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720 Third Avenue, Suite 1500
Seattle WA 98104-1878

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JAN 09 2024

Washington State Department of Ecology
Toxics Cleanup Program

December 19, 2023
File: 203722941.R22

Water Resources Program
Washington State Department of Ecology
P.O. Box 47600
Olympia, Washington 98504

Reference: Well Decommissioning Report

ExxonMobil ADC
2717/2730 Federal Avenue
Everett, Washington
Ecology Facility Site ID 2728

Water Resources Program,

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Oil Corporation (ExxonMobil) and American Distributing Company (ADC), Stantec has prepared this report presenting results of well decommissioning at the subject site (Plate 1). Twenty-eight (28) monitoring wells were decommissioned in accordance with Washington Administrative Code (WAC) 173-160-460¹ and at the request of ExxonMobil. The monitoring wells were decommissioned due to their location within and adjacent to the proposed footprint of the remedial excavation on the ExxonMobil ADC property.

PREFIELD ACTIVITIES

Prior to conducting field activities, Stantec notified Underground Service Alert (USA) to mark out public subsurface utilities and Cascade Drilling, LP, a state licensed driller located in Woodinville, Washington, a state-licensed driller, submitted Notices of Intent to Decommission a Well to the Washington State Department of Ecology (Ecology). The Property owner and USA were notified at least 48 hours prior to the onset of field activities.

WELL DECOMMISSIONING ACTIVITIES

On August 14, 2023, Stantec observed Advanced Underground Utility Locating (AUUL) of Bellevue, Washington, perform a subsurface utility locate using a combination of ground penetrating radar and electromagnetic survey.

¹ Washington State Department of Ecology. December 19, 2008. WAC 173-160-460 What is the decommissioning process for resource protection wells?. Accessed December 14, 2023. <https://app.leg.wa.gov/wac/default.aspx?cite=173-160-460>.

On August 14, Stantec observed Cascade clear wells W-6 and W-17 to 6 feet below ground surface (bgs) using air knife clearance drilling equipment and hand tools. Wells located on the ExxonMobil ADC property were not cleared prior to chipping in place or overdrilling. The boring log for well W-6 (Appendix A) documented a total well length of 23 feet bgs. However during clearance activities, the bottom of the polyvinyl chloride (PVC) screen interval and cap were encountered at 6 feet bgs.

On August 14 through August 16, 2023, Stantec observed Cascade, decommission 24 resource protection wells (groundwater monitoring wells). The groundwater monitoring wells were decommissioned by either chipping in place or overdrilling.

- If the Ecology Resource Protection Well Report could be located, the well vault was left in place, the well casing was backfilled with hydrated bentonite chips to approximately 2 feet bgs, and finished with concrete to grade. Monitoring wells IW-1, IW-2, and OBS-1 through OBS-3, were decommissioned by chipping in place.
- In the absence of the Ecology Resource Protection Well Report, the well vault was removed, the well casing was backfilled with hydrated bentonite chips to approximately 2 feet bgs, and finished with concrete to grade. Wells LPH-1 through LPH-9, MW-10, MW-11, MW-40R, RW-2, W-1, W-6 (cleared with air knife and vacuum truck only), W-10R, W-15R, and W-17 were decommissioning by overdrilling.

The Resource Protection Well Reports for monitoring wells MW-19, MW-A1, MW-A2, W-2, and W-3 could not be located and were anticipated to be decommissioned by overdrilling. Due to the presence of overhead and underground utilities, the locations were determined to be unsafe to proceed with overdrilling. Cascade obtained a variance from Ecology to decommission by chipping in place (Appendix B). Wells MW-19, MW-A1, MW-A2, W-2, and W-3 were chipped in place on August 16, 2023.

The wells construction logs (Resource Protection Well Logs for installation and boring logs) are enclosed as Appendix A. No Resource Protection Well Logs or boring logs could be located for wells LPH-1 through LPH-9. The approved variance is enclosed as Appendix B. The Resource Protection Well Reports for decommissioning are enclosed as Appendix C.

WASTE DOCUMENTATION

Asphalt and the removed well vaults were disposed of as contractor generated construction waste by Cascade.

The soil and decontamination water generated during drilling activities were stored on the Property in Department of Transportation (DOT)-approved 55-gallon drums pending profiling. On September 18, 2023, soil and decontamination water was transported by Advanced Chemical Transport, Inc., to US Ecology, Inc.'s Grandview, Idaho, facility (an ExxonMobil-Approved Waste Sites List disposal facility) for final treatment or disposal. Waste Documentation is attached as Appendix D.

LIMITATIONS

This document entitled Well Decommissioning Report was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of ExxonMobil and ADC (the "Clients"). Any reliance on this document by any



WELL DECOMMISSIONING REPORT

ExxonMobil ADC

December 19, 2023

third party is strictly prohibited. The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the contract between Stantec and the Clients. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others. Any use which a third party makes of this document is the responsibility of such third party. Such third party agrees that Stantec shall not be responsible for costs or damages of any kind, if any, suffered by it or any other third party as a result of decisions made or actions taken based on this document.

Please contact Mr. Bobby Thompson, Stantec Project Manager for this Site, at (206) 510-5855, or Mr. Jeff Johnson, ExxonMobil Project Manager for this Site, at (815) 860-7290 with questions.

Regards,

Stantec



Laina Cole
Senior Project Coordinator
Phone: (253) 247-1466
laina.cole@stantec.com



Bobby Thompson
Project Manager
Phone: (206) 510-5855
robert.thompson@stantec.com

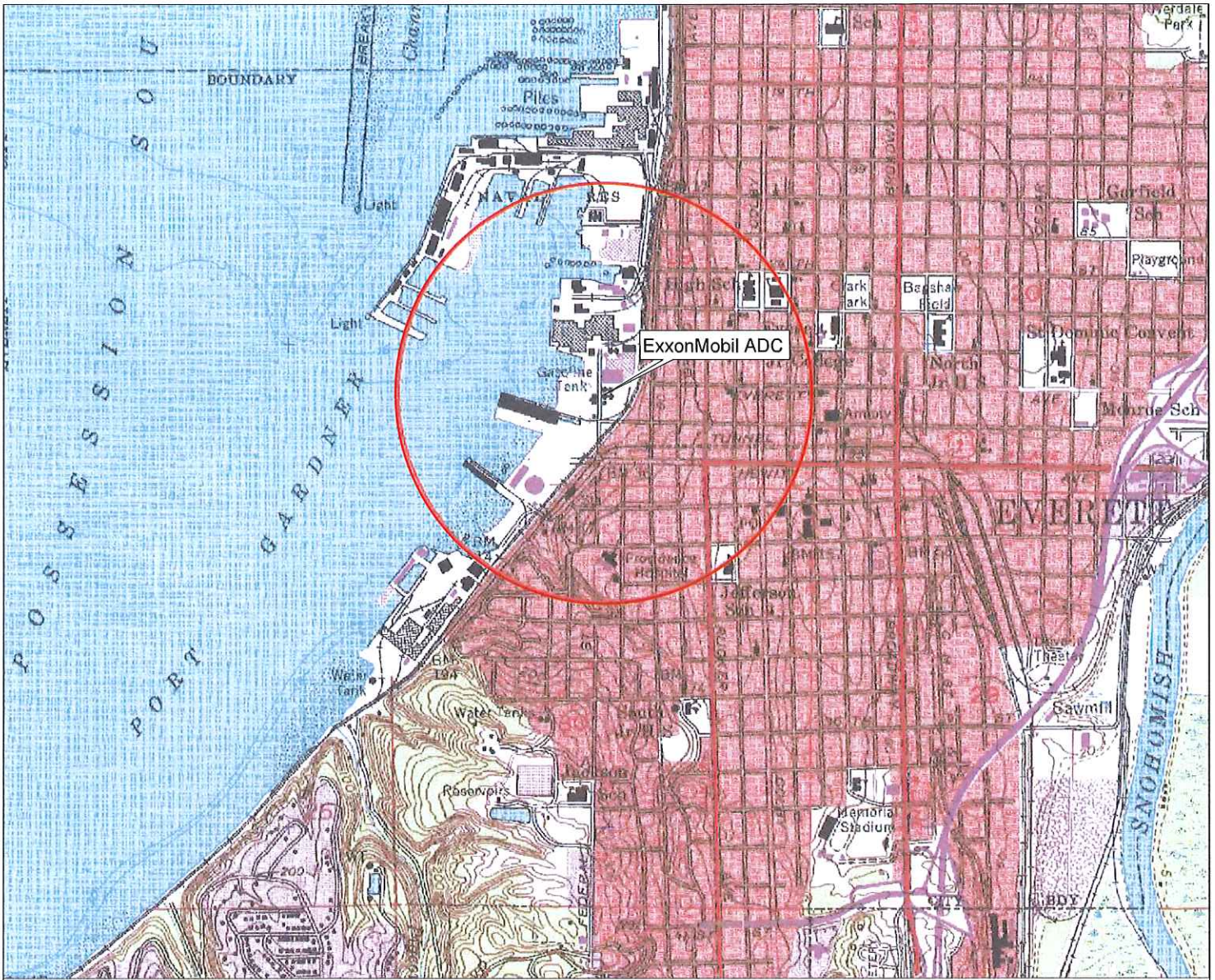
Attachments:

Plate 1	Site Location Map
Plate 2	Generalized Site Plan
Appendix A	Well Construction Logs
Appendix B	Well Decommissioning Variance
Appendix C	Resource Protection Well Reports
Appendix D	Waste Documentation

c. w/ attachments

Mr. Erik Gerking, Port of Everett (*Email*)
Mr. Steve Miller, American Distribution Company (*Email*)
Mr. Jason Cook, Washington State Department of Ecology (*Email*)
Mr. Jeff Johnson, ExxonMobil Environmental and Property Solutions Company (*Project folder*)





