



Water Quality Program

Permit Submittal Electronic Certification

Permittee: PORT OF SEATTLE

Permit Number: WAR044701

Site Address: PIER 69
SEATTLE, WA 98111

Submittal Name: MS4 Annual Report Phase I Ports Properties

Version: 1

Due Date: 3/31/2025

Questionnaire

Number	Permit Section	Question	Answer
1	S9.E.6	Attach a notification of any jurisdictional boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period. per S9.E.6.	Not Applicable
2	S6.A.5	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S6.A.5)	2025_0326-POS_Maritime_2025_SW_2_03272025080017
3	S9.D.4	If applicable, identify other entities relied on to satisfy any of the obligations under the Permit. (S9.E.4).	Not Applicable
4	S6.E.1.a	Made educational material available to tenants and employees. (S6.E.1.a)	Yes
7	S6.E.2	Made the annual report and most recent version of the SWMP Plan available on website. (No later than May 31, each year, S6.E.2)	Yes
8	S6.E.3.a	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharges? (S6.E.3.a)	Yes
10	S6.E.3.b	Implemented an enforcement plan to ensure compliance with illicit discharge policies. (S6.E.3.b)	Yes
11	S6.E.3.c	Maintained mapping data for the features listed in S6.E.3.c?	Yes
13	S6.E.3.c.iii	Mapped tributary conveyances and the associated drainage areas of MS4 outfalls with a 12-inch nominal diameter, or larger, or an equivalent cross-sectional area for non-pipe systems? (S6.E.3.c.iii)	Yes
14	S6.E.3.c.iv	Mapped known connections greater than or equal to 8 inches in nominal diameter to mapped tributary conveyances? (S6.E.3.c.iv)	Yes
15	S6.E.3.c.vi	Implemented a program to document operation and maintenance records for stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.3.c.vi)	Yes
16	S6.E.3.d	Conducted field screening of at least 20% of the MS4 to detect illicit discharges and illicit connections? (S6.E.3.d)	Yes

17	S6.E.3.d	Implemented procedures to identify and remove illicit discharges and illicit connections? (S6.E.3.d)	Yes
18	S6.E.3.d	Number of illicit discharges, including illicit connections, eliminated during the reporting period: (S6.E.3.d).	11
19	S6.E.3.d	Attach a summary of illicit discharges discovered and actions taken to eliminate the discharges. (S6.E.3.d)	FINAL_PortofSeattle2024PhaseIA_19_03212025131652
20	S6.E.3.e	Implemented a spill response plan that includes coordination with a qualified spill responder? (S6.E.3.e)	Yes
21	S6.E.3.f	Provided staff training or coordinated with existing training efforts to educate staff on proper BMPs for preventing illicit discharges and for identifying, reporting, and responding as appropriate? (S6.E.3.f)	Yes
22	S6.E.4.a	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern construction phase stormwater pollution prevention measures? (S6.E.4.a)	Yes
23	S6.E.4.b	Ensured that all construction projects under the functional control of the Permittee obtained applicable NPDES permit coverage? (S6.E.4.b)	Yes
24	S6.E.4.c	Coordinated with local jurisdiction(s) on construction projects owned or operated by other entities that discharge into the Permittee's MS4? (S6.E.4.c)	Yes
25	S6.E.4.d	Provided staff training or coordinated with existing training efforts to educate staff on erosion and sediment control BMPs and requirements, or hired trained contractors to perform the work? (S6.E.4.d)	Yes
26	S5.E.4.e	Provided access, as requested, for inspection of construction sites under the functional control of the Permittee during land disturbing activities and/or the construction period? (S6.E.4.e)	Yes
27	S6.E.5.a	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern post-construction stormwater pollution prevention measures, including proper operation and maintenance of the MS4? (S6.E.5.a)	Yes
28	S6.E.4.e	Coordinated with local jurisdiction regarding projects owned or operated by other entities which discharge into the Permittee's MS4? (S6.E.5.b)	Yes
29	S6.E.6.a	Implemented an operation and maintenance (O&M) manual for all stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.6.a)	Yes
30	S6.E.5.a.1	Updated the O&M manual following discovery or construction of new stormwater facilities? (S6.E.6.a.i)	Yes
31	S6.E.6.a.ii	Updated maintenance standards, as necessary, per S6.E.6.a.ii?	Yes

