



Number	Permit Section	Question
8	S5.C.1.b.(a)	Describe watershed protection measures associated with stormwater management and land use planning actions that resulted from this planning. (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)  <b>Two of the 3 identified retrofit options will provide water quality treatment protection of Oak Harbor Bay. One of those 2 would provide flow control, too. The third retrofit option would provide water quality treatment to a significant wetland and to the bay, as well as some flow control for downstream properties.</b>
9	S5.C.1.b.(a)	Were land acquisitions identified (or are planning ahead for) that are useful for stormwater facilities to accommodate growth or to better serve an existing developed area? (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)  <b>Yes</b>
9a	S5.C.1.b.(a)	If yes, for what purpose?  <b>To install stormwater facility retrofits. Freund Marsh area would be a constructed wetland. Seventh Avenue Wetland BMP would be a constructed wetland or BMP. Goldie Street SW Retrofit would be a wetpond or constructed wetland.</b>
10	S5.C.1.b.(a)	Identified corrective actions, in addition to the minimum requirements of the Municipal Stormwater Permits, to control or treat municipal stormwater discharges that pollute waters of the State (e.g. Limits to impervious cover added to any zoning districts, regional facility planning, minimization of vegetation loss, etc.)? (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)  <b>No</b>
11	S5.C.1.b.(a)	Updates to goals and policies related to investment in stormwater management facilities/BMPs? (yes/no) (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)  <b>Yes</b>
11a	S5.C.1.b.(a)	If yes, briefly describe:  <b>The City of Oak Harbor Comprehensive Stormwater plan, March 2020 included a rate study in order to implement the items identified in Question 7 as well as possible conversion of Pasek Street Vault to a water quality treatment vault (as a retrofit for several city blocks of SE Oak Harbor).</b>
12	S5.C.1.b.(a)	Does the long-range plan identify the location and existing capacity of the stormwater facilities owned or operated by the permittee and show which of those stormwater facilities have unused capacity? (yes/no) (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)  <b>Yes</b>
12a	S5.C.1.b.(a)	Do these stormwater facility locations impact where housing, or other types of development, are projected to be located or influence the acquisition of land? (if yes, how?)  <b>Yes. The City has acquired land to construct retrofits and/or protect natural areas from development. Land was purchased in the 7th Avenue wetland area to possibly construct a retrofit BMP and protect the area from development because it is a low area that receives significant flows and provides some natural attenuation.</b>

Number	Permit Section	Question
12b	S5.C.1.b.i(a)	Does the long-range plan identify a lack of facilities and the potential impacts of existing or new development to those areas and receiving waters? <b>Yes</b>
12c	S5.C.1.b.i(a)	Any new proposed locations and capacities of stormwater facilities needed for the timeframe of the plan? <b>Yes</b>
13	S5.C.1.b.i(a)	Based on the projected population densities and distribution of growth over the planning period, describe how stormwater runoff impacts are forecasted. Does stormwater management information (including water quality) direct where growth is directed? (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023) <b>No, The city of Oak Harbor Comprehensive Stormwater Plan March 2020 did not address this. The comprehensive land use plan has not taken into account having stormwater runoff impact and stormwater management information dictate land use and development growth..</b>
15	S5.C.1.c	Continue to design and implement local development-related codes, rules, standards, or other enforceable documents to minimize impervious surfaces, native vegetation loss, and stormwater runoff, where feasible? See S5.C.1.c.i. (Required annually) <b>Yes</b>
16	S5.C.1.c	From the assessment described in S5.C.1.c.i(a), did you identify any administrative or regulatory barriers to implementation of LID Principles or LID BMPs? (Required annually) <b>Yes</b>
16a	S5.C.1.c	If yes, describe the barrier(s) and the measures taken to address them. (S5.C.1.c.i(a)) <b>16a_16a_02042021125845</b>
20	S5.C.2	Did you choose to adopt one or more elements of a regional program? (S5.C.2) <b>No</b>
21	S5.C.2	Attach a description of general awareness efforts conducted, including your target audiences and subject areas, per S5.C.2.a.i. <b>Oak Harbor Graph Responses3_21_01262021125911</b>
22	S5.C.2	Conducted an evaluation of the effectiveness of the ongoing behavior change program and documented recommendations as outlined in S.5.C.2.a.ii(b). (Required no later than July 1, 2020) <b>Yes</b>
24	S5.C.2	Began implementing strategy outlined in S.5.C.2.a.ii(c) (S5.C.2.a.ii(d) – Required by April 1, 2021) <b>Yes</b>
26	S5.C.2	Promoted stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.2.a.iii. <b>Yes</b>

Number	Permit Section	Question
26a	S5.C.2	Attach a list of stewardship opportunities provided. <b>Stewardship Opportunities_26a_01282021144814</b>
27	S5.C.3.	Describe in Comments field the opportunities created for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and updates of the Permittee's SWMP and the SMAP. (S5.C.3.a) <b>The city held counsel workshops and presented at counsel meetings. We created a dedicated email for the public to send their comments and questions or concerns. This is posted on the city website.</b>
28	S5.C.3.	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.3.b) <b>Yes</b>
28a	S5.C.3.	List the website address in Comments field. <b>http://www.oakharbor.org/userfile/Stormdrain</b>
29	S5.C.4.	Maintained a map of the MS4 including the requirements listed in S5.C.4.a.i-vii? <b>Yes</b>
30	S5.C.4.	Started mapping outfall size and material in accordance with S5.C.4.b.i? (Required no later than January 1, 2020) <b>Yes</b>
30a	S5.C.4.	Attach a spreadsheet that lists the known outfalls' size and material(s). <b>Outfalls_30a_01262021134614</b>
31	S5.C.4.	Completed mapping connections to private storm sewers in accordance with S5.C.4.b.ii? (Required no later than August 1, 2023) <b>Not Applicable</b>
32	S5.C.4.	Developed an electronic format for map, with fully described mapping standards in accordance with S5.C.4.c? (Required no later than August 1, 2021) <b>Not Applicable</b>
33	S5.C.5	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste? (S5.C.5.b) <b>Yes</b>

Number	Permit Section	Question
33a	SS.C.5	<p>Actions taken to inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.</p> <p><b>Informing the Public employees Businesses and private sector: The City of Oak Harbor reaches out to employees and the public in a number of ways to provide education about preventing and dealing with Illicit Discharges. City employees undergo training in the Spills and Skitts Non-Emergency HazMat response, Municipal Storm Water Pollution Prevention, and MS4 Rain Check training. We provide a list of rules and expectations about our FOG and Illicit Discharge Programs. We meet with business and restaurant owners and staff, providing orientations and handouts on best management practices, outdoor cleaning and washdown procedures, use of the city's car wash kits, and proper management of waste oil/grease recycle containers. We get information to the public through the city's Facebook and Channel 10 TV station with an Illicit Discharge Detection and Elimination video.</b></p>
34	SS.C.5	<p>Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in SS.C.5.c.</p> <p><b>Yes</b></p>
35	SS.C.5	<p>Implemented procedures for conducting illicit discharge investigations in accordance with SS.C.5.d.i.</p> <p><b>Yes</b></p>
35a	SS.C.5	<p>Cite field screening methodology in Comments field.</p> <p><b>Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual.</b></p>
36	SS.C.5	<p>Percentage of MS4 coverage area screened in the reporting year per SS.C.5.d.i. (Required to screen 12% on average each year.)</p> <p><b>46</b></p>
36a	SS.C.5	<p>Cite field screening techniques used to determine percent of MS4 screened.</p> <p><b>City employees do measure downs to get the sediment depth. Inspect structure of catch basin including grate, inspect for illicit discharge/connection. Data is collected for each catch basin inspection for the year.</b></p>
37	SS.C.5	<p>Percentage of total MS4 screened from permit effective date through the end of the reporting year. (SS.C.5.d.i.)</p> <p><b>80.5</b></p>
38	SS.C.5	<p>Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (SS.C.5.d.ii)</p> <p><b>The hotline is posted on the City of Oak Harbor web page 360-279-4500 or 360-279-4699</b></p>
39	SS.C.5	<p>Implemented an ongoing illicit discharge training program for all municipal field staff per SS.C.5.d.iii.</p> <p><b>Yes</b></p>
40	SS.C.5	<p>Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per SS.C.5.e.</p> <p><b>Yes</b></p>

