WATERTECTONICS

CSWGP PERMIT COVERAGE AND SWPPP PREPARATION

NEBC MANAGING STORMWATER IN WA MARCH 3, 2026

INNOVATIONS IN WATER | WWW.WATERTECTONICS.COM

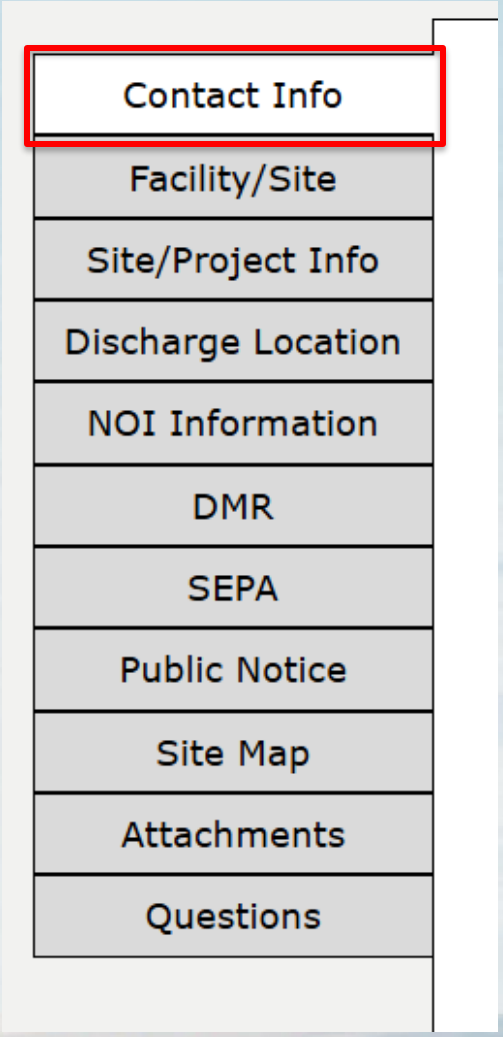
Outline

- CSWGP Notice of Intent (NOI)
- Reporting
  - Site contamination considerations
  - Discharge Monitoring Reports (DMRs)
- Stormwater Pollution Prevention Plan (SWPPP)

Notice of Intent

- Notice of Intent (NOI) for Construction Stormwater General Permit coverage
  - Basic Requirements
  - Outfall Location Determination
  - Public Notice
  - Site contamination and Administrative Order (AO)

NOI Requirements



Contact Information

- Permittee, Site Contact, Site Owner
  - Determining the Certification of Permittee
    - Point of contact for signing all documentation related to the permit
- Name, Organization, Title, Mailing Address, Email, Phone

NOI Requirements

- Contact Info
- Facility/Site
- Site/Project Info
- Discharge Location
- NOI Information
- DMR
- SEPA
- Public Notice
- Site Map
- Attachments
- Questions

Facility/Site and Site/Project Information

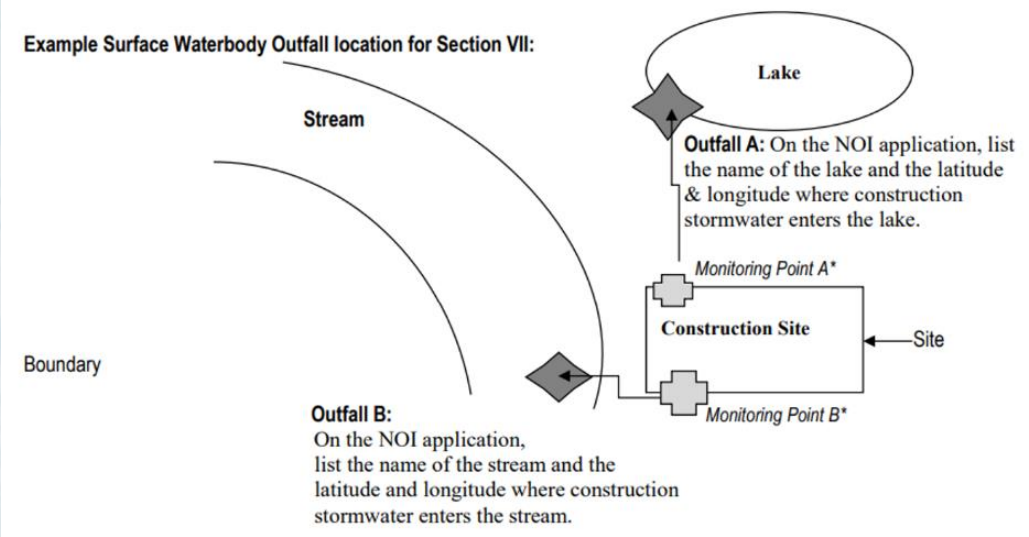
- Site Location
- Project/Site Size vs Soil Disturbance Size
- Amount of poured concrete or recycled concrete
- Soil and/or groundwater contamination

NOI Requirements

- Contact Info
- Facility/Site
- Site/Project Info
- **Discharge Location**
- NOI Information
- DMR
- SEPA
- Public Notice
- Site Map
- Attachments
- Questions

