



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

Version: 1

Due Date: 3/31/2023

Questionnaire

Number	Permit Section	Question	Answer
1	S9.E.5	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.5.	Not Applicable
2	S6.E.1.a	Made educational material available to tenants and employees. (S6.E.1.a)	Yes
3	S6.E.1.a	Made the annual report and most recent version of the SWMP Plan available on website. (S6.E.2)	Yes
4	S6.E.1.b	Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharges? (S6.E.3.a)	Yes
5	S6.E.2	Implemented policies to prohibit illicit discharges. (S6.E.3.b)	Yes
6	S6.E.3.b	Implemented an enforcement plan to ensure compliance with illicit discharge policies. (S6.E.3.b)	Yes
7	S6.E.3.c	Maintained mapping data for the features listed in S6.E.3.c?	Yes
8	S6.E.3.c	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.ii)	Yes
9	S6.E.3.c	Mapped known connections greater than or equal to 8 inches in nominal diameter to mapped tributary conveyances? (S6.E.3.c.iii)	Yes
10	S6.E.3.c	Implemented a program to document operation and maintenance records for stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.3.c.v)	Yes
11	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
12	S6.E.3.d	Implemented procedures to identify and remove illicit discharges and illicit connections? (S6.E.3.d)	Yes
13	S6.E.3.d	Number of illicit discharges, including illicit connections, eliminated during the reporting period: (S6.E.3.d).	4

13a	S6.E.3.D	Attach a summary of illicit discharges discovered and actions taken to eliminate the discharges. (S6.E.3.d)	Port_of_Seattle_2022_Annual_ID_13a_03202023125126
14	S6.E.3.E	Implemented a spill response plan that includes coordination with a qualified spill responder? (S6.E.3.e)	Yes
15	S6.E.3.E	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
16	S6.E.4	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
17	S6.E.4	Ensured that all construction projects under the functional control of the Permittee obtained applicable NPDES permit coverage? (S6.E.4.b)	Yes
18	S6.E.4.a	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
19	S6.E.4.b	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
20	S6.E.4.c	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
21	S6.E.4.E	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
22	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
23	S6.E.5.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
24	S6.E.5.b	Updated the O&M manual following discovery or construction of new stormwater facilities? (S6.E.6.a.i)	Yes
25	S6.E.6.a	Updated maintenance standards, as necessary, per S6.E.6.a.ii?	Yes
26	S6.E.6.b	Inspected stormwater facilities listed in the O&M manual and took appropriate maintenance action? (S6.E.6.b)	Yes
26a	S6.E.6.b	Number of stormwater facilities inspected during the reporting period?	853
26b	S6.E.6.b	Number of maintenance actions taken during the reporting period?	91

27	S6.E.6.c	Provided appropriate training for maintenance staff? (S6.E.6.c)	Yes
28	S6.E.6.d	Maintained records of inspections and maintenance activities? (S6.E.6.d)	Yes
29	S6.E.7	Updated Stormwater Pollution Prevention Plans (SWPPPs) as necessary? (S6.E.7.a)	Yes
30	S6.E.8	Inspected at least 20% of all sites covered by SWPPPs required under this permit? (S6.E.7.d.)	Yes
30a	S6.E.9	Number of sites covered under SWPPPs?	47
30b	S6.E.10	Number of sites inspected?	19
31	S6.E.11	SWPPPs include measures to prevent, identify and respond to illicit discharges, including illicit connections, spills and improper disposal? (S6.E.7.f)	Yes
32	S6.E.12	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
33	S7.A	Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)	No
34	S7.A	Complied with the specific requirements identified in Appendix 2. (S7.A)	Not Applicable
35	S7.A	Attached status report of TMDL implementation. (S7.A)	Not Applicable
36	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
37	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
38	G3.A	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
39	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
40	S8.A	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year (S8.A.2.a)?	Yes
42	S8.B	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)?	Yes

46	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
48	S8.C	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, 2021)	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

3/20/2023 2:04:48 PM

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.5.

S6.E.1. Education and Outreach Program

2. Made educational material available to tenants and employees. (S6.E.1.a)

S6.E.2. Public Involvement and Participation

3. Made the annual report and most recent version of the SWMP Plan available on website. (S6.E.2)

S6.E.3. Illicit Discharge Detection and Elimination

4. Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharges. (S6.E.3.a)
5. Implemented policies to prohibit illicit discharges. (S6.E.3.b)
6. Implemented an enforcement plan to ensure compliance with illicit discharge policies. (S6.E.3.b)
7. Maintained mapping data for the features listed in S6.E.3.c?
8. 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.ii)
9. Mapped known connections greater than, or equal to, 8 inches in nominal diameter to mapped tributary conveyances? (S6.E.3.c.iii)
10. Implemented a program to document operation and maintenance records for stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.3.c.v)
11. Conducted field screening of at least 20% of the MS4 to detect illicit discharges and illicit connections? (S6.E.3.d)
12. Implemented procedures to identify and remove illicit discharges and illicit connections? (S6.E.3.d)
13. Number of illicit discharges, including illicit connections, eliminated during the reporting period. (S6.E.3.d) **Attach** a summary of illicit discharges discovered and actions taken to eliminate the discharges. (S6.E.3.d)

