



# Water Quality Program

## Permit Submittal Electronic Certification

**Permittee:** BRIER CITY OF

**Permit Number:** WAR045508

**Site Address:** 2901 228TH ST SW  
Brier, WA 98036-8321

**Submittal Name:** MS4 Annual Report Phase II Western

**Version:** 1

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

### Questionnaire

| Number | Permit Section    | Question                                                                                                                                                                                                | Answer                                                                                                                                                                                                                                                                                                            |
|--------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | S5.A.2            | Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)                                                                                                                          | Brier SWMP 2019<br>_1_03292019101112                                                                                                                                                                                                                                                                              |
| 2      | S9.D.5            | Attach a copy of any annexations, incorporations or boundary changes resulting in an increase or decrease in the Permittee's geographic area of permit coverage during the reporting period per S9.D.5. | Not Applicable                                                                                                                                                                                                                                                                                                    |
| 3      | S5.A.3            | Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.                                                      | Yes                                                                                                                                                                                                                                                                                                               |
| 4      | S5.A.5.b          | Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)                                                                                            | Yes                                                                                                                                                                                                                                                                                                               |
| 5      | S5.C.1.a.i and ii | Attach description of public education and outreach efforts conducted per S5.C.1.a.i and ii.                                                                                                            | S.5.C.1.a.i and ii<br>Education<br>a_5_03272019090055                                                                                                                                                                                                                                                             |
| 6      | S5.C.1.b          | Created stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.1.b.                                                     | Yes                                                                                                                                                                                                                                                                                                               |
| 8      | S5.C.2.a          | Describe the opportunities created for the public to participate in the decision making processes involving the development, implementation and updates of the Permittee's SWMP. (S5.C.2.a)             | The city made all associated documents available to the public at City Hall and on the City's website. An email address and phone number are available on the City's website to contact the Public Works Department. Opportunities were also available to speak at City Council and Planning Commission meetings. |
| 9      | S5.C.2.b          | Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.2.b)                                                                                                  | Yes                                                                                                                                                                                                                                                                                                               |
| 9b     | S5.C.2.b          | List the website address.                                                                                                                                                                               | <a href="http://ci.brier.wa.us/publicworks/stormwater.htm">http://ci.brier.wa.us/publicworks/stormwater.htm</a>                                                                                                                                                                                                   |

|     |                 |                                                                                                                                                                                                                                                           |                                                                                                                                                               |
|-----|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10  | S5.C.3.a.i - vi | Maintained a map of the MS4 including the requirements listed in S5.C.3.a.i.-vi.                                                                                                                                                                          | Yes                                                                                                                                                           |
| 11  | S5.C.3.b.v      | Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.C.3.b. (S5.C.3.b.v)                                                                                | Yes                                                                                                                                                           |
| 12  | S5.C.3.b.vi     | Updated, if necessary, the regulatory mechanism to effectively prohibit illicit discharges into the MS4 per S5.C.3.b.vi. (Required no later than February 2, 2018)                                                                                        | Yes                                                                                                                                                           |
| 12b |                 | Cite the Prohibited Discharges code reference                                                                                                                                                                                                             | Brier Municipal Code 14.04.080                                                                                                                                |
| 13  | S5.C.3.c.i      | Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.3.c.i.                                                                                                                                                     | Yes                                                                                                                                                           |
| 13b | S5.C.3.c.i      | Cite methodology                                                                                                                                                                                                                                          | The City uses the methodology described in "Illicit Discharge Detection and Elimination: A guidance Manual for Program Development and Technical Assessments. |
| 14  | S5.C.3.c.i      | Percentage of MS4 coverage area screened in reporting year per S5.C.3.c.i. (Required to screen 40% of MS4 no later than December 31, 2017 (except no later than June 30, 2018 for the City of Aberdeen) and 12% on average each year thereafter. (S5.C.3) | 100                                                                                                                                                           |
| 15  | S5.C.3.c.ii     | List the hotline telephone number for public reporting of spills and other illicit discharges. (S5.C.3.c.ii)                                                                                                                                              | 425-775-5440                                                                                                                                                  |
| 15b | S5.C.3.c.ii     | Number of hotline calls received.                                                                                                                                                                                                                         | 0                                                                                                                                                             |
| 16  | S5.C.3.c.iii    | Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.3.c.iii.                                                                                                                                                 | Yes                                                                                                                                                           |
| 17  | S5.C.3.c.iv     | Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. (S5.C.3.c.iv)                                                                                                 | Yes                                                                                                                                                           |