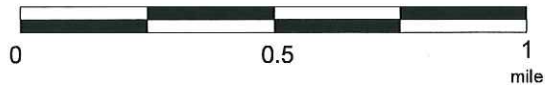
FN 2037229410001

EXPLANATION

 1/2-mile radius circle



APPROXIMATE SCALE



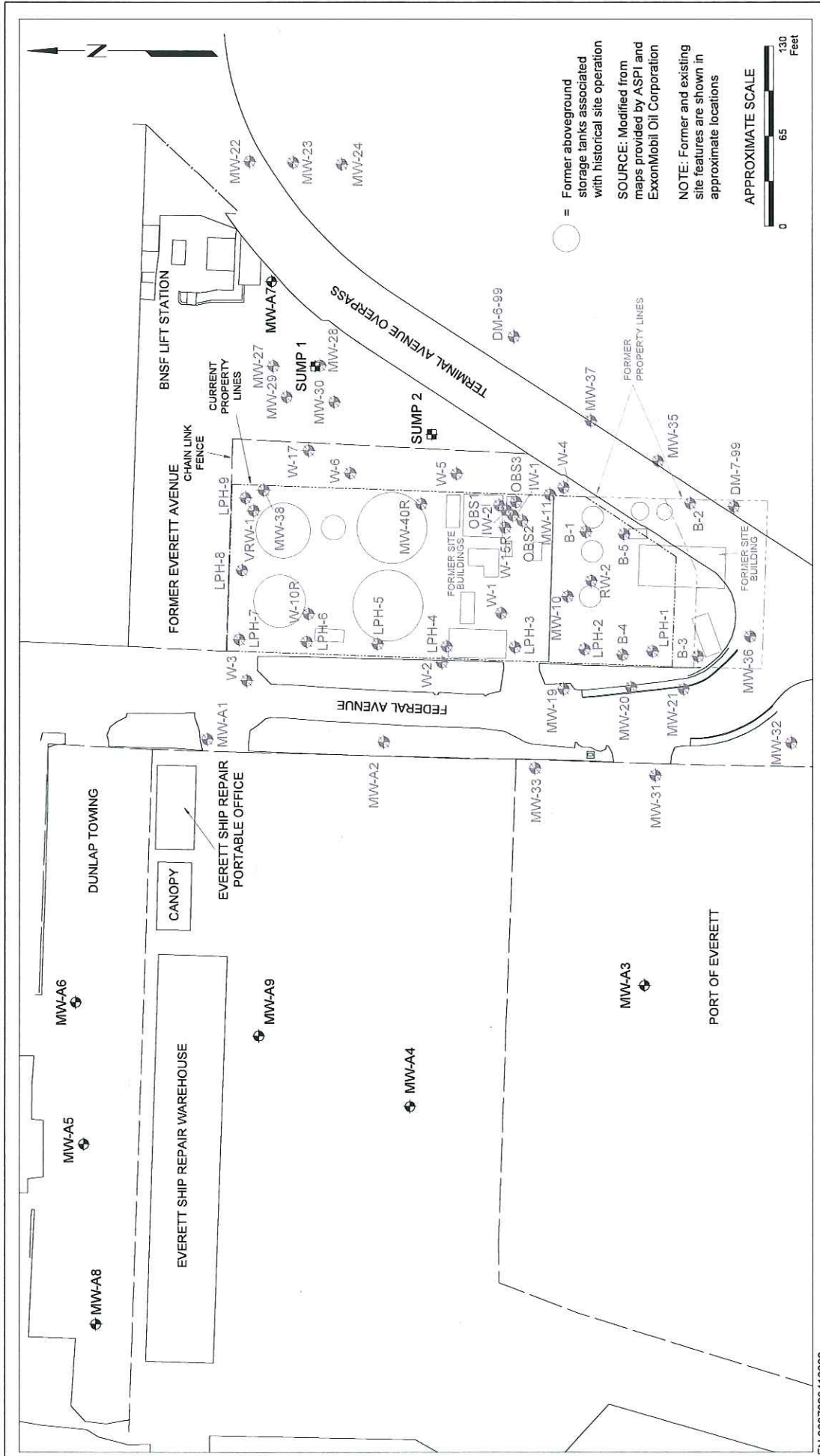
SITE LOCATION MAP

EXXONMOBIL ADC
2717/2731 Federal Avenue
Everett, Washington

PROJECT NO.
203722941

PLATE
1

KRP: 12/08/23



	<h1>GENERALIZED SITE PLAN</h1> <p>EXXOMOBIL ADC 27172731 Federal Avenue Everett, Washington</p>		EXPLANATION MW-A9 Groundwater Monitoring Well OBS3 Observation Well SUMP 2 Groundwater Sump MW-38 Destroyed Groundwater Monitoring Well	PROJECT NO. 203722941
	PLATE 2			KRP-12/09/23

FN 2037229410002

APPENDIX A

Well Construction Logs



Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission \Rightarrow Original NOI No. _____

Ecology Well ID Tag No. BNF 324

Site Well Name IW-1

Consulting Firm _____

Was a variance approved for this well/boring? Yes No
If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
Name (Print Last, First Name) Perva, Chris
Driller/Engineer/Trainee Signature [Signature]
License No. 3264
Company Name Holocene Drilling Inc.

If trainee box is checked, sponsor's license number: _____
Sponsor's signature _____

Notice of Intent No. RE19980

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 \hookrightarrow Soil- Vapor- Water-sampling

Property Owner Mobil Oil Corporation

Well Street Address 2731 Federal Ave

City Everett County Snohomish

Tax Parcel No. _____

Location (see instructions): WWM or EWM

SE $\frac{1}{4}$ - $\frac{1}{4}$ SW $\frac{1}{4}$, Section 19 Town 29 Range 5E

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter 3.5 inches Casing diameter 2 inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

\hookrightarrow Stick-up of top of well casing _____ ft above ground surface

Start Date 9-22-2020 Completed Date 9-22-2020

The Department of Ecology does NOT warrant the Data and/or information on this well report.

Construction Design

Well Data

Driller's Log

<p>Vault 0 FT</p> <p>to</p> <p>1 FT</p> <p>Seal 1 FT</p> <p>to</p> <p>2 FT</p> <p>Filter Pack 2 FT</p> <p>to</p> <p>8 FT</p>	<p>Casing Diameter <u>2"</u></p> <p>Casing Material <u>PVC</u></p> <p><input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Glued</p> <p>Well Seal Material: <u>Bentonite chips</u></p> <p>Borehole Diameter: <u>3.5</u> From <u>0</u> to <u>8</u></p> <p>From _____ to _____</p> <p>Screen:</p> <p>Material <u>2" PVC</u></p> <p>From <u>3</u> to <u>8</u></p> <p>Slot Size <u>10</u></p> <p>Filter Pack:</p> <p>Material <u>Colorado Sand</u></p> <p>Size <u>12/70</u></p>	<p><u>sandy gravel</u></p> <p>0 FT - 8 FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>Received Department of Ecology</p> <p><u>OCT 9 2020</u> FT</p> <p>Water _____ Program _____</p>
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Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
- Decommission ⇨ Original NOI No. _____

Ecology Well ID Tag No. BNF325

Site Well Name IW-2

Consulting Firm _____

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Perva, Chris

Driller/Engineer/Trainee Signature [Signature]

License No. 3264

Company Name Holocene Drilling Inc.

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. RE19980

Type of Well:

- Resource Protection Well Injection Point
- Remediation Well Grounding Well
- Geotechnical Soil Boring Ground Source Heat Pump
- Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Mobil Oil Corporation

Well Street Address 2731 Federal Ave.

City Everett County Snohomish

Tax Parcel No. _____

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29 Range 5E

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter 3.5 inches Casing diameter 2 inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

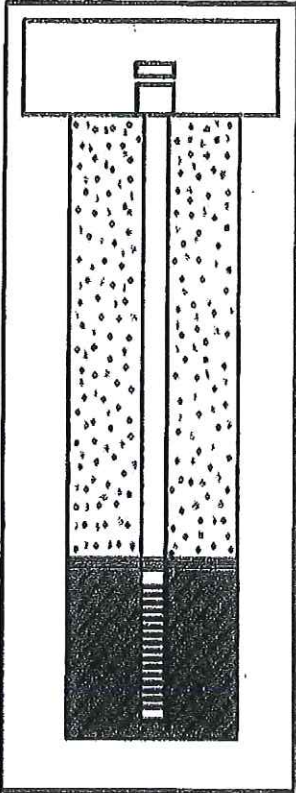
↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 9-22-2020 Completed Date 9-22-2020

Construction Design

Well Data

Driller's Log

<p>Vault <u>0</u> FT</p> <p>to</p> <p><u>1</u> FT</p> <p>Seal <u>1</u> FT</p> <p>to</p> <p><u>2</u> FT</p> <p>Filter Pack <u>2</u> FT</p> <p>to</p> <p><u>8</u> FT</p> 	<p>Casing Diameter <u>2"</u></p> <p>Casing Material <u>PVC</u></p> <p><input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Glued</p> <p>Well Seal Material: <u>Bentonite chips</u></p> <p>Borehole Diameter: <u>3.5</u> From <u>0</u> to <u>8</u></p> <p>From _____ to _____</p> <p>Screen: Material <u>2" PVC</u></p> <p>From <u>3</u> to <u>8</u></p> <p>Slot Size <u>10</u></p> <p>Filter Pack: Material <u>Colorado Sand</u></p> <p>Size <u>12/70</u></p>	<p><u>sandy gravel</u></p> <p><u>0</u> FT - <u>8</u> FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>Received Department of Ecology <u>OCT 09 2020</u> FT - _____ FT Water Resources Program NWRO</p>
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The Department of Ecology does NOT warrant the Data and/or information on this well report.

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇔ Original NOI No. _____

Ecology Well ID Tag No. BNF326

Site Well Name OB-S1

Consulting Firm _____

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

WELL CONSTRUCTION CERTIFICATION: (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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Perva, Chris

Driller/Engineer/Trainee Signature [Signature]

License No. 3264

Company Name Holocene Drilling Inc.

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. RE19980

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

Soil- Vapor- Water-sampling

Property Owner Mobil Oil Corporation

Well Street Address 2731 Federal Ave

City Everett County Snohomish

Tax Parcel No. _____

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29 Range 5E

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter 3.5 inches Casing diameter 2 inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

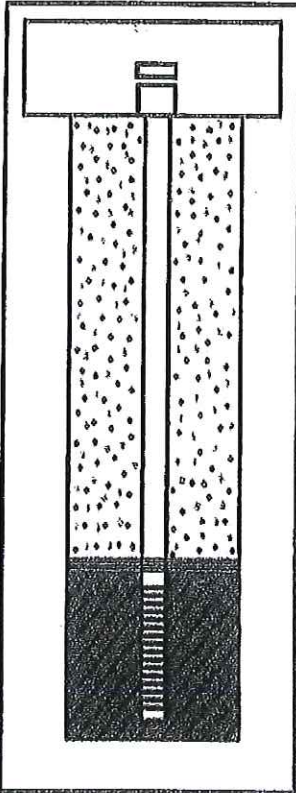
Stick-up of top of well casing _____ ft above ground surface

Start Date 9-22-2020 Completed Date 9-22-2020

Construction Design

Well Data

Driller's Log

<p>Vault 0 FT to 1 FT</p> <p>Seal 1 FT to 2 FT</p> <p>Filter Pack 2 FT to 8 FT</p> 	<p>Casing Diameter <u>2"</u></p> <p>Casing Material <u>PVC</u></p> <p><input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Glued</p> <p>Well Seal Material: <u>Bentonite chips</u></p> <p>Borehole Diameter: <u>3.5</u> From <u>0</u> to <u>8</u></p> <p>From _____ to _____</p> <p>Screen: Material <u>2" PVC</u></p> <p>From <u>3</u> to <u>8</u></p> <p>Slot Size <u>10</u></p> <p>Filter Pack: Material <u>Colorado Sand</u></p> <p>Size <u>12/20</u></p>	<p><u>sandy gravel</u></p> <p>0 FT - 8 FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>Received Department of Ecology <u>OCT 5th 2020</u> FT</p> <p>Water Resources Program NWRC</p>
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The Department of Ecology does NOT warrant the Data and/or information on this well report.

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. _____

Ecology Well ID Tag No. BNF323

Site Well Name OB-52

Consulting Firm _____

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

Notice of Intent No. RE19980

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 Soil- Vapor- Water-sampling

Property Owner Mobil Oil Corporation

Well Street Address 2731 Federal Ave

City Everett County Snohomish

Tax Parcel No. _____

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29 Range 5E

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter 3.5 inches Casing diameter 2 inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

Stick-up of top of well casing _____ ft above ground surface

Start Date 9-22-2020 Completed Date 9-22-2020

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 are true to my best knowledge and belief.

Driller Trainee Engineer

Name (Print Last, First Name) Perva, Chris

Driller/Engineer/Trainee Signature [Signature]

License No. 3264

Company Name Holocene Drilling Inc.