32	S6.E.6.b	Inspected stormwater facilities listed in the O&M manual and took appropriate maintenance action? (S6.E.6.b)	Yes
32a	S6.E.6.b	Number of stormwater facilities inspected during the reporting period?	821
32b	S6.E.6.b	Number of maintenance actions taken during the reporting period?	91
35	S6.E.6.c.iii	Disposed of sweeper waste material in accordance with Appendix 6, Street Waste Disposal? (S6.E.6.c.iii)	Yes
37	S6.E.6.d	Provided appropriate training for maintenance staff? (S6.E.6.d)	Yes
38	S6.E.6.e	Maintained records of inspections and maintenance activities? (S6.E.6.e)	Yes
39	S6.E.7.a	Updated Stormwater Pollution Prevention Plans (SWPPPs) as necessary? (S6.E.7.a)	Yes
40	S6.E.7.d	Inspected at least 20% of all sites covered by SWPPPs required under this permit? (S6.E.7.d.)	Yes
40a	S6.E.7.d	Number of sites covered under SWPPPs?	52
40b	S6.E.7.d	Number of sites inspected?	14
41	S6.E.7.f	SWPPPs include measures to prevent, identify and respond to illicit discharges, including illicit connections, spills and improper disposal? (S6.E.7.f)	Yes
42	S6.E.7.g	SWPPPs include a component related to inspection and maintenance of stormwater facilities and catch basins that is consistent with the O&M Program? (S6.E.7.g)	Yes
43	S7	Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)	No
44	S7.A	Complied with the specific requirements identified in Appendix 2? (S7.A)	Not Applicable
44a	S7.A	List any requirements that were not met.	Not Applicable
45	S7.A	Attach status report of TMDL implementation. (S7.A)	Not Applicable
46	G20	Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware that the non-compliance has occurred?(G20)	Not Applicable
47	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittee's MS4 which could constitute a threat to human health, welfare, or the environment. (G3)	Yes
48	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
49	S4.F.3.d	If applicable, attached a summary of the status of implementation of any actions taken pursuant to S4.F.3, and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)	Not Applicable

50	S8.A	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2024 (S8.A.1); and no later than August 15 of each subsequent year (S8.A.2.a.)?	Yes
51	S8.A	Notified Ecology by December 1, 2024 which option you selected: S8.A.2.a, or S8.A.2.b.	Yes
52	S8.B	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2024(S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)?	Yes
53	S8.B	Notified Ecology by December 1, 2024 which option you selected: S8.B.2.a, or S8.B.2.b, or S8.B.2.c?	Yes
56	S8.B	If conducting a study per S.8.B.2.c, began full implementation of the effectiveness in accordance with the schedule in the approved QAPP, and submitted required reports? (S8.B.2.c.ii.(c))	Not Applicable

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 persons directly responsible for gathering 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.

Jane Dewell

3/27/2025 8:16:24 AM

Signature

Date

APPENDIX 5 – Annual Report Questions for the Port of Seattle and the Port of Tacoma

Permittees are required to submit annual reports online or in a format provided by Ecology, pursuant to Special Condition S9.A.

S6.E. Stormwater Management Program

1. **Attach** a notification of any jurisdictional boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period, per S9.E.6.
2. **Attach** updated annual Stormwater Management Program Plan (SWMP Plan). (S6.A.5)
3. If applicable, identify other entities relied on to satisfy any of the obligations under the Permit. (S9.E.4).

S6.E.1. Education and Outreach Program

4. Made educational material available to tenants and employees? (S6.E.1.a)
5. Labeled all storm drain inlets owned or operated by the Secondary Permittee that are located in maintenance yards, in parking lots, along sidewalks, and at pedestrian access points? (Required no later than September 30, 2027, S6.E.1.b.)
6. Re-labeled all storm drain inlets with labels when no longer clearly visible and/or easily readable within 90 days? (S6.E.1.c.)