|     |             |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 17b | S5.C.3.c.iv | Describe the information sharing actions. (S5.C.3.c.iv)                                                                                                                                                                                          | The City uses multiple methods to inform the public, employees, and businesses of hazards associated with illicit discharges. City employees are provided information regarding illicit discharges during monthly safety meetings including potential hazards of the discharges. Articles have been included in the City's newsletter about the hazards of illicit discharges and improper disposal of waster. Flyers are and brochures are available at City Hall. |
| 18  | S5.C.3.d    | Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.3.d.                                                                                                                               | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 19  | S5.C.3.d.iv | Number of illicit discharges, including illicit connections, eliminated during the reporting year. (S5.C.3.d.iv)                                                                                                                                 | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 20  | S5.C.3.d.iv | Attach a summary of actions taken to characterize, trace and eliminate each illicit discharge found by or reported to the permittee. For each illicit discharge, include a description of actions according to required timeline per S5.C.3.d.iv | IDDE_20_03272019090607                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 21  | S5.C.3.e    | Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.3.e.                                                                                              | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 22  | S5.C.4.a    | Implemented an ordinance or other enforceable mechanism to address runoff from new development, redevelopment and construction sites per the requirements of S5.C.4.a.                                                                           | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 24  | S5.C.4.a.i  | Number of exceptions granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)                                                                                                                               | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 25  | S5.C.4.a.i  | Number of variances granted to the minimum requirements in Appendix 1. (S5.C.4.a.i., and Section 6 of Appendix 1)                                                                                                                                | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 26  | S5.C.4.b.i  | Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.i)                                                                                                     | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 26b | S5.C.4.b.i  | Number of site plans reviewed during the reporting period.                                                                                                                                                                                       | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

|     |                        |                                                                                                                                                                                                                                                                                                                                                                                                             |                |
|-----|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 27  | S5.C.4.b.ii            | Inspected, prior to clearing and construction, permitted development sites that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 Determining Construction Site Sediment Damage Potential, or alternatively, inspected all construction sites meeting the minimum thresholds adopted pursuant to S5.C.4.a.i. (S5.C.4.b.ii) | Yes            |
| 27b | S5.C.4.b.ii            | Number of construction sites inspected per S5.C.4.b.ii.                                                                                                                                                                                                                                                                                                                                                     | 26             |
| 28  | S5.C.4.b.iii           | Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls. (S5.C.4.b.iii)                                                                                                                                                                                                                                           | Yes            |
| 28b | S5.C.4.b.iii           | Number of construction sites inspected per S5.C.4.b.iii.                                                                                                                                                                                                                                                                                                                                                    | 26             |
| 29  | S5.C.4.b.ii, iii and v | Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.4.b.ii, iii and v)                                                                                                                                                                                                                           | 1              |
| 30  | S5.C.4.b.iv            | Inspected all permitted development sites that meet the thresholds in S5.C.4.a.i upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.4.b.iv)                                                                                                                                                                   | Yes            |
| 31  | S5.C.4.b.ii-iv         | Achieved at least 80% of scheduled construction-related inspections. (S5.C.4.b.ii-iv)                                                                                                                                                                                                                                                                                                                       | Yes            |
| 32  | S5.C.4.b.iv            | Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects. (S5.C.4.b.iv)                                                                                                                                                                                                                                                                                         | Yes            |
| 33  | S5.C.4.c               | Implemented provisions to verify adequate long-term operation and maintenance (O&M) of stormwater treatment and flow control BMPs/facilities that are permitted and constructed pursuant to S5.C.4. a and b. (S5.C.4.c)                                                                                                                                                                                     | Yes            |
| 35  | S5.C.4.c.iii           | Annually inspected stormwater treatment and flow control BMPs/facilities per S5.C.4.c.iii.                                                                                                                                                                                                                                                                                                                  | Yes            |
| 35b | S5.C.4.c.iii           | If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.4.c.iii                                                                                                                                                                                                                                                                                    | Not Applicable |
| 36  | S5.C.4.c.iv            | Inspected new residential stormwater treatment and flow control BMPs/facilities and catch basins every 6 months per S5.C.4.c.iv to identify maintenance needs and enforce compliance with maintenance standards.                                                                                                                                                                                            | Yes            |
| 37  | S5.C.4.c.v             | Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.4.c.v)                                                                                                                                                                                                                                                                                                               | Yes            |
| 38  | S4.C.4.c.vi            | Verified that maintenance was performed per the schedule in S5.C.4.c.vi when an inspection identified an exceedance of the maintenance standard.                                                                                                                                                                                                                                                            | Yes            |
| 38b | S5.C.4.c.vi            | Attach documentation of any maintenance delays. (S5.C.4.c.vi)                                                                                                                                                                                                                                                                                                                                               | Not Applicable |

