### Water Quality Program

**Permit Submittal Electronic Certification**

**Permittee:** PORT OF SEATTLE  
**Site Address:** PIER 69  
Seattle, WA 98111

**Permit Number:** WAR044701  
**Submittal Name:** MS4 Annual Report Phase I Ports

**Version:** 1  
**Due Date:** 3/31/2019

#### Questionnaire

<table>
<thead>
<tr>
<th>Number</th>
<th>Permit Section</th>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>S9.E.5</td>
<td>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.</td>
<td>2018PhaseIAnnualReport_Att2Bou_1_03182019081052</td>
</tr>
<tr>
<td>2</td>
<td>S6.E.1.a</td>
<td>Made educational material available to tenants and employees. (S6.E.1.a)</td>
<td>Yes</td>
</tr>
<tr>
<td>3</td>
<td>S6.E.2</td>
<td>Made the annual report and most recent version of the SWMP Plan available on website. (S6.E.2)</td>
<td>Yes</td>
</tr>
<tr>
<td>4</td>
<td>S6.E.3.a</td>
<td>Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharges. (S6.E.3.a)</td>
<td>Yes</td>
</tr>
<tr>
<td>5</td>
<td>S6.E.3.b</td>
<td>Implemented policies to prohibit illicit discharges. (S6.E.3.b)</td>
<td>Yes</td>
</tr>
<tr>
<td>6</td>
<td>S6.E.3.b</td>
<td>Implemented an enforcement plan to ensure compliance with illicit discharge policies. (S6.E.3.b)</td>
<td>Yes</td>
</tr>
<tr>
<td>7</td>
<td>S6.E.3.c</td>
<td>Maintained mapping data for the features listed in S6.E.3.c?</td>
<td>Yes</td>
</tr>
<tr>
<td>10</td>
<td>S6.E.3.c.v</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>11</td>
<td>S6.E.3.d</td>
<td>Conducted field screening of at least 20% of the MS4 to detect illicit discharges and illicit connections? (S6.E.3.d)</td>
<td>Yes</td>
</tr>
<tr>
<td>12</td>
<td>S6.E.3.d</td>
<td>Implemented procedures to identify and remove illicit discharges and illicit connections? (S6.E.3.d)</td>
<td>Yes</td>
</tr>
<tr>
<td>13</td>
<td>S6.E.3.d</td>
<td>Number of illicit discharges, including illicit connections, eliminated during the reporting period? (S6.E.3.d)</td>
<td>9</td>
</tr>
<tr>
<td>13b</td>
<td>S6.E.3.d</td>
<td>Attach a summary of illicit discharges discovered and actions taken to eliminate the discharges. (S6.E.3.d)</td>
<td>2018PhaseIAnnualReport_Att3IDD_13b_03182019082308</td>
</tr>
<tr>
<td>14</td>
<td>S6.E.3.e</td>
<td>Implemented a spill response plan that includes coordination with a qualified spill responder? (S6.E.3.e)</td>
<td>Yes</td>
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<tr>
<td>15</td>
<td>S6.E.3.f</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>16</td>
<td>S6.E.4.a</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>17</td>
<td>S6.E.4.b</td>
<td>Ensured that all construction projects under the functional control of the Permittee obtained applicable NPDES permit coverage? (S6.E.4.b)</td>
<td>Yes</td>
</tr>
<tr>
<td>18</td>
<td>S6.E.4.c</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>19</td>
<td>S6.E.4.d</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>20</td>
<td>S6.E.4.e</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>21</td>
<td>S6.E.5.a</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>22</td>
<td>S6.E.5.b</td>
<td>Coordinated with local jurisdiction regarding projects owned or operated by other entities which discharge into the Permittee’s MS4? (S6.E.5.b)</td>
<td>Yes</td>
</tr>
<tr>
<td>23</td>
<td>S6.E.6.a</td>
<td>Implemented an operation and maintenance (O&amp;M) manual for all stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.6.a)</td>
<td>Yes</td>
</tr>
<tr>
<td>24</td>
<td>S6.E.6.a.i</td>
<td>Updated the O&amp;M manual following discovery or construction of new stormwater facilities? (S6.E.6.a.i)</td>
<td>Yes</td>
</tr>
<tr>
<td>26</td>
<td>S6.E.6.b</td>
<td>Inspected stormwater facilities listed in the O&amp;M manual and took appropriate maintenance action? (S6.E.6.b)</td>
<td>Yes</td>
</tr>
<tr>
<td>26b</td>
<td>S6.E.6.b</td>
<td>Number of stormwater facilities inspected during the reporting period?</td>
<td>1424</td>
</tr>
<tr>
<td>26c</td>
<td>S6.E.6.b</td>
<td>Number of maintenance actions taken during the reporting period?</td>
<td>159</td>
</tr>
<tr>
<td>27</td>
<td>S6.E.6.c</td>
<td>Provided appropriate training for maintenance staff? (S6.E.6.c)</td>
<td>Yes</td>
</tr>
<tr>
<td>29</td>
<td>S6.E.7.a</td>
<td>Updated Stormwater Pollution Prevention Plans (SWPPPs) as necessary? (S6.E.7.a)</td>
<td>Yes</td>
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<td>30</td>
<td>S6.E.7.d.</td>
<td>Inspected at least 20% of all sites covered by SWPPPs required under this permit? (S6.E.7.d.)</td>
<td>Yes</td>
</tr>
<tr>
<td>30b</td>
<td>S6.E.7.d.</td>
<td>Number of sites covered under SWPPPs?</td>
<td>45</td>
</tr>
<tr>
<td>30c</td>
<td>S6.E.7.d.</td>
<td>Number of sites inspected?</td>
<td>12</td>
</tr>
<tr>
<td>31</td>
<td>S6.E.7.f</td>
<td>SWPPPs include measures to prevent, identify and respond to illicit discharges, including illicit connections, spills and improper disposal? (S6.E.7.f)</td>
<td>Yes</td>
</tr>
<tr>
<td>32</td>
<td>S6.E.7.g</td>
<td>SWPPPs include a component related to inspection and maintenance of stormwater facilities and catch basins that is consistent with the O&amp;M Program? (S6.E.7.g)</td>
<td>Yes</td>
</tr>
<tr>
<td>33</td>
<td>S7</td>
<td>Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)</td>
<td>No</td>
</tr>
<tr>
<td>36</td>
<td>G20</td>
<td>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)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>37</td>
<td>G3</td>
<td>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)</td>
<td>Yes</td>
</tr>
<tr>
<td>38</td>
<td>G3.A</td>
<td>Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.</td>
<td>Yes</td>
</tr>
<tr>
<td>39</td>
<td>S4.F.3.d</td>
<td>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)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>41</td>
<td>S8.B.1.a</td>
<td>Submitted payment for participating in cost-sharing for regional stormwater monitoring program (RSMP) status and trends monitoring? (S8.B.1.a)</td>
<td>Yes</td>
</tr>
<tr>
<td>42</td>
<td>S8.B.1.b.iii</td>
<td>If choosing to conduct monitoring in accordance with S8.B.1.b, attach a data report in accordance with the approved QAPP per S8.B.1.b.iii? (Required to begin monitoring no later than October 1, 2015)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>43</td>
<td>S8.C.1</td>
<td>Submitted payment for participating in cost-sharing for RSMP effectiveness studies? (S8.C.1)</td>
<td>Yes</td>
</tr>
<tr>
<td>45</td>
<td>S8.C.2.b, Appendix 9</td>
<td>If choosing to conduct discharge monitoring in accordance with S8.C.2.b, attach an annual stormwater monitoring report per Appendix 9? (Submit reports beginning March 31, 2016).</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>46</td>
<td>S8.C.3.a</td>
<td>Submitted payment for participating in cost-sharing for RSMP effectiveness studies? (S8.C.3.a)</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>
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.

