., 1
top to water level)			- 73
Time Water Level Time Water Level Time Water Level			
	04-1161-08		
Date of test			<u> </u>
Date of test		6+	
		<u> </u>	× ⊼m
		E	
Temperature of water Was a chemical analysis made? 🔲 Yes 🗹 No	Start Date 9/27/04 Complete	<u>نن</u> od Date 94/27	
	Complete		<u> </u>

 WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all

 Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

 Driller/Engineer/Traince Name (Print)
 Matthew Call

 Drilling Company Tacoma Pump & Drilling Co., Inc.

Driller/Engineer/Traince Name (Print) Matthew Call	Drilling Company <u>Tacoma Pump & Drilling Co., Inc.</u>
Driller/Engineer/Trainee Signature	Address 30316 Mountain Highway
Driller or trainee License No. 2571	City, State, Zip Graham, WA 98338
(II TRAINEE,	Contractor's
Driller's Licensed No.	Registration No. TACOMPD203PF Date 9/7/04
Driller's Signature	Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 2/03)
	₩ 1 H 3 1 H

Please print, sign and return to the Department of E	Ecology
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Water Well Report Original – Ecology, 1 st copy – owner, 2 nd copy – driller	Current Notice of Intent No. <u>WE02633</u>		
Construction/Decommission	Unique Ecology Well ID Tag No. AKN 5	39	
기Construction	Water Right Permit No.		
Decommission ORIGINAL INSTALLATION Notice	Property Owner Name Dana Winslow		
51 900 of Intent Number		Foot	
	Well Street Address 4812 Freeman Road		
PROPOSED USE: Domestic Industrial Municipal DeWater Intrigation Test Well Other	City Puyallup County Pierce		
TYPE OF WORK: Owner's number of well (if more than one)	Location $\underline{NW1}/4-1/4$ $\underline{NE1}/4$ Sec $\underline{20}$ $Twn \underline{20}$	R_4 EWN	circle
Image: Seconditioned Method : Image: Dag Bored Image: Driven Deepened Cable Rotary Jetted	Lat/Long (s, t, r Lat Deg La		
DIMENSIONS: Diameter of well 6 inches, drilled 116 ft.	still REQUIRED) Long Deg Lo	mg Min/See	•
Depth of completed well <u>115</u> ft.			
CONSTRUCTION DETAILS	Tax Parcel No. 0420205019		
Casing Image: Weilded 6 " Diam. from +1.5 ft. to 108.5 ft. Installed: Liner installed <" Diam. fromft. toft.	CONSTRUCTION OR DECOMMISSI	ON PROCED	URE
Threaded Diam. from ft. toft. Perforations: Yes V No	Formation: Describe by color, character, size of material and		
Type of perforator used	nature of the material in each stratum penetrated, with at least	t one entry for e	ach change of
SIZE of perfs in. by in. and no. of perfs from ft. toft.	information indicate all water encountered. (USE ADDITIO MATERIAL	FROM	TO
Screens: Ves No VK-Pac Location 106	Brown topsoil silty sand.	0	9
Manufacturer's Name Johnson			
Type <u>Stainless Steel</u> Model No Diam. <u>5.5</u> Slot size <u>18</u> from <u>110</u> ft. to <u>115</u> ft.	Black with red sand some gravel silt	9	
Diamft. toft.	some water.		60
Gravel/Filter packed: Yes Z No Size of gravel/sand			
Materials placed fromft. toft.	Gray clay fine sand.	60	75
Surface Seal: : Z Yes No To what depth? 18ft.			07
Material used in seal <u>Bentonite Chips</u>	Gray fine silty sand some water.	75	97
Did any strata contain unusable water? Yes No Type of water? Depth of strata	Black/red sand silt water bearing.	97	114
Method of sealing strata off	Black/red sand sitt water bearing.	191	114
PUMP: Manufacturer's Name	Gray clay.	114	116
Гуре: Н.Р			
WATER LEVELS: Land-surface elevation above mean sea levelft.		1.1	
Static level <u>14</u> ft. below top of well Date <u>9/16/04</u>		• •	ļ
Artesian pressure lbs. per square inch Date			· ·
(cap, valve, etc.)		Ø	
WELL TESTS: Drawdown is amount water level is lowered below static level			+
Was a pump test made? 🔲 Yes 🛛 Po If yes, by whom?	SEP 2 3 2004		
Yield:hrs. Yield:gal/min. withft. drawdown afterhrs.		+	+
Yield:gal/min. withft. drawdown afterhrs.	Washington State	1	1
Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	Department of Ecolog	?y	1
Time Water Level Time Water Level Time Water Level			
······································	04-1164-08		-
		ļ	
Date of test		ļ	_
Sailer testgal/min. withft. drawdown afterhrs.		ļ	
Airrest <u>25-30</u> gal./min. with stem set at <u>110</u> ft. for <u>1</u> hrs.			+
Artesian flow g.p.m. Date		+	+
Comperature of water Was a chemical analysis made? 🔲 Yes 🗹 No	Start Date 9/16/04 Comple	1 led Date <u>9/16</u>	1 5/04
	Comple	BOLDENG <u>9/10</u>	// U⁻¹

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Driller/Engineer/Trainee Name (Print) Mark Wiese	Drilling Company Tacoma Pump & Drilling Co., Inc.
Driller/Engineer/Trainee Signature	Address 30316 Mountain Highway
Driller or trainee License No. 2432	City, State, Zip Graham, WA 98338
(If TRAINEE,	Contractor's
Driller's Licensed No.	Registration No. TACOMPD203PF Date 9/20/04
Driller's Signature	Ecology is an Equal Opportunity Employer. ECY 050-1-20 (Rev 2/03)