Number	Permit Section	Question
41	SS.C.5	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in SS.C.5.f. <b>Yes</b>
42	SS.C.5	Attach a report with data describing the actions taken to characterize, trace, and eliminate each illicit discharge reported to, or investigated by, the Permittee as described in SS.C.5.g. The submittal must include all of the applicable information and must follow the instructions, timelines, and format described in Appendix 12. <b>Illicit discharge log 2020_42_01272021152102</b>
43	SS.C.6.	Implemented an ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of SS.C.6.b.i-iii. <b>Yes</b>
44	SS.C.6.	Revised ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of SS.C.6.b.i-iii. (Required no later than June 30, 2022) <b>Not Applicable</b>
45	SS.C.6.	Number of adjustments granted to the minimum requirements in Appendix 1. (SS.C.6.b.i. and Section 5 of Appendix 1) <b>0</b>
46	SS.C.6.	Number of exceptions/variances granted to the minimum requirements in Appendix 1. (SS.C.6.b.i., and Section 6 of Appendix 1) <b>0</b>
47	SS.C.6.	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to SS.C.6.b.i. (SS.C.6.c.i) <b>Yes</b>
47a	SS.C.6.	Number of site plans reviewed during the reporting period. <b>7</b>
48	SS.C.6.	Inspected, prior to clearing and construction, permitted development sites per SS.C.6.c.ii, 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? <b>Yes</b>
48a	SS.C.6.	If no, inspected, prior to clearing and construction, all construction sites meeting the minimum thresholds (SS.C.6.c.ii)? <b>Yes</b>
49	SS.C.6.	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls per SS.C.6.c.iii. <b>Yes</b>

Number	Permit Section	Question
49a	SS.C.6.	Number of construction sites inspected per SS.C.6.c.iii. <b>10</b>
49b	SS.C.6.	Inspected stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every 6 months per SS.C.6.c.IV? <b>Yes</b>
50	SS.C.6.	Inspected all permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (SS.C.6.c.v) <b>Yes</b>
51	SS.C.6.	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects prior to final approval and occupancy being granted. (SS.C.6.c.v) <b>Yes</b>
52	SS.C.6.	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (SS.C.6.c.II-IV)(SS.C.7.c.viii) <b>1</b>
53	SS.C.6.	Achieved at least 80% of scheduled construction-related inspections. (SS.C.6.c.vi) <b>Yes</b>
54	SS.C.6.	Made Ecology's Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity available to representatives of proposed new development and redevelopment? (SS.C.6.d) <b>Yes</b>
55	SS.C.6.	All staff whose primary job duties are 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? (SS.C.6.e) <b>Yes</b>
56	SS.C.7.	Implemented maintenance standards that are as protective, or more protective, of facility function than those specified in the Stormwater Management Manual for Western Washington or a Phase I program approved by Ecology per SS.C.7.a.? <b>Yes</b>
57	SS.C.7.	Updated maintenance standards specified in Stormwater Management Manual for Western Washington per SS.C.7.a? (Required no later than June 30, 2022) <b>Not Applicable</b>
58	SS.C.7.	Applied a maintenance standard for a facility or facilities which do not have maintenance standards specified in the Stormwater Management Manual for Western Washington? If so, note in the Comments field what kinds of facilities are covered by this alternative standard. (SS.C.7.a) <b>No</b>

Number	Permit Section	Question
59	S5.C.7.	Verified that maintenance was performed per the schedule in S5.C.7.a.ii when an inspection identified an exceedance of the maintenance standard. <b>Yes</b>
59a	S5.C.7.	Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control. <b>Not Applicable</b>
60	S5.C.7.	Implemented an ordinance or other enforceable mechanisms to verify long-term operation and maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee per (S5.C.7.b.i (a))? <b>Yes</b>
61	S5.C.7.	Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.i.(b) <b>Yes</b>
61a	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.b.i (b) <b>Not Applicable</b>
62	S5.C.7.	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii) <b>Yes</b>
63	S5.C.7.	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i) <b>Yes</b>
63a	S5.C.7.	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i) <b>29</b>
63b	S5.C.7.	Number of facilities inspected during the reporting period. <b>29</b>
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. <b>14</b>
64	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.c.i. <b>Not Applicable</b>
65	S5.C.7.	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.7.c.ii. <b>Yes</b>

Number	Permit Section	Question
66	S5.C.7.	Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? Cleaned as needed? (S.5.C.7.c.iii) <b>Yes</b>
66a	S5.C.7.	Number of known catch basins? <b>3294</b>
66b	S5.C.7.	Number of catch basins inspected during the reporting period? <b>1561</b>
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? <b>324</b>
67	S5.C.7.	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.7.c.iii, (a)-(c)) <b>Not Applicable</b>
68	S5.C.7.	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.7.d) <b>Yes</b>
69	S5.C.7.	Documented 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.7.d - Required by December 31, 2022) <b>Not Applicable</b>
70	S5.C.7.	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.7.e) <b>Yes</b>
71	S5.C.7.	Implemented a Stormwater Pollution Prevention Plan (SWPPP) 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.7.f) <b>Yes</b>
72	S5.C.7.	Updated, if needed, SWPPPs according to S5.C.7.f no later than December 31, 2022. <b>Not Applicable</b>
73	S5.C.8	Adopted ordinance(s), or other enforceable documents, requiring the application of source control BMPs for pollutant generating sources associated with existing land uses and activities per S.5.C.8.b.i. (Required by August 1, 2022) <b>Not Applicable</b>

Number	Permit Section	Question
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.) <b>Not Applicable</b>
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023). <b>Not Applicable</b>
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023). <b>Not Applicable</b>
77	S5.C.8	Attach a summary of actions taken to implement the source control program per S5.C.8.b.iii and S5.C.8.b.iv. <b>Not Applicable</b>
78	S5.C.8	Attach a list of inspections, per S5.C.8.b.iii, organized by the business category, noting the amount of times each business was inspected, and if enforcement actions were taken. <b>Not Applicable</b>
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v? <b>Not Applicable</b>
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A) <b>Not Applicable</b>
81	S7	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) <b>Not Applicable</b>
82	S8	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a.) <b>Yes</b>
84	S8	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)? <b>Yes</b>
86	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, submitted a QAPP to Ecology no later than February 1, 2020? (S8.C.1.b and Appendix 9) <b>Not Applicable</b>
87	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, attach a data and analysis report per S8.C.1. and Appendix 9. (Due annually beginning March 31, 2021.) <b>Not Applicable</b>

Number	Permit Section	Question
88	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) <b>Yes</b>
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. <b>Yes</b>
90	Compliance with standards	Notified Ecology within 30 days of becoming aware that a discharge from the Permittees MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1) <b>Yes</b>
91	Compliance with standards	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a. <b>Not Applicable</b>
92	Compliance with standards	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) <b>Not Applicable</b>
93	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) <b>Not Applicable</b>
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field. <b>Not Applicable</b>

**Attachments:**

View Files Attached to Submission

DocID	DocName	DocType	DocSize	DocDate	DocUser
View	WAR045554_18a_02042021125845	Doc	1063297	1755250	wqwebportal
View	WAR045554_7_02082021151836	Doc	1065408	1755250	wqwebportal
View	Submitted Copy of Record for City of Oak Harbor Capital Projects_7_02092021151836	Doc	1083421	1755250	wqwebportal
View	Submitted Copy of Record for City of Oak Harbor Cover Letter CityOfOakHarbor Monday March 29 2021	Doc	1083422	1755250	wqwebportal
View	Submitted Cover Letter for City of Oak Harbor Illici discharge log 2020_42_01272021152102	Doc	1060553	1755250	wqwebportal
View	WAR045554_2_03022021141440	Doc	1074404	1755250	wqwebportal
View	WAR045554_2_03022021141440	Doc	1074404	1755250	wqwebportal
View	WAR045554_21_01262021125911	Doc	1059888	1755250	wqwebportal
View	WAR045554_30a_01262021134614	Doc	1059987	1755250	wqwebportal
View	WAR045554_28a_01282021144814	Doc	1061078	1755250	wqwebportal

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Numerous development submittals were reviewed in 2020. Some were site plans, and some were subdivisions. During the review process, no administrative or regulatory barriers were identified. The City did a thorough job of removing barriers in 2010/2011 and a thorough job of implementing lid as the first priority in SW design as required in 2016. No barriers have been found since, and numerous LID BMPs have been installed in our community.