If trainee box is checked, sponsor's license number: _____

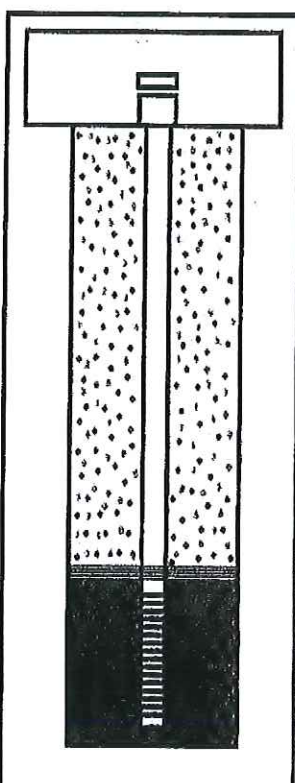
Sponsor's signature _____

The Department of Ecology does NOT warrant the data and/or information on this well report.

Construction Design

Well Data

Driller's Log

<p>Vault</p> <p><u>0</u> FT</p> <p>to</p> <p><u>1</u> FT</p> <p>Seal</p> <p><u>1</u> FT</p> <p>to</p> <p><u>2</u> FT</p> <p>Filter Pack</p> <p><u>2</u> FT</p> <p>to</p> <p><u>8</u> FT</p> 	<p>Casing Diameter <u>2"</u></p> <p>Casing Material <u>PVC</u></p> <p><input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Glued</p> <p>Well Seal Material: <u>Bentonite chips</u></p> <p>Borehole Diameter: <u>3.5</u> From <u>0</u> to <u>8</u></p> <p>From _____ to _____</p> <p>Screen:</p> <p>Material <u>2" PVC</u></p> <p>From <u>3</u> to <u>8</u></p> <p>Slot Size <u>10</u></p> <p>Filter Pack:</p> <p>Material <u>Colorado Sand</u></p> <p>Size <u>12/20</u></p>	<p><u>sandy gravel</u></p> <p><u>0</u> FT - <u>8</u> FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>Received</p> <p>Department of Ecology</p> <p><u>OCT 09 2020</u> FT</p>
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Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇔ Original NOI No. _____

Ecology Well ID Tag No. BNI-327

Site Well Name DB-S3

Consulting Firm _____

Was a variance approved for this well/boring? Yes No
 If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer

Name (Print Last, First Name) Perva, Chris

Driller/Engineer/Trainee Signature [Signature]

License No. 3264

Company Name Holocene Drilling Inc.

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. RE19980

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

Soil- Vapor- Water-sampling

Property Owner Mobil Oil Corporation

Well Street Address 2731 Federal Ave

City Everett County Snohomish

Tax Parcel No. _____

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29 Range 5E

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter 3.5 inches Casing diameter 2 inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

Stick-up of top of well casing _____ ft above ground surface

Start Date 9-22-2020 Completed Date 9-22-2020

The Department of Ecology does NOT warrant the data and/or information on this well report.

Construction Design

Well Data

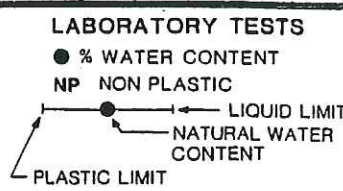
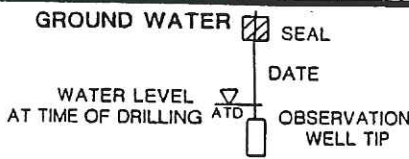
Driller's Log

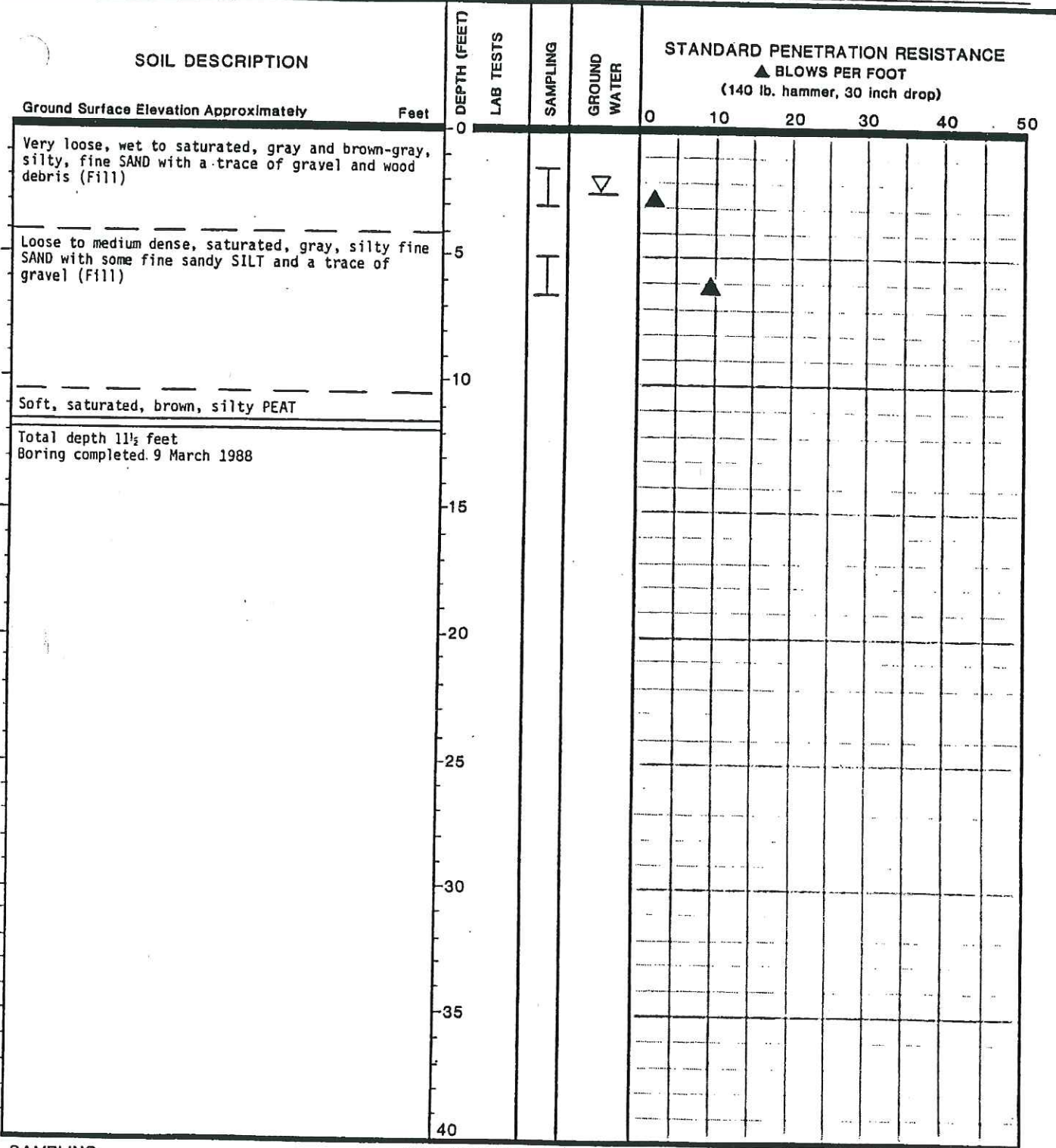
<p>Vault 0 FT</p> <p>to 1 FT</p> <p>Seal 1 FT</p> <p>to 2 FT</p> <p>Filter Pack 2 FT</p> <p>to 8 FT</p>	<p>Casing Diameter <u>2"</u></p> <p>Casing Material <u>PVC</u></p> <p><input type="checkbox"/> Welded <input checked="" type="checkbox"/> Threaded <input type="checkbox"/> Glued</p> <p>Well Seal Material: <u>Bentonite chips</u></p> <p>Borehole Diameter: <u>3.5</u> From <u>0</u> to <u>8</u></p> <p>From _____ to _____</p> <p>Screen:</p> <p>Material <u>2" PVC</u></p> <p>From <u>3</u> to <u>8</u></p> <p>Slot Size <u>10</u></p> <p>Filter Pack:</p> <p>Material <u>Colorado Sand</u></p> <p>Size <u>12/20</u></p>	<p><u>sandy gravel</u></p> <p><u>0</u> FT - <u>8</u> FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>_____ FT - _____ FT</p> <p>Received Department of Ecology <u>[Signature]</u> FT</p> <p><u>OCT 09 2020</u></p>
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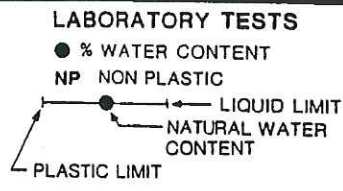
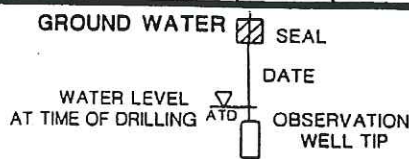
SOIL DESCRIPTION	DEPTH (FEET)	LAB TESTS	SAMPLING	GROUND WATER	STANDARD PENETRATION RESISTANCE ▲ BLOWS PER FOOT (140 lb. hammer, 30 inch drop)										
					0	10	20	30	40	50					
Ground Surface Elevation Approximately _____ Feet	0														
Loose to medium dense, wet to saturated, dark brown, gravelly, silty, fine to coarse SAND with a trace to some wood debris (Fill)	0 - 4.5		I	▽		▲									
Very loose, saturated, dark brown and gray, silty fine SAND (Fill)	4.5 - 10		II		▲										
Soft, saturated, brown, silty PEAT	10 - 11.5														
Total depth 11½ feet Boring completed 9 March 1988	11.5														
	15														
	20														
	25														
	30														
	35														
	40														

- SAMPLING**
 I 2' OD SPLIT SPOON SAMPLE
 II 3' OD SHELBY SAMPLE
 2.5' ID RING SAMPLE
 BULK SAMPLE
 * SAMPLE NOT RECOVERED