Discharge Location – Stormwater discharge maps

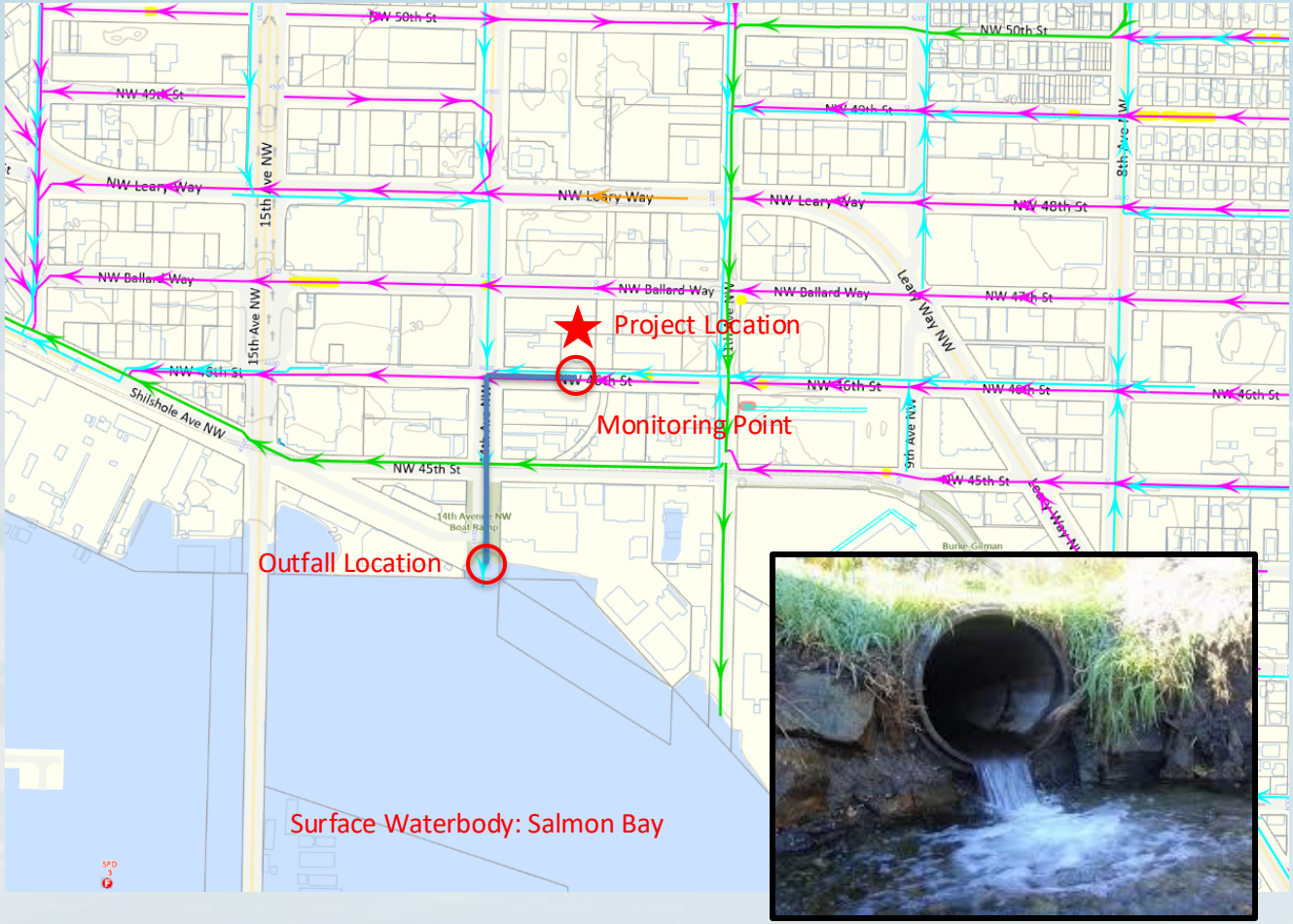
- DOE Map Resource: Water Quality Atlas



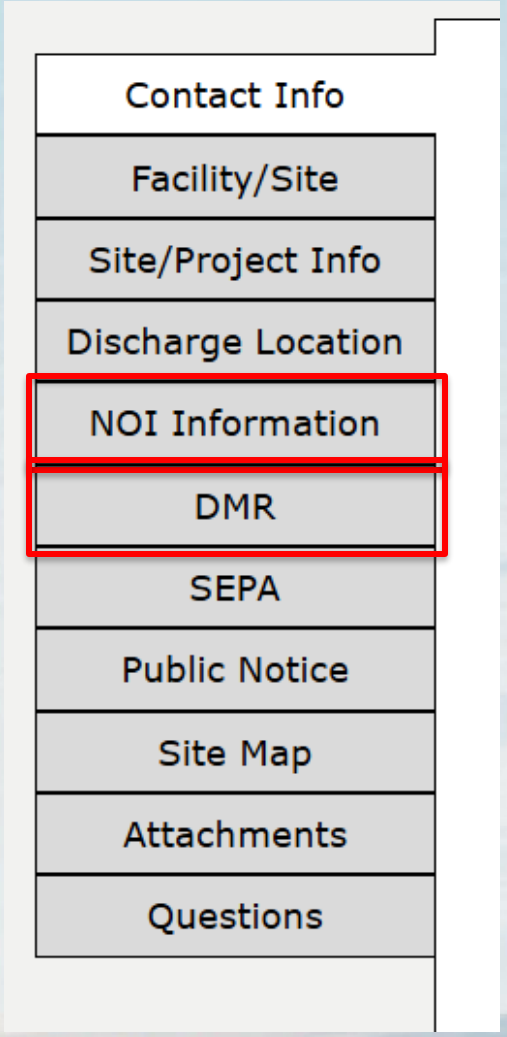
Locating Outfalls

Seattle Public Utilities (SPU)

DSO Water & Sewer Map



NOI Requirements



Stormwater Pollution Prevention Plan (SWPPP)
You must develop a SWPPP prior to starting construction. Do **not** submit your SWPPP with your application. The exception is that Ecology may request a copy of all or part of your SWPPP if you answered yes to the questions under the Site Conditions heading on the Site/Project Info tab.

☑ I have read and agree to the information above

Best Management Practices (BMPs)
You must use the BMPs listed in the Stormwater Management Manual for Western Washington or the Stormwater Management Manual for Eastern Washington or other manuals approved by Ecology. Alternatively, you may use demonstrably equivalent BMPs on the basis of permit condition S9.C.4. If you intend to use a BMP at your site that is not included in these manuals, but that you believe meets the definition of a demostrably equivalent BMP, you must notify the appropriate regional office. (See Definitions in the Construction Stormwater General Permit).

Note that if you receive permit coverage without indicating the preference for a demostrably equivalent BMP and later decide to use one, you must provide Ecology with notice of the selection of an equivalent BMP no less than 60 days before the intended use of the equivalent BMP.

https://ecology.wa.gov/Construction-stormwater-permit

☑ I have read and agree to the information above

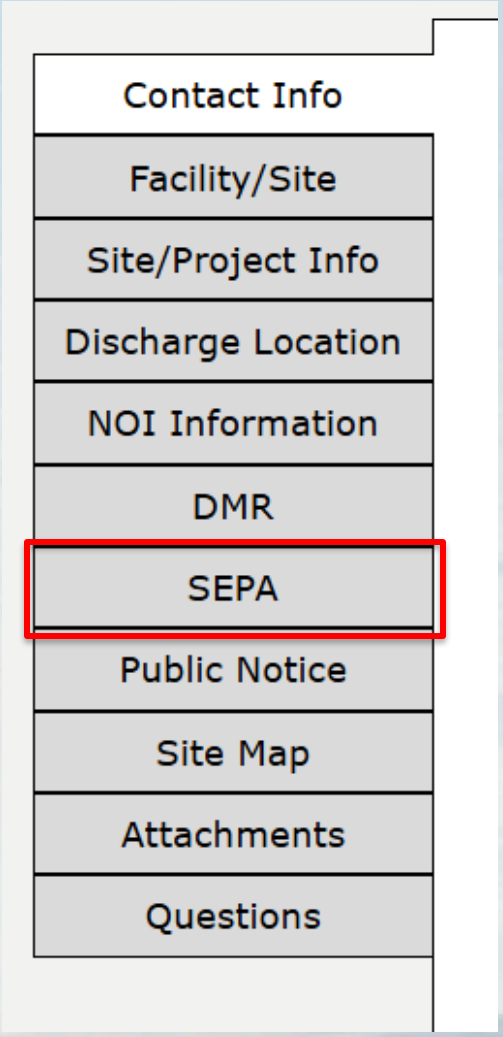
Discharge Monitoring Reports (DMRs)

Permittees must submit monitoring data using Ecology's WQWebDMR program.

To sign up for WQWebDMR, or to register a new site, go to https://ecology.wa.gov/WQWebPortal#dmr. If you are unable to submit your DMRs electronically, you may contact Ecology to request a waiver. Ecology will generally only grant waiver requests to those permittees without internet access. Only a permittee or representative, designated in writing, may request access to or a waiver from WQWebDMR. If you have questions on this process, contact Ecology's WQWebDMR staff at WQWebPortal@ecy.wa.gov or 1-800-633-6193, Option 3 (toll free).