••

File Original and First (Department of Ecology		DRT Start Card No. <u>20</u> UNIQUE WELL I.D. # <u>A</u>	
Second Copy - Owner Third Copy - Driller's C		Water Right Permit No	
(1) OWNER: Name	<u>Gahn Sessler</u> A WELL: County <u>Pierce</u>	toress 1504 FRYOR AVE, SUL	ner un 983
2) LOCATION OF	WELL: County Pierce	SE 1/4 SE 1/4 Sec 17 7 20	N.R. 4EWM
28) STREET ADDRI	ESS OF WELL: (or nearest address) 4773 Freem	an Rd., PuyAllup, Wash	98.371
3) PROPOSED US	Dimigation Difest Well Dother	(10) WELL LOG of ABANDONMENT PROCED Formation: Describe by color, character, size of me and the kind and nature of the material in each stra	aterial and structure,
() TYPE OF WORP	C: Owner's number of well (if more than one) AET-436		
	Deepened Dug DBored	MATERIAL Brown Sandy Cossail	FROM TO
	Reconditioned Cable Driven Rotary Jetted	SROWN SILE	6" 15'
5) DIMENSIONS:	Diameter of well incl		15' 28'
Drilled		n gray Sill	28' 31'
6) CONSTRUCTION		Bray cilty fin sand	31' 52'
Casing Installed		appener little ust	52' 80'
Welded	Diam. from ± 2 tt. to 106	" Fine Sand, trace of HaC	
 Liner installed Threaded 	Diam. from ft. to Diam. from ft_ to	-"	80' 111
Perforations:	🗆 Yes 📕 No		
Type of perforato			
SIZE of perforation	in. by fr. to		
	periorations from ft. to		
	perforations from ft. to	ft.	
Screens:	A Yes □ No		
	ame <u>COOK</u> am/ess Star/ Model No. & TE/2		
Type <u>5</u> Diam. <u>6</u> プ		t.	
Diam.	Glot size from ft. to	t.	
Gravel packed:			
Gravel placed ind	m ħ. to	_1	
Surface seal:	X Yes D No To what depth?		
	eal bentonite chips		
	ntain unusuable water? Yes a No Depth of strata		
	strata off beptilies anata	—	
· _	lurer's NameH.P		
Туре:			i
	: Land-surface elevation above mean sea level	". Work Started 7/9, 19.99. Completed	7/14 1999
Static level	7'-/0'' It. below top of well Date 7//3/99 		
Artesian pressure Artesian water is (
	(Cap, valve, etc.)	WELL CONSTRUCTION CERTIFICATION:	
) WELL TESTS: D	rawdown is amount water level is lowered below static level	I constructed and/or accept responsibility for cons	
Was a pump test	made? Yes 🗆 No _ If yes, by whom? <u>HoKKo.iclo</u>	 compliance with all Washington well construction and the information reported above are true to my 	
Yield:	gal/min. with2 — 7" tt. drawdown afterh	rs	-
Yield: <u></u>		rs. NAME HOKKAIDO DRILLING, IN (Person, Firm, or Corporation) (
-			21 I
Recovery data (tir top to water level)	në taken as zero when pump turned off) (water level measured from we		
Time Wate	r Løvel Time Water Løvel Time Water Løve	(Signed) Derell Flave (Se	License No. 2398
-2	<u>2-4" 10m 740"</u>		
- Len - Len		Contractor's HOKKADD178D3	Date JULY 15 19
Date of test	7/13/99		
Bailer test	gal/min. with fi, drawdown aftert		IEUESSARY)
Airtest	gal/min. with stem set at ft. fort	nrs.	
Atesian flow	g.p.m. Date ater Was a chemical analysis made? ∭ Yes □ No	Ecology is an Equal Opportunity and Affirmative A	ction employer. For energy
remperature of W		accommodation needs, contact the Water Resource	
Y 050-1-20 (7/97)		6600. The TDD number is (360) 407-6006.	• - · - · (, ·•·

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

					Recei		325-5	-	,
le O	riginal and First Copy with	WEI		A P1	T	Start (Card No. 🕢	10318	
	tment or Ecology			VA		UNIQU	E WELL I.C), #	
	ld Copy—Owner's Copy STA1 Copy—Driller's Copy STA1	TE OF W	ASHINGTON	Water F	Right Perm	it No			
<u> </u>	OWNER: Name L+ M Lyon 3		Address	315	497	57	E Puy	RHLAP	ΨA
	0 0			NI	<u>ل</u> ر ک	Even	20_T_	4 Qu 0	4 Enn
)	LOCATION OF WELL: County TIERCE CO STREET ADDDRESS OF WELL (or nearest address) \$315	1107	575.	D		<u>א א פר א</u>	A	 R., n.	
a)	STREET ADDDRESS OF WELL (or nearest address)	<u>47</u>							
)	PROPOSED USE: B Domestic Industrial Munic trrigation DeWater Test Well Other	icipal 🗆 m 🗆	(10) WELL L Formation: Description	ihe by or	olor chara	cter size	of material ar	d structure	and show
}	TYPE OF WORK: Owner's number of well		with at least one a	ntry for eac	ch change d	of informatik	on.	FROM	то
		ored 🗆	BROWN		MATERIAL	<u>.</u>		0	3
	Deepened 🗌 Cable 🗊 Dri	riven 🗆 🗌	BROWN			<u> 301 L</u>	ī	3	8
			<u>B Rown</u>	Ra Ra			E SAL		45
		_inches.	<u> </u>	5:17		<u> </u>		45	78
	Drilled_ <u>135</u> feet. Depth of completed well_ <u>135</u>	<u> </u>	Silt +	SAND	6.21	ERD		78	126
5)	CONSTRUCTION DETAILS:	F	714012			y wh	14E	126	135
	Casing installed: Diam. fromft. to	ft.					SAnd		ļ
	Welded # * Diam. from ft. to	-							ļ
	Liner installed * Diam. fromft. to	ft.							
	Perforations: Yes No								
	Type of perforator used	L							·
	SIZE of perforations in, by	in.							
	perforations from ft. to	ft.							
	perforations fromft. to								
	perforations fromft. to	ft.							
	Screens: Yes No	-							
	Manufacturer's Name								
	Type Model No	20							
	Diam. 5 Slot size 12 from 134 tt. to 12	<u>~ 7</u> ₩.							
	DiamSlot sizefromft. to	ft.							
	Gravel packed: Yes No Size of gravel								
	Gravel placed fromft. to	ft.							·:
	O where each Man Man IO where out in the second sec	tt.		•					
	Material used in seal Bentonia chips								
	Did any strata contain unusable water? Yes No								
	Type of water?Depth of strataDepth of strata								
	Method of sealing strate off								
7)	PUMP: Manufacturer's Name								_
•	Type:H.P								
0 \	WATER LEVELS: Land-surface elevation above mean sea level	#						<u> </u>	
8)	Static level ft. below top of well Date	١١٠							_
	Artesian pressure Ibs. per square inch Date								
	Artesian water is controlled by (Cap, valve, etc.))				<u>n //</u>		npleted 2-	3.94	
-	WELL TESTS: Drawdown is amount water level is lowered below a	static level	Work started	rd8 -	14_	_, 19. Con	npleted	<u> </u>	, 19
9)	WELL TESTS: Drawdown is amount water laver is lowered below a Was a pump test made? Yes No Kit yes, by whom?		WELL CON	STRUC	TOR CE	RTIFICA	TION:		
	Yield: gal./min. with ft. drawdown after		L a a motivita	tod and/		t resnons	ibility for co	nstruction	of this we
	11 II II		صصفئا سمما	omplight	a with a	ii Washin	gton well co eported abov	mstruction	า รเลแนสเบ
		"	Materials knowledg				-poiles 4004		
	Recovery data (time taken as zero when pump turned off) (water level me from well top to water level)		· · ·		_		÷		
	Time Water Level Time Water Level Time Wa	later Level	NAME HO	<u>17</u>	EST	16-9	Inc ATION)	(TYPE	OR PRINT)
		×	Address						
			Address	1021	-101				
	Date of test			1	0.	0	1.1	e No. 2	094
		12 hr-	(Signet)	<i>ore</i>		L C**	- Interna	e NO. 🥙	
	Bailer test gal./min. with ft. drawdown after Airtest gal./min. with stem set at ft. for		Contractor's Registration				22	91	
	Airtest gal. / min. with stem set at n. for Artesian flow g.p.m. Date	109-	No			_ Date_	<u>2-3-</u>	17	, 19

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

WATER WELL REPORT State of Washington

Start Card No. W089304

Water Right Permit No.