|     |             |                                                                                                                                                                                                                                                                                                                                                                                                                                  |                |
|-----|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| 39  | S5.C.4.d    | Provided copies of the Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity to representatives of proposed new development and redevelopment. (S5.C.4.d)                                                                                                                                                                                                                                      | Yes            |
| 40  | S5.C.4.e    | All staff responsible for implementing the program to control stormwater runoff from new development, redevelopment, and construction sites, including permitting, plan review, construction site inspections, and enforcement are trained to conduct these activities. (S5.C.4.e)                                                                                                                                               | Yes            |
| 42  | S5.C.4.g    | Participated and cooperated with the watershed-scale stormwater planning process led by a Phase I county. (S5.C.4.g)                                                                                                                                                                                                                                                                                                             | Not Applicable |
| 43  | S5.C.5.a    | Updated and implemented maintenance standards as protective, or more protective, of facility function as those specified in Chapter 4 of Volume V of the Stormwater Management Manual for Western Washington (as amended 2014). (Required no later than December 31, 2016, except no later than June 30, 2017 for Permittees in Lewis and Cowlitz counties, and no later than June 30, 2018 for the City of Aberdeen, S5.C.5.a). | Yes            |
| 44  | S5.C.5.a    | Applied a maintenance standard that is not specified in the Stormwater Management Manual for Western Washington.                                                                                                                                                                                                                                                                                                                 | No             |
| 45  | S5.C.5.a.ii | Performed timely maintenance per S5.C.5.a.ii.                                                                                                                                                                                                                                                                                                                                                                                    | Yes            |
| 46  | S5.C.5.b    | Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)                                                                                                                                                                                                                                                                                                 | Yes            |
| 46b | S5.C.5.b    | Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.5.b)                                                                                                                                                                                                                                                                                                                  | 85             |
| 46c | S5.C.5.b    | Number of facilities inspected during the reporting period. (S5.C.5.b)                                                                                                                                                                                                                                                                                                                                                           | 85             |
| 46d | S5.C.5.b    | Number of facilities for which maintenance was performed during the reporting period. (S5.C.5.b)                                                                                                                                                                                                                                                                                                                                 | 0              |
| 47  | S5.C.5.b    | If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.5.b.                                                                                                                                                                                                                                                                                                            | Not Applicable |
| 48  | S5.C.5.c    | Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.5.c.                                                                                                                                                                                                                                                                                            | Yes            |
| 49  | S5.C.5.d    | Inspected all municipally owned or operated catch basins and inlets as per S5.C.5.d, or used an alternative approach. (Required once no later than August 1, 2017 and every two years thereafter, except once no later than June 30, 2018 and every two years thereafter for the City of Aberdeen)                                                                                                                               | Yes            |
| 49b | S5.C.5.d    | Number of known catch basins.                                                                                                                                                                                                                                                                                                                                                                                                    | 1383           |
| 49c | S5.C.5.d    | Number of catch basins inspected during the reporting period.                                                                                                                                                                                                                                                                                                                                                                    | 741            |
| 49d | S5.C.5.d    | Number of catch basins cleaned during the reporting period.                                                                                                                                                                                                                                                                                                                                                                      | 331            |

