



Stantec Consulting Services Inc.
1168 114th Avenue Southeast, Suite 100
Bellevue WA 98004

February 24, 2025

Project 203723786.R23

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
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 prepared this report presenting results of well decommissioning at the referenced site. Four monitoring wells were decommissioned in accordance with Washington Administrative Code (WAC) 173-160-460¹ at the request of ExxonMobil and ADC. The monitoring wells were decommissioned due to their location within and adjacent to the footprint of the remedial excavation conducted on the ExxonMobil ADC property.

Please contact Mr. Ryan Pozzuto, Stantec Project Manager for this Site, at (206) 550-6681, or Mr. Jacob Aguirre, ExxonMobil Project Manager for this Site, at (832) 948-8947 with questions

Regards,

STANTEC CONSULTING SERVICES INC.

Ryan Pozzuto
Project Manager
Mobile: (206) 550-6681
ryan.pozzuto@stantec.com

- c. w/ attachment
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 file)

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

Well Decommissioning Report

ExxonMobil ADC



Prepared for:
ExxonMobil Environmental and Property
Solutions Company and American Distributing
Company

Prepared by:
Laina Cole

February 24, 2025

Project/File:
203723786.R23

Well Decommissioning Report

The conclusions in the Report titled *Well Decommissioning Report* are Stantec's professional opinion, as of the time of the Report, and concerning the scope described in the Report. The opinions in the document are based on conditions and information existing at the time the scope of work was conducted and do not take into account any subsequent changes. The Report relates solely to the specific project for which Stantec was retained and the stated purpose for which the Report was prepared. The Report is not to be used or relied on for any variation or extension of the project, or for any other project or purpose, and any unauthorized use or reliance is at the recipient's own risk.

Stantec has assumed all information received from ExxonMobil Environmental and Property Solutions Company and American Distributing Company (Clients) and third parties in the preparation of the Report to be correct. While Stantec has exercised a customary level of judgment or due diligence in the use of such information, Stantec assumes no responsibility for the consequences of any error or omission contained therein.

This Report is intended solely for use by the Clients in accordance with Stantec's contract with the Clients. While the Report may be provided by the Clients to applicable authorities having jurisdiction and to other third parties in connection with the project, Stantec disclaims any legal duty based upon warranty, reliance or any other theory to any third party, and will not be liable to such third party for any damages or losses of any kind that may result.

Prepared by

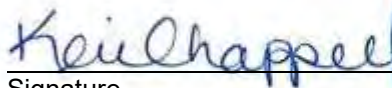


Signature

Laina Cole

Printed Name

Reviewed by



Signature

Keri L. Chappell, L.G. 2719

Printed Name



Approved by



Signature

Ryan Pozzuto

Printed Name



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Acronyms / Abbreviations

| | |
|------------|--|
| ADC | American Distributing Company |
| bgs | Below ground surface |
| Cascade | Cascade Drilling, LP |
| Ecology | Washington State Department of Ecology |
| ExxonMobil | ExxonMobil Oil Corporation |
| ID | Identification |
| Site | ExxonMobil and ADC Property and the surrounding parcels where hydrocarbons have migrated |
| Stantec | Stantec Consulting Services Inc. |
| USA | Underground Service Alert |
| WAC | Washington Administrative Code |



1 Introduction

At the request of ExxonMobil Environmental and Property Solutions, on behalf of ExxonMobil Oil Corporation (ExxonMobil) and American Distributing Company (ADC), Stantec prepared this report presenting results of well decommissioning at the ExxonMobil ADC Site (Site) located at 2717 and 2731 Federal Avenue, in Everett, Washington (Plate 1). Four monitoring wells were decommissioned in accordance with Washington Administrative Code (WAC) 173-160-460 (WAC, 2008) at the request of ExxonMobil and ADC. The monitoring wells were decommissioned due to their location within and adjacent to the footprint of the remedial excavation conducted on the ExxonMobil ADC Site.

2 Well Decommissioning

2.1 Pre-field Activities

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

2.2 Well Decommissioning Activities

On September 11, 2024, Stantec observed Cascade, decommission four resource protection wells (groundwater monitoring wells), MW-A7, SUMP-1, SUMP-2, and W-2 (Appendix A).

- The Resource Protection Well Reports for well MW-A7 and sumps SUMP-1 and SUMP-2 were located and were decommissioned by chipping in place (Appendix B).
- The Resource Protection Well Report for well W-2 could not be located and was planned for decommissioning by overdrilling. Due to the presence of overhead and underground utilities, the location was determined to be unsafe to decommission by overdrilling. Cascade obtained a variance from Ecology to decommission by chipping in place (Appendix B).

The well vaults were left in place and the well casings were backfilled with hydrated bentonite chips to approximately 2 feet bgs and finished with concrete to grade.

The well construction logs (Resource Protection Well Logs and boring logs from installation) are enclosed as Appendix A. The approved variance is enclosed as Appendix B. The Resource Protection Well Reports for decommissioning are enclosed as Appendix C.



2.3 Well W-9 Correction

In August 2024, Stantec observed Cascade decommission a resource protection well that was previously identified as groundwater monitoring well W-2. Based on a review of historical records, site survey data, and well depth measurement, the decommissioned well was determined to be groundwater monitoring well W-9. The boring log from installation, Well Report Change Form, and revised Resource Protection Well Report for well W-9 are included in Appendix D.