☑ I have read and agree to the information above

NOI Requirements



SEPA (State Environmental Policy Act) Determination

- Has there been a decision made on the SEPA checklist?
- Who is the SEPA lead agency on your site?
- Final decision on the checklist
- Date of final SEPA decision
- End of comment or appeal period

SEPA Determination

Step 1: Determine the SEPA lead agency to the site

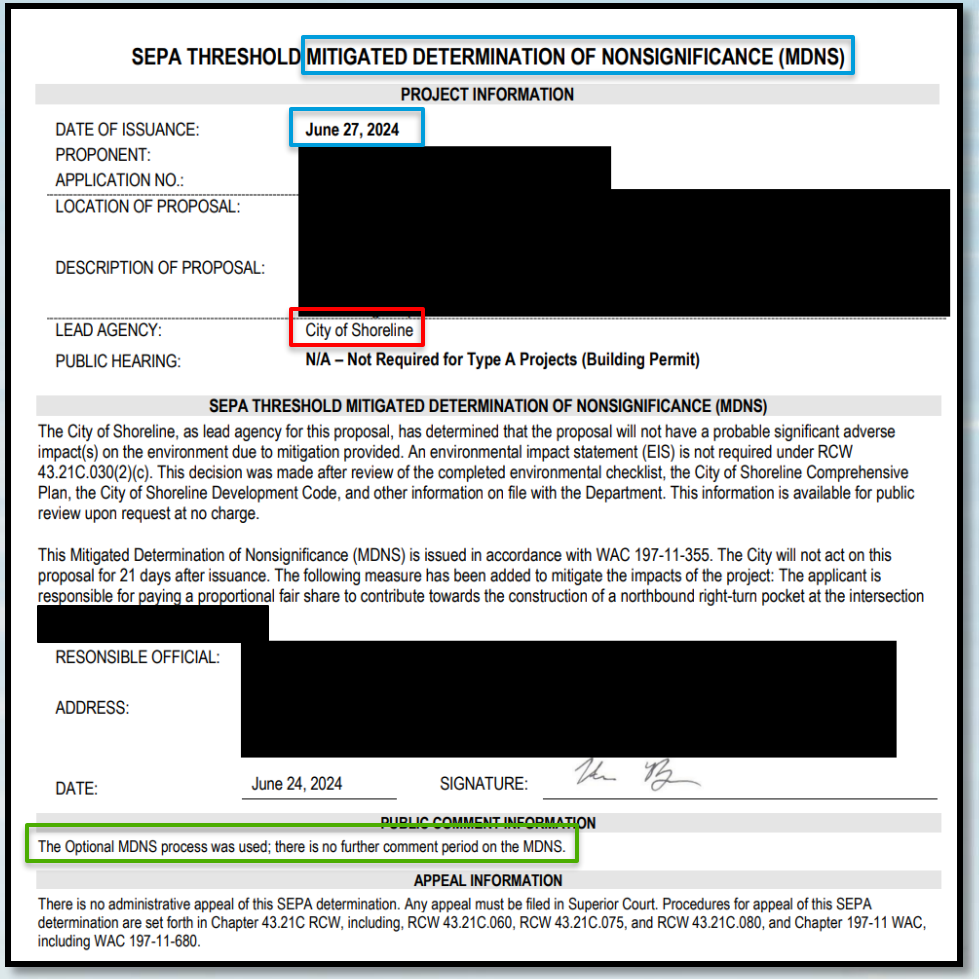
City of Shoreline

Step 2: Final decision and final date of decision on checklist

MDNS, June 27,2024

Step 3: End of comment/appeal period

June 27,2024



SEPA THRESHOLD MITIGATED DETERMINATION OF NONSIGNIFICANCE (MDNS)

PROJECT INFORMATION

DATE OF ISSUANCE: June 27, 2024
PROPONENT: [redacted]
APPLICATION NO.: [redacted]
LOCATION OF PROPOSAL: [redacted]
DESCRIPTION OF PROPOSAL: [redacted]
LEAD AGENCY: City of Shoreline
PUBLIC HEARING: N/A – Not Required for Type A Projects (Building Permit)

SEPA THRESHOLD MITIGATED DETERMINATION OF NONSIGNIFICANCE (MDNS)

The City of Shoreline, as lead agency for this proposal, has determined that the proposal will not have a probable significant adverse impact(s) on the environment due to mitigation provided. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of the completed environmental checklist, the City of Shoreline Comprehensive Plan, the City of Shoreline Development Code, and other information on file with the Department. This information is available for public review upon request at no charge.

This Mitigated Determination of Nonsignificance (MDNS) is issued in accordance with WAC 197-11-355. The City will not act on this proposal for 21 days after issuance. The following measure has been added to mitigate the impacts of the project: The applicant is responsible for paying a proportional fair share to contribute towards the construction of a northbound right-turn pocket at the intersection [redacted]

RESONSIBLE OFFICIAL: [redacted]
ADDRESS:
DATE: June 24, 2024 SIGNATURE:

PUBLIC COMMENT INFORMATION

The Optional MDNS process was used; there is no further comment period on the MDNS.

APPEAL INFORMATION

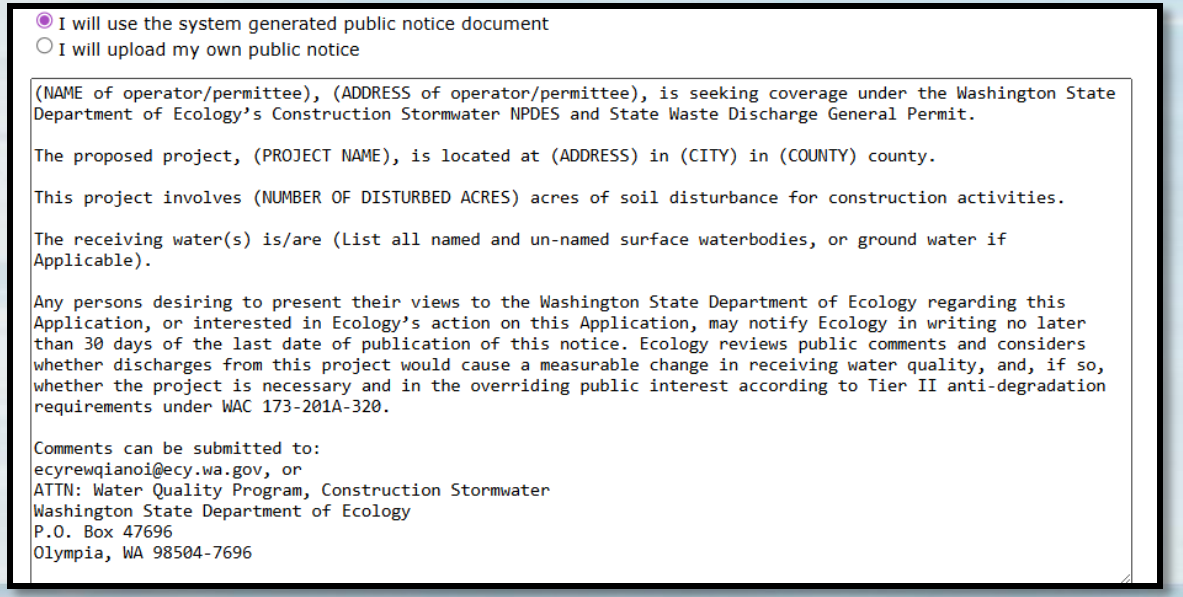
There is no administrative appeal of this SEPA determination. Any appeal must be filed in Superior Court. Procedures for appeal of this SEPA determination are set forth in Chapter 43.21C RCW, including, RCW 43.21C.060, RCW 43.21C.075, and RCW 43.21C.080, and Chapter 197-11 WAC, including WAC 197-11-680.