|    |               |                                                                                                                                                                                                                                                                                                                                                     |                                         |
|----|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 50 | S5.C.5.d.i-ii | Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.5.d.i or ii)                                                                                                                                                                                                                                                      | Not Applicable                          |
| 51 | S5.C.5.f      | Implemented practices, policies and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. (S5.C.5.f)                                                                                                   | Yes                                     |
| 52 | S5.C.5.g      | Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.5.g.)                                                                                                                                                                      | Yes                                     |
| 53 | S5.C.5.h      | Implemented a Stormwater Pollution Prevention Plan for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under an NPDES permit that covers stormwater discharges associated with the activity. (S5.C.5.h) | Yes                                     |
| 54 | S7.A          | Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)                                                                                                                                                                                                                                            | Yes                                     |
| 55 | S7.A          | For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A)                                                                                                                                                                                                     | S7.A<br>TDMLs2019_55_03282<br>019104018 |
| 56 | S8.A          | Attach a description of any stormwater monitoring or stormwater-related studies as described in S8.A.                                                                                                                                                                                                                                               | Not Applicable                          |
| 57 | S8.B.1        | Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for status and trends monitoring. (S8.B.1)                                                                                                                                                                                                                       | Yes                                     |
| 58 | S8.C.1        | Participated in cost-sharing for the regional stormwater monitoring program (RSMP) for effectiveness studies. (S8.C.1) (Required to begin no later than August 15, 2014)                                                                                                                                                                            | Yes                                     |
| 59 | S8.D.1        | Contributed to the RSMP for source identification and diagnostic monitoring information repository in accordance with S8.D.1. (Required to begin no later than August 15, 2014)                                                                                                                                                                     | Yes                                     |
| 60 | G3            | Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3)                                                                                                                                                                           | Yes                                     |
| 61 | G3            | Number of G3 notifications provided to Ecology.                                                                                                                                                                                                                                                                                                     | 5                                       |
| 62 | G3.A          | Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.                                                                                                                                                                                                                                | Yes                                     |
| 63 | S4.F.1        | Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1)                                                                                                                                        | Yes                                     |

|     |          |                                                                                                                                                                                                                |                                                                                                                                                                                 |
|-----|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 64  | S4.F.3.a | If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.                                                                                                                    | Not Applicable                                                                                                                                                                  |
| 65  | S4.F.3.d | 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) | Not Applicable                                                                                                                                                                  |
| 66  | G20      | Notified Ecology of the failure to comply with the permit terms and conditions within 30 days of becoming aware of the non-compliance. (G20)                                                                   | Yes                                                                                                                                                                             |
| 67  | G20      | Number of non-compliance notifications (G20) provided in reporting year.                                                                                                                                       | 1                                                                                                                                                                               |
| 67b | G20      | List the permit conditions described in non-compliance notification(s).                                                                                                                                        | S5.C.4ciii<br>S7A<br>S5A.2 (partial. The SWMP Plan was prepared and uploaded to the DOE website but Ecology requested additional information be included in an amended report). |

*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.*

Jennifer Flathman

3/29/2019 10:20:46 AM

Signature

Date



#### S.5.C.1.a.i and ii

According to S.5.C.1.a.i of the city's NPDES permit, we were required to build general awareness of a target audience of a particular subject. The city teamed up with the Snohomish Conservation District (SCD) to meet this requirement. The city chose to provide classroom lessons to the local schools that focused on surface water. The SCD is under contract to manage the program for the city. Classes were provided to middle school students in Brier. SCD provided 12 surface water classes. The classes reached 314 students and 9 adults.