Sandra Kilroy

Signature

3/26/2019 2:04:52 PM

Date

| 51 | S8.D.1 | Submitted payment for participating in cost-sharing for the RSMP Source Identification Information Repository? (S8.D.1) | Yes |
APPENDIX 3 – Annual Report Questions for the Port of Seattle and the Port of Tacoma
VI. Status Report Covering Calendar Year 2018

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

---

1. YES X  NO NA
   **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.

   **Comments:** See Attachment 2 for jurisdictional boundary changes.

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S6.E Stormwater Management Program

S6.E.1 Education Program

2. YES X  NO
   Made educational material available to tenants and employees. (S6.E.1.a)

   **Comments:**

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S6.E.2 Public Involvement and Participation

3. YES X  NO
   Made the annual report and most recent version of the SWMP Plan available on website. (S6.E.2)

   **Comments:**

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S6.E.3 Illicit Discharge Detection and Elimination

4. YES X  NO
   Complied with all relevant ordinances, rules, and regulations of the local jurisdiction(s) that govern non-stormwater discharges. (S6.E.3.a)

   **Comments:**

5. YES X  NO
   Implemented policies to prohibit illicit discharges. (S6.E.3.b)

   **Comments:**

6. YES X  NO
   Implemented an enforcement plan to ensure compliance with illicit discharge policies. (S6.E.3.b)

   **Comments:**

See Attachment 2 for jurisdictional boundary changes.
<p>| | | |</p>
<table>
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</table>
| 7.**YES** | **NO** | Maintained mapping data for the features listed in S6.E.3.c?  
*Comments:*  
| 8.**YES** | **NO** | 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? (Required no later than December 31, 2017, S6.E.3.c.ii)  
*Comments:*  
| 9.**YES** | **NO** | Mapped known connections greater than or equal to 8 inches in nominal diameter to mapped tributary conveyances? (Required no later than December 31, 2017, S6.E.3.c.iii)  
*Comments:*  
| 10.**YES** | **NO** | 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)  
*Comments:*  
| 11.**YES** | **NO** | Conducted field screening of at least 20% of the MS4 to detect illicit discharges and illicit connections? (S6.E.3.d)  
*Comments: Field screening conducted for 25.7% of MS4*  
| 12.**YES** | **NO** | Implemented procedures to identify and remove illicit discharges and illicit connections? (S6.E.3.d)  
*Comments:*  
| 13.**YES** | **NO** | Number of illicit discharges, including illicit connections, eliminated during the reporting period: (S6.E.3.d)  
*Comments: 9 illicit discharges identified and eliminated in 2018*  
| 13b. |   | Attach a summary of illicit discharges discovered and actions taken to eliminate the discharges. (S6.E.3.d)  
*Comments: Summary included in Attachment 3*  

August 1, 2013  
*Modified August 19, 2016*  
*Appendix 3 – Annual Report Form for the Port of Seattle and the Port of Tacoma*  
*Page 2 of 10*
14. YES X NO  Implemented a spill response plan that includes coordination with a qualified spill responder? (S6.E.3.e)  

Comments:

15. YES X NO  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)  

Comments:

<table>
<thead>
<tr>
<th>S6.E.4 Construction Site Stormwater Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>16. YES X NO NA  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)</td>
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</table>

Comments:

<table>
<thead>
<tr>
<th>17. YES X NO</th>
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<tbody>
<tr>
<td>Ensured that all construction projects under the functional control of the Permittee obtained applicable NPDES permit coverage? (S6.E.4.b)</td>
</tr>
</tbody>
</table>

Comments:

| 18. YES X NO NA  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)  |

Comments:

| 19. YES X NO NA  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)  |

Comments:

| 20. YES X NO NA  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)  |

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

21. YES X NO  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)

Comments:

22. YES X NO  Coordinated with local jurisdiction regarding projects owned or operated by other entities which discharge into the Permittee’s MS4? (S6.E.5.b)

Comments:

S6.E.6 Operation and Maintenance Program

23. YES X NO  Implemented an operation and maintenance (O&M) manual for all stormwater treatment and flow control BMPs/facilities and catch basins? (S6.E.6.a)

Comments:

24. YES X NO  Updated the O&M manual following discovery or construction of new stormwater facilities? (S6.E.6.a.i)

Comments:

25. YES X NO  Updated maintenance standards, as necessary, per S6.E.6.a.ii? (Required no later than July 1, 2016)

Comments:

26. YES X NO  Inspected stormwater facilities listed in the O&M manual and took appropriate maintenance action? (S6.E.6.b)

Comments:

26b.  Number of stormwater facilities inspected during the reporting period: 1,424 facilities

Comments:
26c. Number of maintenance actions taken during the reporting period: 
   ____ . 159 maintenance actions

Comments:

27. YES X NO Provided appropriate training for maintenance staff? (S6.E.6.c)

Comments:

28. YES X NO Maintained records of inspections and maintenance activities? (S6.E.6.d)

Comments:

S6.E.7 Source Control in existing Developed Areas

29. YES X NO Updated Stormwater Pollution Prevention Plans (SWPPPs) as necessary? (S6.E.7.a)

Comments:

30. YES X NO Inspected at least 20% of all sites covered by SWPPPs required under this permit? (S6.E.7.d.)

Comments: 26.7% of sites inspected

30b. Number of sites covered under SWPPPs: ____45____

Comments:

30e. Number of sites inspected: ____12____

Comments:

31. YES X NO SWPPPs include measures to prevent, identify and respond to illicit discharges, including illicit connections, spills and improper disposal? (S6.E.7.f)

Comments:

32. YES X NO 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)

Comments:
### S7. Compliance with Total Maximum Daily Load Requirements

<table>
<thead>
<tr>
<th></th>
<th>YES</th>
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<tbody>
<tr>
<td>33.</td>
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<td>Is there an approved Total Maximum Daily Load (TMDL) applicable to stormwater discharges from a MS4 owned or operated by the Permittee? (S7)</td>
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<td>Comments:</td>
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<tr>
<th></th>
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<tr>
<td>34.</td>
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<td>Complied with the specific requirements identified in Appendix 2. (S7.A)</td>
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<td>Comments:</td>
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<tbody>
<tr>
<td>35.</td>
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<td>Attached status report of TMDL implementation. (S7.A)</td>
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<td>Comments:</td>
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### General Conditions

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<td>36.</td>
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<td>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)</td>
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<td>Comments:</td>
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<tr>
<td>37.</td>
<td>X</td>
<td>NO</td>
<td></td>
<td>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 )</td>
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<td>Comments:</td>
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<tbody>
<tr>
<td>38.</td>
<td>X</td>
<td>NO</td>
<td></td>
<td>Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.</td>
<td></td>
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<tr>
<td>Comments:</td>
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### S4 Compliance with Standards

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<td>39.</td>
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<td>If applicable, attached a summary of the status of implementation of any</td>
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</table>

Comments:
NA X  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)

*Comments:*

### S8 Monitoring and Assessment

40. **YES** X **NO**  
NA  
**Attach** a description of any stormwater monitoring or stormwater-related studies per S8.A?

*Comments:* Summary included in Attachment 4

41. **YES** X **NO**  
Submitted payment for participating in cost-sharing for regional stormwater monitoring program (RSMP) status and trends monitoring? (S8.B.1.a)

*Comments:*

42. **YES**  
**NO**  
NA X  
If choosing to conduct monitoring in accordance with S8.B.1.b, **attach** a data report in accordance with the approved QAPP per S8.B.1.b.iii? (Required to begin monitoring no later than October 1, 2015)

*Comments:*

43. **YES** X **NO**  
Submitted payment for participating in cost-sharing for RSMP effectiveness studies? (S8.C.1)

*Comments:*

44. **YES**  
**NO**  
NA X  
If choosing to conduct stormwater discharge monitoring in accordance with S8.C.2.b, submitted a QAPP to Ecology no later than February 2, 2014? (S8.C.2.c)

*Comments:*

45. **YES**  
**NO**  
NA X  
If choosing to conduct discharge monitoring in accordance with S8.C.2.b, **attach** an annual stormwater monitoring report per Appendix 9? (Submit reports beginning March 31, 2016).
### Comments:

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>46. <strong>YES</strong></td>
<td><strong>NO</strong></td>
<td>NA</td>
<td>X</td>
</tr>
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<tr>
<td>47. <strong>YES</strong></td>
<td><strong>NO</strong></td>
<td>NA</td>
<td>X</td>
</tr>
<tr>
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<tr>
<td>48. <strong>YES</strong></td>
<td><strong>NO</strong></td>
<td>NA</td>
<td>X</td>
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<tr>
<td>49. <strong>YES</strong></td>
<td><strong>NO</strong></td>
<td>NA</td>
<td>X</td>
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<tr>
<td>50. <strong>YES</strong></td>
<td><strong>NO</strong></td>
<td>NA</td>
<td>X</td>
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<td></td>
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<tr>
<td>51. <strong>YES X NO</strong></td>
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</tbody>
</table>

Submitted payment for participating in cost-sharing for RSMP effectiveness studies? (S8.C.3.a)

Submitted a detailed study proposal to Ecology no later than February 2, 2014 per S8.C.3.b.i?