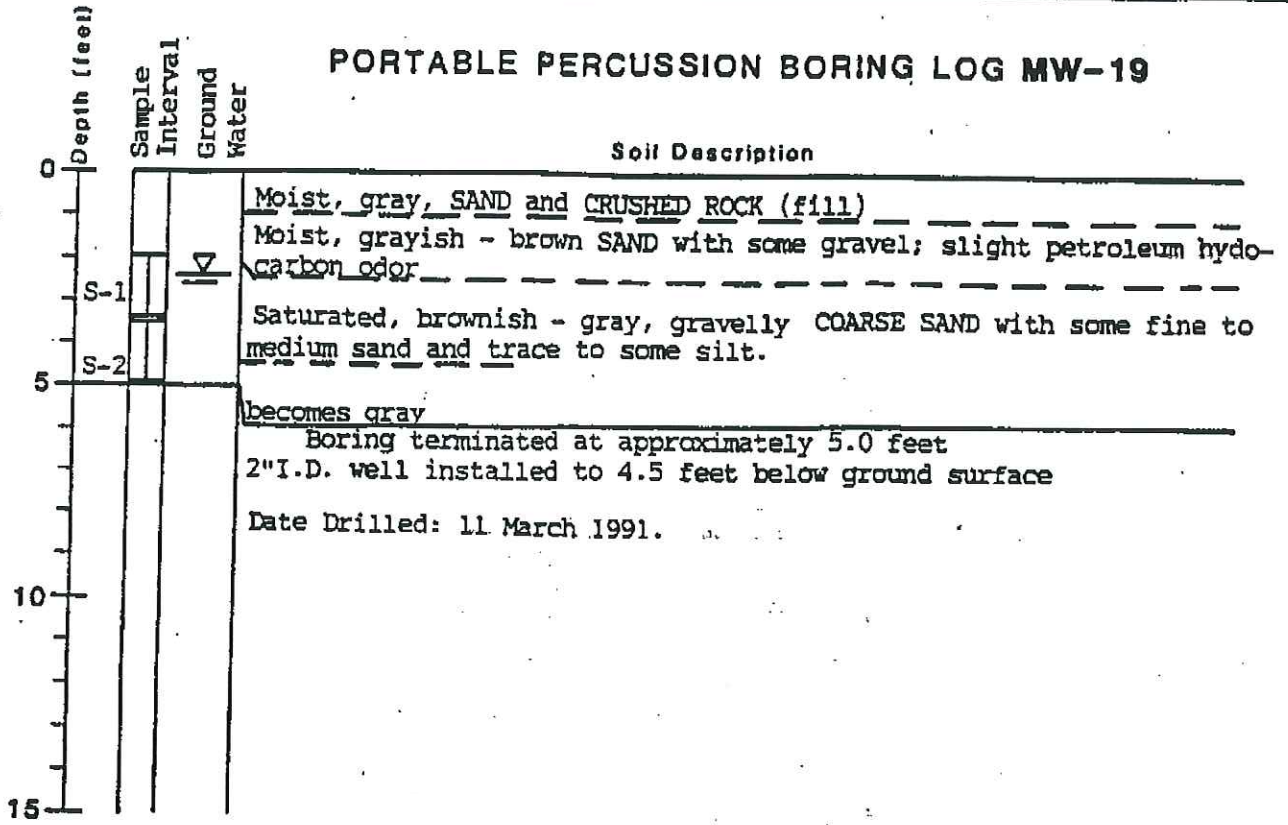




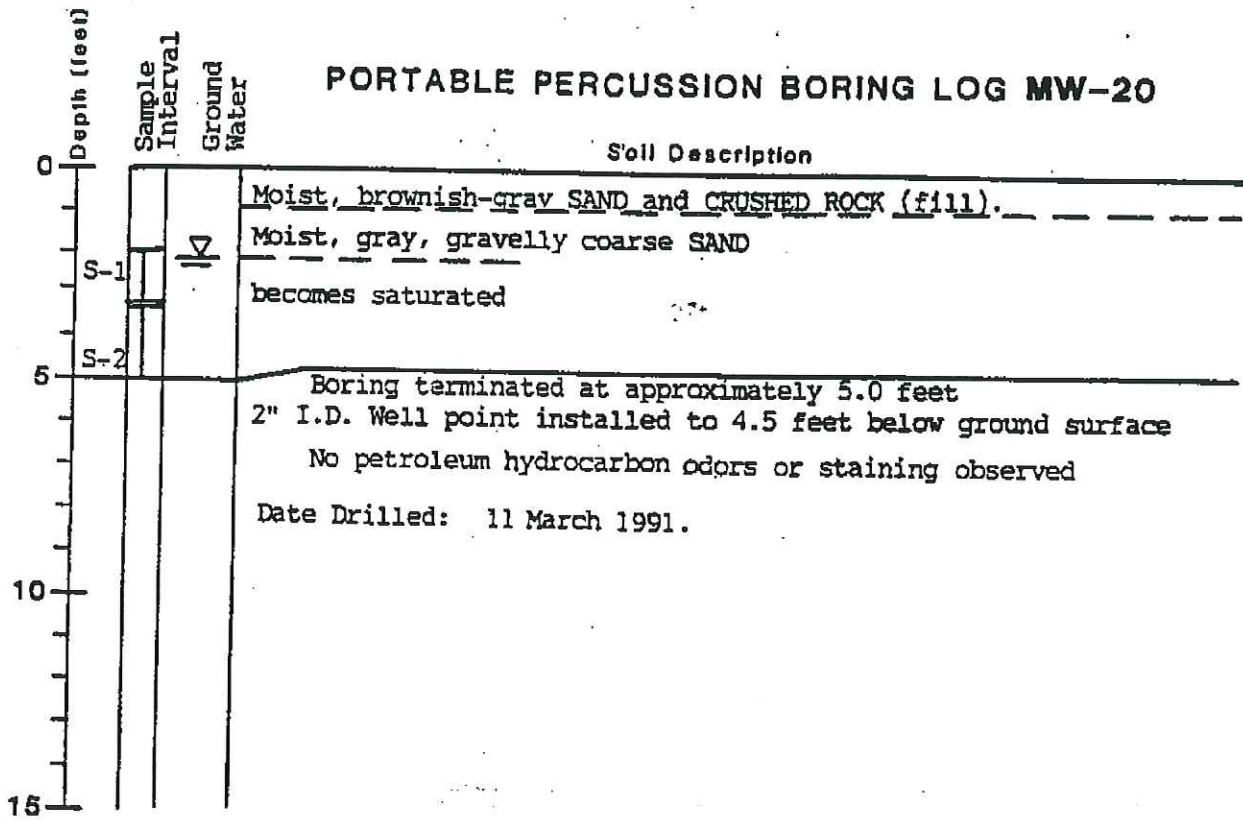
- SAMPLING**
 I 2" OD SPLIT SPOON SAMPLE
 II 3" OD SHELBY SAMPLE
 F 5" ID RING SAMPLE
 LK SAMPLE
 * SAMPLE NOT RECOVERED



PORTABLE PERCUSSION BORING LOG MW-19



PORTABLE PERCUSSION BORING LOG MW-20



ATD groundwater level at time of drilling

RITTENHOUSE-ZEMAN & ASSOCIATES, INC.

Geotechnical Consultants

1400 140th N.E.
Bellevue, Washington 98007
(206) 746-4020



DEPTH (feet)	WELL/PIEZO CONSTRUCTION	TESTING PROGRAM					BLOWS/6 in. (uncorrected)	SAMPLER *	SAMPLE NUMBER	U.S.C.S.		SOIL DESCRIPTION
		LABORATORY			FIELD					NAME	SYMBOL	
		WATER LEVEL	MOISTURE CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	% PASSING No. 200 SIEVE						
0	CONCRETE MONUMENT BENTONITE 10/20 COLORADO-SILICA SAND PACK SLOTTED PIPE										Surface: Asphalt Paving	
0 - 6						33 32 17	RW-40-1		GW SP-SM		6" ASPHALTIC CONCRETE, ATB, and FABRIC 6" CRUSHED ROCK BASE Light brown fine to medium SAND with silt and concrete fragments, (dense, moist), (FILL)	
6 - 11						1 1 1	RW-40-2		OL		Black - gray organic SILT with sand and wood, heavy petroleum staining, (very soft, wet)	
11 - 14						4 6 6	RW-40-3				- becomes stiff / medium dense	

Boring completed at 14' on 10/01/99.
Groundwater encountered from 6' to 7' bgs during drilling and at 4.1' before developing well. Developed / purged 10 gallons from well until water turned clear.

DATE DRILLED: 10-1-99
LOGGED BY: S. Lewis
REVIEWED BY: Jim Schmidt

SURFACE ELEVATION (feet):
TOTAL DEPTH (feet): 14.0
DIAMETER OF BORING (in): 8 OD

DRILLING METHOD: Mobile B-59
DRILLER: Holt Drilling
CASING SIZE: 2" DIAMETER WELL

KLEINFELDER
 GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
 SOILS AND MATERIALS TESTING
 PROJECT NUMBER: 60-1914-01

Mobile
 Everett, Washington
BORING LOG
 RMW-40

FIGURE
 A - 4
 PAGE 1 of 1

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.
 APPROV: _____
 BY: _____

ENVR-WELL BORING FEDERAL AVENUE GPJ AMEC PORTLAND_GDT 3/17/08

DEPTH (ft bgs)	GRAPHIC LOG	USCS SYMBOL	SOIL DESCRIPTION	SAMPLE	BLOW COUNT SPT N VALUE	VOLATILE READING (ppm)	GROUNDWATER	FIELD AND LABORATORY TESTING	WELL SCHEMATIC
0			Surface: moist, dark gray, angular fine to medium gravel (crushed rock) A vac-truck was utilized from 0 to 5 feet below the ground surface to ensure utilities were cleared. Approximatley 2 feet of wood with creosote odor (appeared to be blocks of wood treated with creosote)						Flush mount in cement seal Hydrated bentonite chip seal
5		SP	Very loose, moist, black, fine to medium SAND with some silt and numerous organics (wood splinters)		5	0.0	▼	A2_S-1_020408 Sheen Test Light	2-inch PVC casing in 2/12 silica sand filter pack 2-inch PVC 10 slot screen in 2/12 silica sand filter pack
		SP	Very loose, moist, brown, fine to medium SAND with trace silt				▽	Observed A2_S-2_020408	
		OL/ML	Stiff, wet to saturated, blue-gray, sandy SILT with slight petroleum odor and light sheen						
		SM	Stiff, moist, dark brown to black, organic SILT / SILT with numerous organics (roots, plant fragments) and petroleum odor		11	0.0			
		ML	Stiff, moist, dark brown to black, organic SILT / SILT with numerous organics (roots, plant fragments) and petroleum odor						
		SP	Loose, wet to saturated, silty, fine to medium SAND with trace fine gravel and petroleum odor and light sheen						
		SP	Loose, wet to saturated, silty, fine to medium SAND with trace fine gravel and petroleum odor and light sheen						
			Stiff, moist, brown, SILT with some clay and numerous organics (roots)		25	0.0		Sheen Test None Observed	
			Loose, moist to wet, gray, fine to medium SAND with trace silt and scattered organics (roots)						
			Medium dense, saturated, gray, fine to medium SAND with trace silt		17	0.0			
			Becomes with occasional organics (roots, plant fragments) at 15 feet						
			Tip of sampler shoe contained wet, brown, organic SILT / SILT with numerous organics (roots, plant fragments)		11	0.0		Sheen Test None Observed	2/12 silica sand Bentonite chips
					14	0.0			
					16	0.0		Sheen Test None Observed	
		OL/ML	Stiff, moist, brown, organic stratified SILT with some clay and trace fine to medium sand / stratified SILT with some clay and trace fine to medium sand and numerous organics (roots, plant fragments)						
		SP	Stiff, moist, brown, organic stratified SILT with some clay and trace fine to medium sand / stratified SILT with some clay and trace fine to medium sand and numerous organics (roots, plant fragments)						
			Medium dense, saturated, gray, fine to medium SAND with trace silt and occasional organics (roots, plant fragments)		25	0.0			
			Becomes no visible organics at 22 feet						
					25	0.0		Sheen Test None Observed	
					25	0.0		Sheen Test None Observed	
			Exploration terminated at 26.5 feet below the existing ground surface.						