Oak Harbor is a small City with geographic limitations. The City has one main receiving water and little to no streams. The vast majority of the City runoff drains to Oak Harbor Bay which does not flush like the west side of the island. Additionally, Penn Cove (which includes shellfish industry, has high nutrient loading, and is entered by transient orcas for feeding) is adjacent to Oak Harbor, and receives flow from Oak Harbor Bay.

- Number one priority is Oak Harbor Bay.

- Number two priority is 7<sup>th</sup> Avenue Wetland Complex

- Number three priority is the conveyance that enters the County from the Whidbey Island Golf and Country Club in the vicinity of Fairway Lane and drains westerly to Lake Swantown, then through a tide gate to the Salish Sea on west side of the island.

The identified high priority catchment area is the neighborhoods and portion of SR 20 that drain easterly along SR 20 to one of two 42" diameter stormwater outfalls. A proposed diversion of much or all of this water to the City owned Freund Marsh area with a constructed wetland has been identified since the 1990s as the most significant water quality retrofit possible. This is one of the projects in our CIP and Stormwater Comp Plan identified for near term study and possible subsequent implementation



DEPARTMENT OF  
**ECOLOGY**  
State of Washington

## Water Quality Program

### Permit Submittal Electronic Certification

Permittee: OAK HARBOR CITY

Permit Number: WAR045554

Site Address: 865 SE BARRINGTON DR  
Oak Harbor, WA 98277

Submittal Name: MS4 Annual Report Phase II Western

Version: 1

Due Date: 3/31/2021

#### Questionnaire

Number	Permit Section	Question	Answer
1	S5.A	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.6.	Not Applicable
2	S5.A	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)	Oak Harbor SWMP Plan_2_03022021141440
3	S5.A	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
4a	S5.A.5.b	Attach a written description of internal coordination mechanisms. (S5.A.5.b).	(not answered) Comment: Internal department coordination has been ongoing throughout the calendar year 2020, albeit virtually. A weekly "Unified Meeting" provides an open discussion opportunity for all city departments to comment on new or ongoing current and long-range development activity.
5	S5.C.1.	Have you convened an interdisciplinary team to inform and assist in the development, progress, and influence of the comprehensive stormwater planning program? (S.5.c.1). August 1, 2020	Yes

6	S5.C.1.b.i(a)	List the relevant land use planning efforts that have taken place in your jurisdiction (land use plans that are used to accommodate growth, stormwater management, or transportation). (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)	Our Stormwater Comprehensive Plan was updated in 2019. It took into account NPDES requirements. It updated the CIP list and identified 3 local sites for possible significant stormwater retrofits and included feasibility studies. All 3 of these sites would include water quality treatment retrofitting. Two would include flow control also. The goal is to perform the studies and construct at least one of the projects.
7	S5.C.1.b.i(a)	List of stormwater capital projects (currently in or slated for future design and construction) that resulted from this planning. (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)	Capital Projects_7_0209202115 1836
8	S5.C.1.b.i(a)	Describe watershed protection measures associated with stormwater management and land use planning actions that resulted from this planning. (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)	Two of the 3 identified retrofit options will provide water quality treatment protection of Oak Harbor Bay. One of those 2 would provide flow control, too. The third retrofit option would provide water quality treatment to a significant wetland and to the bay, as well as some flow control for downstream properties.
9	S5.C.1.b.i(a)	Were land acquisitions identified (or are planning ahead for) that are useful for stormwater facilities to accommodate growth or to better serve an existing developed area? (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)	Yes
9a	S5.C.1.b.i(a)	If yes, for what purpose?	To install stormwater facility retrofits. Freund Marsh area would be a constructed wetland. Seventh Avenue Wetland BMP would be a constructed wetland or BMP. Goldie Street SW Retrofit would be a wetpond or constructed wetland.

10	S5.C.1.b.(a)	Identified corrective actions, in addition to the minimum requirements of the Municipal Stormwater Permits, to control or treat municipal stormwater discharges that pollute waters of the State (e.g. Limits to impervious cover added to any zoning districts, regional facility planning, minimization of vegetation loss, etc.)? (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)	No
11	S5.C.1.b.(a)	Updates to goals and policies related to investment in stormwater management facilities/BMPs? (yes/no) (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)	Yes
11a	S5.C.1.b.(a)	If yes, briefly describe.	The City of Oak Harbor Comprehensive Stormwater plan, March 2020 included a rate study in order to implement the items identified in Question 7 as well as possible conversion of Pasek Street Vault to a water quality treatment vault (as a retrofit for several city blocks of SE Oak Harbor).
12	S5.C.1.b.(a)	Does the long-range plan identify the location and existing capacity of the stormwater facilities owned or operated by the permittee and show which of those stormwater facilities have unused capacity? (yes/no) (S5.C.1.b.(a) and (b) – Required by March 31, 2021 and January 1, 2023)	Yes
12a	S5.C.1.b.(a)	Do these stormwater facility locations impact where housing, or other types of development, are projected to be located or influence the acquisition of land? (if yes, how?)	Yes. The City has acquired land to construct retrofits and/or protect natural areas from development. Land was purchased in the 7th Avenue wetland area to possibly construct a retrofit BMP and protect the area from development because it is a low area that receives significant flows and provides some natural attenuation.
12b	S5.C.1.b.(a)	Does the long-range plan identify a lack of facilities and the potential impacts of existing or new development to those areas and receiving waters?	Yes
12c	S5.C.1.b.(a)	Any new proposed locations and capacities of stormwater facilities needed for the timeframe of the plan?	Yes

13	S5.C.1.b.i(a)	Based on the projected population densities and distribution of growth over the planning period, describe how stormwater runoff impacts are forecasted. Does stormwater management information (including water quality) direct where growth is directed? (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)	No. The city of Oak Harbor Comprehensive Stormwater Plan March 2020 did not address this. The comprehensive land use plan has not taken into account having stormwater runoff impact and stormwater management information dictate land use and development growth..
15	S5.C.1.c	Continue to design and implement local development-related codes, rules, standards, or other enforceable documents to minimize impervious surfaces, native vegetation loss, and stormwater runoff, where feasible? See S5.C.1.c.i. (Required annually)	Yes
16	S5.C.1.c	From the assessment described in S5.C.1.c.i (a), did you identify any administrative or regulatory barriers to implementation of LID Principles or LID BMPs? (Required annually)	Yes
16a	S5.C.1.c	If yes, describe the barrier(s) and the measures taken to address them. (S5.C.1.c.i(a))	16a_16a_02042021125845
20	S5.C.2	Did you choose to adopt one or more elements of a regional program? (S5.C.2)	No
21	S5.C.2	Attach a description of general awareness efforts conducted, including your target audiences and subject areas, per S5.C.2.a.i.	Oak Harbor Graph Response3_21_01262021125911
22	S5.C.2	Conducted an evaluation of the effectiveness of the ongoing behavior change program and documented recommendations as outlined in S5.C.2.a.ii(b). (Required no later than July 1, 2020)	Yes
24	S5.C.2	Began implementing strategy outlined in S5.C.2.a.ii(c) (S5.C.2.a.ii(d) – Required by April 1, 2021)	Yes
26	S5.C.2	Promoted stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.2.a.iii.	Yes
26a	S5.C.2	Attach a list of stewardship opportunities provided.	Stewardship Opportunities_26a_01282021144814
27	S5.C.3.	Describe in Comments field the opportunities created for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and updates of the Permittee's SWMP and the SMAP. (S5.C.3.a)	The city held counsel workshops and presented at counsel meetings. We created a dedicated email for the public to send their comments and questions or concerns. This is posted on the city website.
28	S5.C.3.	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. (S5.C.3.b)	Yes