NOI Requirements

- Contact Info
- Facility/Site
- Site/Project Info
- Discharge Location
- NOI Information
- DMR
- SEPA
- **Public Notice**
- Site Map
- Attachments
- Questions

Public Notice

- **Submit NOI before publishing the public notice**
- Publish twice, once a week for two consecutive weeks, following a 30-day public comment period
- Submission of Certification of Permittee



◉ I will use the system generated public notice document
○ I will upload my own public notice

(NAME of operator/permittee), (ADDRESS of operator/permittee), is seeking coverage under the Washington State Department of Ecology's Construction Stormwater NPDES and State Waste Discharge General Permit.

The proposed project, (PROJECT NAME), is located at (ADDRESS) in (CITY) in (COUNTY) county.

This project involves (NUMBER OF DISTURBED ACRES) acres of soil disturbance for construction activities.

The receiving water(s) is/are (List all named and un-named surface waterbodies, or ground water if Applicable).

Any persons desiring to present their views to the Washington State Department of Ecology regarding this Application, or interested in Ecology's action on this Application, may notify Ecology in writing no later than 30 days of the last date of publication of this notice. Ecology reviews public comments and considers whether discharges from this project would cause a measurable change in receiving water quality, and, if so, whether the project is necessary and in the overriding public interest according to Tier II anti-degradation requirements under WAC 173-201A-320.

Comments can be submitted to:
ecyrewqianoi@ecy.wa.gov, or
ATTN: Water Quality Program, Construction Stormwater
Washington State Department of Ecology
P.O. Box 47696
Olympia, WA 98504-7696

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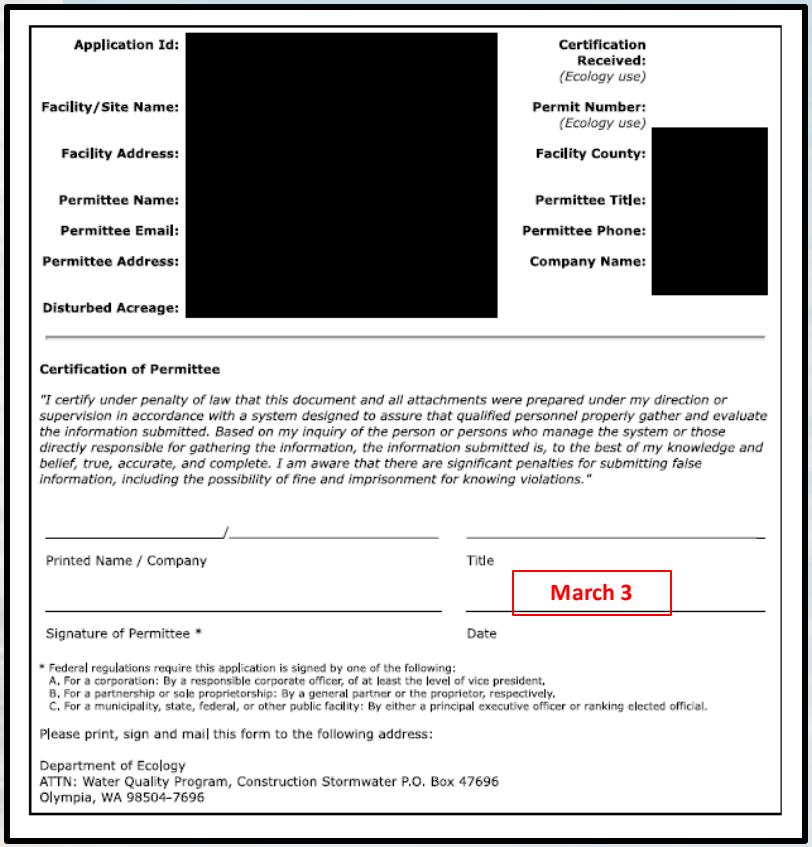


Application Id: [redacted]

Certification Received: *(Ecology use)*

Facility/Site Name:

Permit Number: *(Ecology use)*

Facility Address:

Facility County:

Permittee Name:

Permittee Title:

Permittee Email:

Permittee Phone:

Permittee Address:

Company Name:

Disturbed Acreage:

Certification of Permittee

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

_____/_____ _____

Printed Name / Company Title

March 3

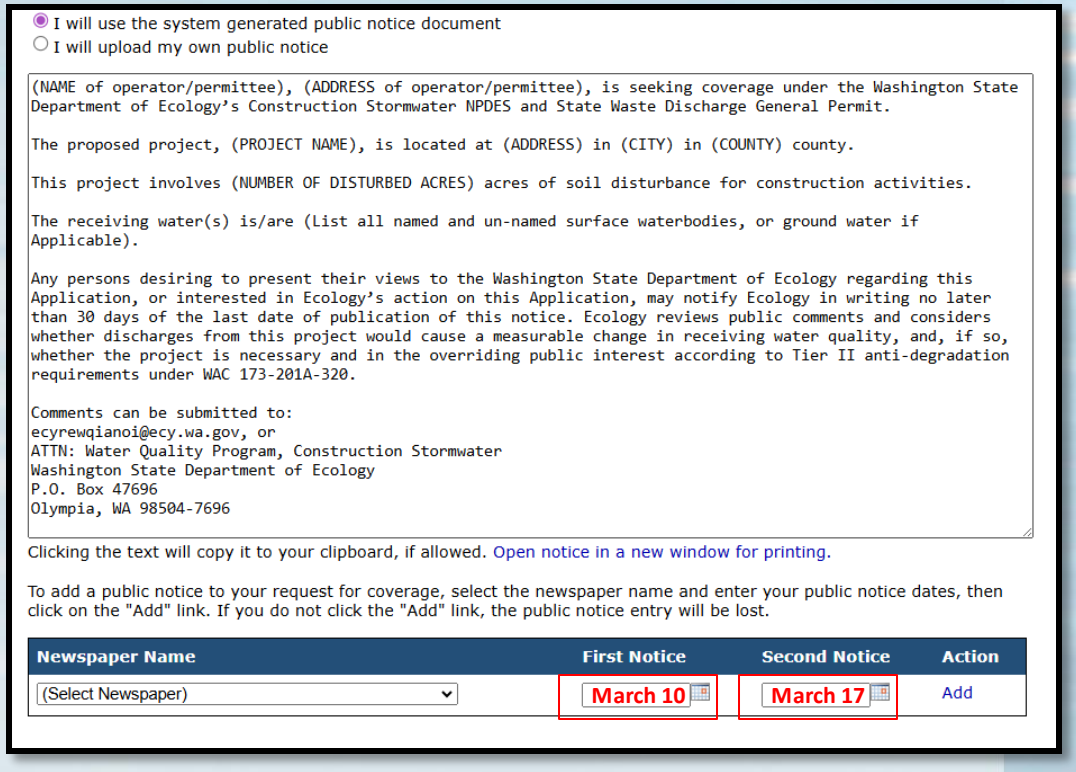
_____ _____

Signature of Permittee * Date

* Federal regulations require this application is signed by one of the following:
A. For a corporation: By a responsible corporate officer, of at least the level of vice president.
B. For a partnership or sole proprietorship: By a general partner or the proprietor, respectively.
C. For a municipality, state, federal, or other public facility: By either a principal executive officer or ranking elected official.