2.4 Waste Documentation

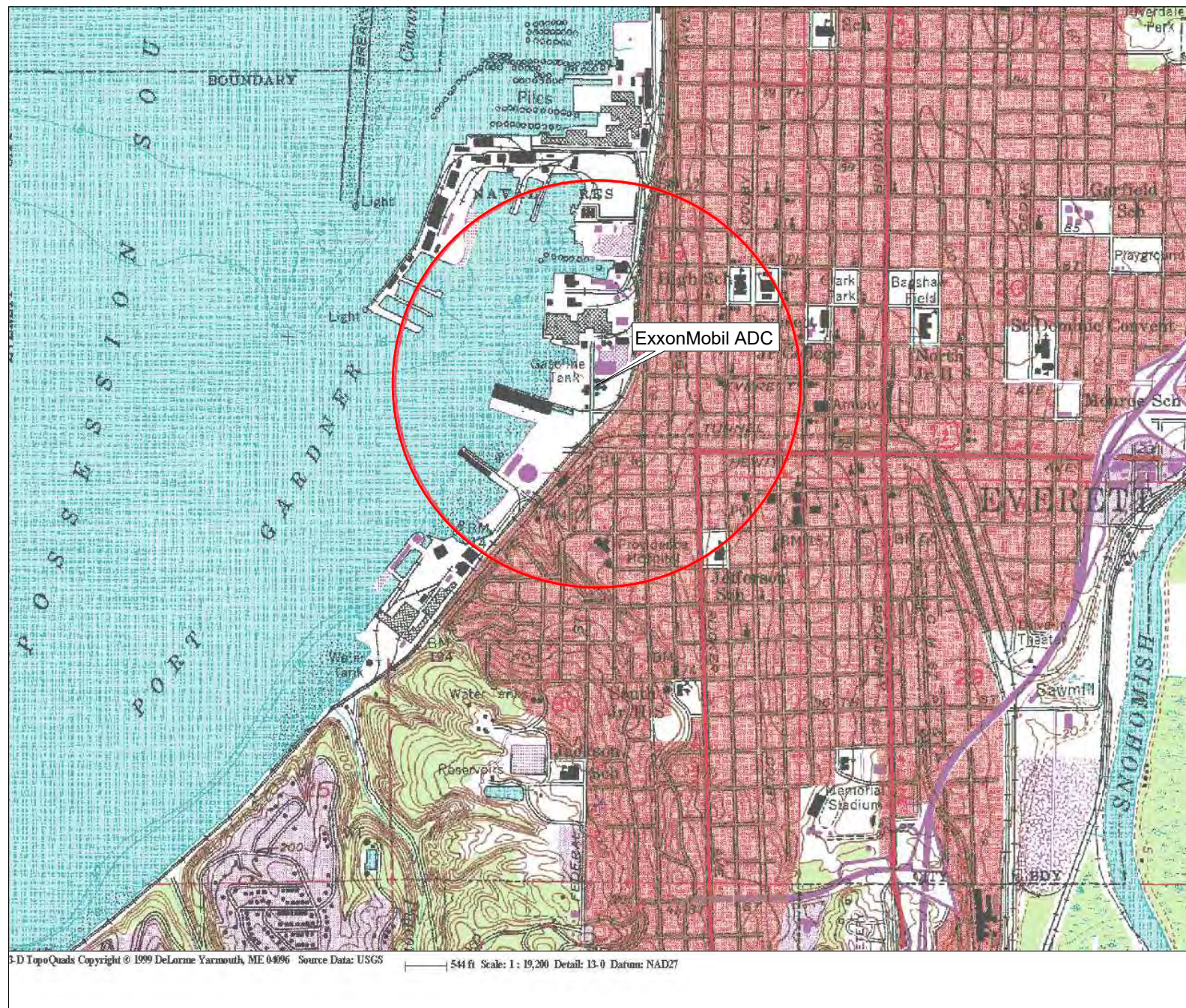
All waste generated during well decommissioning was disposed of as contractor generated construction waste by Cascade.

3 References

Washington State Department of Ecology (Ecology). December 19, 2008. WAC 173-160-460 What is the decommissioning process for resource protection wells?.

<https://app.leg.wa.gov/wac/default.aspx?cite=173-160-460>.