28a	S5.C.3.	List the website address in Comments field.	<a href="http://www.oakharbor.org/userfile/Stormdrain">http://www.oakharbor.org/userfile/Stormdrain</a>
29	S5.C.4.	Maintained a map of the MS4 including the requirements listed in S5.C.4.a.i-vii?	Yes
30	S5.C.4.	Started mapping outfall size and material in accordance with S5.C.4.b.i? (Required no later than January 1, 2020)	Yes
30a	S5.C.4.	Attach a spreadsheet that lists the known outfalls' size and material(s).	Outfalls_30a_01262021 134614
31	S5.C.4.	Completed mapping connections to private storm sewers in accordance with S5.C.4.b.ii? (Required no later than August 1, 2023)	Not Applicable
32	S5.C.4.	Developed an electronic format for map, with fully described mapping standards in accordance with S5.C.4.c? (Required no later than August 1, 2021)	Not Applicable
33	S5.C.5	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste? (S5.C.5.b)	Yes

33a	S5.C.5	Actions taken to inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.	Informing the Public employees Businesses and private sector. The City of Oak Harbor reaches out to employees and the public in a number of ways to provide education about preventing and dealing with Illicit Discharges. City employees undergo training in the Spills and Skills Non-Emergency HazMat response, Municipal Storm Water Pollution Prevention, and MS4 Rain Check training. We provide a list of rules and expectations about our FOG and Illicit Discharge Programs. We meet with business and restaurant owners and staff, providing orientations and handouts on best management practices, outdoor cleaning and washdown procedures, use of the city's car wash kits, and proper management of waste oil/grease recycle containers. We get information to the public through the city's Facebook and Channel 10 TV station with an Illicit Discharge Detection and Elimination video.
34	S5.C.5	Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.C.5.c.	Yes
35	S5.C.5	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.5.d.i.	Yes
35a	S5.C.5	Cite field screening methodology in Comments field.	Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual.
36	S5.C.5	Percentage of MS4 coverage area screened in the reporting year per S5.C.5.d.i. (Required to screen 12% on average each year.)	46

36a	S5.C.5	City field screening techniques used to determine percent of MS4 screened.	City employees do measure downs to get the sediment depth. Inspect structure of catch basin including grate. Inspect for illicit discharge/connection. Data is collected for each catch basin inspection for the year.
37	S5.C.5	Percentage of total MS4 screened from permit effective date through the end of the reporting year. (S5.C.5.d.i.)	80.5
38	S5.C.5	Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.C.5.d.ii)	The hotline is posted on the City of Oak Harbor web page 360-279-4500 or 360-279-4699
39	S5.C.5	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.5.d.iii.	Yes
40	S5.C.5	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.5.e.	Yes
41	S5.C.5	Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.5.f.	Yes
42	S5.C.5	Attach a report with data describing the actions taken to characterize, trace, and eliminate each illicit discharge reported to, or investigated by, the Permittee as described in S5.C.5.g. The submittal must include all of the applicable information and must follow the instructions, timelines, and format described in Appendix 12.	Illicit discharge log 2020_42_01272021152 102
43	S5.C.6.	Implemented an ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii.	Yes
44	S5.C.6.	Revised ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii. (Required no later than June 30, 2022)	Not Applicable
45	S5.C.6.	Number of adjustments granted to the minimum requirements in Appendix 1. (S5.C.6.b.i. and Section 5 of Appendix 1)	0
46	S5.C.6.	Number of exceptions/variances granted to the minimum requirements in Appendix 1. (S5.C.6.b.i. and Section 6 of Appendix 1)	0
47	S5.C.6.	Reviewed Stormwater Site Plans for all proposed development activities that meet the thresholds adopted pursuant to S5.C.6.b.i. (S5.C.6.c.i)	Yes
47a	S5.C.6.	Number of site plans reviewed during the reporting period.	7

48	S5.C.6.	Inspected, prior to clearing and construction, permitted development sites per S5.C.6.c.ii, 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?	Yes
48a	S5.C.6.	If no, inspected, prior to clearing and construction, all construction sites meeting the minimum thresholds (S5.C.6.c.ii)?	Yes
49	S5.C.6.	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls per S5.C.6.c.iii.	Yes
49a	S5.C.6.	Number of construction sites inspected per S5.C.6.c.iii.	10
49b	S5.C.6.	Inspected stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every 6 months per S5.C.6.c.iv?	Yes
50	S5.C.6.	Inspected all permitted development sites upon completion of construction and prior to final approval or occupancy to ensure proper installation of permanent stormwater facilities. (S5.C.6.c.v)	Yes
51	S5.C.6.	Verified a maintenance plan is completed and responsibility for maintenance is assigned for projects prior to final approval and occupancy being granted. (S5.C.6.c.v)	Yes
52	S5.C.6.	Number of enforcement actions taken during the reporting period (based on construction phase inspections at new development and redevelopment projects). (S5.C.6.c.ii-iv) (S5.C.7.c.viii)	1
53	S5.C.6.	Achieved at least 80% of scheduled construction-related inspections. (S5.C.6.c.vi)	Yes
54	S5.C.6.	Made Ecology's Notice of Intent for Construction Activity and Notice of Intent for Industrial Activity available to representatives of proposed new development and redevelopment? (S5.C.6.d)	Yes
55	S5.C.6.	All staff whose primary job duties are 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.6.e)	Yes
56	S5.C.7.	Implemented maintenance standards that are as protective, or more protective, of facility function than those specified in the Stormwater Management Manual for Western Washington or a Phase I program approved by Ecology per S5.C.7.a.?	Yes
57	S5.C.7.	Updated maintenance standards specified in Stormwater Management Manual for Western Washington per S5.C.7.a.7? (Required no later than June 30, 2022)	Not Applicable

58	S5.C.7.	Applied a maintenance standard for a facility or facilities which do not have maintenance standards specified in the Stormwater Management Manual for Western Washington? If so, note in the Comments field what kinds of facilities are covered by this alternative standard. (S5.C.7.a)	No
59	S5.C.7.	Verified that maintenance was performed per the schedule in S5.C.7.a.i when an inspection identified an exceedance of the maintenance standard.	Yes
59a	S5.C.7.	Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control.	Not Applicable
60	S5.C.7.	Implemented an ordinance or other enforceable mechanisms to verify long-term operation and maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee per (S5.C.7.b.i (a))?	Yes
61	S5.C.7.	Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.(b)	Yes
61a	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.b.i (b)	Not Applicable
62	S5.C.7.	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii)	Yes
63	S5.C.7.	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)	Yes
63a	S5.C.7.	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)	29
63b	S5.C.7.	Number of facilities inspected during the reporting period.	29
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period.	14
64	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.c.i.	Not Applicable
65	S5.C.7.	Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.7.c.ii.	Yes
66	S5.C.7.	Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? Cleaned as needed? (S5.C.7.c.iii)	Yes
66a	S5.C.7.	Number of known catch basins?	3294
66b	S5.C.7.	Number of catch basins inspected during the reporting period?	1561
66c	S5.C.7.	Number of catch basins cleaned during the reporting period?	324
67	S5.C.7.	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.7.c.iii.(a)-(c))	Not Applicable