S.5.C.1.a.ii of the city's NPDES permit required the city to measure the understanding and adoption of the targeted behaviors of a target audience in a subject area. To do this we teamed up with Snohomish County and provided trainings for natural yard care and then measured the adoption and understanding of natural yard care techniques. The Natural Yard Care program implemented two methods of educating the target audience. At the conclusion of the program, the two methods were compared for their effectiveness. Based on the results, the city chose to partner with SCD in offering additional classes at the City of Brier library. In 2018 the City partnered with SCD and the Snohomish Library to offer a Spring Gardening series. Three classes were offered, including Natural Yard Care. The classes were well attended with 9-15 attendees at the classes and one follow up site visit. City also participates in the Natural Yard Work Group and is looking for ongoing opportunities to expand the understanding and adoption of these behaviors.





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FAX: 425-672-9025

S. 5.c.3.d.iv

Summary of activities to characterize, trace, and eliminate illicit discharges in 2018

| Incident       | Location/<br>Address   | Source                                       | Incident<br>Date | Respondin<br>g<br>Employee | Type of<br>Discharge   | City Activities and<br>Response                                                                                                                                                                                                                                                                                                                                            | Status                                            |
|----------------|------------------------|----------------------------------------------|------------------|----------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| ERTS<br>680526 | 3523<br>227th St<br>SW | City<br>Manhole                              | 04/8/2018        | Steve<br>Smith             | Sewage?                | <ul style="list-style-type: none"> <li>• Public Works notified of sewer backup.</li> <li>• PW Staff cleared the blockage.</li> <li>• PW Staff checked catch basins for sewer materials, none observed.</li> <li>• City Staff contacted DOE on 4/9/2018 (left message with notification).</li> <li>• City Staff contacted DOE on 4/11/2018 received ERTS 680526.</li> </ul> | Resolved                                          |
| ERTS<br>680703 | 2610<br>231st          | Hoffart<br>Short<br>Plat<br>Construc<br>tion | 04/17/2018       | Steve<br>Smith             | Constructi<br>on water | <ul style="list-style-type: none"> <li>• Code Enforcement Officer observed turbid water at construction site.</li> <li>• Issued stop work order for all activity other than remedying situation.</li> <li>• Traced the turbid water downstream to 231st ST SW.</li> <li>• Observed turbid water in tributary to Trickle Creek.</li> </ul>                                  | Resolved<br>/<br>Referred<br>to<br>Prosecut<br>or |

| Incident       | Location/<br>Address         | Source               | Incident<br>Date | Respondin<br>g<br>Employee | Type of<br>Discharge   | City Activities and<br>Response                                                                                                                                                                                                                                                                                                                                                                                                                            | Status   |
|----------------|------------------------------|----------------------|------------------|----------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                |                              |                      |                  |                            |                        | <ul style="list-style-type: none"> <li>• Construction crew took measures to resolve the situation.</li> <li>• Reported as ERTS# 68073.</li> <li>• S4f notification provided on 4/25/2018</li> </ul>                                                                                                                                                                                                                                                        |          |
| ERTS<br>681406 | 228th &<br>Old Poplar<br>Way | Traffic<br>Collision | 05/18/2018       | Steve<br>Smith             | Transmissi<br>on Fluid | <ul style="list-style-type: none"> <li>• Approximately 1 gallon of transmission fluid leaked to the roadway from a vehicle accident at approximately 8 am.</li> <li>• Absorbents were used and swept up.</li> <li>• No water was impacted by the spill.</li> <li>• ERTS 681406.</li> </ul>                                                                                                                                                                 | Resolved |
| ERTS<br>682479 | 228th &<br>Brier             | Traffic<br>Collision | 07/9/2018        | Travis<br>Knebusch         | Motor Oil              | <ul style="list-style-type: none"> <li>• Approximately 2 gallons of motor oil leaked to the roadway from a vehicle accident at approximately 12 pm.</li> <li>• PW Staff responded and used cat litter and other methods to remove the oil and clean the road.</li> <li>• Oil was observed in the catch basin. The vacor truck was used to clean the catch basin.</li> <li>• The outfall was checked and no motor oil was observed. ERTS 682479.</li> </ul> | Resolved |