FN 2037237860001

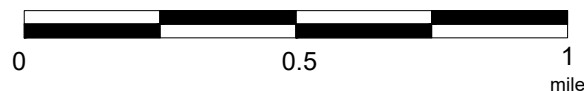
EXPLANATION



1/2-mile radius circle



APPROXIMATE SCALE



SITE LOCATION MAP

EXXONMOBIL ADC
2717/2731 Federal Avenue
Everett, Washington

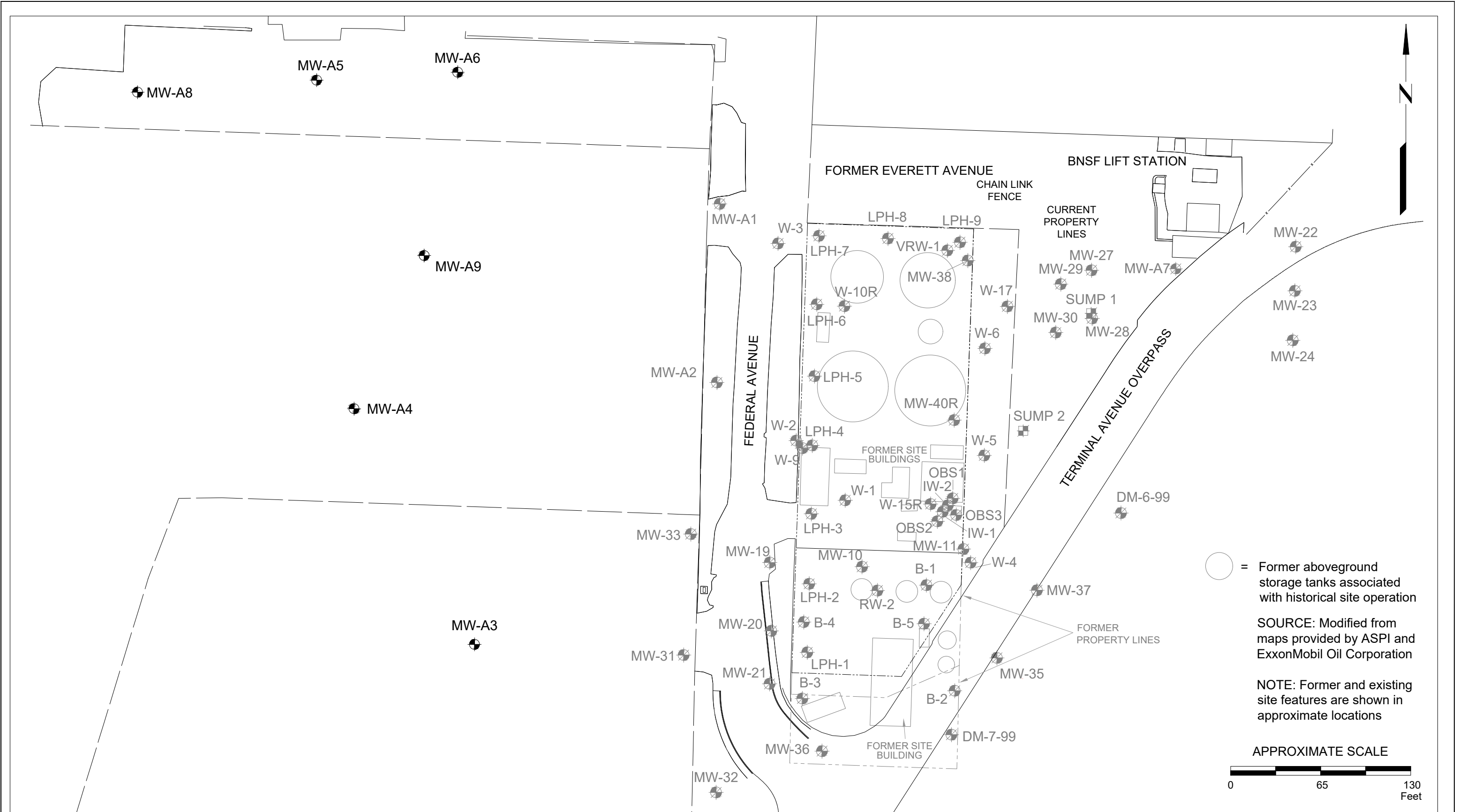
PROJECT NO.

203723786

PLATE

1

LEC: 09/16/24



FN 2037237860002



GENERALIZED SITE PLAN

EXXOMOBIL ADC
2717/2731 Federal Avenue
Everett, Washington

EXPLANATION

MW-A9 Groundwater Monitoring Well OBS3 Observation Well

SUMP 2 Destroyed Groundwater Sump

MW-38 Destroyed Groundwater Monitoring Well

PROJECT NO.

203723786

PLATE

2

RTR: 02/18/25

Appendix A Well Construction Logs



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

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

CURRENT

Notice of Intent No.

09-SE-19P
RE05086

Construction/Decommission

396 369

☒ Construction

☐ Decommission ORIGINAL INSTALLATION Notice
of Intent Number

Type of Well

☒ Resource Protection

☐ Geotechnical Soil Boring

MW-A7

Consulting Firm AMEC-Seattle

Property Owner Exxon Mobil

Site Address 2717 Federal Ave.

City Everett County 31-Snohomish

Unique Ecology Well ID

Tag No. BCT 570

Location 1/4 SE 1/4 SW Sec 19 Twn 29N R 5E or WWM

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

Materials used and the information reported above are true to my best knowledge and belief

☒ Driller ☐ Trainee Name (Print)

David Gose

Driller/Trainee Signature

Driller/Trainee License No. 2744

Tax Parcel No.

Cased or Uncased Diameter

8 1/2

Static Level 6"

Work/Decommission Start Date

12/2/2010

Work/Decommission End Date

12/2/2010

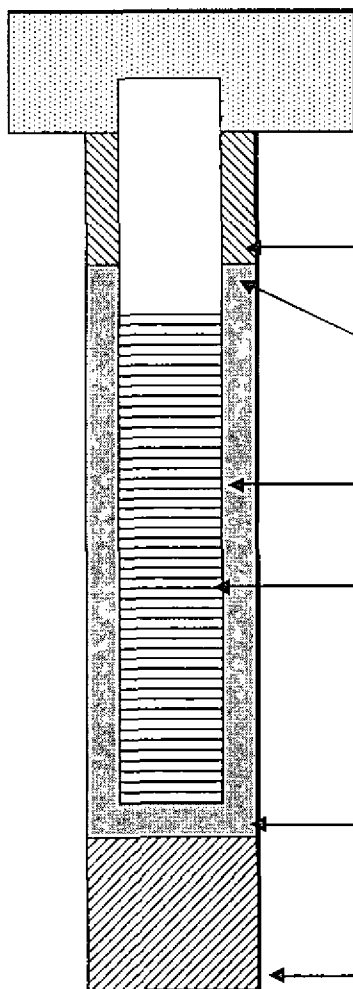
If trainee, licensed driller's

Signature and License No.