14. Implemented a spill response plan that includes coordination with a qualified spill responder? (S6.E.3.e)
15. 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)

S6.E.4. Construction Site Stormwater Runoff Control

16. 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)
17. Ensured that all construction projects under the functional control of the Permittee obtained applicable NPDES permit coverage? (S6.E.4.b)
18. 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)
19. 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)
20. 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

21. 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)
22. 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

23. Implemented an operation and maintenance (O&M) manual for all stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.6.a)
24. Updated the O&M manual following discovery or construction of new stormwater facilities? (S6.E.6.a.i)
25. Updated maintenance standards, as necessary, per S6.E.6.a.ii?
26. Inspected stormwater facilities listed in the O&M manual and took appropriate maintenance action? (S6.E.6.b)
 - 26a. Number of stormwater facilities inspected during the reporting period?
 - 26b. Number of maintenance actions taken during the reporting period?

- 27. Provided appropriate training for maintenance staff? (S6.E.6.c)
- 28. Maintained records of inspections and maintenance activities? (S6.E.6.d)

S6.E.7 Source Control in existing Developed Areas

- 29. Updated Stormwater Pollution Prevention Plans (SWPPPs) as necessary? (S6.E.7.a)
- 30. Inspected at least 20% of all sites covered by SWPPPs required under this permit? (S6.E.7.d)
 - 30a. Number of sites covered under SWPPPs?
 - 30b. Number of sites inspected?
- 31. SWPPPs include measures to prevent, identify and respond to illicit discharges, including illicit connections, spills and improper disposal? (S6.E.7.f)
- 32. 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

- 33. Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)
- 34. Complied with the specific requirements identified in Appendix 2. (S7.A)
 - 34a. List any requirements that were not met:
- 35. Attached status report of TMDL implementation. (S7.A)

General Conditions

- 36. 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)
- 37. 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)
- 38. Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.

S4. Compliance with Standards

- 39. 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)

S8. Monitoring and Assessment

- 40. Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a)

41. Notified Ecology by December 1, 2019, which option you selected: S8.A.2.a or S8.A.2.b.
42. Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year? (S8.B.2.a or S8.B.2.c)
43. Notified Ecology by December 1, 2019, which option you selected: S8.B.2.a, or S8.B.2.b, or S8.B.2.c?
44. If conducting a study per S.8.B.2.c, submitted a detailed effectiveness study proposal to Ecology no later than February 2, 2020? (S8.B.2.c.ii(a))
45. 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))
46. 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))
47. If conducting stormwater discharge monitoring in accordance with S8.C.2, submitted a QAPP to Ecology no later than February 1, 2020? (S8.C.2.b and Appendix 9)
48. 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, 2021)

**Port of Seattle 2022 Annual Report - Phase I Municipal Stormwater Permit Number WAR044701
Illicit Discharges Identified and Resolved**

Jurisdiction	POS Facility	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)	If 'Other', please describe	Source or Cause (select all that apply)	If 'Other', please describe	Source Tracing Approach(es) Used (select all that apply)	Correction/ Elimination Methods Used (select all that apply)	Field Notes, Explanations, and/or Other Comments
						Address	City	Postal Code	Latitude	Longitude								
WAR044701	Terminal 91 Uplands	3/1/2022	3/1/2022	3/1/2022	Yes - notified Ecology	2001 WEST GARFIELD STREET	Seattle	98119	47.63899	-122.38319	Direct report to your staff	Other (please describe)	Fire fighting foam	Other (please describe)	City of Seattle Fire Dept. response to dumpster fire outside	Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Firefighting foam
WAR044701	Terminal 91 Uplands	7/11/2022	7/11/2022	7/11/2022	Yes - notified Ecology	2002 WEST GARFIELD STREET	Seattle	98119	47.6344	-122.38332	Direct report to your staff	Sewage/septage/pet waste/human waste		Other commercial/industrial activity		Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Broken sanitary sewer line
WAR044701	Shilshole Bay Marina	1/10/2022	1/10/2022	1/10/2022	Yes - notified Ecology	7001 Seaview Ave NW	Seattle	98117	47.68489	-122.40325	Pollution hotline (phone, web, app)	Fuel and/or vehicle related fluids		Other accident/spill		Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Hydraulic fluid leak from trash compactor
WAR044701	Terminal 91 Uplands	11/14/2022	11/14/2022	11/14/2022	Yes - notified Ecology	2002 WEST GARFIELD STREET	Seattle	98119	47.6344	-122.38332	Direct report to your staff	Sewage/septage/pet waste/human waste		Other commercial/industrial activity		Observation (color/sheen/turbidity/floatables/odor)	Clean-up	Sewer line clogged with fish waste