Unique Well ID ACM685

(1) OWNER: Name WAYNE WOODS

(2) LOCATION OF WELL: County PIERCE

Address 14703-105TH AVE CT 2 PUYALLUP WA 98374 Page 1 of

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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

(3)	PROPOSED USE: DOMESTIC	(10) WELL LOG or DECOMMISSIONING PROCEDURE DESCRIP	TION	
(4)				<u> </u>
	Method: ROTARY	Material	From	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	·i i		İ
	Liner " Diam. from ft. to ft	•		
	Threaded			ļ
	Perforations: Yes No X			
	Type of perforator used			
	Size of perforations in. by in	•		
	perforations from ft. to in	•		
	perforations from ft. to in			
	perforations from ft. to in	•		
	Screens: Yes X No			
	Manufacturer's Name JOHNSON	•		<u></u>
	Type STAINLESS Model No		i	;
	Diam 6 Slot size 15 from 94.2 ft. to 98.7 ft			¦
	Diam Slot size from ft. to ft	•		i
	Gravel packed: Yes _ No X Size of gravel			
			i	¦ ——
	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			İ
	Nethod of sealing strata off			
(7)				
	туре 5BS410-8 н.р. о .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			ļ
	Artesian pressure lbs. per sq. in. Date	_		
	Artesian pressure is controlled by			
(9)	WELL TESTS: Pump test made? By whom?	Work Started 12/05/96 Completed 12/09/96		
1	Yield 0 gal./min. with ft. drawdown after hr	-		
	Yield 0 gal./min. with ft. drawdown after hr			
	Yield 0 gal./min. with ft. drawdown after hr		onstruc	ction
	Recovery data:	this well, and its compliance with all Washington		
-	e Wtr. Lvl. Time Wtr. Lvl. Time Wtr. Lvl			
1		above are true to my best knowledge and belief.		·
		Name RICHARDSON WHAL DRILLING		
		Address P.O. Box 44427 Tacoma WA 96444		
	e of test	1100/11		
		(Signed) Lic. No.	o 2017	
		(Walt Drillar)		
		Contractor's Registration No. RICHAW*3210B	Date 3	12/16/
	ow 0 gal/min Date	Based on form ECL 050-1-20 (2/93)**f-1329- by Speed		
	of water Was chemical analysis made? NO	paper ou totm FCP 020-1-20 (2/23)1-1223- DA abea		00

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11

Well Tagging Form

AKB 30 Unique Well Tag No:____

RECORD VERIFICATION (check ✓ or	ne)
Well Report available (please attach this form to the well report and submit it Office near you). If a well report is not available, please complete a "Water Well Report form. This form is available at Ecology's headquarters office. Do n wells that do not have a Water Well Report.	ort for an Existing Well"
WELL OWNERSHIP, IF DIFFERENT FROM WE	LL REPORT
Water COMPANY of WASHINGTON LIC. First Name:	
LOCATION OF WELL, IF DIFFERENT FROM W	ELL REPORT
Well Address: <u>Eggi Mann Water System IIc</u> City: <u>Fife</u> County: <u>Pierce</u> T. <u>2011</u> N. R. <u>04E</u> W.M. Sec. <u>20</u>	
FOR AGENCY USE ONLY	
Latitude"	GPS Topographic Map Survey
	Computer generated Digital Altimeter
Elevation at land surface feet/meters (circle one)	Topographic Map Other
Additional information, if available: Location marked on topographic map (please attach)	
Location marked on air photo (please attach)	

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

WATER WELL REPORT STATE OF WASHINGTON

Application No.

Permit No.

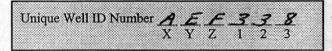
5

- 3

(1) OWNER: Name Ernest V. Schaaf	Address 5013-80th Ave. Ct. E. Puyall	Lup, Wa	. 9837
2) LOCATION OF WELL: County Pierce	- NW 1/2 NE 1/4 Sec20 T	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 materia show thickness of aquifers and the kind and nature of stratum penetrated, with at least one entry for each c	l and stru the materi	cture, and al in each formation
(4) TYPE OF WORK: Owner's number of well x2 2	MATERIAL	FROM	то
New well 🛛 Method: Dug 🗌 Bored 🗌 Deepened 🗍 Cable 🕅 Driven 🗍	Silt-grey	0	2
Drepened Cable Driven Reconditioned Rotary Jetted	Grey silty sand	2	12
	Brown silty sand	12	19
(5) DIMENSIONS: Diameter of well8 inches.	Brown sand	19	25
Drilled 283 it. Depth of completed well 283 ft.	Fine to medium dark sand	25	48
(6) CONSTRUCTION DETAILS:	Sandy brown silt	48	57
	Dark fine to medium sand, heaving		
Casing installed: 8 Diam. from 0 ft. to 273 ft.	material	. 57	63
Threaded Diam. from ft. to ft.	Dark fine to medium sand-heaving		
Welded 🕅	material	63	69
Perforations: Yes D No 2	Grey silt	69	.75
Type of perforator used	Grey sand	75	81
SIZE of perforations in. by in.		81	93
perforations from ft. to ft.	Grey sand	93	138
ft. to ft.	Grey clay & silt	138	153
Screens: yes X No	Grey sandy silt	153	172
Manufacturer's NameJohnson_Well	Grey clay	172	183
TypeStainless steel Model No	Silty sand (grey)	183	218
Diam. 8. Slot size	Grey clay	218	238
Diam	Silty brown sand	238	253
Crowd wedrad	Sandy silt	253	258
Gravel packed: Yes No & Size of gravel:	Brown silty sand	258	262
Gravel placed from ft. to ft.	Water bearing sand and gravel		
Surface seal: Yes No D To what depth?ft.	brown in color	262	273
Material used in seal Bentonite	Brown silty sand	273	285
Did any strata contain unusable water? Yes 🗋 No 🕅		1.11	
Type of water? Depth of strata			
Method of sealing strata off			
(7) PUMP: Manufacturer's Name			
Туре: Н.Р			
(8) WATER LEVELS: Land-surface elevation above mean sea levelft.			
Static level XXX62XXft. below top of well Date6-23-83.			
Artesian pressurelbs. per square inch Date			
Artesian water is controlled by			
in a second second second second second second second second second second second second second second second s			
(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?		-25	
Vield: gal/min. with ft. drawdown after 1 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 of) (water level		Co.	
Recovery data (time taken as zero when pump turned (5)) (water level measured from well top to water level) 1 0 (5) (water level Time Water Level Time Water Level	NAME Richardson Well Drilling (rint)
Time Water Level Time Water Level Time Water Level		Type or p	
Time Water Level Time Water Level Time Water Level	(Person, firm, or corporation) (1. A. B. K.	
Time Water Level Time Water Level Time Water Level		1. A. B. K.	
Time Water Level Time Water Level Time Water Level DEPARTMENT OF ECOLOGY SOUTHWEST REGIONAL OFFICE	(Person, firm, or corporation) (1. A. B. K.	
Time Water Level Time Water Level Time Water Level DEPAPTNEN OF ECOLOGY SOUTHWEST REGIONAL OFFICE Date of test	(Person, firm, or corporation) (Address P.O. Box 44427 Tacoma, Wa.	1. A. B. K.	
Time Water Level Time Water Level Time Water Level DEPARTMENT OF ECOLOGY SOUTHWEST REGIONAL OFFICE	(Person, firm, or corporation) (Address P.O. Box 44427 Tacoma, Wa.	1. A. B. K.	