Please print, sign and mail this form to the following address:

Department of Ecology
ATTN: Water Quality Program, Construction Stormwater P.O. Box 47696
Olympia, WA 98504-7696



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ATTN: Water Quality Program, Construction Stormwater
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P.O. Box 47696
Olympia, WA 98504-7696

Clicking the text will copy it to your clipboard, if allowed. Open notice in a new window for printing.

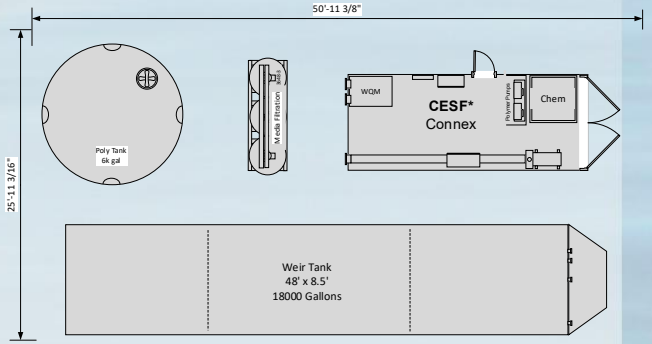
To add a public notice to your request for coverage, select the newspaper name and enter your public notice dates, then click on the "Add" link. If you do not click the "Add" link, the public notice entry will be lost.

Newspaper Name	First Notice	Second Notice	Action
(Select Newspaper)	March 10	March 17	Add

NOI Requirements

- Contact Info
- Facility/Site
- Site/Project Info
- Discharge Location
- NOI Information
- DMR
- SEPA
- Public Notice
- Site Map
- Attachments
- Questions

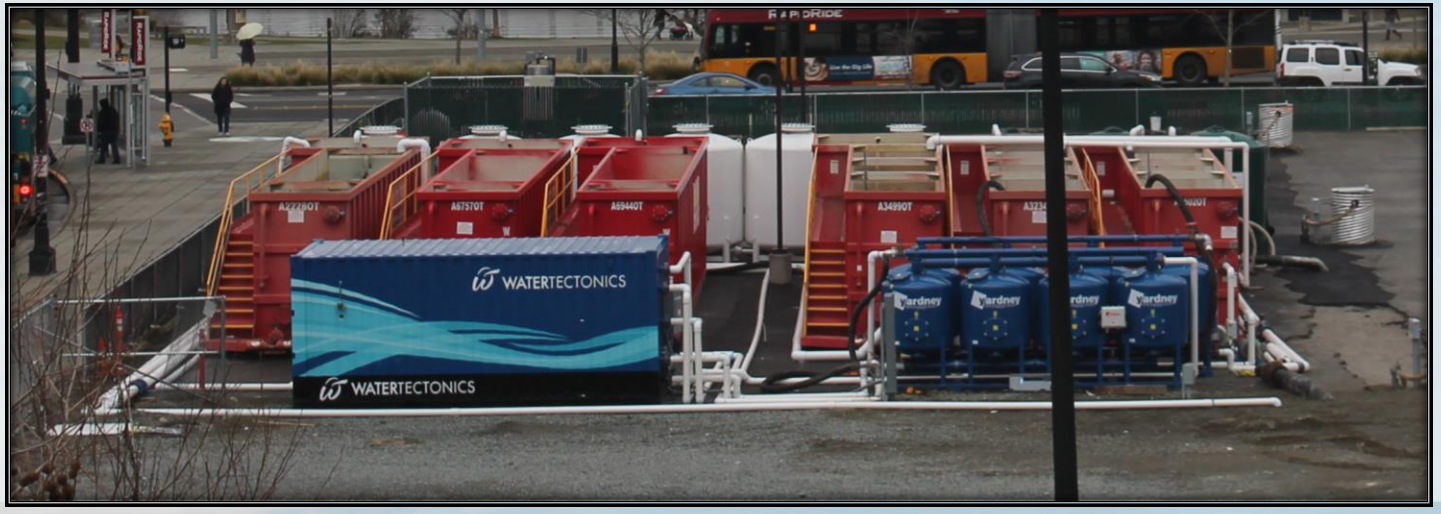
- Site Map/TESC
  - Outlining BMPs
- SEPA Determination document
- Soil/Groundwater contamination
  - Laboratory reports
  - Ecology approved treatment system layout
  - SWPPP sections that address contamination and proposed treatment system



Administrative Order

Sites with known soil/groundwater contamination will be issued an **Administrative Order (AO)**

- Longer permit application review/approval time
  - General Permit: approximately 60 days
  - AO Permit: 90-120 + days
- Implementation of Ecology approved Treatment System
  - Flowthrough approval granted after conducting two rounds of batch testing
  - Weekly analytical sampling



Administrative Order: Table 1

- Pollutant
- Sampling Frequency & Type
- Indicator Levels
- Analytical Test Method
- Standard CSWGP pH & turbidity
  - General Permit: 25 – 250 NTU
  - AO Permit: 25 NTU

Table 1.

[redacted] must use the specified analytical methods, detection limits (DLs) and quantitation levels (QLs) in the following table for monitoring unless the method used produces measurable results in the sample and EPA has listed it as an EPA-approved method in 40 CFR Part 136. If the [redacted] uses an alternative method, not specified in the order and as allowed above, it must report the test method, DL, and QL on the discharge monitoring report.

Pollutant (CAS No.)	Sampling Frequency	Sample Type	Indicator Level, µg/L	Required Analytical Protocol[f]	Detection Level, µg/L	Quantitation Level, µg/L
POLYCYCLIC AROMATIC HYDROCARBONS (PAH)						
Benzo(g,h,i)perylene (191-24-20)	Batch/Weekly*	Grab	1.0 [a]	EPA 610/625	0.5	1.0
Fluoranthene (206-44-0)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Phenanthrene (85-01-8)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Pyrene(129-00-0)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Anthracene (120-12-7)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
1-Methylnaphthalene (90-12-0)	Batch/Weekly*	Grab	10 [a]	EPA 8270	10	10
2-Methylnaphthalene (91-57-6)	Batch/Weekly*	Grab	10 [a]	EPA 8270	10	10
Acenapthene (83-32-9)	Batch/Weekly*	Grab	0.4 [a]	EPA 625	0.2	0.4
Fluorene (86-73-7)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Napthalene (91-20-3)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS (cPAH)						
Benzo(a)anthracene (56-55-3)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Benzo(a)pyrene (50-32-8)	Batch/Weekly*	Grab	1.0 [a]	EPA 610/625	0.5	1.0
Benzo(b)fluoranthene (205-99-2)	Batch/Weekly*	Grab	1.6 [a]	EPA 610/625	0.8	1.6
Benzo(k)fluoranthene (207-08-9)	Batch/Weekly*	Grab	1.6 [a]	EPA 610/625	0.8	1.6
Chrysene (218-01-9)	Batch/Weekly*	Grab	0.6 [a]	EPA 610/625	0.3	0.6
Dibenzo(a-h)anthracene (53-70-3)	Batch/Weekly*	Grab	1.6 [a]	EPA 625	0.8	1.6
Indeno(1,2,3-cd)pyrene 193-39-5)	Batch/Weekly*	Grab	1.0 [a]	EPA 610/625	0.5	1.0
METALS						
Arsenic – Total (7440-38-2)	Batch/Weekly*	Grab	360[b]	EPA 200.8	0.1	0.5
Chromium – Total (7440-47-3)	Batch/Weekly*	Grab	15[c]	EPA 200.8	0.2	1.0
Lead – Total (7439-92-1)	Batch/Weekly*	Grab	23.5[b]	EPA 200.8	0.1	0.5
Copper, Total (7440-50-8)	Batch/Weekly*	Grab	7.2 [b]	EPA 200.8	0.4	2.0
Nickel, Total (7440-02-0)	Batch/Weekly*	Grab	652 [b]	EPA 200.8	0.1	0.5
Zinc, Total (7440-66-6)	Batch/Weekly*	Grab	52.7 [b]	EPA 200.8	0.5	2.5
PETROLEUM HYDROCARBONS						
Diesel-Range Hydrocarbons (NWTPH-Dx)[d]	Batch/Weekly*	Grab	250 [a]	NWTPH-Dx	250	250