BORING METHOD: HSA	ELEVATION REFERENCE: NA
BOREHOLE DIAMETER: 8 (in)	GROUND SURFACE ELEVATION: NA
DRILL RIG: CME	CASING ELEVATION: NA
CONTRACTOR: Cascade Drilling, Inc./Scott	START CARD/TAG ID: /BAB237
LOGGED BY: LME	DRILLING DATES: 02/04/2008 - 02/04/2008

REMARKS:

ExxonMobil / American Distributing Company

7-915-15716-B

AMEC Earth and Environmental, Inc.
 11335 NE 122nd Way, Suite 100
 Kirkland, Washington
 USA 98034
 Tel (425) 820-4669
 Fax (425) 821-3914



**LOG OF BORING
MWA2**

PAGE 1 OF 1

PROJECT *Mobil Bulk Plant*

W.O. *W-4558-3* WELL NO. *RW-2*

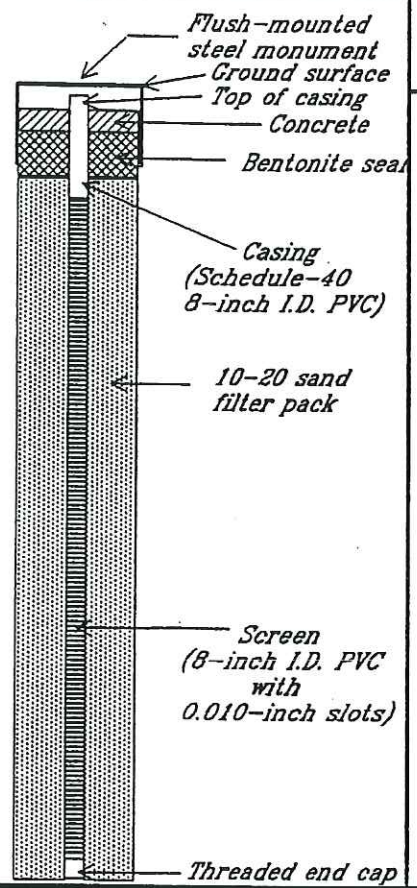
Elevation reference:
Ground surface elevation:

Well completed:
Casing elevation:

AS-BUILT DESIGN

TESTING

DEPTH (feet)	SOIL DESCRIPTION	SAMPLE TYPE	SAMPLE NUMBER	BLOW COUNTS	QVM READING	GROUND WATER
0	Inferred medium dense, moist, brown SILT with gravel and some sand. Slight odor noted.					
5	Inferred medium dense, moist, grey, SILT with some sand and gravel. Strong odor noted.					
10	Inferred, medium dense, wet, grey, SILT with sand and organics. Strong odor noted.					
10	Inferred, dense, wet, dark grey, organics (wood and peat) with some sand and silt.					
18	Boring terminated at 18 feet.					
20						
25						
30						



LEGEND

Observed groundwater level (ATD = at time of drilling)



RITTENHOUSE-ZEMAN & ASSOCIATES, INC.
Environmental Consultants
1400 140th Ave NE
Bellevue, Washington 98005

Drilling started: 07 November 1991 Drilling completed: 07 November 1991 Logged by: JK

LOG OF
EXPLORATORY BORING

Project No: 05-487-002

Boring No: W-1

Date: 2-23-90

Client: American Distributing Co

Driller: Geotech

Location: Bulk Terminal-Everett,

Drilling Method: CMEC-55

Hollow Stem Auger

Logged by: G. Stuesse

Hole Diameter: 7"

Installation Data: (See Below)

Page No: 1 of 1

Location of boring:

Depth (ft)	Graphic Log	Blow/ft	Vapor Concentration (ppm)	Sample type and Depth	Soil Group Symbol (U.S.C.S.)	Water Level	Time:	Date:	Comments:
0 -		4.00		Ring @ 3.0'	Pt	0-3.0" Asphalt			3.0' Organic debris, silty, brown, loose, moist, primarily wood shavings, slight organic odor
2 -						10.0' Silt, brown, soft, wet, wood shavings, slight odor.			
4 -						15.0' Silt, brown, soft, wet, wood shavings, slight petroleum sheen on cuttings.			
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Installation Data:

Screen: 23.0' - 3.0'

Blank: 3.0' - 0

Sand: 23.0' - 2.0'

Bentonite: 2.0' - 1.0'

Concrete: 1.0' - 0

LOG OF
EXPLORATORY BORING

Project No: 05-487-002

Boring No: W-2

Date: 2-22-90

Client: American Distributing Co

Driller: Geotech

Location: Bulk Terminal-Everett,

Drilling Method: CMRC-55

Hollow Stem Auger

Logged by: G. Stuesse

Hole Diameter: 7"

Installation Data: (See Below)

Page No: 1 of 1

Field location of boring:

Depth (ft)	Graphic Log	Blow/ft	Vapor Concentration (ppm)	Sample type and Depth	Soil Group Symbol (U.S.C.S.)	Water Level	Time:	Date:	Comments:
0 -		11	TIP II 60	Ring @ 3.0'					
2 -					SW	0-3" Gravel; degraded asphalt.			
4 -						3-5" Sand, fine-coarse, grey, loose, very moist, occasional fine gravel, slight-moderate oily odor, dark brown, oily film on outside of sampler.			
6 -					SW	5.0' Sand, fine-coarse, grey, loose, wet, occasional fine gravel, slight, moderate oily, odor, dark brown oily film on outside of sampler.			
8 -									
10 -									
12 -									
14 -									
16 -					SW	15.0' Sand, fine-coarse, grey, loose, wet, occasional coarse gravel, slight-medium oily odor, dark brown oily film on outside of sampler.			
18 -									
20 -					SW	20.0' Sand, fine coarse, grey, loose, wet, occasional coarse gravel, slight-medium oily odor, dark brown oily film on outside of sampler.			
22 -					OL	23.0' Clay, brown, soft, wet, possible organic, very slight organic odor.			
24 -					TD=23.0'				
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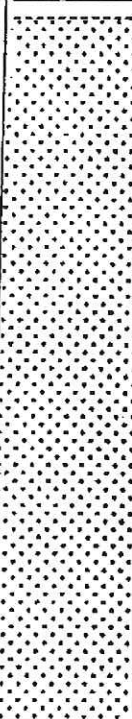
NOTE: The lower 3.0' of well could not be sand packed due to heaving sands.

Installation Data:
 Screen: 23.0' - 3.0'
 Blank: 3.0' - 0'
 Sand: 23.0' - 2.0'
 Bentonite: 2.0' - 1.0'
 Concrete: 1.0' - 0'

LOG OF
EXPLORATORY BORING

Project No: 05-487-002	Boring No: W-3
Client: American Distributing Co	Date: 2-22-90
Location: Bulk Terminal-Everett,	Driller: Geotach
Logged by: G. Stuesse	Drilling Method: CMEC-55
Installation Data: (See Below)	Hollow Stem Auger
	Hole Diameter: 7"
	Page No: 1 of 1

location of boring:

epth (ft)	Graphic Log	Blow/ft	Vapor Concen- tration (ppm)	Sample type and Depth	Soil Group Symbol (U.S.C.S.)	Water Level	Time:	Date:	Comments:		
0 -									0-3" Asphalt		
2 -		11		Ring #					3.0' Sand, slight silty, fine-medium, grey, loose, moist, occasional gravel, no odor.		
4 -			3.0'	SP					7.0' Sand, slight silty, fine-medium, grey, loose, wet, occasional gravel, no odor.		
6 -											15.0' Sand, slight silty, fine-medium, grey, loose, wet, occasional gravel, no odor.
8 -											20.0' Sand, slight silty, fine-medium, grey, loose, wet, occasional gravel, no odor.
10 -											
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300 -											

TD=23.0'

NOTE: Vapors from well have H2S odor.

Installation Data:

Screen:	23.0' - 3.0'
Blank:	3.0' - 0'
Sand:	23.0' - 2.0'
Bentonite:	2.0' - 1.0'
Concrete:	1.0' - 0'

LOG OF
EXPLORATORY BORING

Project No: 05-487-003 Boring No: W-6
 Client: American Distributing Co. Date: 2/23/90
 Location: Bulk Terminal Driller:
 Everett, WA Drilling Method:
 Logged By: Hole Diameter: 7"
 Installation Data: See Below Page No: 1 of 1

Location of boring:

Depth (ft)	Graphic Log	Blow/ft	Vapor Concentration (ppm)	Sample type and Depth	Soil Group Symbol (U.S.C.S.)	Water Level	Time	Date	Comments:				
0 -		19	30	Ring @ 3'	SM				@ 0 - 5' Sand, slightly silty, fine to medium grained, gray, loose moist, slight odor, some gravel.				
2 -													
4 -													
6 -													@ 6' Sand, slightly silty, fine to medium grained, gray, loose, wet, slight odor, some gravel, pieces of wood, brown oily film on water and cuttings.
8 -													
10 -													@ 10' Sand, very silty, fine to medium grained, gray, loose, wet, slight odor, some gravel, pieces of wood, brown oily film on water and cuttings.
12 -													
14 -													
16 -													
18 -													
20 -					OL				@ 20' Clay, organic, dark brown, soft, wet, hydrogen sulfide odor.				
22 -													
24 -													
26 -													
28 -	TD=23'								Installation Data: Screen 23' - 3' Blank 3' - 0' Sand 23' - 2' Bentonite 2' - 1' Concrete 1' - 0'				

DEPTH (feet)	WELL/PIEZO CONSTRUCTION	WATER LEVEL	TESTING PROGRAM					BLOWS/6 in** (uncorrected)	SAMPLER *	SAMPLE NUMBER	U.S.C.S.		SOIL DESCRIPTION
			LABORATORY			FIELD					NAME	SYMBOL	
			MOISTURE CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	% PASSING No. 200 SIEVE	OTHER TESTS						
0	CONCRETE MONUMENT											Surface: Asphalt Paving	
	BENTONITE											8" ASPHALTIC CONCRETE and ATB	
	10/20 COLORADO-SILICA SAND PACK											6" CRUSHED ROCK BASE	
5	SLOTTED PIPE						3 7 3	RW-10-1			GW SM	Dark gray fine to medium SAND with gravel and wood, (medium dense, moist), (FILL) - slight petroleum sheen on soil	
							1 2 1	RW-10-2			PT	Dark brown PEAT with silt and sand, (soft, wet) - heavy petroleum sheen on soil	
10							3 6	RW-10-3			SP-SM	Dark gray fine to medium SAND with silt, petroleum staining, (medium dense, wet) - slight petroleum sheen on soil	
14													

Boring completed at 14' on 10/01/99.
Groundwater encountered at 5' bgs during drilling and at 4.5' before developing well.
Developed / purged 10 gallons until water turned clear.

DATE DRILLED: 10-1-99
LOGGED BY: S. Lewis
REVIEWED BY: Jim Schmidt

SURFACE ELEVATION (feet):
TOTAL DEPTH (feet): 14.0
DIAMETER OF BORING (in): 8 OD

DRILLING METHOD: Mobile B-59
DRILLER: Holt Drilling
CASING SIZE: 2" DIAMETER WELL



KLEINFELDER
GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS
SOILS AND MATERIALS TESTING

Mobile
Everett, Washington

BORING LOG
RW-10

FIGURE

A - 2

PAGE 1 of 1

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.

APPROV:


BY:

DEPTH (feet)	WELL/PIEZO CONSTRUCTION	WATER LEVEL	TESTING PROGRAM				BLOWS/6 in** (uncorrected)	SAMPLER *	SAMPLE NUMBER	U.S.C.S.		SOIL DESCRIPTION
			LABORATORY		FIELD					NAME	SYMBOL	
			MOISTURE CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	% PASSING No. 200 SIEVE						
0	CONCRETE MONUMENT										Surface: Asphalt Paving	
0	BENTONITE										6" ASPHALTIC CONCRETE and ATB	
0	10/20 COLORADO SILICA SAND PACK										6" CRUSHED ROCK BASE	
0	SLOTTED PIPE										Dark gray silty fine SAND with wood and occasional gravel, moderate petroleum staining, with concrete fragments at 1.5', (loose, moist), (FILL)	
5						5 4 3		RW-15-1				
5											Dark brown PEAT with silt, sand, and occasional gravel, heavy petroleum sheen on soil, becomes wet at 5', (loose, wet)	
5						2 3 1		RW-15-2				
10											Gray silty fine to medium SAND with organics, hydrocarbons - slight petroleum sheen on soil	
14						3 3 4		RW-15-3				
14											PT PEAT	

Boring completed at 14' on 10/01/99.
 Groundwater encountered at 5' bgs during drilling and at 3.4' before developing well.
 Developed / purged 10 gallons from well until water turned clear.