Construction/Design

Well Data W10-555B

Formation Description



Concrete Surface Seal
Depth

2'6" FT

Blank Casing (dia x dep)

2" x 5'

Material

PVC

Backfill

- FT

Type

-

Seal

6'

Material

bentonite

Gravel Pack

2'6" FT

Material

10/20 sand

Screen (dia x dep)

2" x 10'

Slot Size

.010

Material

PRE PACK

Well Depth

13 FT

Backfill

-

Material

-

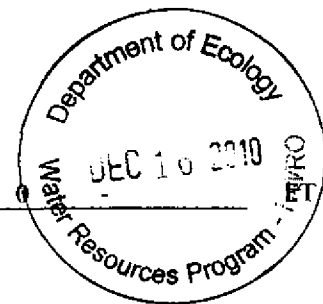
Total Hole Depth

13 FT

0 - 13' FT

brown silty sands
very soupy

0 - FT



RECEIVED

DEC 14 2010

WA State Department
of Ecology (SWRO)

Scale 1" =

Page of

ECY 050-12 (Rev 2/01)

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission

451323

☒ Construction☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number*

Consulting Firm

AMEC

Unique Ecology Well ID

Tag No. BHM. 998

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

Materials used and the information reported above are true to my best knowledge and belief

☒ Driller ☐ Trainee Name (Print)

James Goble

Driller/Trainee Signature

Driller/Trainee License No.

3131

If trainee, licensed driller's

Signature and License No.

CURRENT

Notice of Intent No.

RE07011

Type of Well

☒ Resource Protection☐ Geotechnical Soil Boring

Exxon Mobil

Property Owner

Site Address

2717 Federal Ave

City

Everett

County

Snohomish

EWM

Location

1/4 SE 1/4 SW Sec 5 TWN 29N Range SE or WWM

Lat/Long (s,t,r

Lat Deg

x

Lat Min/Sec

x

still Required)

Long Deg

x

Long Min/Sec

x

Tax Parcel No.

Cased or Uncased Diameter

24"

Static Level

1'

Work/Decommission Start Date

4-25-12

Work/Decommission End Date

4-25-12

Construction/Design

Well Data

W12-250

Formation Description

Concrete Surface Seal
Depth

6' FT

Blank Casing (dia x dep)

24"x1'
(Corrugated Mch)

Material

Backfill

4' FT

Type

Butchips

Seal

Material

Gravel Pack

5'-2" FT

Material

1 1/4" Drain Rock
(Crushed)

Screen (dia x dep)

24"x5'

Slot Size

1 1/4" slot

Material

Aluminum Corrugated Pipe

Well Depth

6' FT

Backfill

Material

Total Hole Depth

6' FT

0 - 4' FT

(Fill) Silty Sand
Debris

0 - 4' 6' FT

Dark Brown Sand,
Wood Debris
(Fill Material)

0 - FT

Scale 1" =

Page of

ECY 050-12 (Rev=v 2/01)

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission☒ Construction☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number*

451322

Consulting Firm

AMEC

Unique Ecology Well ID

Tag No. *BHM-997*

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

Materials used and the information reported above are true to my best knowledge and belief

☒ Driller ☐ Trainee Name (Print)

James Goble

Driller/Trainee Signature

Driller/Trainee License No.

3131

If trainee, licensed driller's

Signature and License No.

CURRENT

Notice of Intent No.

RE07011

Type of Well

☒ Resource Protection☐ Geotechnical Soil Boring

SUMP-2

Property Owner

Exxon Mobil

Site Address

2717 Federal Ave

City

Everett

County

Snohomish

EWM

Location

1/4 SE 1/4 SW Sec 5 TWN 29N Range SE or WWM

Lat/Long (s,t,r

Lat Deg

x

Lat Min/Sec

x

still Required)

Long Deg

x

Long Min/Sec

x

Tax Parcel No.

Cased or Uncased Diameter

24'

Static Level 2 1/2'

Work/Decommission Start Date

4.25.12

Work/Decommission End Date

4.25.12

Construction/Design

Well Data

W12-250

Formation Description

Concrete Surface Seal
Depth

1' FT

Blank Casing (dia x dep)

24" x 2'

Material

PVC (C-900)

Backfill

1/2' FT

Type

But Chips

Seal

Material

Gravel Pack

6 1/2' FT

Material

1 1/2" Drain Rock
(crushed)

Screen (dia x dep)

24" x 6'

Slot Size

1 1/4" slot, (Bawcot)

Material (C-900)

1 1/4" Drain (PVC)

Well Depth

8' FT

Backfill

Material

Total Hole Depth

8' FT

0 4' FT
Fill Silty Sand GRAVEL
(Debris)0 4' 8' FT
Wood Debris
DARK BROWN SAND
SAND GRAVEL

0 - FT

| 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: CMEC-55 Hollow Stem Auger Logged by: G. Stuesse Hole Diameter: 7" Installation Data: (See Below) Page No: 1 of 1 | | | |
|------------------------------|----------------|----------|--------------------------------------|--------------------------|------------------------------------|---|-------|-------|-----------|
| Field location of boring: | | | | | | Water Level | Time: | Date: | Comments: |
| Depth (ft) | Graphic Log | Blow/ft | Vapor Concen- tration (ppm) | Sample type and Depth | Soil Group Symbol (U.S.C.S.) | | | | |
| 0 - | | 11 | 60 | Ring @ 3.0' | SW | 0-3" Gravel; degraded asphalt. | | | |
| 2 - | | | | | | 3-5" Sand, fine-coarse, grey, loose, very moist, occasional fine gravel, slight-moderate oily odor, dark brown, oily film on outside of sampler. | | | |
| 4 - | | | | | | | | | |
| 6 - | | | | | | 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 - | | | | | | 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 - | | | | | | 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' | | | | 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' | | | |