(USE ADDITIONAL SHEETS IF NECESSARY)





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 F Source # SO /

USGS Site Identification Other

RECORD VERIFICATION

City FIFE

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 BOTH AVE CT.E

State 2014, 98424

LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT Well Address 5013 80THAVE CTE City_FIFE County_PIERCE T. 20 N. R. 04 E W.M. Sec. 20 NW 4 of the NE 1/4

Latitude 47 0 12 ' 41.2" Longitude 122 0 19 ' 15,0

GPS (raw data) GPS (corrected) □ Topographic Map □ Survey □ Computer Generated □ Other

Digital Altimeter □ Topographic Map □ Other

Elevation at land surface feet/meters (circle one)

Additional information, if available:	Additional	information,	if available:	
---------------------------------------	------------	--------------	---------------	--

□ Location marked on topographic map (please attach)

□ Location marked on air photo (please attach)

Water right #

Priority Date

Circle One:	Application	Permit	Certificate	Claim	Exempt	

WELL CHARACTERISTICS

Physical Description of Well (size of casing, type of well, housing, etc.): 8" Cased well en The pamp House Location of Well Identification Tag: on the 8" Casing Was supplemental tag needed for ease of identifying well? **M**NO □ YES If yes, where was tag placed?

Scale 1:24,000 (1"=2,000')

Indicate the location of the well within the Section by drawing a dot at that point.

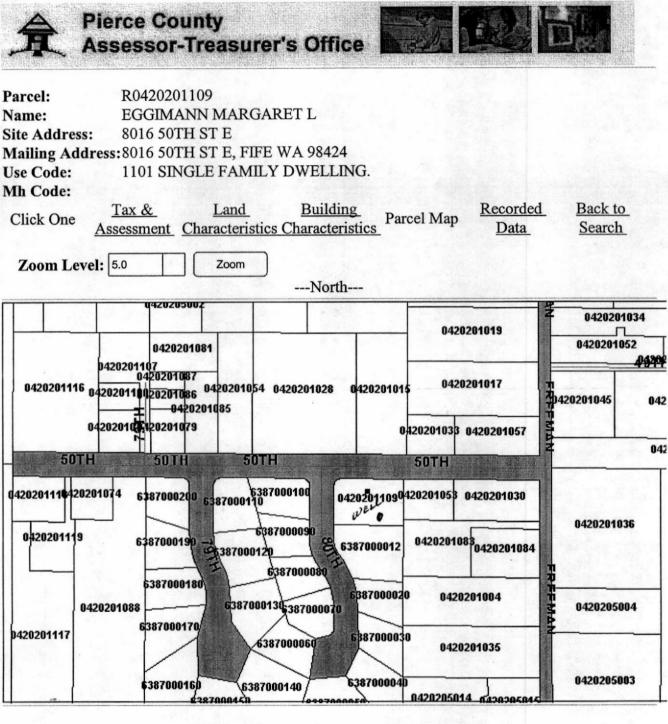
SECTI	ON	20	

TOWNSHIP 20 OYE

RANGE

D	X	<u>О</u> в. 1	A
E	F	G G	H
М	L L	K I	J
N	P	 	R

COMMENTS: _____



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 <u>RCW 42.17.260(9)</u> against releasing and/or using lists of individuals for commercial purposes.

File:		TELL REPORT Washington	Start Card No. W 054843 Unique Well ID 1
(2)	OWNER: Name LINDA BLODGET Address 2 LOCATION OF WELL: County PIERCE STREET ADDRESS OF WELL (or nearest address) 5110 FREEMAN	5502 NEADHAM RD E ORTING WA 983	Nater Right Permit No. 160 Page 1 of NW 1/4 NE 1/4 Sec 20 T 20 N R 4 1
(3)	PROPOSED USE: DOMESTIC	(10) WELL LOG or DECOMMISSI	ONING PROCEDURE DESCRIPTION
	Type of work: NEW WELL Method: ROTARY	Material	From To
•	DIMENSIONS: Diameter of well 6 inche Drilled 111 feet. Depth of completed well 111 f	 BLACK TOP SOIL BLACK SANDY LOAM BLACK SANDY LOAM, SOME 	0 6 6 24 GRAVEL 24 37
) 1 1	Welded X " Diam. from ft. to f	GREY SILTY SAND GREY SILTY SAND SOME GR t. GREY SILTY SANDS, WATER t.	AVEL 56 61
:	perforations from ft. to i perforations from ft. to i	n	
1 - 1			
• 		it.	
(7)	Method of sealing strata off PUMP: Manufacturer's Name Type H.P. 0		
	WATER LEVELS: Surface elev above mean sea level 5 Static level 12 ft. below top of well Date 05/26/9 Artesian pressure 1bs. per sq. in. Date Artesian pressure is controlled by	it	
	Yield 0 gal./min. with ft. drawdown after 1 Yield 0 gal./min. with ft. drawdown after 1 Recovery data:	this well, and its comple	TION: apt responsibility for construction iance with all Washington well cons ials used and the information repor t knowledge and belief.
Baile Airte	Date of test or test 0 gal/min with ft. drawdown after est 25 gal/min with stem set at 100 ft. for 1 hr	Address P.O. Box 44427 Tr hr (Signed)	acoma WA 98444 LLLic. No 2017 er)
	sian flow 0 gal/min Date erature of water Was chemical analysis made? NO		(2/93)**f-1329- by Speed Systems C

.....