68	S5.C.7.	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.7.d)	Yes
69	S5.C.7.	Documented 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.7.d – Required by December 31, 2022)	Not Applicable
70	S5.C.7.	Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.7.e)	Yes
71	S5.C.7.	Implemented a Stormwater Pollution Prevention Plan (SWPPP) 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.7.f)	Yes
72	S5.C.7.	Updated, if needed, SWPPPs according to S5.C.7.f no later than December 31, 2022.	Not Applicable
73	S5.C.8	Adopted ordinance(s), or other enforceable documents, requiring the application of source control BMPs for pollutant generating sources associated with existing land uses and activities per S.5.C.8.b.i. (Required by August 1, 2022)	Not Applicable
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.)	Not Applicable
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023).	Not Applicable
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023).	Not Applicable
77	S5.C.8	Attach a summary of actions taken to implement the source control program per S5.C.8.b.iii and S5.C.8.b.iv.	Not Applicable
78	S5.C.8	Attach a list of inspections, per S5.C.8.b.iii, organized by the business category, noting the amount of times each business was inspected, and if enforcement actions were taken.	Not Applicable
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v?	Not Applicable
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)	Not Applicable
81	S7	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)	Not Applicable

82	S8	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a.)	Yes
84	S8	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)?	Yes
86	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, submitted a QAPP to Ecology no later than February 1, 2020? (S8.C.1.b and Appendix 9)	Not Applicable
87	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, attach a data and analysis report per S8.C.1. and Appendix 9. (Due annually beginning March 31, 2021.)	Not Applicable
88	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
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A.	Yes
90	Compliance with standards	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
91	Compliance with standards	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a.	Not Applicable
92	Compliance with standards	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
93	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)	Not Applicable
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field.	Not Applicable

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

Blaine Oborn

3/29/2021 4:42:51 PM

Signature

Date

Washington Department of Ecology  
Electronic Submission Cover Letter



WQWebSubmittal - Submittal Submission Id: 1755250 - 3/29/2021 4:42:52 PM

Company Name	Signer Name	System Name
City of Oak Harbor	Blaine Oborn	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for City of Oak Harbor	Copy of Record CityOfOakHarbor Monday March 29 2021
WAR045554_16a_02042021125845	16a_16a_02042021125845
WAR045554_7_02092021151836	Capital Projects_7_02092021151836
WAR045554_42_01272021152102	illicit discharge log 2020_42_01272021152102
WAR045554_2_03022021141440	Oak Harbor SWMP Plan_2_03022021141440
WAR045554_21_01262021125911	Oak Harbor Graph Response3_21_01262021125911
WAR045554_30a_01262021134614	Outfalls_30a_01262021134614
WAR045554_26a_01282021144814	Stewardship Opportunities_26a_01282021144814

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



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o9KQ2N5Pa8=

	DATE	Location	Incident/Activity	Responsible Party	Action taken by:	Follow - Up	Inspected	Cleaned
ERTZ 20-003	1/1/2020	730 SW Harrier Circle 1101 SW Kimball	Someone has been drilling holes in fuel tanks	Unknown	PW/SD Dept. used floor dry to clean up and dug out affected dirt.	none/closed	2	
	1/6/2020	Scenic heights to SR-20 to Waterloo	unknown source fuel leak	unknown	PW/SD clean up spill with zyme Crete	none/closed	6	
	2/6/2020	Woody's Car wash	diesel tracked out from lot	unknown /contacted property owner	PW /SD used zyme Crete to clean	none/closed	1	
ERTZ 696285	2/4/2020	SE Ely&SE 4th	Sewer overflow due to heavy rain	PV	nothing could be done	None/closed		
ERTZ 696280	2/5/2020	Mina Ln& Ft. Nugent	Storm event dirty water flowed from site due to nit having BMP's in place	Park Terrace	contact with owner stop work until resolved	None/closed	2	
ERTZ 696240	2/4/2020	SW Bayshore Drive	contractor tracking dirt out onto roadway.	Kugel Inc.	contractor cleaned out catch basins and control device	none/closed	8	5 cb's 1 control device
ERTZ 696288	2/6/2020	1375 SE City Beach St.	Sewer overflow due to heavy rain	City Of Oak Harbor	nothing could be done	closed		
ERTZ 696556	2/14/2020	1621 SW Mulberry Pl	diesel leak out of a moving truck	Golden Services	PW/SD used zyme crete to clean	None/Closed	1	1
	2/27/2020	NW Hyak,Ilahaee,Friget	garbage truck blew hydraulic line.	OHSW Dept.	OHSW Dept. used zyme crete	none/closed	1	
	2/28/2020	656 SE Bayshore Dr	Dumpster leak	unknown	unknown clean up	none/closed		
	3/4/2020	Ireland & SE 8th	Pumping contaminated water from basement	onsite contractor	contacted owner stop work.	told them to get a pump truck to remove water. Closed		
	3/3/2020	Scenic Heights,Balda,Miller, Scenic Heights	unknown source fuel leak	OHSW Dept.	contacted onsite contractor.	none/closed		
	3/10/2020	953 SW Castilian	Homeowner putting sewer in the storm drain	PW/SD Dept.	SD talk to homeowner was pumping crawl space	none/closed	3	
	3/26/2020	1531 NW 6th Ave	Hydraulic leak from garbage truck	OHSW Dept.	OHSW cleaned up with floor dry	none/closed		
	4/1/2020	Ely& Whidbey Ave	Oil in catch basin	unknown	Cleaned catch basin with vactor	none/closed	1	1
	5/10/2020	OHFD Whidbey Ave	Diesel fuel overflow from generator	Fuel company	OHFD used pads & floor dry to clean. Think hot weather caused expansion	none/closed		
	6/1/2020	Bayshore drive	Testing water system for new complex	City of Oak Harbor	city put fluoride tablets in 4 catch basins	none/closed		

	6/8/2020 1050 Kaleeton Lp	Sewer overflow due to pump fail	Pete Franssen	Pete Franssen put Lyme down around manhole	none/closed	
	6/18/2020 MNE 16th & Regatta	Diesel Spill	unknown	SD used zyme crete	none/closed	
	6/22/2020 Hyw 20,Pioneer Way,Hwy 20,	Grit Can from Island County Land Fill	Cowden Island County Land Fill	Talk to Cowden driver and Island County used	none/closed	
	7/23/2020 Walmart Parking Lot	Travel Trailer leaking grey water	unknown	SD helped clean up	none/closed	
ERTZ 699708	7/30/2020 HY 20, Ault Field,Ragatta, Torpedo	Concrete Northwest truck blew a hydraulic line	Concrete Northwest	SD/Concrete Northwest cleaned up	none/closed	
	10/30/2020 Fairway Point	Garbage truck blew a hydraulic line	OHSW Dept.	OHSW cleaned with zyme crete floor dry	none/closed	
	11/1/2020 1504 SW 2nd	oil jug left in road	unknown	OHSW cleaned with floor dry	none/closed	
	11/23/2020 NE 7th & HWY 20	fuel spill	unknown	PW/SD used zyme crete to clean	none/closed	
ERTZ 701798	11/9/2020 463 NW 12 Loop	illicit sewer connection	original contractor	owner hired a plumbing contractor to correct	none/closed	6
ERTZ 702491	12/15/2020 461 NW 12th Loop	illicit sewer connection	original contractor	owner hired a plumbing contractor to correct	none/closed	15



## **Stormwater Management Program (SWMP) Plan 2021**

**Permittee Coverage Number: WAR04-5554**

**City of Oak Harbor \* 865 SE Barrington Drive \* Oak Harbor, WA 98277**

**March 2021**

## 1 INTRODUCTION

This document has been prepared in accordance with the *Western Washington Phase II Municipal Stormwater Permit* (the Permit). The Permit was issued by the Department of Ecology (Ecology) to municipalities with populations of less than 100,000 as operators of small and medium municipal separate storm sewer systems (MS4s). More than 80 medium and small cities, including the City of Oak Harbor (Oak Harbor) and urban portions of five counties in western Washington, must comply with the provisions of the Permit. This five-year Permit was issued by Ecology on July 1, 2019 and is effective from August 1, 2019 through July 31, 2024.