S6.E.2. Public Involvement and Participation

7. Made the annual report and most recent version of the SWMP Plan available on website? (No later than May 31, each year, S6.E.2)

S6.E.3. Illicit Discharge Detection and Elimination

8. Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharge? (S6.E.3.a)
9. Updated policies, if needed, to prohibit illicit discharge? (Required no later than July 1, 2027, S6.E.3.b)
10. Implemented an enforcement plan to ensure compliance with illicit discharge policies? (S6.E.3.b)
11. Maintained mapping data for the features listed in S6.E.3.c?

- 12.** Submitted all known MS4 outfall locations, including size and materials? (Required no later than March 31, 2027, S6.E.3.c.ii.) The data shall be in one of the following formats and templates:
- [ESRI file geodatabase template](#)¹ (feature class in a .gdb).
 - [Shapefile template](#)²
 - ArcGIS Online template (sharing template a or b via ArcGIS Online).
 - [Excel template](#)³
- 13.** Mapped tributary conveyances and the associated drainage areas of MS4 outfalls with a 12-inch nominal diameter, or larger, or an equivalent cross-sectional area for non-pipe systems? (S6.E.3.c.iii)
- 14.** Mapped known connections greater than, or equal to, 8 inches in nominal diameter to mapped tributary conveyances? (S6.E.3.c.iv)
- 15.** Implemented a program to document operation and maintenance records for stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.3.c.vi)
- 16.** Conducted field screening of at least 20% of the MS4 to detect illicit discharges and illicit connections? (S6.E.3.d)
- 17.** Implemented procedures to identify and remove illicit discharges and illicit connections? (S6.E.3.d)
- 18.** Number of illicit discharges, including illicit connections, eliminated during the reporting period. (S6.E.3.d)
- 19. Attach** a summary of illicit discharges discovered and actions taken to eliminate the discharges. (S6.E.3.d)
- 20.** Implemented a spill response plan that includes coordination with a qualified spill responder? (S6.E.3.e)
- 21.** Provided staff training or coordinated with existing training efforts to educate staff on proper BMPs for preventing illicit discharges and for identifying, reporting, and responding as appropriate? (S6.E.3.f)

¹ <https://fortress.wa.gov/ecy/ezshare/wq/permits/MS4GP.Mapoutfall.prelim.gdb.zip>

² <https://fortress.wa.gov/ecy/ezshare/wq/permits/MS4GP.Mapoutfall.prelim.shape.zip>

³ <https://fortress.wa.gov/ecy/ezshare/wq/permits/MS4GP.Mapoutfall.prelim.excel.xlsx>

S6.E.4. Construction Site Stormwater Runoff Control

- 22. Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern construction phase stormwater pollution prevention measures? (S6.E.4.a)
- 23. Ensured that all construction projects under the functional control of the Permittee obtained applicable NPDES permit coverage? (S6.E.4.b)
- 24. Coordinated with local jurisdiction(s) on construction projects owned or operated by other entities that discharge into the Permittee's MS4? (S6.E.4.c)
- 25. Provided staff training or coordinated with existing training efforts to educate staff on erosion and sediment control BMPs and requirements, or hired trained contractors to perform the work? (S6.E.4.d)
- 26. Provided access, as requested, for inspection of construction sites under the functional control of the Permittee during land disturbing activities and/or the construction period? (S6.E.4.e)

S6.D.5. Post-Construction Stormwater Management for New Development and Redevelopment

- 27. Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern post-construction stormwater pollution prevention measures, including proper operation and maintenance of the MS4? (S6.E.5.a)
- 28. Coordinated with local jurisdiction regarding projects owned or operated by other entities which discharge into the Permittee's MS4? (S6.E.5.b)

S6.E.6. Operation and Maintenance Program

- 29. Implemented an operation and maintenance (O&M) manual for all stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.6.a)
- 30. Updated the O&M manual following discovery or construction of new stormwater facilities? (S6.E.6.a.i)
- 31. Updated maintenance standards, as necessary, per S6.E.6.a.ii?
- 32. Inspected stormwater facilities listed in the O&M manual and took appropriate maintenance action? (S6.E.6.b)
 - a. Number of stormwater facilities inspected during the reporting period?
 - b. Number of maintenance actions taken during the reporting period?