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/>
- **Chapter 43.21B RCW – Environmental Hearings Office – Pollution Control Hearings Board**
<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

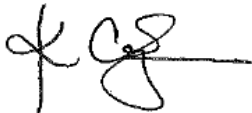
Accommodation Requests

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

From: [Philip, Noel \(ECY\)](#)
To: [Joseph Mesuda](#); [Thompson, Robert](#)
Cc: [Kasey Goble](#); [Cole, Laina](#); [Rains, Ryan](#); [Pozzuto, Ryan](#)
Subject: RE: Stantec - EcconMobil_ADC Variance Request
Date: Friday, August 30, 2024 10:59:51 AM
Attachments: [~WRD0002.jpg](#)

Some people who received this message don't often get email from nphi461@ecy.wa.gov. [Learn why this is important](#)

Hi, Joe. Sounds like you have an excellent grasp on what occurred on site, and how to correct the situation, so I'll leave it to you to correct the paperwork.

Consider this email approval of your plan, adding the newly discovered well to the variance granted Aug 16, 2023.

Thanks, and have a great weekend.

Noel

*Noel S. Philip, LHG (he/el)
Well Construction Coordinator
Water Resources Program
Washington State Department of Ecology
Northwest Region Office
15700 Dayton Ave N 98133
Shoreline, WA
(206) 594-0195 office
nphi461@ecy.wa.gov
(425) 200-8951 mobile
(206) 366-7810 fax*

*Mailing Address:
Washington State Department of Ecology
Northwest Region Office
Attn: Well Construction
PO Box 330316
Shoreline, WA 98133-9716*

Electronic mail is subject to public record requests.

Please note that this email is intended to provide you with my judgment as to the opinions and

information it contains. It is, however, not a formal opinion or determination of the Department of Ecology that is legally binding, and I cannot guarantee its accuracy or completeness. Water resources in Washington State are a particularly complex area of law and science, and are subject to numerous interpretations. To obtain further information or legal advice, you may wish to contact an attorney or a professional who is knowledgeable in the area.



This is not the e-mail you are trying to print. Move along.

From: Joseph Mesuda <jmesuda@cascade-env.com>
Sent: Thursday, August 29, 2024 2:12 PM
To: Thompson, Robert <robert.thompson@stantec.com>; Philip, Noel (ECY) <NPHI461@ECY.WA.GOV>
Cc: Kasey Goble <kgoble@cascade-env.com>; Cole, Laina <laina.cole@stantec.com>; Rains, Ryan <Ryan.Rains@stantec.com>; Pozzuto, Ryan <ryan.pozzuto@stantec.com>
Subject: RE: Stantec - EcconMobil_ADC Variance Request

External Email

Noel,

What was thought to be W-2 was decommissioned under this variance in September 2023. Stantec found another well on-site recently that was actually identified as W-2.

We are looking to decommission W-2 for the same reasons as the initial variance (proximal utilities). Whether we can add it to the existing variance or get a new variance we are just looking to get confirmation before we are on-site again 9/4/24.

Once the well mistakenly identified as W-2 in the original variance is identified Cascade can make the necessary well log corrections and submit those to ecology.

Thanks,
Joe

Joe Mesuda | Project Manager

CASCADE

19404 Woodinville Snohomish RD NE, Woodinville, WA 98072

O: (206)-401-8064 | EXT 2115 | M: (845)-264-3225 | JMESUDA@CASCADE-ENV.COM

From: Thompson, Robert <robert.thompson@stantec.com>
Sent: Thursday, August 29, 2024 11:52 AM
To: Philip, Noel (ECY) <NPHI461@ECY.WA.GOV>
Cc: Joseph Mesuda <jmesuda@cascade-env.com>; Kasey Goble <kgoble@cascade-env.com>; Cole,

Laina <laina.cole@stantec.com>; Rains, Ryan <Ryan.Rains@stantec.com>; Pozzuto, Ryan <ryan.pozzuto@stantec.com>

Subject: RE: Stantec - EcconMobil_ADC Variance Request

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Hello Noel,

Cascade Drilling can correct me if I am wrong, but I believe the goal was to add the well to the attached variance that was issued in September of 2023. Otherwise, we would be seeking verbal approval and a subsequent official variance to abandon the well on the 5th of September.

Thank you,
Bobby

Bobby Thompson

Direct: 206 510-5855
Mobile: 208 761-1557
robert.thompson@stantec.com

Stantec
720 Third Avenue Suite 1500
Seattle WA 98104-1878



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Please consider the environment before printing this email.

From: Philip, Noel (ECY) <NPHI461@ECY.WA.GOV>

Sent: Thursday, August 29, 2024 11:03 AM

To: Thompson, Robert <robert.thompson@stantec.com>

Cc: Joseph Mesuda <jmesuda@cascade-env.com>; Kasey Goble <kgoble@cascade-env.com>; Cole, Laina <laina.cole@stantec.com>; Rains, Ryan <Ryan.Rains@stantec.com>; Pozzuto, Ryan <ryan.pozzuto@stantec.com>

Subject: RE: Stantec - EcconMobil_ADC Variance Request

Hi, Bobby. Is the existing variance one you have in hand that needs updating, or is it one yet to be delivered after a verbal approval?

Noel

*Noel S. Philip, LHG (he/el)
Well Construction Coordinator
Water Resources Program
Washington State Department of Ecology*

Northwest Region Office
15700 Dayton Ave N 98133
Shoreline, WA
(206) 594-0195 office
nphi461@ecy.wa.gov
(425) 200-8951 mobile
(206) 366-7810 fax

Mailing Address:

Washington State Department of Ecology
Northwest Region Office
Attn: Well Construction
PO Box 330316
Shoreline, WA 98133-9716

Electronic mail is subject to public record requests.