Submitted a QAPP to Ecology within 120 days of Ecology’s approval of the detailed study proposal? (S8.C.3.b.ii)

Began full implementation of the study no later than six months following QAPP approval? (S8.C.3.b.iii)

Attach interim results and status report. (S8.C.3.b.iv)

Submitted payment for participating in cost-sharing for the RSMP Source Identification Information Repository? (S8.D.1)
1A. Re-Delegation of Administrative Non-Monetary Authority

1B. Electronic Signature Agreement Form
MEMORANDUM

Date: 8/31/2018

To: Stephen Metruck, Executive Director

From: Sandra Kilroy, Director Maritime Environment & Sustainability, Center of Expertise
Jane Dewell, Maritime Stormwater Program Manager

Re: REDELEGATION OF ADMINISTRATIVE NON-MONETARY AUTHORITY UNDER EX-2A
FROM CORPORATE MANAGING DIRECTORS TO DIRECTORS

Please find enclosed a redelegation for your signature. Signing this will allow signing and certification of routine documents required by stormwater permits at the Director’s level.

The State of Washington’s National Pollution Discharge Elimination System (NPDES) Wastewater Discharge Permits for Maritime/Real Estate facilities requires that all applications, reports, or information submitted to Washington State Department of Ecology be signed and certified by either a principal executive office or ranking elected official unless delegated in writing. The Executive Director, under the authority granted under Commission Resolution No. 3605 has delegated that authority to the Division Director. Port policy delegations below the Division Director level must be approved in writing by the appropriate Division or Corporate Executive Director and the Executive Director.

We recommend that you execute this redelegation to allow individuals more closely involved in this work to sign document. These permits require frequent submittals with specific deadlines.

<table>
<thead>
<tr>
<th>Signature Requirement</th>
<th>Signature Certification Required by</th>
<th>Delegation to</th>
</tr>
</thead>
<tbody>
<tr>
<td>All NPDES* applications, reports, or information submitted to Ecology</td>
<td>Executive Director</td>
<td>Resolution 3605 has delegated this authority to the Division Director</td>
</tr>
<tr>
<td></td>
<td>Stephen Metruck</td>
<td>1. David McFadden – Economic Development</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Stephanie Jones Stebbins – Maritime properties</td>
</tr>
<tr>
<td>Division Director 1. David McFadden – Economic Development 2. Stephanie Jones Stebbins – Maritime properties</td>
<td></td>
<td>This Redelegation delegates authority to Director level</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Skip Himes – Maintenance Stormwater NPDES permits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Sandra Kilroy – Municipal Stormwater NPDES permits</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Scott Silcox – Signing of online electronic documents</td>
</tr>
</tbody>
</table>

*Note: *NPDES – National Pollution Discharge Elimination System

If you have any questions, please contact Jane Dewell at x 4668 for more information.
REDELEGATION OF ADMINISTRATIVE NON-MONETARY OF AUTHORITY UNDER EX-2A FROM CORPORATE MANAGING DIRECTORS TO DIRECTORS

Signing Authority for the following:

1.4.7 Permit related documents necessary for the division’s facilities or projects and all documents necessary for the implementation of such permits, including restrictive covenants required by the permitting authority;

Authorized by:

[Signature]
Stephen Metruck – Executive Director

[Signature]
David McFadden - Managing Director Economic Development

[Signature]
Stephanie Jones Stebbins - Managing Director, Maritime

Attachment – EX-2A

Attachment – G19 CERTIFICATION AND SIGNATURE
ADMINISTRATIVE NON-MONETARY REDELEGATION OF AUTHORITY FROM THE CHIEF
EXECUTIVE OFFICE TO STAFF

EX-2A supplements EX-2 Administrative, Monetary and Contractual Redegregation of Authority
from the Chief Executive Officer to Staff.

1. STATEMENT OF THE POLICY

This policy addresses the Chief Executive Officer's (CEO) redelegation to specific members of
Port staff of portions of day-to-day management and administrative authority that the Port of
Seattle Commission has delegated to the CEO in Commission Resolution No. 3605.

A. Purpose

The purpose of this policy is to address non-monetary administrative authority and
reporting requirements, as is necessary and advisable in the efficient exercise of such authority
granted under Resolution No. 3605.

B. General Comments

1. The CEO hereby delegates the administrative non-monetary authority under the
specific subsections of Resolution No. 3605 to Division Directors and Corporate Executive
Directors, as defined in EX-2, and to the Assistant to the CEO.

2. The delegation to each Director is limited to the division and corporate department
for which each Director is responsible. Provided however, the delegation to Managing Director
of Capital Development Division is not limited to the Capital Development Division with respect
to procurement and contract administration duties.

3. The CEO may at any time rescind or suspend all or any portion of the delegated
authority conferred upon Port staff under this Delegation.

4. Redegulations from the Division Directors, Corporate Executive Directors and
Assistant to the CEO to their staff must be in writing and should be based on essential job
functions of a position and consistent with the CEO's delegation to the particular Division
Director, Corporate Executive Director or Assistant to the CEO.

5. All delegations below the Division or Corporate Executive Director and Assistant to
the CEO level must be approved in writing by the appropriate Division or Corporate Executive
Director, or Assistant to the CEO and the Chief Executive Officer.