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

File Original and First Copy v Department of Ecology Second Copy — Owner's Copy Third Copy — Dri.ler's Copy			LL REPORT	Application Permit No.		
(1) OWNER: Name	Michael Blad	a.H	. Address \$ 10.5 52 nd		2	•
	NELL A CA	from the start	Address D/UD O And	C Jugallug	N.s.	a
Bearing and distance from se			6 SO 15 MINE NY 1	C. V4 Sec. 2. C. T. J	2	./
(3) PROPOSED USE:	Domestic 🗊 Industrial	🗋 Municipal 🗌	(10) WELL LOG:			
	Irrigation 🗋 Test Well	Other 🗌	Formation: Describe by color, c show thickness of aquifers and stratum penetrated, with at lea			
(4) TYPE OF WORK	(II more man one)		MATERIA		FROM	TO
New w Deeper		Bored Driven	lader Pail		<u> </u>	16
-		ry 🗋 Jetted 🗍	Party Growl		11.	30
		,	Sand & Acartin		30	45-
(5) DIMENSIONS:	Diameter of well		Blick Landy Cla	<u></u>	15	150
Drilled 2.7.5 ft.	. Depth of completed well	97249.tt.	How Clay I		150	195
(6) CONSTRUCTION	DETAILS		Id by martin		19.5	2.20
· /	•		Amicha		220	23 5
	6 " Diam. from 0		8 tech Sand		235	2.5.5-
			Soudo Krouslan	ty Bearing	255	275
		It. 60 It.				~
Perforations: Yes (No 🖌					
	r used					·····
	ons in. by					
-	rations from ft. ft. ft. ft.					
-	rations from ft.					
	0			ENTER		Į
	me			LIVED		
	t size from					
	t size from			5 1976		
·				•		
Gravel packed: _{Ye}			DEPARTMEN	OF ECOLOGY		
Gravel placed from	n ft. to		SOUTHWEST R			
Surface seal: Yes	No [] To what depth	7 19 n.		U. TUE		
Material used in s						
Did any strata co	ontain unusable water?	Yes 🗋 🔹 No 😰				
	Depth of stra					
Method of sealing	strata off					
(7) PUMP: Manufacture	r's Name					
(8) WATER LEVELS:	Land-surface elevation					
· ·	above mean sea level					
Static level	ft. below top of well Da				•	
Artesian water is	(A) 1 P	((e.,,,,	· · · · · · · · · · · · · · · · · · ·	······		
		alve, etc.)				
(9) WELL TESTS:	Drawdown is amount wa	ter level is				<u> </u>
Was a pump test made? Yes	lowered below static leve No [] If yes, by whom?	Backhe V	Work started 11-13 , 1	9.14. Completed 11 -	23	, 19. <u>7.6</u>
Yield: / Ø gal./min. wit		ter hrs.	WELL DRILLER'S STA	TEMENT:		
r1 23	**		This well was drilled un		and this	ranovi l-
1) <i>p</i>	·····	**	true to the best of my know	wledge and belief.	1115	report IS
Recovery data (time taken a	s zero when pump turned	off) (water level	-			
measured from well top t Time Water Level Tin	i (Water I and	NAME Picnee + 1/24 (Person, firm,	h Prichling		
Line muler Leves 11	me Water Level Time	Water Level	(Person, firm,	or corporation)	ype or p	rint)
			Address 5720 144 At A	IN AC. H.	1-2-	(um
					м. ц л.ц.у	·). <u>***</u>
Date of test			200 - 005	A second		
Bailer testgal./min.		afterhrs.	isigned y. J. A. Marcy. C.	(Well Driller)		
Artesian flow			* * 1 / 7		,	~ -
Temperature of water	Was a chemical analysis ma	de?Yes 🗍 No 🗍	License No.C.2.6	Date//- 2	6	., 19/.6

the Original and First Copy with Department of Ecology Second Copy — Owner's Copy aird Copy — Driller's Copy

. 1

WATER WELL REPORT

STATE OF WASHINGTON

: }

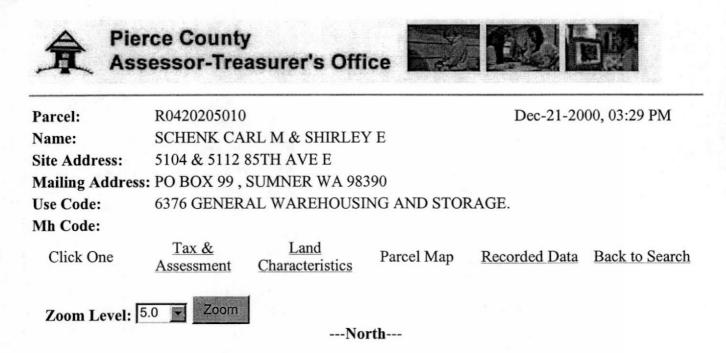
Application No put an Permit No.