The Permit authorizes the discharge of stormwater runoff from MS4s into the state's surface waters (i.e., streams, rivers, lakes, sounds, wetlands, etc.) and groundwater as long as municipalities implement Permit-specified actions and activities known as Best Management Practices (BMPs) to protect these receiving waters. Permit requirements are phased in over the 5-year Permit term per a specified schedule. Some of the required BMPs are carry-overs from the previous Permit while other requirements are new. Table 1 presents the overall implementation schedule of the current Permit. Additional schedule details can be found in the full text of the Permit found on Ecology's website at:

<https://fortress.wa.gov/ecy/ezshare/wq/permits/MS4GP-WWANewPimelines.pdf>

### 1.1 The Stormwater Management Program Plan

Section S5.A of the Permit requires each Permittee to develop and implement a Stormwater Management Program (SWMP). Each Permittee must also annually prepare written documentation of the SWMP, called the SWMP Plan (Plan). This Plan is intended to be a forward-looking document describing the set of actions and activities (BMPs) the Permittee intends to complete in the upcoming calendar year to comply with the Permit.

This SWMP Plan is organized per S5.C of the Permit and will be updated at least annually for submittal with Oak Harbor Annual Reports to Ecology.

The BMPs are grouped under the following Program components:

- Stormwater Planning (S5.C.1.)
- Public Education and Outreach (S5.C.2.)
- Public Involvement and Participation (S5.C.3.)
- MS4 Mapping and Documentation
- Illicit Discharge Detection and Elimination (IDDE)
- Controlling Runoff from New Development, Redevelopment, and Construction Sites
- Operations and Maintenance (O&M)
- Source Control Program for Existing Development

In addition, the Permit requires reporting and, if applicable, implementation of water-body specific cleanup plans developed by Ecology. To date, Ecology has not developed such plans for Oak Harbor's water bodies.

This SWMP Plan covers the City of Oak Harbor's ongoing activities to comply with the Phase II Permit and those planned for next year.

## 2 STORMWATER MANAGEMENT PROGRAM PLAN COMPONENTS

This section discusses the SWMP Plan components found in S5.C of the Western Washington Phase II Municipal Stormwater Permit.

### 2.1 Stormwater Planning (S5.C.1)

Each Permittee shall implement a Stormwater Planning program to inform and assist in the development of policies and strategies as water quality management tools to protect receiving waters.

Section S5.C.1 Stormwater Planning includes new requirements that apply a more “holistic” view to municipal stormwater management. This section requires a planning approach that emphasizes protection and improvement in the receiving water quality and beneficial uses under anticipated future developed conditions.

To comply with these new permit requirements, not later than August 1, 2020, the City will convene an interdisciplinary team which will inform and assist in the development, progress and influence of this program. At a minimum, the team will include representatives from Planning, Engineering, Legal, Finance and City Administration.

The team will be responsible for the following minimum performance measures:

- Coordination with long-range plan updates by describing how stormwater management needs and protection and/or improvement of the health of the receiving waters are (or are not) informing the planning update processes and influencing policies and implementation strategies.
- Annually assessing and documenting any newly identified administrative or regulatory barriers to implementation of LID principles or BMPs.
- Not later than March 31, 2022, preparation of a watershed inventory which includes a description of the receiving waters and contributing areas.
- Not later than June 30, 2022, preparation of a prioritized and ranked list of receiving waters based on which will receive the most benefit from stormwater facility retrofits, tailored implementation of stormwater management action plans, and other land/development management actions.
- Not later than March 31, 2023, development of a stormwater management action plan for at least one high priority catchment area including:
  - Description of stormwater facility retrofits;
  - Land management and development strategies and/or actions identified for water quality management;
  - Targeted, enhanced, or customized implementation of stormwater management actions;
  - Identification of changes needed to local long-range plans to address stormwater management action planning;
  - Proposed implementation schedule and budget; and
  - Process and schedule to provide future assessment and feedback to improve the planning process and implementation of procedures or projects.

accordance with S5.C.2.a.ii.(c)3, the City is electing to forgo this evaluation and change the target audience and measurement of behavioral change.

Oak Harbor will continue educating businesses on proper source control, housekeeping, and disposal of liquids and other wastes; however, the new measurement of behavioral change will be an audience specific source control educational effort (reference S5.C.8). It will have an emphasis on retrofitting of spill control separator retrofits (control hoods/tees) in private systems nearest the connection to the MS4. The target audience will be specific businesses that have higher potential to spill or dump waste into privately owned on-site catch basins. The program will educate businesses on the benefits of installing spill control separators in their catch basins and will build on the City's source control education effort that targets restaurants and other oil and grease producing businesses. Behavioral changes will be measured by tracking the installation of spill control separators as retrofits to existing systems. This program must be implemented by April 1, 2021. **The City has decided not to continue with this behavioral change program due to the cost to businesses. The City will continue with its dumpster/restaurant education program as well as monitor the contractors to whom the City provided CESCL training, to ensure this training has helped change behaviors in the proper use of BMP's. The City purchased a new 'Stormwater Pollution Prevention for Construction Sites' training video which will be provided to local contractors.**

### **2.2.2 Ongoing Activities**

The list of recurrent activities below provides education and general awareness to the general public and occurs annually. Some may not occur in a specific year if the resources are not available or public requests for specific events do not occur.

#### **Examples of General Recurrent Annual Activities**

- **Environmental Car Wash Kits** – The City maintains four car wash kits and developed a packet of information, including diagrams on how to use the kits, and a list of biodegradable soaps and where they can be purchased. These information packets were distributed at the local high school. Athletic clubs and other clubs and organizations were informed about the availability of the car wash kits for fundraisers.
- **Car Wash Kit Video** – The City hired a video professional who made a short "how to set up a car wash kit" video that is linked to the City's website and is available on CD for groups that check out a car wash kit. In 2011, the City put the video on YouTube. We also have car wash kit check out forms on the website. The video is still on the City's website and is currently offered to new users of the car wash kits.
- **Restaurant Inspections** – Since the restaurant survey and study was completed, we continue to conduct site inspections and accompanied discussion, as well as distribute new posters of the BMPs and conduct PowerPoint training videos. We also have two car wash kits strictly for business owners to check out for cleaning their outside areas.
- **Spill Control Retrofitting** – City storm water inspector was successful in getting Applebee's and Safeway to install spill control hoods in catch basins to provide downstream protection. The City will continue to educate property owners as to the benefits of installing spill control hoods/tees.

- **OHHS Automotive Shop** – City staff provides stormwater pollution and downstream effect education videos to Oak Harbor High School Automotive Maintenance Program. This target audience was selected because many of these students are training to enter the profession of automobile repair and will be working with automotive fluids and automobile repair byproducts on a daily basis.
- **Big Rig Days** – City staff takes garbage trucks, sweepers, vacators, fire trucks and dump trucks to Hillcrest Elementary School each year. Our crews explain the purpose of the equipment and how we use them to clean up spills, maintain catch basins and clean City streets. During this event, we pass out papers using our catch basin stencils and the kids color them and come up with their own phrases about how to stop pollution. The City selects some of the students' artwork and create bookmarks and garbage truck signs. We also have a book made with the posters that the students created and give it to the school.
- **Power Point Presentations** - Created and Presented Multiple PowerPoint Presentations, including the following subjects:
  - Low Impact Development (Impervious Surface Reduction & LID BMPs)
  - Backyard Green Roof Construction
  - Restoring Oak Harbor's Garry oaks (Native Vegetation Preservation & Stormwater Effects)
  - The Water Cycle
  - Engineering Presentation to Youth
- **Displays and Workshops on LID and Stormwater Videos**
- **City Council Presentations** – Present to City Council regarding NPDES II and LID requirements and BMPs
- **Stormwater Awareness Month** – Oak Harbor declares September to be “Stormwater Awareness Month”. Stickers are given out at Whidbey Coffee and K & R Farms Stand. The stickers display the image of a fish with the words: “Make A Wish-Save A Fish/Only Rain Down the Drain”. The reader board in the City of Oak Harbor displays a message regarding Storm Water awareness month. This is an ongoing activity.
- **Storm Drain Stenciling** – The City has storm drain stencils and paint for stenciling storm drain inlets. City staff works with volunteer groups to paint storm drains throughout the City. Staff has added new stencils that are more creative to continue interest. Since stenciling wears off, it is an ongoing activity.
- **Illicit Discharge Training** - Oak Harbor School District Bus Drivers.
- **Grease Information** – The City hand delivers grease information packets to the public. These packets include a brochure about pollution in Puget Sound, a tin can cover and scraper explaining the proper way to store grease.
- **Book Distribution to Elementary Schools** – *All the Way to the Ocean*.
- **Interpretive Signage** – Installed in various locations throughout parks and trails.
- **CESCL Training** – The City provided Certified Erosion Control Training to local contractors and City staff in October of 2020.
- **Dog Waste Signs** – The City partnered with Skagit Conservation District and six other entities to fabricate new dog waste signs replacing older ones as well as installing new ones around the city.