C. Specific Delegations to Division Directors:

1.4.1 Operation, maintenance, administration and use of the Port's seaport terminals,
airport and other properties and facilities within the division;
1.4.3 Implementation of construction work and alterations and improvements to the division's real estate and physical facilities and necessary planning incidental thereto;

1.4.4 Administration of the division's day-to-day "Normal Port Operations," which include personnel administration pursuant to applicable Port policies, procedures and collective bargaining agreements (including salary, wage and benefit matters, collective bargaining agreement negotiations and modifications, task and project assignments, hiring, firing, training, grievance procedures, diversity training and enhancement programs, employee enrichment and improvement, etc., as applicable).

1.4.6 Execution of documents related to the division's Normal Port Operations, except for contracts under the EX-2 delegation of monetary and contractual authority;

1.4.7 Permit related documents necessary for the division's facilities or projects and all documents necessary for the implementation of such permits, including restrictive covenants required by the permitting authority;

1.4.8 Application for and acceptance of division grants or other funds from federal, state or local governments; and

1.4.9 Delivery of services essential to the mission of the division; financial and accounting related matters, including requests for credit; check requests; and all other administrative matters, as applicable to the functions of the division.

2.5 COMPLIANCE WITH REAL PROPERTY AGREEMENTS – Delegation limited to the giving of all notices provided for in real property agreements and subject to EX-2 monetary delegations.

2.6 REAL PROPERTY AGREEMENT SECURITY AND INSURANCE – Take all necessary actions in connection with real property agreements (Agreements) surety bonds, letters of credit, cash deposits or other security and insurance coverage required under Agreements, including, but not limited to:

2.6.1 Release Agreement security (i) where adequate substitute security has been provided and the Agreement is not in default or (ii) when an Agreement has expired or is terminated (for other than a default).

2.6.2 Approve terms of any Agreement security

2.6.3 In appropriate circumstances, at the discretion of designee, reduce the dollar amount of security required for leases that have terms of five (5) or fewer years.

3.2 REAL PROPERTY ACQUISITIONS – After the Port Commission authorizes the acquisition of real property by negotiated purchase or condemnation, authorization to take all necessary steps, including executing all required conveyance, escrow and closing documents to finalize the transaction and obtain title of the property. The acquisition price (i) of individual properties and (ii) of several properties under the same ownership (when acquired in the same transaction) shall in no case exceed the Port's appraisal by more than ten percent (10%) without further specific Port Commission approval.

3.3 REAL PROPERTY SALES – After the Port Commission authorizes the sale of Port real property in accordance with State law and Commission policy, authorization to take all necessary steps to finalize the transaction, including executing all required conveyance, escrow and closing documents to finalize the sale.
6.1 CONTRACT ADMINISTRATION - Contract administration related to the mission of the division, including the preparation, negotiation and management of Port contracts subject to all applicable laws and Port policies and procedures;

8.1 UTILIZATION OF PORT CREWS - Use necessary workers for operation and maintenance of facilities pursuant to Commission approved labor agreements and the Pacific Coast Longshoremen’s and Warehousemen’s, Clerks’ and Foremen’s agreements (provided long shore labor may be hired through stevedoring contractors to provide services offered in Port tariffs); apply for and maintain Port membership in the Pacific Maritime Association.

14. ISSUANCE OF TARIFFS - Issue tariffs and tariff amendments as necessary, and provide notice of amendments to the Port Commission prior to implementation.

15. RULES AND REGULATIONS - Adopt any administrative rules and regulations necessary for the efficient operation of the Port and report such rules and regulations to the Port Commission prior to implementation, including any amendments to the Seattle-Tacoma International Airport rules and regulations adopted under Resolution No. 2801.

17. TRAVEL - Approve domestic travel for employees in order to effectuate necessary normal Port operations. Any expense reimbursement for authorized Port-related travel must follow requirements under Port Commission resolutions and other Port policies and guidelines for domestic and international travel. All international travel must be approved by the CEO.

D. Specific Delegations to Corporate Executive Directors:

1.4.4 Administration of the department’s day-to-day “Normal Port Operations,” which include personnel administration pursuant to applicable Port policies, procedures and collective bargaining agreements (salary, wage and benefit matters, collective bargaining agreement negotiations and modifications, task and project assignments, hiring, firing, training, grievance procedures, diversity training and enhancement programs, employee enrichment and improvement, etc. as applicable).

1.4.6 Execution of documents related to the department’s Normal Port Operations, except for contracts under the EX-2 delegation of monetary and contractual authority;

1.4.8 Application for, acceptance and draw-down of department grants or other funds from federal, state or local governments; and

1.4.9 Delivery of services essential to the mission of the department; financial and accounting related matters, including payroll; accounts receivable; requests for credit; check requests; filing bankruptcy claims; filing against agreement security on delinquent accounts; and all other administrative matters, as applicable to the functions of the department.

6.1 CONTRACT ADMINISTRATION - Contract administration related to the mission of the department, including the preparation, negotiation and management of Port contracts subject to all applicable laws and Port policies;

9. LEGAL SERVICES/CLAIMS – As provided in Resolution 3605.

10. ADJUSTMENT AND WRITE-OFF OF ACCOUNTS RECEIVABLE - Adjustment and write-off of accounts receivable for valid operational reasons which do not constitute a gift of public
funds and in accordance with Port policies and procedures, including the monetary limitations in EX-2.

12. **INSURANCE PROGRAMS** - Negotiate and obtain appropriate policies of insurance to cover Port property, liability, employee coverages, and other areas appropriately included within a comprehensive insurance program, including changes or modifications, and subject to the monetary limitations under EX-2. Keep Commission informed of the Port’s insurance program and any changes or modifications thereto.