Section 10

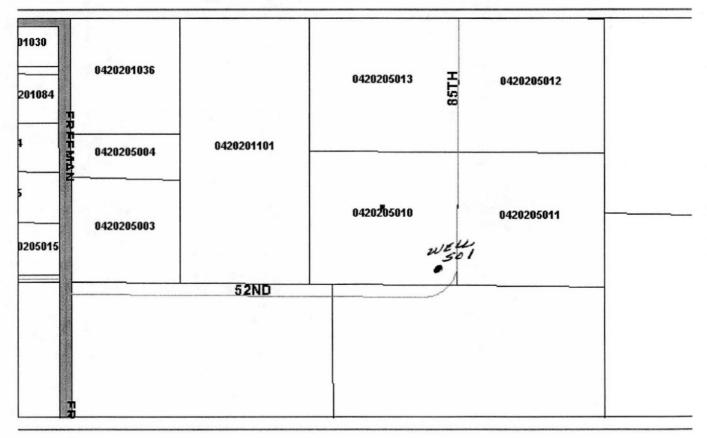
	OWNER: Name Carl Schenk LOCATION OF WELL: County Pierce	- 14 . МЕ 14 Sec. 20 т. 2		1.8
	ng and distance from section or subdivision corner lot 4 Sub			
-	PROPOSED USE: Domestic 🖉 Industrial 🗆 Municipal 🗆	(10) WELL LOG:	1.121	治 治
	i Irrigation 🗌 Test Well 🗍 Other	Formation: Describe by color, character, size of material show thickness of aquifers and the kind and nature of t stratum penetrated, with at least one entry for each ch	and stru he materi	cture, and al in each
4)	TYPE OF WORK: Owner's number of well (if more than one)	MATERIAL	FROM	TO
	New well Method: Dug 🔲 Bored 🗆	surface soil	0 %	21
	Deepened Cable Driven Reconditioned Retary December 2011	brown loam	31	751
	Reconditioned 🗌 Rotary 🕱 Jetted 🗌	silty gray black sand	151	221
5)	DIMENSIONS: Diameter of well 8 inches. Drilled 252 ft. Depth of completed well 252 ft.	black sands & gravels layers wood	221	711
	Drilled 252 ft. Depth of completed well 252 ft.	heaving gray sands layers of gray		
-	CONCERNICATION DETAILS.	& brown clay some layers wood	71'	153
	CONSTRUCTION DETAILS:	gray heaving sands	153'	171
	Casing installed: <u>8</u> Diam. from <u>0</u> ft. to <u>252</u> . ft.	heaving gray sands layers of gray		19 . 3.
	Threaded []	prown clay layers wood	171	212
	Welded 24	sticky gray clay	2121	
	Perforations: Yes D No 💆		- 612.	217'
	Perforations: Yes □ No ■ Type of perforator used	fine silty gray heaving sands	0.70	011.
	SIZE of perforations in. by in.	& wood	217.	214'
	perforations from	course sands & gravels	5/1/1	2521
	perforations from ft. to ft.			
	perforations from ft. to ft.			1.6. 3.
	Samooner			Contraction of the
	Screens: Yes No D Manufacturer's Name			1.27
	Type		4 . · · · · · ·	54 S.
	Diam. 3. Slot size		1.13	11.08
	Diam		1999	1. 1. A
			1	dist.
	Gravel packed: Yes Nor Size of gravel:		de sette	1.1
	Gravel placed from ft. to ft.			
	Surface seal: Yes No D To what depth?			N. 18
	Material used in seal bentonite	- 「「「「「「「」」「「「「」」「「「」」「「「」」「「」」「「」」「「」」「	11月1日 小雪	144 小学
	Did any strata contain unusable water? Yes 🔲 NoX	1 V. April	and a	1944 - Maria
	Type of water? Depth of strata	1. 一方方面的 法的理论 医		12. 14. 15
	Method of sealing strata off	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		因的植
7)	DUMP:		(1,2,2)	A. Gold
•)	PUMP: Manufacturer's Name		San Barry	
	Type:			法国家发
8)	WATER LEVELS: Land-surface elevation above mean sea level ft.			in white
· ·	c level plus 5 ft. below top of well Date 11-25-86	1. 1.1	1.1.1.1.1	<u>派</u>] 我说道
	ian pressure			# 44
	Artesian water is controlled by			1443
	(Cap, valve, etc.)			
9)	WELL TESTS: Drawdown is amount water level is lowered below static level	1 77		
	a pump test made? Yes No I If yes, by whom? S-K Pumps.	Work started 19	<u>15</u>	19.85
ield	205 gal./min. with 44.5ft. drawdown after 4 hrs.	WELL DRILLER'S STATEMENT:	24614	
	и , н и	This well was drilled under my jurisdiction :	and this	report is
	n n , n	true to the best of my knowledge and Selief.	and this	240
000	very data (time taken as zero when pump turned off) (water level	7 .		
n	neasured from well top to water level)	NAME Stoican Drilling Inc.	, ⁶ ,	1. <u>19</u> 5 -
TH	ne Water Level Time Water Level Time Water Level lecovery 1 min. 40 sec. to plus 2!		Type or p	rint)
		Address 32519 Mt Hwy Eatonville Wa S	8328	and a
		Autress // /		· · · · ·
	1	KA OD	1.11	4 1 27 3
I	Date of test	[Signed] (Well Driller)	our	
		IO65	-	1934
		License No Date 5	/	, 19.84
	sian flow		7	

A States

- Silling in the



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

http://www.co.pierce.wa.us/CFApps/atr/TIMSNet/taxpayerinfo.cfm

44962

Unique Well ID Number $\frac{A}{X} \stackrel{C}{\underline{V}} \stackrel{J}{\underline{5}} \stackrel{4}{\underline{4}} \stackrel{9}{\underline{7}}$

Digital Altimeter Topographic Map

□ Other



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 Identification Other

RECORD VERIFICATION

Well Report available (please attach) □ Well Report not available □ Verification inconclusive

WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT

Name SCHENK WATER SYSTEM

Street Address P.O. Box 99

City SUMNER State 204, 98390

LOCATION OF WELL, IF DIFFERENT FROM WELL REPORT

 Well Address 5112
 85TH AVEE

 City______
 County_PIENCE

 T._____ON. R. 04 E W.M. Sec. 20
 SE 1/4 of the NE

 1/4 Latitude N 47 0 12 ' 36.74 " GPS (raw data) GPS (corrected) Longitude 20122 0 _____ ' 56.13 _" □ Topographic Map □ Survey 241 □ Computer Generated □ Other

Elevation at land surface feet/meters (circle one)

Additional information, if	available:
----------------------------	------------

111

□ Location marked on topographic map (please attach)

□ Location marked on air photo (please attach)

Water right #

Circle One: Application Permit Certificate Claim Exempt

WELL CHARACTERISTICS

Physical Description of Well (size of casing, type of well, housing, etc.): 8 "Casing in large well house Location of Well Identification Tag: on 8' Casing Was supplemental tag needed for ease of identifying well? EINO □ YES

Priority Date

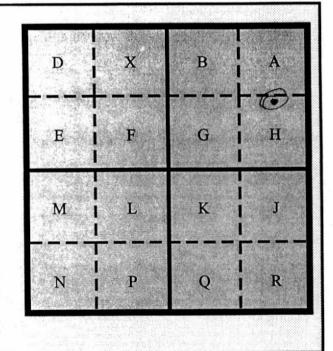
If yes, where was tag placed? Scale 1:24,000 (1"=2,000')

Indicate the location of the well within the Section by drawing a dot at that point.