Please note that this email is intended to provide you with my judgment as to the opinions and information it contains. It is, however, not a formal opinion or determination of the Department of Ecology that is legally binding, and I cannot guarantee its accuracy or completeness. Water resources in Washington State are a particularly complex area of law and science, and are subject to numerous interpretations. To obtain further information or legal advice, you may wish to contact an attorney or a professional who is knowledgeable in the area.



This is not the e-mail you are trying to print. Move along.

From: Thompson, Robert <robert.thompson@stantec.com>

Sent: Wednesday, August 28, 2024 5:35 PM

To: Philip, Noel (ECY) <NPHI461@ECY.WA.GOV>

Cc: Joseph Mesuda <jmesuda@cascade-env.com>; Kasey Goble <kgoble@cascade-env.com>; Cole, Laina <laina.cole@stantec.com>; Rains, Ryan <Ryan.Rains@stantec.com>; Pozzuto, Ryan <ryan.pozzuto@stantec.com>

Subject: Stantec - ExxonMobil_ADC Variance Request

External Email

Hello Noel,

I hope you are doing well. You issued the attached variance to abandon monitoring wells at the ExxonMobil_ADC site approximately 1 year ago. While wrapping up a remedial excavation, we encountered another monitoring well that needs to be abandoned. We are very confident the well we encountered is W-2 that we *thought* we located/abandoned as part of the 2023 well abandonment event.

Would it be possible to add the well located today (W-2) to the existing variance? If not, can you issue a new variance for the abandonment of the identified well? Rationale for the abandonment/variance is included in the attached word file. The well is directly beneath overhead power/telecommunications; thus, over-drilling is not possible.

The well is 2-inches in diameter and 23-feet deep.

Cascade is going to be onsite September 4th to perform some other work, so if we could have the variance in place by then, that would be greatly appreciated.

Please do not hesitate to give me a call to discuss.

Thank you,

Bobby

Bobby Thompson

Direct: 206 510-5855

Mobile: 208 761-1557

robert.thompson@stantec.com

Stantec

720 Third Avenue Suite 1500

Seattle WA 98104-1878



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Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

Caution: This email originated from outside of Stantec. Please take extra precaution.

Attention: Ce courriel provient de l'extérieur de Stantec. Veuillez prendre des précautions supplémentaires.

Atención: Este correo electrónico proviene de fuera de Stantec. Por favor, tome precauciones adicionales.

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. **RE05086**

Ecology Well ID Tag No. **BCT 570**

Site Well Name **MW-A7**

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. **AE84249**

Type of Well:

☒ Resource Protection Well

☐ Remediation Well

☐ Geotechnical Soil Boring

☐ Environmental Boring

☐ Injection Point

☐ Grounding Well

☐ Ground Source Heat Pump

☐ Other _____


☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner **Burlington Northern RR**

Well Street Address **2717 Federal Ave**

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

Tax Parcel No. **00437161901702**

Location (see instructions): WWM ☐ or EWM ☒

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

Latitude (Example: 47.12345) **47.98166**

Longitude (Example: -120.12345) **-122.21692**

(WGS 84 Coordinate System)

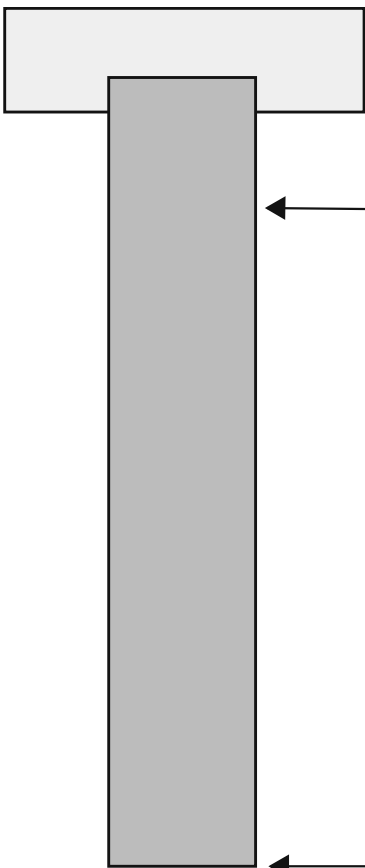
Borehole diameter _____ inches Casing diameter **2"** inches

Static water level **1'** 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 **9/11/2024** Completed Date **9/11/2024**

| Construction Design | Well Data | Driller's Log |
|--|---|---|
|  | Concrete Surface Seal Depth 2 FT | 0 - 23 FT Chip in place 2" well |
| | Backfill 21 FT Bentonite Chips | - FT |
| <div style="border: 1px solid black; padding: 5px; text-align: center;"> DEPT OF ECOLOGY WELL TAG BCT 570 CLIENT WELL ID MW-A7 </div> | | |
| | Total Hole Depth 23 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. **RE07011**

Ecology Well ID Tag No. **BHM 997**

Site Well Name **SUMP-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. **AE84249**

Type of Well:

☒ Resource Protection Well

☐ Remediation Well

☐ Geotechnical Soil Boring

☐ Environmental Boring

☐ Injection Point

☐ Grounding Well

☐ Ground Source Heat Pump

☐ Other _____


☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner **Burlington Northern RR**

Well Street Address **2717 Federal Ave**

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

Tax Parcel No. **00437161901702**

Location (see instructions): WWM ☐ or EWM ☒

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

Latitude (Example: 47.12345) **47.98166**

Longitude (Example: -120.12345) **-122.21692**

(WGS 84 Coordinate System)