13. **TRADE DEVELOPMENT PROGRAMS** - Develop and carry out programs of trade development, tourism, tourism promotion, advertising and promotion consistent with statutory limitations, Port policies and procedures, including EX-2 limitations.

17. **TRAVEL** - Approve domestic travel for employees in order to effectuate necessary normal Port operations. Any expense reimbursement for authorized Port-related travel must follow requirements under Port Commission resolutions and other Port policies and guidelines for domestic and international travel. All international travel must be approved by the CEO.

19. **WORKING FUNDS** - Establish working funds, including petty cash and change funds, consistent with EX-2 and other Port policies and procedures.

E. **Specific Delegations to Managing Director of Capital Development Division**:

6.1 **CONTRACT ADMINISTRATION** —
(a) Authority to grant waivers of competitive bidding requirements for: purchases under sole source contracts; purchases involving special facilities or market conditions; purchases in the event of an emergency; and emergency public works, in accordance with applicable laws and Port policies;
(b) Authority to grant waivers of Equal Benefit Requirements as provided in sections 2.7 and 2.8 of Resolution No. 3549, as amended; and
(c) Authority, with concurrence of General Counsel to grant, in writing, project specific or one-time waiver, to procedures identified in CPO-1 and other Port procurement procedures.

F. **Specific Delegations to the Assistant to the CEO**:

1.4.4 Administration of the Executive Department day-to-day administrative functions, including administration and supervision of the department’s administrative staff pursuant to applicable Port policies and procedures.

1.4.6 Execution of documents related to the Executive Department’s administrative functions, except for contracts under the EX-2 delegation of monetary and contractual authority.

1.4.9 Delivery of services essential to the administration of the Executive Department such as, financial and accounting related matters, including processing payroll; check requests; promotional hosting authorizations pursuant to AC-4 and Resolution No. 2779; and all other administrative matters applicable to the functions of the Executive Department.
17. TRAVEL - Approve domestic travel requests for Executive Department administrative staff. Any expense reimbursement for authorized Port-related travel must follow requirements under Port Commission resolutions and other Port policies and guidelines for domestic and international travel. Process international travel requests for approval by the CEO.
Attachment – G19. CERTIFICATION AND SIGNATURE

All formal submittals to Ecology shall be signed and certified.

A. All permit applications shall be signed by either a principal executive officer or ranking elected official.

B. All formal submittals required by this Permit shall be signed by a person described above or by a duly authorized representative of that person. A person is a duly authorized representative only if:
   1. The authorization is made in writing by a person described above and submitted to Ecology, and
   2. The authorization specifies either an individual or a position having responsibility for the overall development and implementation of the storm management program. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.)

C. Changes to authorization. If an authorization under General Condition G19.B.2 is no longer accurate because a different individual or position has responsibility for the overall development and implementation of the stormwater management program, a new authorization satisfying the requirements of General Condition G19.B.2 must be submitted to Ecology prior to or together with any reports, information, or applications to be signed by an authorized representative.

D. Certification. Any person signing a formal submittal under this permit must make the following certification:

   “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 gathered and evaluated 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 willful violations.”

---

1 Phase I Municipal Stormwater Permit, State of Washington Department of Ecology, Issuance Date: August 1, 2012, Modification Date: August 19, 2016; Section G19, Certification and Signature.
**Electronic Signature Agreement Form**

**Washington State Department of Ecology Water Quality Program**

- Headquarters: (360) 407-7097
- Web site: www.ecy.wa.gov/programs/wq

<table>
<thead>
<tr>
<th>For Ecology Use Only</th>
<th>Date Received:</th>
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<tr>
<td>Form</td>
<td>Reviewed</td>
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<tr>
<td>ESAF</td>
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</tbody>
</table>

### 1. Site Location Information

If you are applying for multiple facilities/permits, please include a list containing the site location information and permit numbers for all requested facilities/permits.

- **Site/Facility Name:** Port of Seattle
- **Site Location Address:** 2711 Alaskan Way
- **City/State/Zip:** Seattle, Washington 98121
- **Permit Number:** WAR044701

### 2. Electronic Signer Contact Information

- **Role:** Facility Signer □ Facility Coordinator
- **Signature Account User Name:** kilroy.s@portseattle.org
- **Full Name:** Sandra Kilroy
- **Work Mailing Address:** 2711 Alaskan Way
- **City/State/Zip:** Seattle, WA 98121
- **Work Phone No. (Ext.):** (206) 787-5854
- **Work Email Address:** kilroy.s@portseattle.org

### 3. Proof of Identity

Please include a copy of one of the following documents, with your name on the document, with your ESAF to prove your association with the facility(ies).

- Your permit's letter of coverage
- Your permit's cover sheet
- A previously submitted DMR
- A correspondence from Ecology that has both the facility name and permit number on the same page
- Signature authority delegation letter signed by the permittee (responsible official).

### 4. Electronic Signature Agreement and Certification Statement

By completing and submitting this form to Ecology, I agree to follow the rules and procedures governing the Electronic Signature account. I also agree that the reports and documents I submit under my Electronic Signature will be used as the corresponding paper report would. I want to submit the following report(s) or document(s) using WQWebPortal with an electronic signature.

- [ ] Discharge Monitoring Reports/Submittals
- [ ] Notice of Intent (Permit Applications)
- [ ] Certificate of No Exposure

### 5. Clean Water Act Certification Statement

All submittals to the Department of Ecology under this WQWebPortal application are subject to the following certification, as required by federal and state regulations:

_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. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete and I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations._
6. Certification Statement

I agree that I will:

- Protect my Electronic Signature account, which includes my answers to the verification questions and my password;
- Review the content and meaning of my submitted Annual Reports and Notifications;
- Within 24 hours of discovery, report to Ecology if:
  o My Electronic Signature account is lost, stolen or used by someone else;
  o There is any difference between the information I submitted and the information displayed in WebDMR;
  o My role as a signer for this organization changes.