Construction Stormwater General Permit Benchmarks				
Parameter			**Analytical Method**	**Benchmark**
Turbidity	Weekly	Grab	SM2130[e]	25 NTU
pH	Weekly	Grab	SM4500-H$^+$ B	6.5 - 8.5 SU

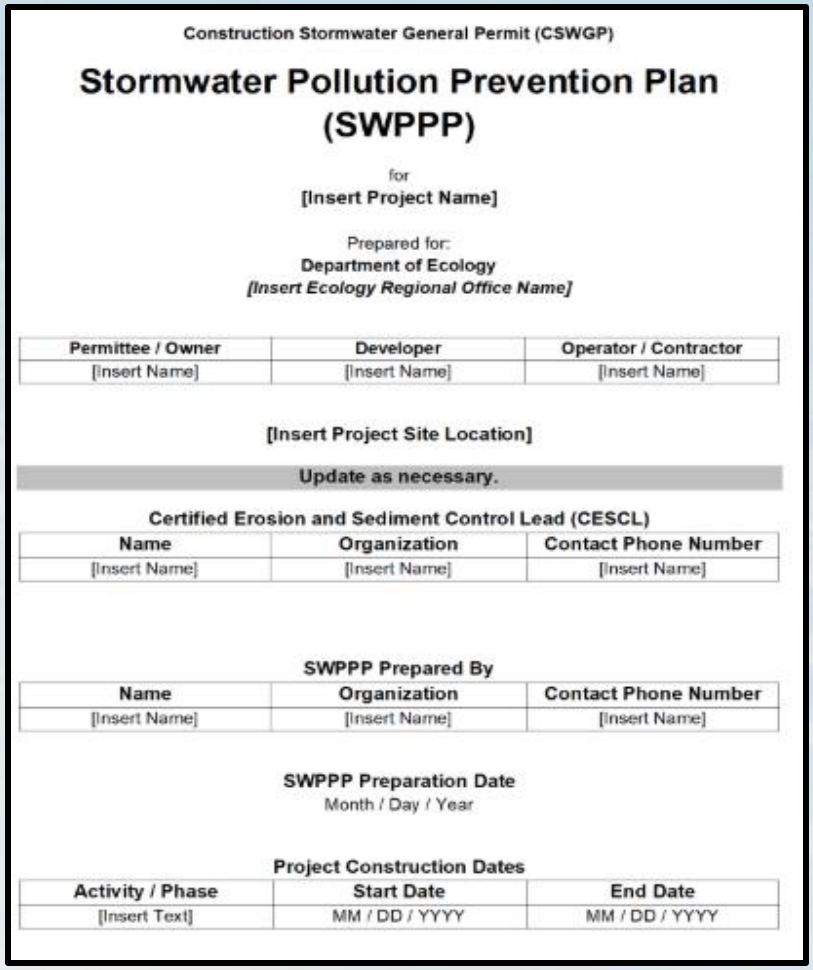
*	Batch monitoring required until written approval from Ecology for flow-through treatment with weekly monitoring.
[a]	No surface water standard, value is laboratory quantitation level.
[b]	Acute – Freshwater Criteria (173-201A-240 WAC) Based on a Hardness of 40.0 mg/l for Hardness Dependent

Reporting

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Total Metals by EPA Method 200.8				Batch ID: 20114		Analyst: TN
Arsenic	8.50	1.75		µg/L	1	3/21/2018 3:00:08 PM
Chromium	ND	1.00		µg/L	1	3/21/2018 3:00:08 PM
Copper	2.15	1.00		µg/L	1	3/21/2018 3:00:08 PM
Lead	ND	0.500		µg/L	1	3/21/2018 3:00:08 PM
Nickel	2.52	2.50		µg/L	1	3/21/2018 3:00:08 PM
Zinc	3.54	2.50		µg/L	1	3/23/2018 11:55:06 AM

Monitoring Point													
Parameter		Benzo(ghi) perylene	Fluoranthene	Phenanthrene	Pyrene	Anthracene	1-Methylnaphthalene	2-Methylnaphthalene	Arsenic	Chromium	Lead	Copper	
Fraction									Total	Total	Total	Total	
Units		Micrograms/L (ug/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	Milligrams/L (mg/L)	Micrograms/L (ug/L)	Micrograms/L (ug/L)	
Sample Frequency		Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	Weekly	
Limit Set													
Week 1 ☐ No Discharge BMPs	2/1/2019					2/1/2019					2/1/2019		
	2/2/2019	B | 0.100	B | 0.100	B | 0.100	B | 0.100	B | 0.100	B | 0.100	B | 0.100	8.50	B | 0.001	B | 0.500	2.15	
Reporting Code: B = Below Detection Limit / No Detection (include numeric value of the lab reported detection level)													
Week 2 ☐ No Discharge BMPs	2/3/2019					2/3/2019					2/3/2019		
	2/4/2019												
	2/5/2019												
	2/6/2019												
	2/7/2019												
	2/8/2019												
	2/9/2019												

SWPPP Narrative



Construction Stormwater General Permit (CSWGP)

Stormwater Pollution Prevention Plan (SWPPP)

for
[Insert Project Name]

Prepared for:
Department of Ecology
[Insert Ecology Regional Office Name]

Permittee / Owner	Developer	Operator / Contractor
[Insert Name]	[Insert Name]	[Insert Name]

[Insert Project Site Location]

Update as necessary.

Certified Erosion and Sediment Control Lead (CESCL)

Name	Organization	Contact Phone Number
[Insert Name]	[Insert Name]	[Insert Name]

SWPPP Prepared By

Name	Organization	Contact Phone Number
[Insert Name]	[Insert Name]	[Insert Name]

SWPPP Preparation Date
Month / Day / Year

Project Construction Dates

Activity / Phase	Start Date	End Date
[Insert Text]	MM / DD / YYYY	MM / DD / YYYY

SWPPP template provided by Ecology

Categorize each BMP under one of the following elements as listed below:

1. Preserve Vegetation / Mark Clearing Limits
2. Establish Construction Access
3. Control Flow Rates
4. Install Sediment Controls
5. Stabilize Soils
6. Protect Slopes
7. Protect Drain Inlets
8. Stabilize Channels and Outfalls
9. Control Pollutants
10. Control Dewatering
11. Maintain BMPs
12. Manage the Project
13. Protect Low Impact Development

Reference: [Construction stormwater permit - Washington State Department of Ecology]

SWPPP Narrative

The SWPPP is a living document, it should grow with the project

- Information about existing site conditions (topography, drainage, soils, vegetation, etc.)
- Potential erosion problem areas should be highlighted
- 303d Water Body information
- 13 elements of a SWPPP, including BMPs used to address each element
- Construction phasing/sequence and BMP implementation schedule

Summary

Notice Of Intent Requirements

- Basic Requirements
  - Site location, Personnel, Discharge Location
- SEPA Determination
- Public Notice Requirements
- Site contamination and Administrative Order

Stormwater Pollution Prevention Plan Basics

- Best Management Practices (BMPs)

WATERTECTONICS

THANK YOU!