SECTION 20

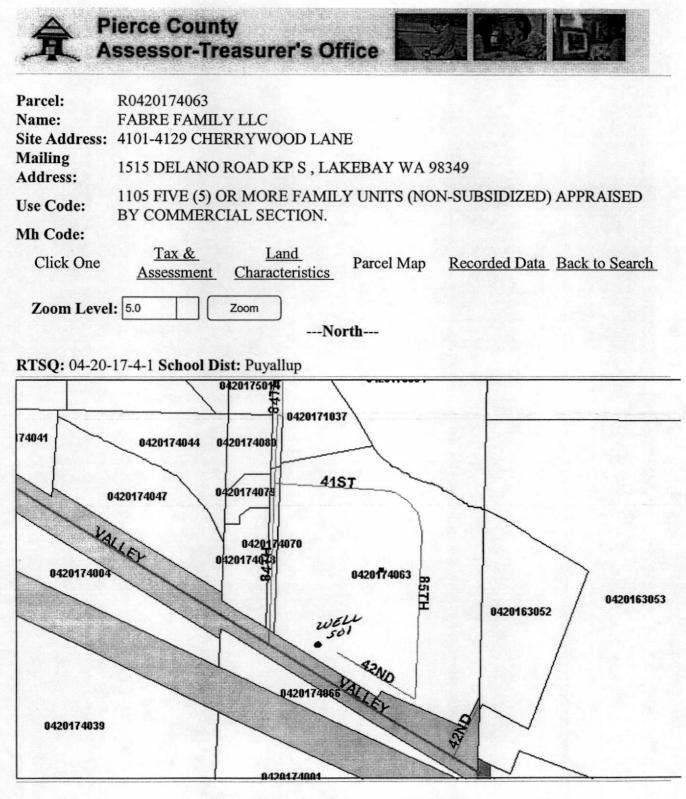
TOWNSHIP_____2O

RANGE 04E



COMMENTS:

1) OWNER: Name Loug Fabre	Address Rt. 1, Eox 469-G, Lakebay, Wa	98349
2) LOCATION OF WELL: County Fierce	- NE 1 SG 1 Sec 17 T20 N. RL	LEWM
earing and distance from section or subdivision corner 700	S. E800 W. From the EYY Con. St	-
	(10) WELL LOG:	-
PROPOSED USE: Domestic @ Industrial @ Municipal @	Formation: Describe by color, character, size of material and strue	chura an
Go Go Irrigation Test Well Other	show thickness of aquifers and the kind and nature of the materi stratum penetrated, with at least one entry for each change of j	al in eaci
1) TYPE OF WORK: Owner's number of well	MATERIAL	TO
New well 🔲 Method: Dug 🗌 Bored 🗌	The first 230' were driven	1
ACOULT AND A Deepened Control Cable C Driven C	into ground and no formation	
ENVIRONMENTAL HEReconditioned Rotary Jetted	changes obtainable. The drive	
5) DIMENSIONS: Diameter of well inches.	stopped in clay	
Drilled 255 ft. Depth of completed well 255 ft.	Clay, Grey unknown	238
b) CONSTRUCTION DETAILS:	SandsGravel, water bearing 238'	255
	the state of the second print and	
Casing installed: biam. from ft. to 247 ft.	1	
Threaded		
	**NOTE: Pipe was left 3 Ft. abov	the second second second second second second second second second second second second second second second s
Perforations: Yes D No D	existing grade, and water levels	are
Type of perforator used in. by in.	logged from the top of pipe	
perforations from ft. to ft.	The formations and depths are log	ged
perforations from ft. to ft.	from grade	
perforations from ft. to ft.		
Screens: Yes No D	1	
1000300		
Type 51217175 31281 Model No Diam. 6 Slot size : 050" from 245 ft. to 255 ft.	RECEIVED	
DiamSlot sizefromft. toft.		
	FEB 1 9 1976	
Gravel packed: Yes No K Size of gravel:		
Gravel placed from ft. to ft.	- DEPARTMENT OF ECOLOGY	
Surface seal: yes D No On tonite depth? ft.	SOUTHWEST REGUMAL OFFICE	
Material used in sea		
Did any strata contain unusable water? Yes No Type of water?		
Method of sealing strata off		
7) PUMP: Manufacturer's Name None installed		
1996.	1 - 1 / · · · · · · · · · · · · · · · · · ·	
8) WATER LEVELS: Land-surface elevation in Known above mean sea level		
tatic levelft. below top of well Date 11AUE75		
rtesian pressurelbs. per square inch Date Artesian water is controlled by		2
(Cap. valve, etc.)		ĩ
9) WELL TESTS: Drawdown is amount water level is jowered below static level	Work started? AUS 19 75 completed 11 AUS	. 19 7
/as a pump test made? Yes No If yes, by whom?		
ield: 1 gal/min. with - ft. drawdown after fr.	WELL DRILLER'S STATEMENT:	
ax rate 11530	This well was drilled under my jurisdiction and this true to the best of my knowledge and belief.	report
<u> </u>	Frue to the best of my knowledge and bench.	
ecovery data (time taken as zero when pump turned off) (water level measured from well top to water level)	NAME RAVILO VILL DRILLING	
Time Water-Level Time Water Level Time Water Level	(Person, firm, or corporation) (Type or p	
	Address 2408 arine View Drive, Taco	oma 9
- <u>11</u> 1 - <u>1710</u>	Address	
Date of test	(Simal) Transferre IV No Kame	10
Bailer test	[Signed] (Well Driller)	
rtesian flowg.p.m. Date	License No - 04-0. Date 210 Aug -	, 19
emperature of water Was a chemical analysis made? Yes No	Litense no	-
ok/.:m.d.		



Pierce County Assessor-Treasurer

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



46358

UNIQUE WELL I.D. NUMBER A C N 7 9 6

WELL TAGGING FORM

Date of Field Visit 5-7-97 By Blum DELL

ADDITIONAL WELL IDENTIFIERS

Department of Health System ID Number 451646 Source Number SU_/

USGS Site Identification

RECORD VERIFICATION

Well Report available (please attach)

□ Well Report not available

□ Verification inconclusive

WELL OWNERSHIP, IF DIFFERENT FROM WELL REPORT

Name CHENRYWOOD VILLAGE	
Street address 1515 DELAND RD KP.	25
City LAKE BAY State 20A,	98349
LOCATION OF WELL, IF DIFFERENT FROM W	ELL REPORT
Well Address 4117 C 84TH AVE E	
City Purally County Pie	ERCE
T. 20 N. R. 04 E W.M. Sec. 17	NE % of the SE %
승규는 이 것 같아요. 이 것 같아요. 그는 것 같아요. 그는 것 같아요. 같은 것 같아요. 한 것 같아요. 그는 것 같아요. 가지 않아요. 가지 않아요. 가지 않는 것 같아요. 가지 않아요. 가지 않	GPS (raw data) GPS (corrected) Topographic Map
Longitude 20122 ° 18 55.68 _ "	 Survey Computer generated
091	Other
Elevation at land surface feet/meters (circle one)	 Digital Altimeter Topographic Map