- 33. Developed and implemented a sweeping program, no later than July 1, 2027?
(S6.E.6.c.i.)
- 34. **Attach** documentation if implementing an alternative sweeping timing and frequency, or existing sweeping program of equivalent or greater sweeping program.
(S6.E.6.c.i.b)
- 35. Disposed of sweeper waste material in accordance with Appendix 6, Street Waste Disposal? (S6.E.6.c.iii)
- 36. Document the following information for the sweeping program's priority areas (S5.C.9.e, No later than March 31, 2028):
 - a. **Attach** priority areas swept on a map
 - b. Sweeping dates
 - c. Sweeping frequency
 - d. Type of sweeper
 - e. Total curb miles of priority areas and curb miles swept
 - f. Approximation of street waste solids removed for each sweeping event, with unit of weight and wet or dry weight, where available.
- 37. Provided appropriate training for maintenance staff? (S6.E.6.d)
- 38. Maintained records of inspections and maintenance activities? (S6.E.6.e)

S6.E.7 Source Control in existing Developed Areas

- 39. Updated Stormwater Pollution Prevention Plans (SWPPPs) as necessary? (S6.E.7.a)
- 40. Inspected at least 20% of all sites covered by SWPPPs required under this permit?
(S6.E.7.d)
 - a. Number of sites covered under SWPPPs?
 - b. Number of sites inspected?
- 41. SWPPPs include measures to prevent, identify and respond to illicit discharges, including illicit connections, spills and improper disposal? (S6.E.7.f)
- 42. SWPPPs include a component related to inspection and maintenance of stormwater facilities and catch basins that is consistent with the O&M Program? (S6.E.7.g)

S7. Compliance with Total Maximum Daily Load Requirements

- 43. Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)
- 44. Complied with the specific requirements identified in Appendix 2? (S7.A)
 - a. List any requirements that were not met.

45. Attach status report of TMDL implementation. (S7.A)

General Conditions

- 46.** Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware that the non-compliance has occurred? (G20)
- 47.** Notified Ecology in accordance with G3 of any discharge into or from the Permittee's MS4 which could constitute a threat to human health, welfare, or the environment? (G3)
- 48.** Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A?

S4. Compliance with Standards

- 49.** If applicable, **attach** a summary of the status of implementation of any actions taken pursuant to S4.F.3, and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period. (S4.F.3.d)

S8. Monitoring and Assessment

- 50.** Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2024 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a)
- 51.** Notified Ecology by December 1, 2024, which option you selected: S8.A.2.a or S8.A.2.b.?
- 52.** Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2024 (S8.B.1); and no later than August 15 of each subsequent year? (S8.B.2.a or S8.B.2.c)
- 53.** Notified Ecology by December 1, 2024, which option you selected: S8.B.2.a, or S8.B.2.b, or S8.B.2.c?
- 54.** If conducting a study per S.8.B.2.c, submitted a detailed effectiveness study proposal to Ecology no later than February 1, 2025? (S8.B.2.c.ii(a))
- 55.** If conducting a study per S.8.B.2.c, submitted a QAPP to Ecology within 120 days of Ecology's approval of the detailed effectiveness study proposal? (S8.B.2.c.ii(b))
- 56.** If conducting a study per S.8.B.2.c, began full implementation of the effectiveness in accordance with the schedule in the approved QAPP, and submitted required reports? (S8.B.2.c.ii(c))

- 57.** If conducting stormwater discharge monitoring in accordance with S8.C.2, submitted a QAPP to Ecology no later than February 1, 2025? (S8.C.2.b and Appendix 9)
- 58.** If conducting stormwater discharge monitoring in accordance with S8.C.2, **attach** a data and analysis report per S8.C.2.d and Appendix 9.
(Due annually beginning March 31, 2026)