- b. Each Permittee shall post on their website their SWMP Plan and the annual report required under S9.A no later than May 31 each year. All other submittals shall be available to the public upon request.

### **2.3.2 Recent and Ongoing Activities**

The City held multiple meetings in 2012, 2013 and 2016, which were advertised in the Whidbey News-Times, the City's information TV Channel 10 and on the City's website, with the times and dates. The purpose of the meetings was to discuss the City's SWMP and to generate ideas from the public on the type of BMPs that would be most applicable for the area. However, there was no public attendance for the meetings. After no one showed for the 1<sup>st</sup> scheduled meeting in 2016, the City held a second meeting in 2016, and still not a single citizen attended. No meetings were held in 2017 or 2018 due to lack of public interest.

Public input to the SWMP has been through the ongoing public education/outreach efforts and involvement, which are two areas that the City has extensively pursued. At all public education efforts, staff has solicited feedback for incorporation into the upcoming SWMP. In addition, the City has added a page to their website soliciting public input via e-mail. The website link is <https://www.oakharbor.org/news/view.cfm?id=3281> and the e-mail address is [swmp@oakharbor.org](mailto:swmp@oakharbor.org).

The City updated the Municipal Code to implement LID as the first stormwater approach in development and redevelopment on December 31, 2016. To date, the City has not found need to update or revise the relevant code sections.

The City updated its utility rates, including stormwater rates. The ordinance was signed and approved October 20, 2020. The rate increase will go into effect in December 2021.

### **2.3.3 Planned Activities**

The City plans to adopt the March 2020 Stormwater Comprehensive Plan by City Council Resolution on March 17, 2020. Two public Planning Commission meetings were held as well as two televised City Council workshops. The Planning Commission meetings allowed for public comment; the workshops did not. The March 17, 2020 City Council meeting will hold a public hearing and allow for comment. In addition, the SEPA process was followed, which allowed for public comment. **The Stormwater Comprehensive Plan was adopted March 2020.**

As the SMAP is developed under S5.C.1, opportunities for public involvement and participation will be provided.

## **2.4 MS4 Mapping and Documentation (S5.C.4.)**

The SWMP is required to include an ongoing program for mapping and documenting the MS4.

The minimum performance measures are:

- a. Ongoing Mapping: Each Permittee shall maintain mapping data for the features listed below:
  - i. Known MS4 outfalls and known MS4 discharge points.
  - ii. Receiving waters, other than groundwater.

- a. The program shall include procedures for reporting and correcting or removing illicit connections, spills and other illicit discharges when they are suspected or identified. The program shall also include procedures for addressing pollutants entering the MS4 from an interconnected, adjoining MS4.

Illicit connections and illicit discharges must be identified through, but not limited to: field screening, inspections, complaints/reports, construction inspections, maintenance inspections, source control inspections, and/or monitoring information, as appropriate.

- b. Permittees shall inform public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste.
- c. Each Permittee shall implement an Ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges into the Permittee's MS4 to the maximum extent allowable under state and federal law. A list of allowable discharges and conditionally allowable discharges provided in section S5.C.5.c.i. and ii. If any of the discharges in these lists are identified as significant sources of pollutants to waters of the State, the City will further address the situation.
- d. Each Permittee shall implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the Permittee's MS4.12. The program shall include the following components:
  - i. Procedures for conducting investigations of the Permittee's MS4, including field screening and methods for identifying potential sources. These procedures may also include source control inspections.

The Permittee shall implement a field screening methodology appropriate to the characteristics of the MS4 and water quality concerns. Screening for illicit connections may be conducted using Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual (Herrera Environmental Consultants, Inc.; May 2013), or another methodology of comparable or improved effectiveness. The Permittee shall document the field screening methodology in the Annual Report.

- a) All Permittees shall complete field screening for an average of 12% of the MS4 each year. Permittees shall annually track total percentage of the MS4 screened beginning August 1, 2019.
- ii. A publicly listed and publicized hotline or other telephone number for public reporting of spills and other illicit discharges.
- iii. An ongoing training program for all municipal field staff, who, as part of their normal job responsibilities, might come into contact with or otherwise observe an illicit discharge and/or illicit connection to the MS4, on the identification of an illicit discharge and/or connection, and on the proper procedures for reporting and responding to the illicit discharge and/or connection. Follow-up training shall be provided as needed to address changes in procedures, techniques, requirements, or staffing. Permittees shall document and maintain records of the trainings provided and the staff trained.

### **2.5.2 Ongoing Activities**

The City enacted an ordinance prohibiting non-stormwater illicit discharges in to its MS4 and continues detecting and identifying illicit discharges/connections. Upon detection, the City may take immediate containment action if applicable. It also traces, characterizes, documents and reports in compliance with the requirements of this permit section.

In addition, the City seeks compliance within the permit allowed time frames, and will use the structure required in the permit and in the Guidance Manual prepared by Herrera in 2013. The City will continue to train municipal staff on illicit discharge detection, characterization, compliance enforcement, clean-up/containment, host a citizen hotline (360-279-4764), and maintain an up-to-date map, and appropriate record keeping for the annual report.

The City performs ditch inspections during the summer months and has trained all Public Works Divisions to watch for signs of illicit discharges/connections and spills while performing routine work throughout the City. This includes water, sewer, storm drain, solid waste, streets, and engineering divisions. Some of the specific items observed for are visual indicators and odors for septic systems, restaurants, automotive shop inspections, industrial connections, etc. as well as illicit dumping and general observation of the system. In addition, all of this is observed while performing outfall and catch basin inspections, system cleaning, mowing, and maintenance work.

Staff training has occurred with periodic follow up training. More training will occur as the new Guidance Manual is implemented.

The City informs the public and specific target audiences through direct communications, as well as general messaging. The City's Storm Drain and Wastewater Collections Compliance Inspector/Educator educates and informs businesses and HOAs about illicit discharges while educating about source and spill control. General messaging includes storm drain stenciling, an IDDE video on channel 10, programs in schools, amongst other activities.

### **2.5.3 Planned Activities**

The City screened 100 percent of its system prior to January 1, 2019 and will continue to screen at least 12 percent of the system annually per S5.C.5.d.i.(a). The City will utilize screening methods described in *Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual (Herrera Environmental Consultants, Inc.; May 2013)*, or another methodology of comparable or improved effectiveness and will document the field screening methodology in the Annual Report. The City will continue to utilize die testing where appropriate.

## **2.6 Controlling Runoff from New Development, Redevelopment and Construction Sites (S5.C.6.)**

The SWMP requirements for controlling runoff from new development, redevelopment and construction sites (Section S5.C.6 of the Phase II Permit) are summarized below, followed by a description of the ongoing and planned SWMP activities that meet these requirements.