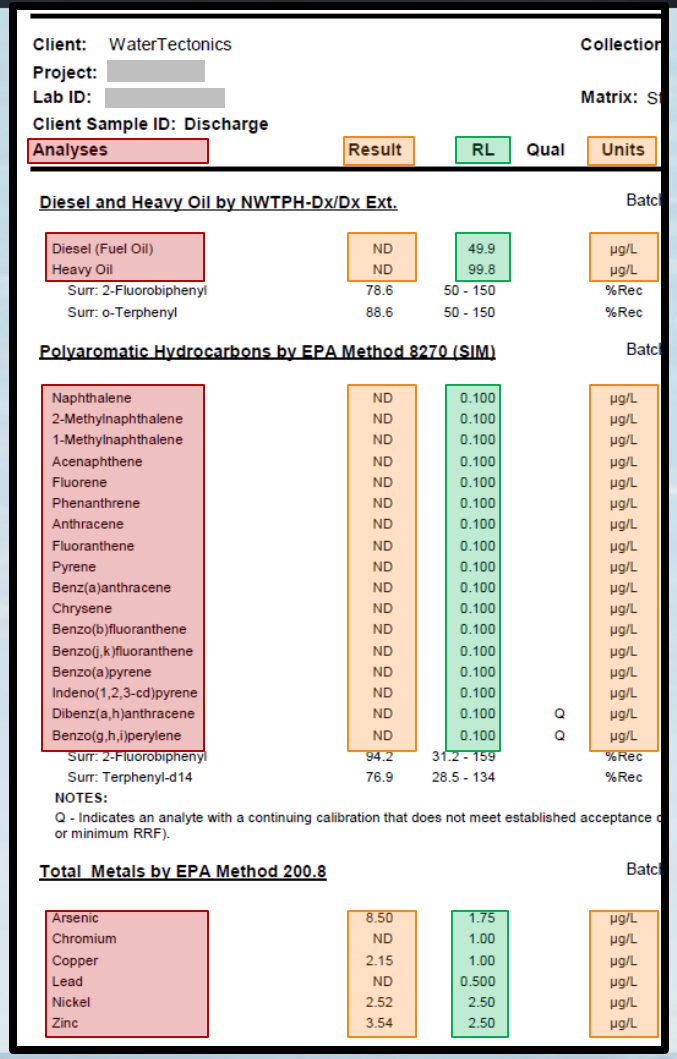
Priyal Panchal MSc. CESCL
priyal.panchal@watertectonics.com

INNOVATIONS IN WATER | WWW.WATERTECTONICS.COM

Additional Slides

Understanding Lab Results

- Analyses
- Result
  - ppm = mg/L
    - 1 ppm = 1,000 ppb
  - ppb = µg/L
    - 1 ppb = 0.001 ppm
- Reporting Limit
- Compare Result with indicator levels on Table 1 of AO



Client: WaterTectonics Collection
Project:
Lab ID: Matrix:
Client Sample ID: Discharge

Analyses	Result	RL	Qual	Units
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batc
Diesel (Fuel Oil)	ND	49.9		µg/L
Heavy Oil	ND	99.8		µg/L
Surr: 2-Fluorobiphenyl	78.6	50 - 150		%Rec
Surr: o-Terphenyl	88.6	50 - 150		%Rec
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batc
Naphthalene	ND	0.100		µg/L
2-Methylnaphthalene	ND	0.100		µg/L
1-Methylnaphthalene	ND	0.100		µg/L
Acenaphthene	ND	0.100		µg/L
Fluorene	ND	0.100		µg/L
Phenanthrene	ND	0.100		µg/L
Anthracene	ND	0.100		µg/L
Fluoranthene	ND	0.100		µg/L
Pyrene	ND	0.100		µg/L
Benz(a)anthracene	ND	0.100		µg/L
Chrysene	ND	0.100		µg/L
Benzo(b)fluoranthene	ND	0.100		µg/L
Benzo(j,k)fluoranthene	ND	0.100		µg/L
Benzo(a)pyrene	ND	0.100		µg/L
Indeno(1,2,3-cd)pyrene	ND	0.100		µg/L
Dibenz(a,h)anthracene	ND	0.100	Q	µg/L
Benzo(g,h,i)perylene	ND	0.100	Q	µg/L
Surr: 2-Fluorobiphenyl	94.2	31.2 - 159		%Rec
Surr: Terphenyl-d14	76.9	28.5 - 134		%Rec

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance c
or minimum RRF).

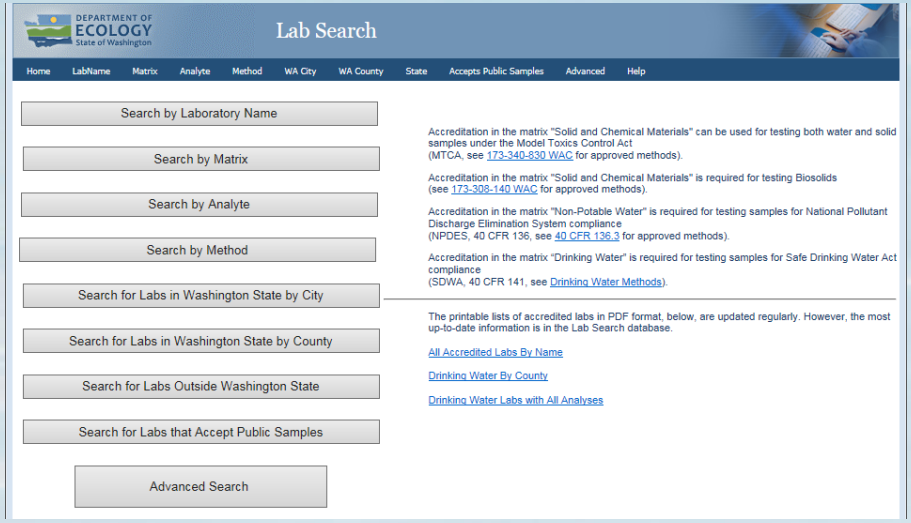
Total Metals by EPA Method 200.8				Batc
Arsenic	8.50	1.75		µg/L
Chromium	ND	1.00		µg/L
Copper	2.15	1.00		µg/L
Lead	ND	0.500		µg/L
Nickel	2.52	2.50		µg/L
Zinc	3.54	2.50		µg/L

Administrative Order

- CSWGP does not have water quality sampling or benchmarks for known contaminants of concern, but permit requires compliance with WQ Standards for Surface Water of the State of WA
- DOE establishes site-specific contaminant *indicator levels*
- Water quality monitoring requirements summarized in Table 1

Working with a Lab

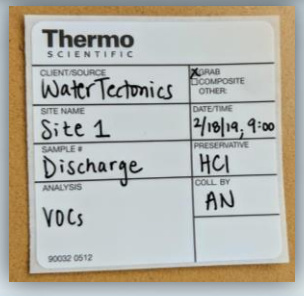
- Find a lab: search by name, matrix, analyte, method, or location
- Contact lab for supplies in advance
  - Cooler
  - Bottles
  - Labels
  - Chain of Custody form