| Incident       | Location/<br>Address                     | Source  | Incident<br>Date | Respondin<br>g<br>Employee | Type of<br>Discharge | City Activities and<br>Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Status   |
|----------------|------------------------------------------|---------|------------------|----------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| ERTS<br>685006 | 25th<br>Avenue W<br>in front of<br>23027 | Vehicle | 10/31/2018       | S. Smith/E.<br>Beverly     | Hydraulic<br>Fluid   | <ul style="list-style-type: none"> <li>• Waste Management garbage truck hydraulic fluid leak occurred at approximately 7:30am (according to information from route manager).</li> <li>• Route manager reported quantity of fluid spilled to be between 8-10 gallons (based upon the remaining level in trucks tank).</li> <li>• When observed by Brier staff, WM staff were applying and absorbing spill with absorbent by working area with hand brooms.</li> <li>• WM reported that booms were immediately placed by the driver to contain and no hydraulic fluid made it to open ditches.</li> <li>• Absorbent material was cleaned up with regenerative air street sweeper and completed by 8:53am.</li> <li>• At 9:00am route manager informed PW Supervisor that a bit of a sheen on the asphalt roadway was still visible and has made</li> </ul> | Resolved |

| Incident | Location/<br>Address | Source | Incident<br>Date | Respondin<br>g<br>Employee | Type of<br>Discharge | City Activities and<br>Response                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Status |
|----------|----------------------|--------|------------------|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
|          |                      |        |                  |                            |                      | <p>contact with their contractor Whirlwind Services for additional clean up.</p> <ul style="list-style-type: none"> <li>• City of Brier provided additional absorbent material to WM.</li> <li>• PW Supervisor left scene at 9:10am, WM staff still on site performing additional cleanup by applying absorbent material.</li> <li>• No precipitation occurred between time of spill and Brier staff leaving site but roadway was damp from overnight rain.</li> <li>• Area was observed to be clean later in the day by Brier Staff.</li> </ul> |        |





S7.A

### **Public Education and Outreach**

The City provides pamphlets about bacterial pollution in its lobby and on its website, encloses pamphlets in utility billings from time to time and writes a column in its quarterly newsletter to provide information to the public. The city contracts with the Snohomish Conservation District to provide classroom lesson in the local schools.

### **Operations & Maintenance**

Animal waste collection stations have been installed at all city parks including a collection station at the horse arena.

### **IDDE**

IDDE screening occurs routinely as crews inspect and maintain the city's MS4.

### **Targeted Source Identification & Elimination**

Targeted source identification and elimination efforts began during August 2014. The city continues testing stormwater sources and adjusts testing locations according to bacteria levels. The city has been collecting water quality samples from the locations designated as part of the joint Mountlake Terrace-Brier Ecology QAPP, approved in 2015. Stormwater program managers from the two cities met November 8, 2017 to coordinate the sampling and continue to coordinate by email and telephone and in conjunction with regional stormwater group meetings and activities. The data collected in 2018 is summarized in the table on the next page.

### **Surface Water Monitoring**

A revised QAPP was approved by Ecology in 2015. The city has been monitoring Scriber Creek since November 2014 to supplement information gathered as part of the targeted source identification and elimination program and to comply with TMDL requirements. Testing methods were revised in 2015 to comply with testing protocols in the revised QAPP. The 2015 QAPP has been followed during 2018. The data that was collected is summarized in the following table.