Agree: [Signature] (initial here)

I agree that I will not:

- Let anyone else use my Electronic Signature account.

Agree: [Signature] (initial here)

7. Signature of Electronic Signer

Electronic Signer’s Signature

Sandra Kilroy

Name (print or type)

Date: 2/26/2019

Director, Maritime Environment & Sustainability

Title

8. Signature of Permittee (Responsible Official)

I, __________________________ (insert name of permittee or responsible official) acknowledge that the individual named above works at/for __________________________ (insert site/facility name) and is authorized to submit documents on the site’s/facility’s behalf. I understand that I will be contacted by Ecology to validate the account holder’s employment at the site/facility name listed above.

Signature

Date

Name (print or type)

Title

Note: You may skip this section if the responsible official has written, signed, and attached a delegation letter to this form or if the responsible official completes this form.

9. Assign Administrator

I, ________________________ (insert name of permittee or responsible official) acknowledge that ________________________ (person being assigned) is authorized to be an administrator on the site's/facility's behalf. I understand that I will be contacted by Ecology to validate the account holder’s employment at the site/facility name listed above.

________________________________________
Signature

________________________________________
Date

________________________________________
Name (print or type)

________________________________________
Title

Note: You may skip this section if the responsible official has written, signed, and attached a delegation letter to this form, if the responsible official completes this form, or if the responsible official is not assigning a person to the administrator role.

Mail the signed electronic signature agreement and additional document(s) to one of the following Ecology office.

Stormwater Permit Facilities – Industrial and Construction Stormwater

Washington Department of Ecology
Water Quality Program Stormwater Unit
PO Box 47696
Olympia, WA 98504-7696
360-407-7097

Major Industrial Unit

Washington Department of Ecology
Major Industrial Unit
PO Box 47600
Olympia, WA 98504-7600
360-407-6945

For all other permits, please contact one of the follow offices.

Clallam, Clark, Cowlitz, Grays Harbor, Jefferson, Mason, Lewis, Pacific, Pierce, Skamania, Thurston, and Wahkiakum counties

Washington Department of Ecology
Water Quality Program - SWRO
PO Box 47775
Olympia, WA 98504-7775
360-407-6300

Adams, Asotin, Columbia, Ferry, Franklin, Garfield, Grant, Lincoln, Pend Oreille, Spokane, Stevens, Walla Walla, and Whitman counties

Washington Department of Ecology
Water Quality Program - ERO
N. 4601 Monroe
Spokane, WA 99205-1295
509-329-3400

Benton, Chelan, Douglas, Kittitas, Klickitat, Okanogan, and Yakima counties

Washington Department of Ecology
Water Quality Program - CRO
1250 W ALDER ST
UNION GAP WA 98903-0009
509-575-2490

Island, King, Kitsap, San Juan, Skagit, Snohomish, and Whatcom counties

Washington Department of Ecology
Water Quality Program - NWRO
ATTN: Chris Smith
3190 - 160th Ave. SE
Bellevue, WA 98008-5452
425-649-7000
1. Salmon Bay Marina

The Port of Seattle purchased the Salmon Bay Marina from a private owner. This facility is located adjacent to the northwest corner of Fishermen’s Terminal. The property transfer occurred with County recording on June 8, 2018.

2. Terminal 18 Street Vacations

In coordination with the Port of Seattle, the City of Seattle vacated certain streets on Terminal 18 (Harbor Island). Seattle Ordinance 125734 vacated portions of 11th Avenue Southwest, 13th Avenue Southwest, Southwest Hanford Street, and Southwest Florida Street. Final action on this ordinance was completed December 14, 2018.
### Phase I Municipal Stormwater Permit Number WAR044701
#### Attachment #3 – Illicit Discharges Identified and Resolved