Find an accredited lab using DOE's Lab Search:
https://fortress.wa.gov/ecy/laboratorysearch/

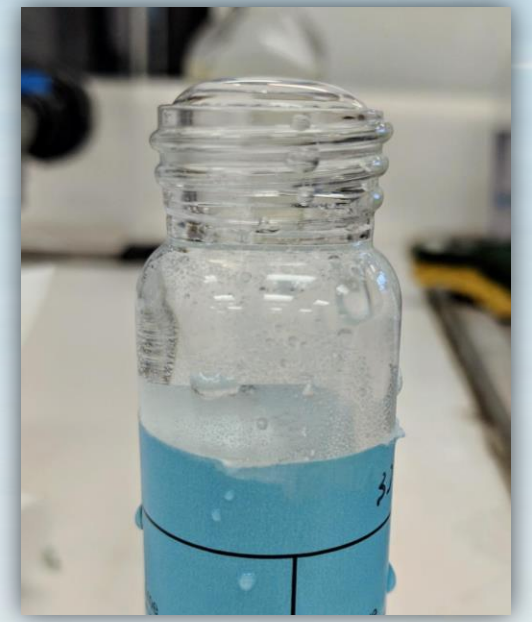
Sampling

- Preparation is key
  - Determine when and where to sample
    - Discharge sample point(s)
  - Have the correct bottles and supplies
    - Number and type of bottles, gloves, ice, cooler, chain of custody form, bottle labels
  - Chain of custody form and bottle label organization
    - Easier to fill labels out first then stick on, rather than writing on a curved bottle
    - Make sure labels match sample name, date, time written on chain of custody



Sampling

- When filling bottles,
  - Wear powder-free gloves. Powdered gloves may have contaminates.
  - Collect sample directly into clean bottles provided by lab
  - No headspace in VOA vials
  - Don't let bottle lid touch ground
  - Careful of vapors from preserved bottles
  - Don't touch bottle mouth



Checking Results

Table 1.

[redacted] must use the specified analytical methods, detection limits (DLs) and quantitation levels (QLs) in the following table for monitoring unless the method used produces measurable results in the sample and EPA has listed it as an EPA-approved method in 40 CFR Part 136. If the [redacted] uses an alternative method, not specified in the order and as allowed above, it must report the test method, DL, and QL on the discharge monitoring report.

Pollutant (CAS No.)	Sampling Frequency	Sample Type	Indicator Level, µg/L	Required Analytical Protocol [f]	Detection Level, µg/L	Quantitation Level, µg/L
POLYCYCLIC AROMATIC HYDROCARBONS (PAH)						
Benzo(g,h,i)perylene (191-24-20)	Batch/Weekly*	Grab	1.0 [a]	EPA 610/625	0.5	1.0
Fluoranthene (206-44-0)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Phenanthrene (85-01-8)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Pyrene(129-00-0)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Anthracene (120-12-7)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
1-Methylnaphthalene (90-12-0)	Batch/Weekly*	Grab	10 [a]	EPA 8270	10	10
2-Methylnaphthalene (91-57-6)	Batch/Weekly*	Grab	10 [a]	EPA 8270	10	10
Acenapthene (83-32-9)	Batch/Weekly*	Grab	0.4 [a]	EPA 625	0.2	0.4
Fluorene (86-73-7)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Napthalene (91-20-3)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
CARCINOGENIC POLYCYCLIC AROMATIC HYDROCARBONS (cPAH)						
Benzo(a)anthracene (56-55-3)	Batch/Weekly*	Grab	0.6 [a]	EPA 625	0.3	0.6
Benzo(a)pyrene (50-32-8)	Batch/Weekly*	Grab	1.0 [a]	EPA 610/625	0.5	1.0
Benzo(b)fluoranthene (205-99-2)	Batch/Weekly*	Grab	1.6 [a]	EPA 610/625	0.8	1.6
Benzo(k)fluoranthene (207-08-9)	Batch/Weekly*	Grab	1.6 [a]	EPA 610/625	0.8	1.6
Chrysene (218-01-9)	Batch/Weekly*	Grab	0.6 [a]	EPA 610/625	0.3	0.6
Dibenzo(a-h)anthracene (53-70-3)	Batch/Weekly*	Grab	1.6 [a]	EPA 625	0.8	1.6
Indeno(1,2,3-cd)pyrene 193-39-5)	Batch/Weekly*	Grab	1.0 [a]	EPA 610/625	0.5	1.0
METALS						
Arsenic – Total (7440-38-2)	Batch/Weekly*	Grab	360 [b]	EPA 200.8	0.1	0.5
Chromium – Total (7440-47-3)	Batch/Weekly*	Grab	15 [c]	EPA 200.8	0.2	1.0
Lead – Total (7439-92-1)	Batch/Weekly*	Grab	23.5 [b]	EPA 200.8	0.1	0.5
Copper, Total (7440-50-8)	Batch/Weekly*	Grab	7.2 [b]	EPA 200.8	0.4	2.0
Nickel, Total (7440-02-0)	Batch/Weekly*	Grab	652 [b]	EPA 200.8	0.1	0.5
Zinc, Total (7440-66-6)	Batch/Weekly*	Grab	52.7 [b]	EPA 200.8	0.5	2.5
PETROLEUM HYDROCARBONS						
Diesel-Range Hydrocarbons (NWTPH-Dx)[d]	Batch/Weekly*	Grab	250 [a]	NWTPH-Dx	250	250

Construction Stormwater General Permit Benchmarks

Parameter			Analytical Method	Benchmark
Turbidity	Weekly	Grab	SM2130[e]	25 NTU
pH	Weekly	Grab	SM4500-H+ B	6.5 - 8.5 SU

* Batch monitoring required until written approval from Ecology for flow-through treatment with weekly monitoring.

[a] No surface water standard, value is laboratory quantitation level.

[b] Acute – Freshwater Criteria (173-201A-240 WAC) Based on a Hardness of 40.0 mg/l for Hardness Dependent

Client: WaterTectonics **Collection**

Project: [redacted]

Lab ID: [redacted] **Matrix:** S

Client Sample ID: Discharge

Analyses	Result	RL	Qual	Units
Diesel and Heavy Oil by NWTPH-Dx/Dx Ext.				Batc
Diesel (Fuel Oil)	ND	49.9		µg/L
Heavy Oil	ND	99.8		µg/L
Surr: 2-Fluorobiphenyl	78.6	50 - 150		%Rec
Surr: o-Terphenyl	88.6	50 - 150		%Rec
Polyaromatic Hydrocarbons by EPA Method 8270 (SIM)				Batc
Naphthalene	ND	0.100		µg/L
2-Methylnaphthalene	ND	0.100		µg/L
1-Methylnaphthalene	ND	0.100		µg/L
Acenaphthene	ND	0.100		µg/L
Fluorene	ND	0.100		µg/L
Phenanthrene	ND	0.100		µg/L
Anthracene	ND	0.100		µg/L
Fluoranthene	ND	0.100		µg/L
Pyrene	ND	0.100		µg/L
Benz(a)anthracene	ND	0.100		µg/L
Chrysene	ND	0.100		µg/L
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Zinc	3.54	2.50		µg/L

Reporting

- WQWebDMR online portal
- Contact DOE if missing parameter column
- Don’t need to submit lab reports
- If sampling more frequently than required, must include in the calculations and reporting of data in DMR