Port of Seattle 2024 Annual Report - Phase I Municipal Stormwater Permit Number WAR044701
Illicit Discharge Indentified and Resolved

Jurisdiction		Date incident discovered or reported to you	Date of beginning your response	Date of end of your response	Discharge to MS4? (select one)	Incident Location					How was the incident discovered or reported to you? (select all that apply)	Pollutants Identified (select all that apply)	Source or Cause (select all that apply)	Source Tracing Approach(es) Used (select all that apply)	Correction/Elimination Methods Used (select all that apply)	
						Address	City	Postal Code	Latitude	Longitude						
WAR044701	Terminal 91 Uplands	1/31/2024	1/31/2024	1/31/2023	Yes - notified Ecology	2001 W. Garfield St.	Seattle	98119	47.63825	-122.38384	Direct report to your staff	Fuel and/or vehicle related fluids	Other accident/spillA few drips of fuel from tenant vehicle	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Fuel drips from tenant vehicle. Sheen entered catch basin #922 but was contained there and did not enter the waterway. Marine Maintenance staff responded to clean the impacted catch basin but found the tenant had sufficiently cleaned it already.
WAR044701	Terminal 46	2/6/2024	2/6/2024	2/13/2024	Yes - notified Ecology	401 Alaskan Way S	Seattle	98104	47.595895	-122.337474	Other (please describe)Construction inspector on site	Other wastewaterVac and sweeper truck spoils liquid	Construction activity	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Port staff directed Orion to clean up and called Port Stormwater Utility (SWU) staff, who further directed that Orion should clean the catch basin (CB). Port staff inspected maintenance hole (MH) downstream of CB# 4412, MH# 4426. The discharge that entered CB# 4412 was white and milky, and visual inspection of MH# 4426 after Badger (Orion contracted to clean) cleaned CB# 4412 confirmed the discharge did not make it downstream to MH# 4426 (no milky white substance seen). Initial cleanup finished 2/6 at 13:30. Orion/Badger completed cleaning of the affected stormwater infrastructure and properly disposed of removed material at a designated off-site location on 2/13.
WAR044701	Terminal 91 Uplands	5/3/2024	5/3/2024	5/3/2024	Yes - notified Ecology	2001 W Garfield St	Seattle	98119	47.634806	-122.383214	Staff referralSteven Ahrens	Other wastewaterProcess water - concrete slurry	Construction activityContractor crew for Lineage were pouring a concrete patch in front of building 390 and were washing off boots and hand tools after completion with no containment.	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Contractor crew for Lineage were pouring a concrete patch in front of building 390 and were washing off boots and hand tools after completion with no containment. Port staff noted the concrete slurry entering CB# 1061 at 1330 on 5/3/2024, who contacted the Port property manager, who in turn contact Port SWU staff who notified Seattle Public Utilities (SPU) and Washington Emergency Management Division (WaEMD). Port staff directed Lineage representatives to direct the contractors to clean up, including vacuuming out the CB. Contractor was able to clean up all the slurry that entered the CB and everything on the surface. Clean up finished at 1610 on 5/3/2024. Port SWU staff and Lineage representative were on site to observe completion of clean up. Port SWU staff communicated clean up completion to SPU.
WAR044701	Fisherman's Terminal	5/24/2024	5/24/2024	5/28/2024	Yes - notified Ecology	3919 18TH AVE W	Seattle	98119	47.655645	-122.377197	Staff referral	Fuel and/or vehicle related fluidsUnknown rainbow sheen	Other (please describe)Unknown source	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Fishermen's Terminal (FT) Harbor Operations Specialist submitted a SEIN report and called the SEIN hotline to report a landside spill. Port SWU Staff worked with the FT Harbor Operations Specialist to determine that the spill had entered a well covering, but not the MS4. On Tuesday, 5/28, Port SWU Staff reached out to the FT Harbor Operations Specialist due to an NRC report noticed at that time and FT Harbor Operations Specialist informed Port SWU Staff that the spill had reached the waterway, but not the MS4. Port SWU Staff confirmed that FT Harbor Operations Specialist had reported to NRC and WaEMD and contacted SPU.