DATE DRILLED: 10-1-99 SURFACE ELEVATION (feet): DRILLING METHOD: Mobile B-59
 LOGGED BY: S. Lewis TOTAL DEPTH (feet): 14.0 DRILLER: Holt Drilling
 REVIEWED BY: Jim Schmidt DIAMETER OF BORING (in): 8 OD CASING SIZE: 2" DIAMETER WELL

THIS SUMMARY APPLIES ONLY AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT OTHER LOCATIONS AND MAY CHANGE AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.
 APPROV: _____
 BY: _____

 KLEINFELDER GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS SOILS AND MATERIALS TESTING PROJECT NUMBER: 60-1914-01	Mobile Everett, Washington BORING LOG RW-15	FIGURE A - 3 PAGE 1 of 1
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APPENDIX B

Well Decommissioning Variance





STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

Northwest Region Office

PO Box 330316, Shoreline, WA 98133-9716 • 206-594-0000

Sent via Email

September 27, 2023

Ronan C Bonnie, Trustee
c/o Joe Mesuda, Cascade Environmental
19404 Woodinville-Snohomish Rd NE
Woodinville, WA 98072
jmesuda@cascade-env.com

RE: Variance request from Washington Administrative Code (WAC) 173-160-460. The property address is 2717 Federal Ave, Everett, in the SE ¼ SW ¼ of Section 19, Township 29 North, Range 05 East, W.M., on Tax Parcel 00437161900100 in Snohomish County.

Dear Joe Mesuda:

The Department of Ecology (Ecology) received your variance request via email August 15, 2023. The request states strict compliance with WAC 173-160-460, which details decommissioning standards for resource protection wells, is impractical because four wells at the site are within close proximity to various utilities. These obstacles include overhead electrical lines and buried sewer infrastructure and electrical lines. You propose sealing the wells by filling with 100% bentonite chips from bottom to land surface.

This letter documents the variance you requested to WAC 173-160-460 **was granted via e-mail August 16, 2023**, in accordance with WAC 173-160-106. The variance **expires January 31, 2024**, and is granted only for decommissioning of the 4 resource protection wells in the manner and location referenced in the variance request. Any licensed resource protection well driller can execute the decommissioning of the well according to the variance request, subject to the provisions listed below:

1. A "Notice of Intent to Decommission a Well" and fees shall be submitted to Ecology at PO Box 47611, Olympia, WA, 98504-7611.
2. All other minimum construction standards found in WAC 173-160 shall be followed to prevent degradation of the groundwater resource.
3. A well report containing the details required by WAC 173-160-141 shall be submitted to Ecology at PO Box 330316, Shoreline, WA 98133, within 30 days of completion of work on the well. Attach a copy of this variance to the well report.
4. With the exception of the specific provisions set forth (above) in this variance, all federal, state, and local requirements shall apply.

Ronan C Bonnie, Trustee
c/o Joe Mesuda, Cascade Environmental
Variance

5. This variance **expires January 31, 2024**. After this date, approval of a new request for variance or an extension must be requested in writing for the work proposed.

Your right to appeal

You have a right to appeal this decision to the Pollution Control Hearings Board (PCHB) within 30 days of the date of receipt. The appeal process is governed by RCW 43.21B and WAC 371-08. "Date of receipt" is defined in RCW 43.21B.001(2).

To appeal, you must do all of the following within 30 days of the date of receipt of this decision:

- File your notice of appeal and a copy of this decision with the PCHB (see filing information below). "Filing" means actual receipt by the PCHB during regular business hours as defined in WAC 371-08-305 and -335. "Notice of appeal" is defined in WAC 371-08-340.
- Serve a copy of your notice of appeal and this decision on the Department of Ecology by mail, in person, or by email (see addresses below).

You must also comply with other applicable requirements in RCW 43.21B and WAC 371-08.

Filing an appeal

Filing with the PCHB

For the most current information regarding filing with the PCHB, visit: <https://eluhwa.wa.gov/> or call: 360-664-9160.

Service on Ecology

Street Address:

Department of Ecology
Attn: Appeals Processing Desk
300 Desmond Drive SE
Lacey, WA 98503

Mailing Address:

Department of Ecology
Attn: Appeals Processing Desk
PO Box 47608
Olympia, WA 98504-7608

E-Mail Address:

ecologyappeals@ecy.wa.gov

More information

- **[Pollution Control Hearings Board Website](https://eluhwa.wa.gov/)**
<https://eluhwa.wa.gov/>
- **[Chapter 43.21B RCW – Environmental Hearings Office – Pollution Control Hearings Board](http://apps.leg.wa.gov/RCW/default.aspx?cite=43.21B)**
<http://apps.leg.wa.gov/RCW/default.aspx?cite=43.21B>

Ronan C Bonnie, Trustee
c/o Joe Mesuda, Cascade Environmental
Variance

- **Chapter 371-08 WAC – Practice And Procedure**
<http://apps.leg.wa.gov/WAC/default.aspx?cite=371-08>
- **Chapter 34.05 RCW – Administrative Procedure Act**
<http://apps.leg.wa.gov/RCW/default.aspx?cite=34.05>
- **Ecology's Laws, Rules & Rulemaking**
<https://www.ecology.wa.gov/About-us/How-we-operate/Laws-rules-rulemaking#ws>

Americans with Disabilities Act information

Accommodation Requests

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at 360-407-7668 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TTY at 877-833-6341.

Your attention to these laws and regulations, and cooperation with the Department of Ecology in this matter, is appreciated. Please telephone Noel S. Philip at (206) 594-0195 or email him at noel.philip@ecy.wa.gov if you have any questions concerning this variance.

DATED this 27th day of September, 2023, at Shoreline, Washington.

Sincerely,



Kasey Cykler
Section Manager
Water Resources Program

ecc: Noel S. Philip, LHG, Well Construction Coordinator

APPENDIX C

Resource Protection Well Reports



Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. RE19980

Ecology Well ID Tag No. BNF 324

Site Well Name _____

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter _____ inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	Chip in place <u>2"</u> well <u>-</u> FT
	Total Hole Depth <u>8</u> FT	
DEPT OF ECOLOGY WELL TAG <u>BNF 324</u> CLIENT WELL ID _____		

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. RE19980

Ecology Well ID Tag No. BNF 325

Site Well Name _____

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter _____ inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	Chip in place 2" well <u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>BNF 325</u> CLIENT WELL ID _____		
	Total Hole Depth <u>8</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. RE19980

Ecology Well ID Tag No. BNF 326

Site Well Name _____

Consulting Firm Stantec Consulting


Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature 

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): _____ WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

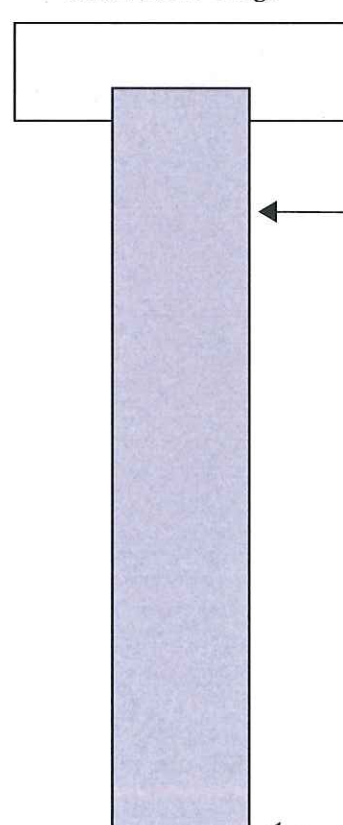
Borehole diameter _____ inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

- Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>6</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 8</u> FT</p> <p>Chip in place 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>BNF 326</u></p> <p>CLIENT WELL ID _____</p>		
	<p>Total Hole Depth <u>8</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. RE19980

Ecology Well ID Tag No. BNF 323

Site Well Name _____

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): SE $\frac{1}{4}$ - $\frac{1}{4}$ SW $\frac{1}{4}$, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter _____ inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT Chip in place 2" well
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	<u>-</u> FT
	Total Hole Depth <u>8</u> FT	
DEPT OF ECOLOGY WELL TAG <u>BNF 323</u> CLIENT WELL ID _____		

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. RE19980

Ecology Well ID Tag No. BNF 327

Site Well Name _____

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter _____ inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>6</u> FT <u>Bentonite Chips</u></p> <p>Total Hole Depth <u>8</u> FT</p>	<p><u>0 - 8</u> FT</p> <p>Chip in place 2" well</p> <p><u>-</u> FT</p>
DEPT OF ECOLOGY WELL TAG <u>BNF 327</u> CLIENT WELL ID _____		

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name LPH 1

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 10.25 inches Casing diameter 4" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/15/2023 Completed Date 8/15/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>6</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 8</u> FT</p> <p>Drill Out 4" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>LPH 1</u></p>		
	<p>Total Hole Depth <u>8</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name LPH 2

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature _____

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 10.25 inches Casing diameter 4" inches

Static water level 2' ft below top of casing Date _____

- Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/15/2023 Completed Date 8/15/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	Drill Out 4" well <u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>LPH 2</u>		
	Total Hole Depth <u>8</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name LPH 3

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↪ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range SE

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 10.25 inches Casing diameter 4" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↪ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/15/2023 Completed Date 8/15/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT Drill Out 4" well
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	<u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>LPH 3</u>		
	Total Hole Depth <u>8</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇔ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name LPH 4

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range SE

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 10.25 inches Casing diameter 4" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/15/2023 Completed Date 8/15/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT Drill Out 4" well
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	<u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>LPH 4</u>		
	Total Hole Depth <u>8</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇔ Original NOI No. _____

Ecology Well ID Tag No. _____ **n/a**

Site Well Name _____ **LPH 5**

Consulting Firm _____ **Stantec Consulting**

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) _____ **Curtis Askew**
 Driller/Engineer/Trainee Signature _____
 License No. _____ **2867**
 Company Name _____ **Cascade Drilling - Seattle**

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. _____ **AE79088**

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner _____ **Parking Lot**

Well Street Address _____ **2717 Federal Ave**

City _____ **Everett** County _____ **Snohomish**

Tax Parcel No. _____ **00437161900100**

Location (see instructions): _____ WWM or EWM

SE ¼-¼ **SW** ¼, Section **19** Town **29N** Range **5E**

Latitude (Example: 47.12345) _____ **47.98157**

Longitude (Example: -120.12345) _____ **-122.21667**

(WGS 84 Coordinate System)

Borehole diameter **10.25** inches Casing diameter **4"** inches

Static water level **2'** ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date _____ **8/14/2023** Completed Date _____ **8/14/2023**

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth _____ 2 FT	_____ 0 - 8 FT
	Backfill _____ 6 FT Bentonite Chips	Drill Out 4" well _____ FT
DEPT OF ECOLOGY WELL TAG _____ n/a CLIENT WELL ID _____ LPH 5		
	Total Hole Depth _____ 8 FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. _____

Ecology Well ID Tag No. _____ **n/a**

Site Well Name _____ **LPH 6**

Consulting Firm _____ **Stantec Consulting**

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) _____ **Curtis Askew**
 Driller/Engineer/Trainee Signature _____
 License No. _____ **2867**
 Company Name _____ **Cascade Drilling - Seattle**

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. _____ **AE79088**

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner _____ **Parking Lot**

Well Street Address _____ **2717 Federal Ave**

City _____ **Everett** County _____ **Snohomish**

Tax Parcel No. _____ **00437161900100**

Location (see instructions): _____ WWM or EWM

SE ¼-¼ **SW** ¼, Section **19** Town **29N** Range **5E**

Latitude (Example: 47.12345) _____ **47.98157**

Longitude (Example: -120.12345) _____ **-122.21667**

(WGS 84 Coordinate System)

Borehole diameter **10.25** inches Casing diameter **4"** inches

Static water level **2'** ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date **8/14/2023** Completed Date **8/14/2023**