Other

-			if availal	ble:	A 🖄 🕫
				aphic map (please attach) to (please attach)	
Water R	Light # _			Priority Date	ə (j () (
		oplication	Pern	it Certificate Claim	Exempt
2	larg	e Wo	ader	of casing, type of well, housing, well house on 6" Casin	D
yes, wi	bere was	al Tag ne s tag plac D (1"=2,	ed?	ease of identifying well?	
D	с	в			
E	F	G	н	Indicate the location of the	he well within the Section
м	L	ĸ	٦	by drawing a dot at that	point.
N	Р	Q	R		
SEC	TTION _	17			

•

Please attach this form to the Well Report and submit it to the Department of Ecology Water Resources Program Headquarters. Well Identification Program, P.O. Box 47600, Olympia, WA 98504-7600

APPENDIX C

WELL WATER QUALITY DATA



Help

View Sample De	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				Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0008	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

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DOH Home | Community and Environment| Drinking Water Home | Drinking Water Contacts Access Local Health | Privacy Notice | Disclaimer/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

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

Mail: PO BOX 47822 Olympia, WA 98504-7822



Help

View Sample De	tail - 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	2			Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0008	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

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Help

View Sample Det	tail - 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
0008	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

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Help

View Sample Det	tail - 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				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

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Help

View Sample De	tail - 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				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

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

View Sample Det	tail - 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

					description	
Analyte DOH				Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	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

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Help

View Sample Detail	/iew 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	Р	/100ml	
0003	E. COLI	EQ	А	/100ml	

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Help

View Sample Detail	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	Р	/100ml	
0003	E. COLI	EQ	А	/100ml	

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Help

View Sample De	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	•			Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.1100	0.0500	0.0100	mg/L
0008	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	си
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

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Help

View Sample Detail	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	Р	/100ml	
0003	E. COLI	EQ	А	/100ml	

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Help

View Sample Det	/iew 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					

					Result Range, A/P, Unit description	s: Mouse over for full
Analyte Maximum DOH Contaminant						
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

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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		

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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	Result Quantity	Level	State Reporting Limit	Units
0008	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

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

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					

					description	
Analyte DOH		Darrik Darras	Devela Oversite	Maximum Contaminant	Chata Davastina Liveit	11-14-
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units
0010	MANGANESE	EQ	0.0850	0.0500	0.0100	mg/L
0008	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

 $\mathbb{H} \quad \P \quad \mathbb{H} \quad \mathbb{H}$

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Help

View Sample De SYSTEM	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				Maximum		
DOH Num	Analyte Name	Result Range	Result Quantity	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

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Help

View Sample Detail	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	Ρ	/100ml	
0003	E. COLI	EQ	А	/100ml	

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Help

View Sample Det SYSTEM	/iew 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	Analyte DOH						
Num	Analyte Name	Result Range	Result Quantity	Level	State Reporting Limit	Units	
0010	MANGANESE	EQ	0.0790	0.0500	0.0100	mg/L	
0008	IRON	EQ	0.3000	0.3000	0.1000	mg/L	

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Help

View Sample De SYSTEM	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 DOH				Maximum Contaminant		
Num	Analyte Name	Result Range	Result Quantity	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

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Help

View Sample Detail MANOR	- WSID 12630P - CHERRYWOOD MOBILE HOME
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 Num	Analyte Name	Result Range	Result Quantity	Maximum 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
0008	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

/iew 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** Contaminant Level 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

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

View Sample Detail · MANOR	WSID 12630P - CHERRYWOOD MOBILE HOME
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

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
0008	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
0015	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
0018	COLOR	LT	5.0000	15.0000	5.0000	CU
0019	FLUORIDE	LT	0.2000	4.0000	0.2000	mg/L



Help

View Sample Detail - WSID 12630P - CHERRYWOOD MOBILE HOME 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			
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 0.0800 0.0500 0.0100 mg/L 0008 IRON EQ 0.0500 0.3000 0.1000 mg/L

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View Sample Detail MANOR	/iew 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** Contaminant Level 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

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View Sample Detail MANOR	/iew 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** Contaminant Level 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

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Help

View Sample Detail MANOR	/iew 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** Contaminant Level 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

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

View Sample Detail - MANOR	WSID 12630P - CHERRYWOOD MOBILE HOME
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

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 EO 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 EQ CHLORIDE 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 LT 0007 CHROMIUM 0.0100 0.1000 0.0100 mg/L 0008 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 LT 0012 SELENIUM 0.0050 0.0500 0.0050 mg/L 0013 LT SILVER 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	Р	/100ml	
0003	E. COLI	EQ	А	/100ml	

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View Sample Detail - HOME MANOR	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	Р	/100ml	
0003	E. COLI	EQ	Α	/100ml	

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View Sample Detail - HOME MANOR	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	Р	/100ml	
0003	E. COLI	EQ	Α	/100ml	

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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	Р	/100ml	
0003	E. COLI	EQ	А	/100ml	

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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	А	/100ml	

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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	А	/100ml	

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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	А	/100ml	

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View Sample Detail - MANOR	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		

Analyte DOH Maximum Contaminant Level State Reporting Limit Num Analyte Name **Result Range Result Quantity** 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 EO 87.0000 10.0000 mg/L 0016 CONDUCTIVITY EQ 244.9000 700.0000 70.0000 Umhos/cm 0017 TURBIDITY EQ 0.1000 NTU 1.4300 EQ CU 0018 COLOR 10.0000 15.0000 15.0000 0021 CHLORIDE EO 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 LT 0007 CHROMIUM 0.0070 0.1000 0.0070 mg/L 0008 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 LT 0012 SELENIUM 0.0020 0.0500 0.0020 mg/L 0013 LT SILVER 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	ph	
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	Р	<mark>/100ml</mark>	
0003	E. COLI	EQ	Α	/100ml	

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Help

View Sample De SYSTEM	tail - WSID 001215 - HAYES WATER
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	си
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

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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	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	Р	/100ml	
0003	E. COLI	EQ	A	/100ml	

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Help

View Sample Detail - WSID 001215 - HAYES WATER SYSTEM				
Collect Date	9/24/1996			
Lab Number	107			
Lab Name	TestAmerica - Seattle (Tacoma)			
Sample Number	06882			
Source	Dist			
Analyte Group	MICRO-MICROBIOLOGICAL			
Test Panel	COLI_AP-ABSENCE / PRESENCE			
Sample Location	BT			
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	Р	/100ml	
0003	E. COLI	EQ	A	/100ml	

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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	Р	/100ml	
0003	E. COLI	EQ	A	/100ml	

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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	Р	/100ml	
0003	E. COLI	EQ	A	/100ml	

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