WAR044701	Fisherman's Terminal	6/2/2024	6/2/2024	6/3/2024	Yes - notified Ecology	3919 18TH AVE W	Seattle	98119	47.655069	-122.378331	Other agency referralReported to Port by Dept. of Ecology	Fuel and/or vehicle related fluids	Other accident/spillLeaking dumpster	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Leaking dumpster and associated drips at Fishermen's Terminal. Port Marine Maintenance secured leaking dumpster and sealed catch basins. Port Marine Maintenance returned the following day (6/3/24) to complete cleanup of catch basin #5045 and ground surface around that catch basin and drip trails to the northwest dumpsters near the facility office. The leaking dumpster was removed from service for inspection and cleaning.
WAR044701	Fisherman's Terminal	6/12/2024	6/12/2024	6/12/2024	Yes - notified Ecology	3919 18TH AVE W	Seattle	98119	47.65517	-122.3772	Staff referral	Fuel and/or vehicle related fluids	Unconfirmed, unspecified, or not identified	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Marine Maintenance SWU team responded to oil sheen on asphalt that entered catch basin #5027 on 6/12. Marine Maintenance used a vacuum truck and sweeper truck to clean surface and catch basin on 6/12.
WAR044701	Piers 90 and 91	10/10/2024	10/10/2024	10/11/2024	Yes - notified Ecology	2001 W. Garfield St.	Seattle	98119	47.631326	-122.379727	Pollution hotline (phone, web, app)	Fuel and/or vehicle related fluids	Construction activity	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	A hydraulic line broke during construction work by Pacific Pile and Marine and leaked 10 gallons of hydraulic fluid. One gallon went into ditch near wall pile and seawater came up from tide inside wall pile ditch. Any sheen from the spill was captured by the existing creosote boom in place in the work area.
WAR044701	Maritime Industrial Center	11/1/2024	11/1/2024	11/1/2024	Yes - notified Ecology	2700 W Commodore Way	Seattle	98199	47.663544	-122.391302	Staff referral	Fuel and/or vehicle related fluidsAntifreeze on dock	Other (please describe)Unknown source	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Fishermen's Terminal Harbor Operations observed small puddle of antifreeze on the dock. Clean-up was performed using absorbent pads; no antifreeze observed in MS4 or waterway, but based on the rain during the time of observation a release to the waterway is suspected.
WAR044701	Terminal 102	11/1/2024	11/1/2024	11/1/2024	Yes - notified Ecology	1011 SW Klickitat Way	Seattle	98134	47.570142	-122.348596	Other (please describe)Kraemer (company responsible) employee called Port staff	Fuel and/or vehicle related fluidsGaoline from pickup truck	Vehicle-related business	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Kraemer truck gas tank stolen on 10/23/24; Kramer employee was unaware and turned truck around in lot so tail was downslope; remaining gas in lines spilled on parking lot asphalt. A small amount of fuel was released into catch basin #5491 and suspected to have entered into waterway. Fuel in parking lot was cleaned using absorbent pads.
WAR044701	Fisherman's Terminal	11/14/2024	11/14/2024	11/14/2024	Yes - notified Ecology	3919 18TH AVE W	Seattle	98119	47.654893	-122.381352	Staff referral	Fuel and/or vehicle related fluids	Other accident/spillFuel spilled from equipment	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Less than a gallon of gasoline spilled from equipment. Spill was confined to the catch basin #5049 and did not enter the waterway. Absorbents deployed and vaccum truck used to clean out catch basin. Clean up using absorbent pads and vac truck
WAR044701	Terminal 18	12/20/2024	12/20/2024	12/20/2024	Yes - notified Ecology	2400 11TH AVE SW	Seattle	98134	47.581703	-122.34638	Other (please describe)NRC #1419501	Fuel and/or vehicle related fluidsCrane hydraulic fluid	Other commercial/industrial activityHydraulic fluid from crane	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	A shore crane had a release of hydraulic fluid that spilled onto deck surface and into Duwamish River. Once identified, the spill on the crane and deck surface was contained and cleaned up. The material in the water was unrecoverable.