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth _____ 2 FT	_____ 0 - 8 FT
	Backfill _____ 6 FT Bentonite Chips	Drill Out 4" well _____ - FT
	Total Hole Depth _____ 8 FT	
DEPT OF ECOLOGY WELL TAG _____ n/a CLIENT WELL ID _____ LPH 6		

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. _____

Ecology Well ID Tag No. n/a

Site Well Name LPH 7

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 10.25 inches Casing diameter 4" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 8</u> FT
	Backfill <u>6</u> FT <u>Bentonite Chips</u>	Drill Out <u>4"</u> well
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>LPH 7</u>		
	Total Hole Depth <u>8</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. _____

Ecology Well ID Tag No. _____ **n/a**

Site Well Name _____ **LPH 8**

Consulting Firm _____ **Stantec Consulting**

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) _____ **Curtis Askew**
 Driller/Engineer/Trainee Signature _____
 License No. _____ **2867**
 Company Name _____ **Cascade Drilling - Seattle**

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. _____ **AE79088**

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner _____ **Parking Lot**

Well Street Address _____ **2717 Federal Ave**

City _____ **Everett** County _____ **Snohomish**

Tax Parcel No. _____ **00437161900100**

Location (see instructions): _____ WWM or EWM

SE ¼-¼ **SW** ¼, Section **19** Town **29N** Range **5E**

Latitude (Example: 47.12345) _____ **47.98157**

Longitude (Example: -120.12345) _____ **-122.21667**

(WGS 84 Coordinate System)

Borehole diameter **10.25** inches Casing diameter **4"** inches

Static water level **2'** ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date **8/14/2023** Completed Date **8/14/2023**

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth _____ 2 FT</p> <p>Backfill _____ 6 FT Bentonite Chips</p>	<p>_____ 0 - 8 FT</p> <p>Drill Out 4" well</p> <p>_____ - FT</p>
<p>DEPT OF ECOLOGY WELL TAG _____ n/a</p> <p>CLIENT WELL ID _____ LPH 8</p>		
	<p>Total Hole Depth _____ 8 FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. _____

Ecology Well ID Tag No. n/a

Site Well Name LPH 9

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No
 If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ⇨ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): SE $\frac{1}{4}$ - $\frac{1}{4}$ SW $\frac{1}{4}$, Section 19 Town 29N Range 5E
 WWM or EWM

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 10.25 inches Casing diameter 4" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

⇨ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>6</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 8</u> FT</p> <p>Drill Out 4" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>LPH 9</u></p>		
	<p>Total Hole Depth <u>8</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a


Ecology Well ID Tag No. n/a

Site Well Name MW-10

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No
 If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature 
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ⇨ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

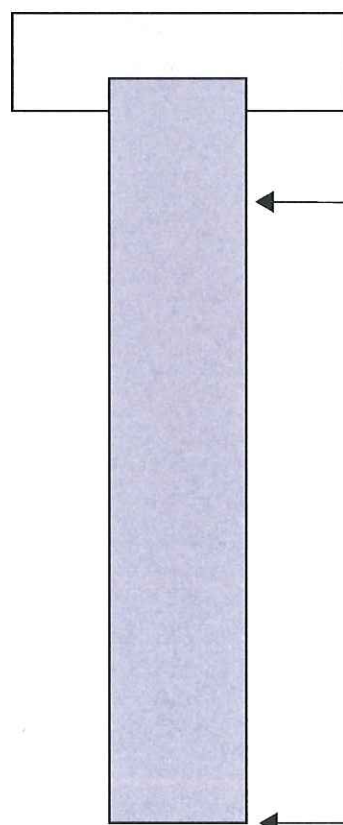
Borehole diameter 8.25" inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

⇨ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>10</u> FT <u>Bentonite Chips</u></p>	<p><u>0</u> - <u>12</u> FT</p> <p>Drill Out 2" well</p> <p><u>-</u> FT</p>
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>MW-10</u>		
	<p>Total Hole Depth <u>12</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name MW-11

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No
 If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

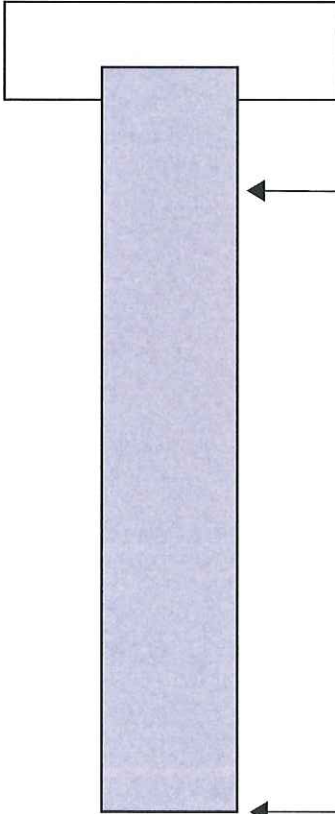
Borehole diameter 8.25" inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>18</u> FT <u>Bentonite Chips</u></p>	<p><u>0</u> - <u>20</u> FT</p> <p>Drill Out 2" well</p> <p><u>-</u> FT</p>
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>MW-11</u>		
	<p>Total Hole Depth <u>20</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇔ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name MW-19

Consulting Firm Stantec Consulting


Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? Utilities installed after well installation, all closer than 3' to each well, or under overhead power lines. Too close to safely drill out.

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature 

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

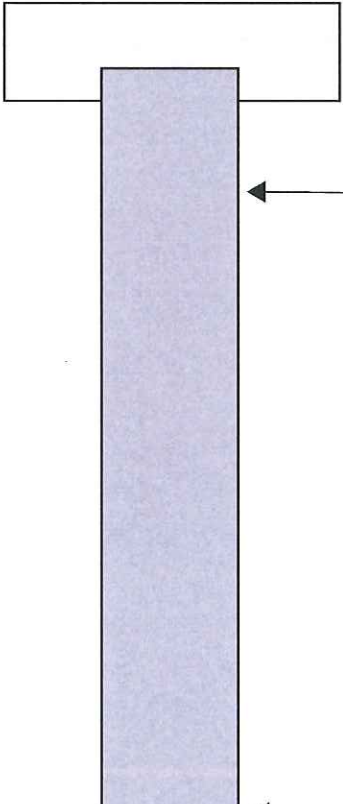
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

- Above-ground completion with bollards Flush monument

Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>4</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 6</u> FT</p> <p>Chip in place 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>MW-19</u></p>		
	<p>Total Hole Depth <u>6</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name MW-40R

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ⇨ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 8.25 inches Casing diameter 2" inches

Static water level 3' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

⇨ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/15/2023 Completed Date 8/15/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>12</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 14</u> FT</p> <p>Drill Out 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>MW-40R</u></p>		
	<p>Total Hole Depth <u>14</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. n/a

Ecology Well ID Tag No. n/a


Site Well Name MW-A1

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? Utilities installed after well installation, all closer than 3' to each well, or under overhead power lines. Too close to safely drill out.

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature 
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

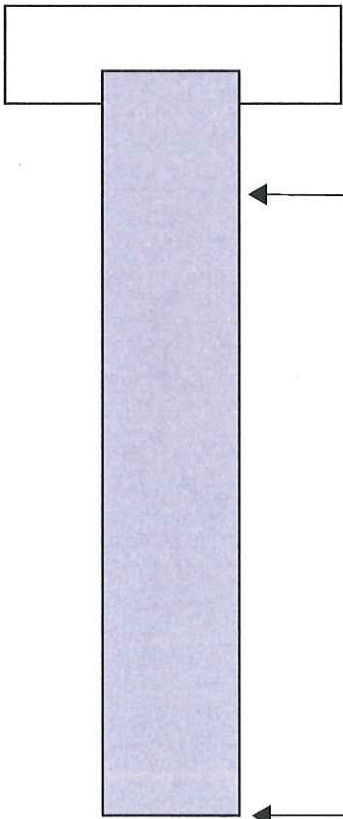
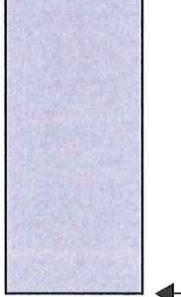
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT Backfill <u>13</u> FT <u>Bentonite Chips</u>	<u>0 - 15</u> FT Chip in place 2" well - FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>MW-A1</u>		
	Total Hole Depth <u>15</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a


Site Well Name MW-A2

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? Utilities installed after well installation, all closer than 3' to each well, or under overhead power lines. Too close to safely drill out.

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature 
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

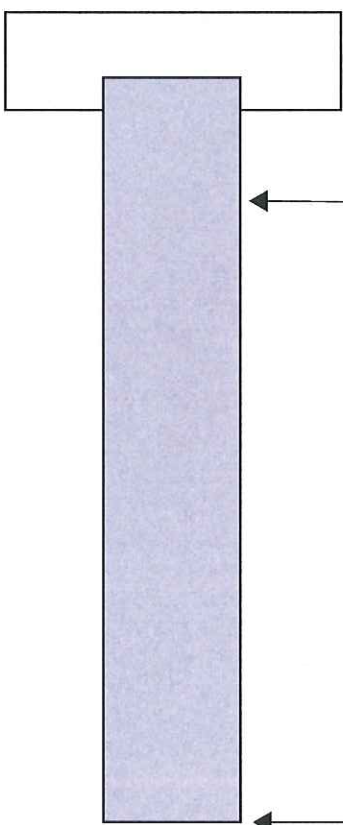
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>13</u> FT <u>Bentonite Chips</u></p>	<p><u>0</u> - <u>15</u> FT</p> <p>Chip in place 2" well</p> <p><u>-</u> FT</p>
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>MW-A2</u>		
<p>Total Hole Depth <u>15</u> FT</p>		

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name RW-2

Consulting Firm Stantec Consulting


Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature 

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range SE

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

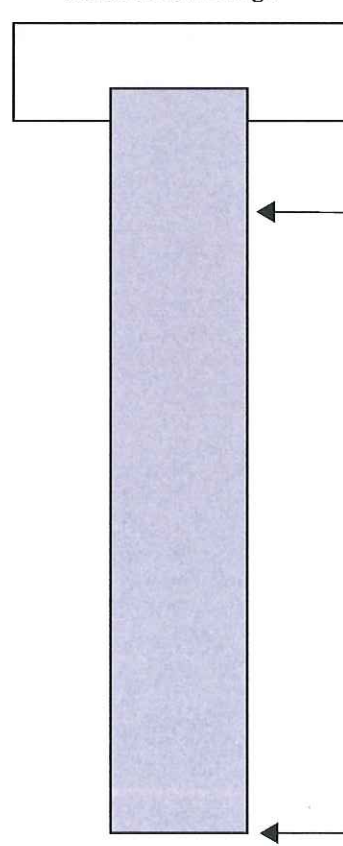
Borehole diameter 12.25 inches Casing diameter 8" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>16</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 18</u> FT</p> <p>Drill Out 8" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>RW-2</u></p>		
	<p>Total Hole Depth <u>18</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name W-1

Consulting Firm Stantec Consulting


Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature 

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

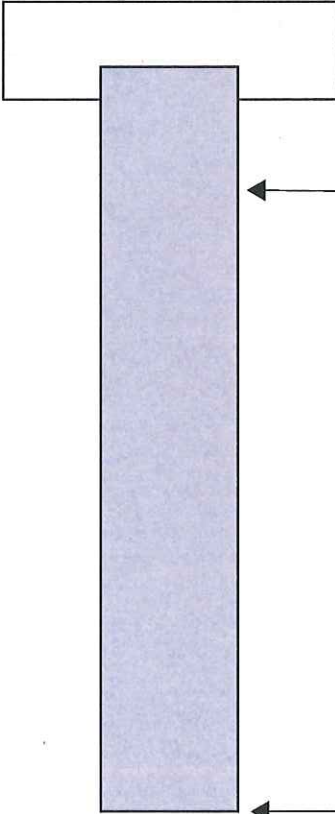
Borehole diameter 8.25 inches Casing diameter 2" inches

Static water level 3' ft below top of casing Date _____

- Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/15/2023 Completed Date 8/15/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>21</u> FT <u>Bentonite Chips</u></p>	<p><u>0</u> - <u>23</u> FT</p> <p>Drill Out 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>W-1</u></p>		
	<p>Total Hole Depth <u>23</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a


Site Well Name W-2

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? Utilities installed after well installation, all closer than 3' to each well, or under overhead power lines. Too close to safely drill out.