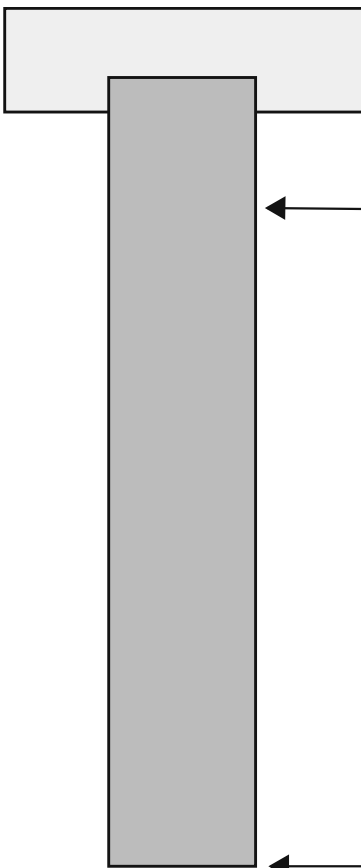
Borehole diameter _____ inches Casing diameter **24"** inches

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 **9/11/2024** Completed Date **9/11/2024**

| Construction Design | Well Data | Driller's Log |
|---|--|-------------------------------|
|  | Concrete Surface Seal Depth 1 FT | 0 - 6 FT |
| | Backfill 5 FT Bentonite Chips | Chip in Place 24" SUMP |
| <div style="border: 1px solid black; padding: 5px; text-align: center;"> DEPT OF ECOLOGY WELL TAG BHM 997 CLIENT WELL ID SUMP-1 </div> | | |
| | Total Hole Depth 6 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. **RE07011**

Ecology Well ID Tag No. **BHM 998**

Site Well Name **SUMP-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. **AE84249**

Type of Well:

☒ Resource Protection Well

☐ Remediation Well

☐ Geotechnical Soil Boring

☐ Environmental Boring

☐ Injection Point

☐ Grounding Well

☐ Ground Source Heat Pump

☐ Other _____


☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner **Burlington Northern RR**

Well Street Address **2717 Federal Ave**

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

Tax Parcel No. **00437161901702**

Location (see instructions): WWM ☐ or EWM ☒

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

Latitude (Example: 47.12345) **47.98166**

Longitude (Example: -120.12345) **-122.21692**

(WGS 84 Coordinate System)

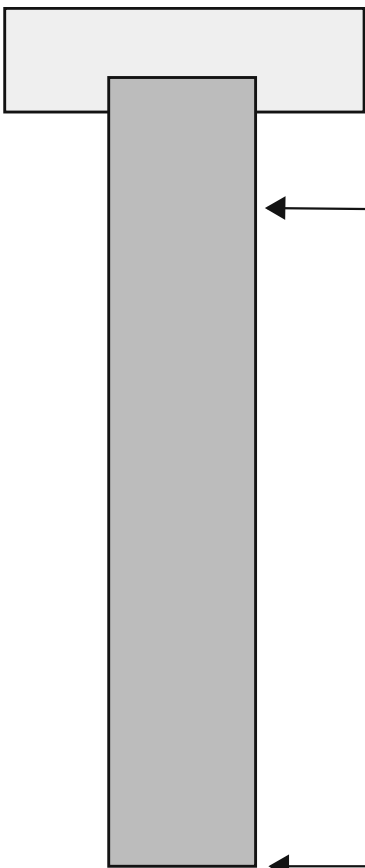
Borehole diameter _____ inches Casing diameter **24"** inches

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 **9/11/2024** Completed Date **9/11/2024**

| Construction Design | Well Data | Driller's Log |
|---|--|-------------------------------|
|  | Concrete Surface Seal Depth 1 FT | 0 - 6 FT |
| | Backfill 5 FT Bentonite Chips | Chip in Place 24" SUMP |
| <div style="border: 1px solid black; padding: 5px;"> DEPT OF ECOLOGY WELL TAG BHM 998 CLIENT WELL ID SUMP-2 </div> | | |
| | Total Hole Depth 6 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-2

Consulting Firm Stantec Consulting

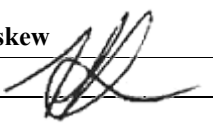
Was a variance approved for this well/boring? ☒ Yes ☐ No

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. AE84249

Type of Well:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Resource Protection Well | <input type="checkbox"/> Injection Point |
| <input type="checkbox"/> Remediation Well | <input type="checkbox"/> Grounding Well |
| <input type="checkbox"/> Geotechnical Soil Boring | <input type="checkbox"/> Ground Source Heat Pump |
| <input type="checkbox"/> Environmental Boring | <input type="checkbox"/> Other _____ |

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner Burlington Northern RR

Well Street Address 2717 Federal Ave

City Everett County Snohomish

Tax Parcel No. 00437161901702

Location (see instructions): SW 1/4-1/4 SE 1/4, Section 19 Town 29N Range 5E

Latitude (Example: 47.12345) 47.98166

Longitude (Example: -120.12345) -122.21692

(WGS 84 Coordinate System)