<table>
<thead>
<tr>
<th>IDDE Incident Number</th>
<th>Date</th>
<th>Facility</th>
<th>IDDE Description</th>
<th>Port Actions Taken</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1/24/2018</td>
<td>P69</td>
<td>A boom truck at Pier 69 had a hydraulic oil leak and a small diesel spill.</td>
<td>Pier 69 Labor Crew Chief cleaned up the diesel and Port personnel contained and cleaned up the hydraulic oil leak. No oil reached the stormwater system or receiving water body.</td>
<td>Resolved</td>
</tr>
<tr>
<td>2</td>
<td>1/26/2018</td>
<td>FT</td>
<td>Operations staff at Fishermen's Terminal observed an unknown sheen entering CB 8039.</td>
<td>While Port personnel cleaned the catch basin and began pressure washing the area with the oil sheen, empty discarded cases of oil were found in municipal solid waste dumpsters with visible oil underneath. One dumpster had cracks that allowed the leaks to occur. The area under the dumpsters was cleaned and absorbent pads were placed under a leaky dumpster. The contaminated catch basin insert was replaced with a new insert. Stormwater Program Manager followed up with FT Operations staff regarding BMPs and requesting a new dumpster from the waste management company.</td>
<td>Resolved</td>
</tr>
<tr>
<td>3</td>
<td>1/26/2018</td>
<td>T18</td>
<td>Port police reported a spill from a pickup truck. Port police reported a member of the public servicing his/her vehicle at Terminal 18 Park to Port of Seattle Maritime Dispatch.</td>
<td>Port personnel responded immediately and found oil and antifreeze trailing from the pickup truck into CB 4987. The truck had stopped leaking and repairs were made. Port personnel cleaned the area and the catch basin. No contamination travelled downstream of the catch basin.</td>
<td>Resolved</td>
</tr>
<tr>
<td>4</td>
<td>3/1/2018</td>
<td>T91</td>
<td>Port personnel observed a parked truck that had leaked oil into CB 1011.</td>
<td>Port personnel immediately used absorbents to clean up the oil inside the catch basin. The oil did not exit the catch basin. The surrounding area around the parked truck was cleaned as well. Terminal 91 Operations spoke with the truck operator to not park over the catch basin and examine the vehicle before returning it to the storage site.</td>
<td>Resolved</td>
</tr>
<tr>
<td>5</td>
<td>6/13/2018</td>
<td>T115</td>
<td>Port tenant reported a diesel spill at Terminal 115 exit row to Port of Seattle Maritime Dispatch.</td>
<td>Port personnel responded immediately and found evidence of diesel in CB 323, CB 322, and CB 313 and receiving water body. Port personnel notified NRC and dispatched a vactor truck to clean the 3 catch basins. Department of Ecology responded and concurred all necessary actions were completed.</td>
<td>Resolved</td>
</tr>
<tr>
<td>6</td>
<td>8/2/2018</td>
<td>T91</td>
<td>Port consultants observed grease and oil/grease-contaminated material on and adjacent to CB 5168 and CB10085 during an annual SWPPP inspection. Port personnel were notified the same day. There was not an evident source due to lack of activity in the area.</td>
<td>Port personnel changed out catch basin filters in both catch basins and did not observe any pollutants beyond the filters. The catch basin grates were cleaned off and contaminated materials were discarded.</td>
<td>Resolved</td>
</tr>
<tr>
<td>7</td>
<td>9/27/2018</td>
<td>T91</td>
<td>Port personnel observed brown liquid entering CB 864 and CB 867. They found the source to be a 2&quot; hose from an operating water metal cutting table inside an adjacent building.</td>
<td>Port personnel immediately cleaned the area. The tenant conducting this illicit activity was told to stop the activity immediately. Stormwater Program Manager and Property Manager conducted a site visit on 10/11/18 to reiterate allowable activities and illicit activities on Port property to the tenant.</td>
<td>Resolved</td>
</tr>
<tr>
<td>8</td>
<td>10/15/2018</td>
<td>T91</td>
<td>Port of Seattle Maritime Dispatch was notified of leaks at Terminal 91. Upon arrival, Port personnel found sticky residue left in an area where a municipal solid waste dumpster had been stored. The material reached the deck drain.</td>
<td>Port personnel cleaned the area, deck plugs were installed and the US Coast Guard was notified of the material reaching the deck drain. Terminal 91 Operations reminded tenants to request dumpsters with covers from waste management providers.</td>
<td>Resolved</td>
</tr>
<tr>
<td>IDDE Incident Number</td>
<td>Date</td>
<td>Facility</td>
<td>IDDE Description</td>
<td>Port Actions Taken</td>
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</tr>
<tr>
<td>9</td>
<td>10/18/2018</td>
<td>T91</td>
<td>Port personnel observed brown liquid entering CB 867. They found the source to be a 2&quot; hose from under a garage door at a welding/fabrication shop.</td>
<td>Port personnel informed the Property Manager who reiterated that wastewater or any kind of dirty water from washing activities cannot be discharged to the Port's stormwater system to the tenant. The Port conducted multiple site visits to aid the tenant in environmental and stormwater-related requirements.</td>
<td>Resolved</td>
</tr>
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</table>
1. Terminal 10 Annual Stormwater Treatment System O&M

In 2011, the Port completed redevelopment activities at Terminal 10, which included the design and installation of stormwater treatment vaults. Ongoing maintenance and evaluation of the stormwater treatment system is required by the United States Environmental Protection Agency (EPA), with associated reporting. An Operations and Maintenance (O&M) report for 2018, as described in the Stormwater Pollution Prevention Plan for Terminal 10, was completed in February 2019 and provided to the EPA and Lockheed as part of long-term monitoring in the Lower Duwamish Waterway.

2. Terminal 102 Roof Runoff/Downspout Study

In 2016, the Port collected stormwater samples discharging from distinct downspouts at Terminal 102 and were analyzed for total copper and total zinc. Turbidity and pH field measurements were taken. The analytical results suggest that the roofs are a minor source for the target chemicals of concern and turbidity. Barrels with oyster shells were installed on the downspouts for Buildings A and B in February 2017. Multiple stormwater sampling events have taken place in 2017 and 2018 to evaluate effectiveness of the oyster shell barrels. Stormwater monitoring will continue in 2019.

3. Terminal 117

The Port conducted continued monitoring of Terminal 117 throughout the year in accordance with the Interim Stormwater Control and Monitoring Plan developed for the site in February 2016 with the EPA. Monitoring, including site inspections and field turbidity measurements, were completed in 2018.

4. Industrial Stormwater General Permit (ISGP) Permitted Facilities

As required by the ISGP, quarterly stormwater benchmark monitoring occurred in 2018 at ISGP-permitted facilities on Port of Seattle property. Additional stormwater monitoring occurred at ISGP-permitted facilities, as described below:

   a. Terminal 5 Transit Shed Roof Downspout Study - Downspout treatment was installed at locations along the north side of the transit shed in late 2017. Stormwater sampling to determine the effectiveness of the treatment occurred in 2017 and 2018. Stormwater monitoring will continue in 2019.