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature 
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ⇨ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE 1/4-1/4 SW 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

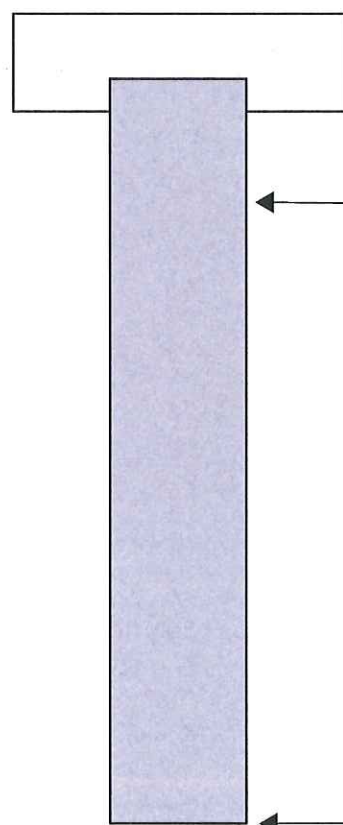
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

⇨ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>21</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 23</u> FT</p> <p>Chip in place 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>W-2</u></p>		
	<p>Total Hole Depth <u>23</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. n/a

Ecology Well ID Tag No. n/a


Site Well Name W-3

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? Utilities installed after well installation, all closer than 3' to each well, or under overhead power lines. Too close to safely drill out.

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature 
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↪ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

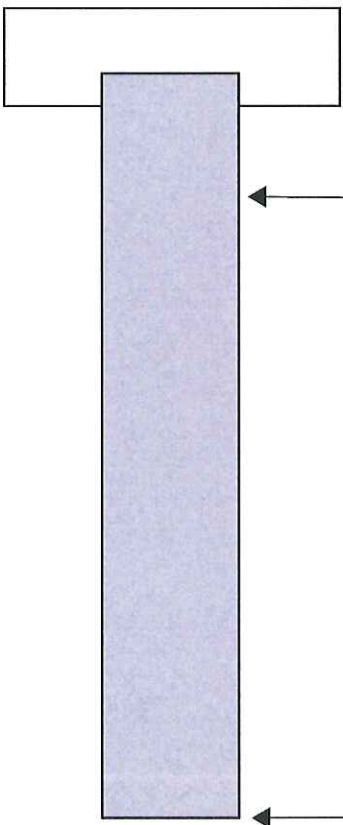
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↪ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>21</u> FT <u>Bentonite Chips</u></p>	<p><u>0 - 23</u> FT</p> <p>Chip in place 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>W-3</u></p>		
	<p>Total Hole Depth <u>23</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name W-6

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 8" inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT Backfill <u>4</u> FT <u>Bentonite Chips</u>	<u>0 - 6</u> FT Abandon well via Vac <u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>W-6</u>		
	Total Hole Depth <u>6</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇒ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name W-10R

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 8.25 inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	<p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>12</u> FT</p> <p><u>Bentonite Chips</u></p>	<p><u>0 - 14</u> FT</p> <p>Drill Out 2" well</p> <p><u>-</u> FT</p>
<p>DEPT OF ECOLOGY WELL TAG <u>n/a</u></p> <p>CLIENT WELL ID <u>W-10R</u></p>		
	<p>Total Hole Depth <u>14</u> FT</p>	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name W-15R

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No

If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

- Driller Trainee Engineer

Name (Print Last, First Name) Curtis Askew

Driller/Engineer/Trainee Signature _____

License No. 2867

Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____
 ↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 8.25" inches Casing diameter 2" inches

Static water level 2' ft below top of casing Date _____

- Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 8/16/2023 Completed Date 8/16/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 14</u> FT
	Backfill <u>12</u> FT <u>Bentonite Chips</u>	Drill Out <u>2"</u> well <u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>W-15R</u>		
	Total Hole Depth <u>14</u> FT	

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

- Construction
 Decommission ⇨ Original NOI No. n/a

Ecology Well ID Tag No. n/a

Site Well Name W-17

Consulting Firm Stantec Consulting

Was a variance approved for this well/boring? Yes No
 If yes, what was the variance for? _____

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 are true to my best knowledge and belief.

Driller Trainee Engineer
 Name (Print Last, First Name) Curtis Askew
 Driller/Engineer/Trainee Signature _____
 License No. 2867
 Company Name Cascade Drilling - Seattle

If trainee box is checked, sponsor's license number: _____
 Sponsor's signature _____

Notice of Intent No. AE79088

Type of Well:

- Resource Protection Well Injection Point
 Remediation Well Grounding Well
 Geotechnical Soil Boring Ground Source Heat Pump
 Environmental Boring Other _____

↳ Soil- Vapor- Water-sampling

Property Owner Parking Lot

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161900100

Location (see instructions): WWM or EWM

SE ¼-¼ SW ¼, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98157

Longitude (Example: -120.12345) -122.21667

(WGS 84 Coordinate System)

Borehole diameter 8.25 inches Casing diameter 2" inches

Static water level _____ ft below top of casing Date _____

Above-ground completion with bollards Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface


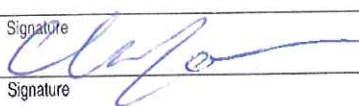
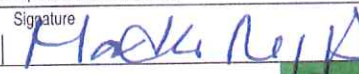
Start Date 8/14/2023 Completed Date 8/14/2023

Construction Design	Well Data	Driller's Log
	Concrete Surface Seal Depth <u>2</u> FT	<u>0 - 6</u> FT
	Backfill <u>4</u> FT <u>Bentonite Chips</u>	<u>Drill Out 2" well</u> <u>-</u> FT
DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>W-17</u>		
	Total Hole Depth <u>6</u> FT	

APPENDIX D

Waste Documentation



NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number WAYSQG	2. Page 1 of 1	3. Emergency Response Phone 888-785-7225	4. Waste Tracking Number 462924/D565773	
5. Generator's Name and Mailing Address ExxonMobil c/o Cardno 309 South Cloverdale Street, Unit A13 Seattle, WA 98108 Generator's Phone: 206-869-1196					
6. Transporter 1 Company Name Advanced Chemical Transport Inc /DBA ACTenviro			U.S. EPA ID Number CAR000070540		
7. Transporter 2 Company Name					
8. Designated Facility Name and Site Address US Ecology Idaho Inc Site B 20400 Lemley Rd Grandview, ID 83624 Facility's Phone: 208-834-2275					
U.S. EPA ID Number IDD073114654					
9. Waste Shipping Name and Description					
		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Non-RCRA/Non-DOT Regulated Material Solid (SOIL CUTTINGS)		9	DM	4500	P
2. Non-RCRA/Non-DOT Regulated Material Liquid (GROUNDWATER)		2	DM	400	P
3. Non-RCRA/Non-DOT Regulated Material Solid (ABSORBENT, SAMPLING SUPPLIES)			DM		P
4.					
13. Special Handling Instructions and Additional Information Project Number 462924 Document #: D565773 1) 52930-0 EXU- 9x0msj USA 54050-0 EXU 2) 000052916-0 EXU- 2x0msj					
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.					
Generator's/Officer's Printed/Typed Name RAINS, Ryan ON BEHALF OF EXXONMOBIL				Signature 	Month Day Year 08 19 2013
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Christopher Johnson				Signature 	Month Day Year 09 18 23
Transporter 2 Printed/Typed Name				Signature	Month Day Year
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
Manifest Reference Number: _____ U.S. EPA ID Number _____					
17b. Alternate Facility (or Generator)					
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator)					
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Markku Ruggs				Signature 	Month Day Year 09 19 23

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

CERTIFICATE OF DISPOSAL

October 19, 2023

EXXONMOBILE OIL CORPORATION
2717/2731 FEDERAL AVE
EVERETT, WA 98201

This is to certify that waste as defined on Waste Manifest number **462924/D565773** was received by U.S. Ecology, Inc., on **9/29/2023**. The waste(s) were subsequently treated, if required by CFR Part 268 and U.S. Ecology's permits, and disposed of on **09/29/2023** in accordance with permits and laws regulating this facility.

Reference Number: 23092904313-462924/D565773-1-1

Material: 9 55 GALLON DRUM

Process: Direct Landfill

Management Code: H132 Landfill or surface impoundment that will be closed as landfill (to include prior treatment and/or stabilization)

Facility: US ECOLOGY IDAHO, INC.

20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Stream #: 52930-0

Waste Type: NON-HAZARDOUS

Customer: ADVANCED CHEMICAL TRANSPORT

Printed Name: BRENDA CORDOVA

Signature: Brenda Cordova

Title: CUSTOMER SUPPORT SPECIALIST LEAD

CERTIFICATE OF DISPOSAL

October 19, 2023

EXXONMOBILE OIL CORPORATION
2717/2731 FEDERAL AVE
EVERETT, WA 98201

This is to certify that waste as defined on Waste Manifest number 462924/D565773 was received by U.S. Ecology, Inc., on 9/29/2023. The waste(s) were subsequently treated, if required by CFR Part 268 and U.S. Ecology's permits, and disposed of on 10/02/2023 in accordance with permits and laws regulating this facility.

Reference Number: 23092904313-462924/D565773-1-2

Material: 2 55 GALLON DRUM (CRUSHED EMPTY CONTAINER)

Process: Direct Landfill

Management Code: H132 Landfill or surface impoundment that will be closed as landfill (to include prior treatment and/or stabilization)

Facility: US ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Stream #: 52916-0

Waste Type: NON-HAZARDOUS

Customer: ADVANCED CHEMICAL TRANSPORT

Printed Name: BRENDA CORDOVA

Signature: Brenda Cordova

Title: CUSTOMER SUPPORT SPECIALIST LEAD

CERTIFICATE OF DISPOSAL

October 19, 2023

EXXONMOBILE OIL CORPORATION
2717/2731 FEDERAL AVE
EVERETT, WA 98201

This is to certify that waste as defined on Waste Manifest number 462924/D565773 was received by U.S. Ecology, Inc., on 9/29/2023. The waste(s) were subsequently treated, if required by CFR Part 268 and U.S. Ecology's permits, and disposed of on 10/02/2023 in accordance with permits and laws regulating this facility.

Reference Number: 23092904313-462924/D565773-1-2

Material: 2 55 GALLON DRUM

Process: Solidification

Management Code: H132 Landfill or surface impoundment that will be closed as landfill (to include prior treatment and/or stabilization)

Facility: US ECOLOGY IDAHO, INC.
20400 LEMLEY ROAD
GRAND VIEW, ID 83624
EPA ID: IDD073114654

Waste Stream #: 52916-0

Waste Type: NON-HAZARDOUS

Customer: ADVANCED CHEMICAL TRANSPORT

Printed Name: BRENDA CORDOVA

Signature: Brenda Cordova

Title: CUSTOMER SUPPORT SPECIALIST LEAD