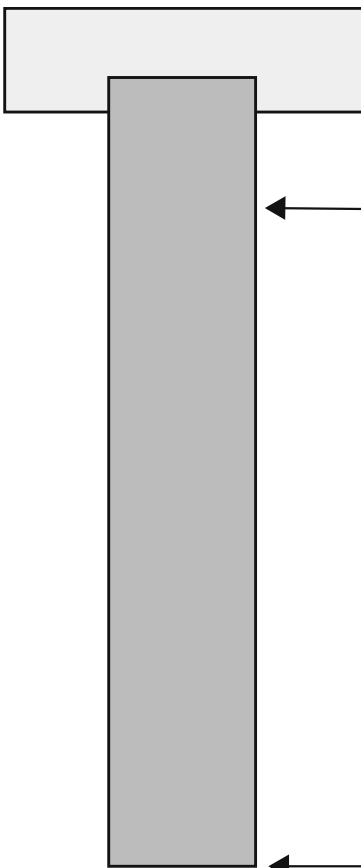
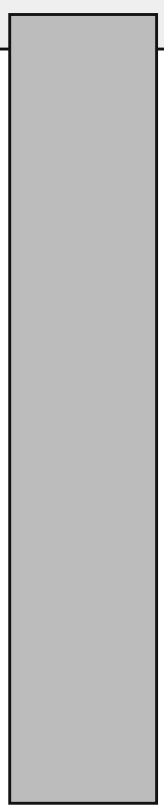
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 1' 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 9/11/2024 Completed Date 9/11/2024

| Construction Design | Well Data | Driller's Log |
|--|---|--|
|  | <p>Concrete Surface Seal Depth <u>2</u> FT</p> <p>Backfill <u>11</u> FT</p> <p style="text-align: center;"><u>Bentonite Chips</u></p> | <p style="text-align: center;"><u>0</u> - <u>13</u> FT</p> <p>Chip in place 2" well</p> <p style="text-align: center;"><u>-</u> FT</p> |
| <div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: 80%;"> DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>W-2</u> </div> | | |
|  | <p>Total Hole Depth <u>13</u> FT</p> | |

Appendix D Well W-9 – Boring Log, Change Form, and Well Report



[illegible]



Water Resources Program Well Report Change Form

Record any changes made to the Well Report record on this form. Asterisks (*) indicate required fields. This form is to be appended to the well report image and filed with the original well report.

This Well Report has been changed on: 10/30/2024
*Month Day *Year

Well Information

* ☐ Not in Notice of Intent System (NITS) * ☐ Well Report ID Number: _____
*Regional Office: ☐ CRO ☐ ERO ☐ NWRO ☐ RFO ☐ SWRO ☐ HQ
*Well Type: ☐ Water Well ☐ Resource Protection Well ☐ Other _____
*Notice of Intent Number: _____ *Unique Ecology Well ID Tag Number: _____
Current Property Owner Name: _____
*Well Site Street Address: _____ *City: _____ *County: _____ *Zip: _____

Well Location

*Tax parcel number: _____
*Township: _____ *Range: _____ *E ☐ or *W ☐ *Section: _____ *in the _____¹/₄-¹/₄ of * _____¹/₄
Latitude: _____ Decimal Degrees (valid range is 45.33186 to 49.11587)
Longitude: _____ West Decimal Degrees (valid range is 116.91148 to 124.70419)
Horizontal Collection Method: _____ Vertical Collection Method: _____
Horizontal Collection Datum Type: _____ Vertical Datum Type: _____


Original Reported Type of Work

*New Well ☐ Decommissioning ☐ Deepened ☐
*Well Diameter: _____ inches Well Depth: 7.5 feet
*Well Report Received Date ____/____/____ Completed Date: ____/____/____

Driller Information

Driller License Number: _____ Trainee License Number: _____ Other (specify): _____

Change Information

*Person Requesting Change: Stacey Atteberry _____ Contact Phone Number: 206.401.8068 _____
*Reason for Change: Site Well Name is now W-9 not W-2, depth is 7.5 _____ Date: 10/30/2024 _____
*Tracker Signature:  _____ Date: 10/30/2024 _____

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. n/a

Ecology Well ID Tag No. n/a

Site Well Name ~~W-2~~ W-9

Consulting Firm Stantec Consulting

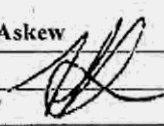
Was a variance approved for this well/boring? ☒ Yes ☐ No

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 _____
 \hookrightarrow ☐ 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 $\frac{1}{4}$ - $\frac{1}{4}$ 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)

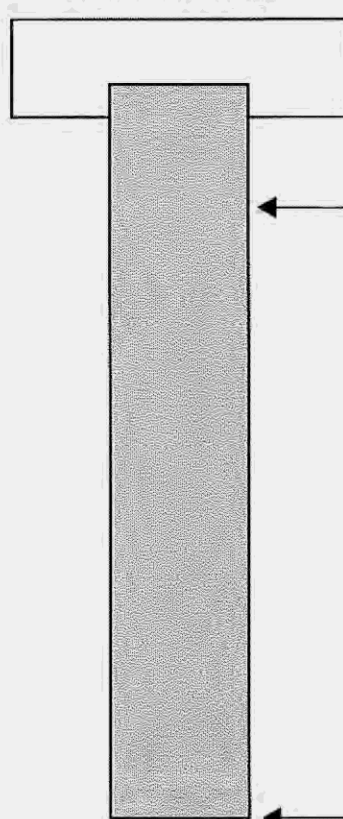
Borehole diameter _____ inches Casing diameter 2" inches

Static water level 2' 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 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</u> - <u>23</u> <u>7.5</u> FT |
| | Backfill <u>23 5.5</u> FT Bentonite Chips _____ FT | Chip in place 2" well _____ _____ FT |
| <div style="border: 1px solid black; padding: 5px; text-align: center;"> DEPT OF ECOLOGY WELL TAG <u>n/a</u> CLIENT WELL ID <u>W-2 W-9</u> </div> | | |
| Total Hole Depth <u>23 7.5</u> FT | <div style="text-align: right;"> Department of Ecology JAN 09 2024 Water Resources Program </div> | |



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