### **2.6.1 Permit Requirements**

Section S5.C.6.a-e of the Phase II Permit lists the following requirements:

- On December 31 of 2016, we adopted a new City code incorporating development principals that are in accordance with LID design and including adoption of the 2012/14 DOE SWMM Manual, thus complying with Permit Appendix I standards. This update included reviewing and revising the applicable parts of the development code to make Low Impact Development (LID) the preferred approach. The process included both external (public) and internal stakeholders' meetings with discussion of pros and cons of possible code changes and solicitation of inputs. A summary of the results of the LID review and revision process was included with the annual report, completed March 31, 2017.
- The City began this specific process in 2015, with City staff scheduling meetings about the upcoming code changes and sending staff to significant training. Previously, the City had received a grant and worked with Puget Sound Partnership and AHBLL to update the Municipal Code to remove barriers to LID. This previous effort, along with the extensive training, proved quite valuable in this latest code update.
- In 2016 and 2017 the City sent staff members to Statewide Certification courses. Four staff members have attended sufficient classes and tested to earn certificates from the Statewide Low Impact Training Program. Two employees earned both the Design Certificate and the Operations and Maintenance Certificate. Two other employees earned the Operations and Maintenance Certificate.
- On January 31, 2018 three staff members (2 planners and 1 engineer) attended the forum titled "A Future for Stormwater Management In Puget Sound" at the Washington Stormwater Center at WSU Puyallup Extension.
- Staff attended a DOE meeting regarding new permit requirements in Mt. Vernon in 2018 and participated in two phone forums.
- Staff has also informed City elected officials, the City Administrator and City Attorney of upcoming permit requirements.
- On March 3, 2020 four staff members attended Development Reviewer (Washington State Plane Review) training at Snohomish County.

The City has been reviewing developments and redevelopment under the revised code and have not found any barriers to LID to exist. If barriers are found to exist, the pertinent section of the code will be reviewed and revised appropriately.

### 2.6.3 Planned Activities

In accordance with the 2019 to 2024 NPDES II permit requirements, the City will update the SWMP to meet any currently unmet requirements of section S5.C.6.b.i through iii by June 30, 2022.

## 2.7 Operation and Maintenance (S5.C.7)

This section summarizes Phase II Permit requirements related to pollution prevention and O&M for municipal operations (Section S5.C.7) and describes current and planned SWMP activities related to these requirements.

### 2.7.1 Permit Requirements

Section S5.C.7.a-g of the Phase II Permit lists the following requirements:

- Established standards for stormwater facility maintenance that are equivalent to those included in Ecology's Stormwater Management Manual for Western Washington (2012 as amended in 2014).

- Perform spot checks of stormwater BMPs/facilities if there are significant storms.
- Continue the process of updating stormwater facility standards. The City adopted the 2012/14 Ecology Manual in 2016 and requires that significant O&M Manuals be developed for all new facilities installed under SMMWW minimum requirements 6 and 7, whether public or private.

**2.8 Source Control Program for Existing Development (S5.C.8.)**

- a. The Permittee shall implement a program to prevent and reduce pollutants in runoff from areas that discharge to the MS4. The program shall include:
  - i. Application of operational source control BMPs, and if necessary, structural source control BMPs or treatment BMPs/facilities, or both, to pollution generating sources associated with existing land uses and activities.
  - ii. Inspections of pollutant generating sources at publicly and privately owned institutional, commercial and industrial sites to enforce implementation of required BMPs to control pollution discharging into the MS4.
  - iii. Application and enforcement of local ordinances at sites, identified pursuant to S5.C.8.b.ii, including sites with discharges authorized by a separate NPDES permit. Permittees that are in compliance with the terms of this Permit will not be held liable by Ecology for water quality standard violations or receiving water impacts caused by industries and other Permittees covered, or which should be covered under an NPDES permit issued by Ecology.
  - iv. Practices to reduce polluted runoff from the application of pesticides, herbicides, and fertilizers from the sites identified in the inventory.

The City of Oak Harbor has an existing operational source control program. It will expand this program to meet the above goals and minimum permit requirements per section S5.C.8.b. The earliest minimum requirement milestone is August 1, 2022. The 2021 SWMP update will further develop this program.

**2.9 Monitoring and Assessment (S8)**

This section summarizes Phase II Permit requirements related to stormwater monitoring and assessment (Section S8) and describes current and planned activities related to these requirements.

**2.9.1 Requirements**

Because Oak Harbor chose S8.B Status and Trends Monitoring Option #1 and S8.C Effectiveness Studies Option 1 in the 2013 to 2018 permit, it had to make two one-time payments per S8A.1 and S8B.1 by December 1, 2019. These payments were made.

Oak Harbor also had to perform its own monitoring and effectiveness studies or choose to pay into collective funds annually. Oak Harbor chose to not perform its own monitoring and effectiveness studies. Therefore, it will make annual payments to regional monitoring and collective effectiveness studies per options S8A.2.a and S8B.2.a. The City has notified DOE of its choice in accordance with the required notification due date.

The pertinent requirements of the above 3 sections are below:

the regional status and trends monitoring and the stormwater effectiveness studies. These annual payments are to be:

- S8A Regional Status and Trends Monitoring = \$3,778.
- S8B SWMP Effectiveness & Source Identifications Studies = \$6,904.

No monitoring for TMDLs has been undertaken because TMDLs have not been established for Oak Harbor at this time.

#### **2.9.3 Planned Activities**

The City will make annual payments per Appendix 11 by August 15 of each year, beginning in 2020.

### **3 REFERENCES**

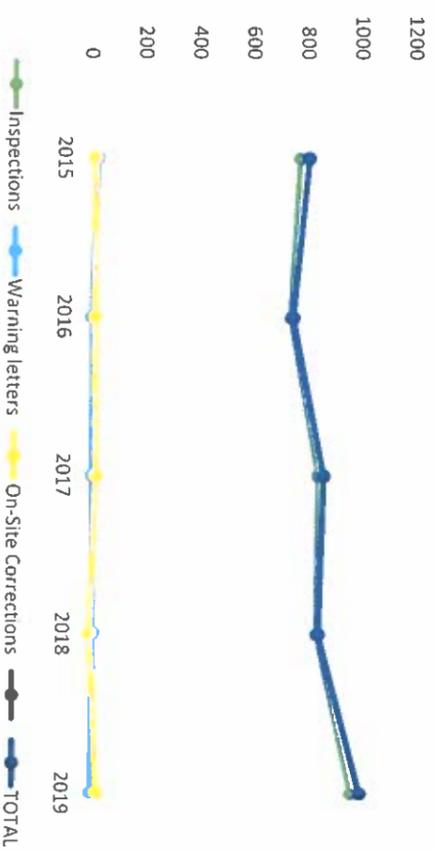
- Ecology. 2012 Stormwater Management Manual for Western Washington as Amended in December 2014. Washington Department of Ecology publication 12-10-030.
- Western Washington Phase II Municipal Stormwater Permit – August 1, 2019 to July 31, 2024.
- Western Washington Phase II Municipal Stormwater Permit – August 1, 2013 to July 31, 2019.

### City of Oak Harbor Graph Response:

In 2015, we completed a community based social marketing campaign to learn about the reasons people were not closing their dumpsters and leaving debris everywhere. From our research, we developed a strategy that consisted of paper handouts that included posters along with stickers to place on the dumpsters. As you can see from the graph, the materials worked great and we saw a dramatic decrease in the number of dumpsters with issues. As the years have gone on, we have seen a slow steady increase in warning letters sent out along with on-site corrections. We initially blitzed our service area with a focus on education, subsequently we focused on enforcement. Because of this, we feel the increase was most likely caused by changing our focus and employee turnover. The trend shows that we need to equally enforce compliance and integrate the educational component into each of our inspections so we can reduce the number of warning letters and on-site corrections.

RESTAURANT OUTREACH PROJECT					
	2015	2016	2017	2018	2019
Inspections	771	738	844	840	972
Warning letters	20	0	4	9	7
On-Site Corrections	14	11	17	0	27
<b>TOTAL</b>	<b>805</b>	<b>749</b>	<b>865</b>	<b>849</b>	<b>1006</b>

Restaurant Inspections/Violations



Number	Feat Code	Northing	Easting	Type	Dia
1	OUTFALL	470456.389	1194755.589	Conc	12
2	OUTFALL	473448.118	1196822.913	HDPE	42
3	OUTFALL	475030.498	1199268.188	Conc	8
30	OUTFALL	472025.978	1189053.334	Conc	8
31	OUTFALL	472025.978	1189053.334	Conc	8
32	OUTFALL	472025.978	1189053.334	Conc	8
33	OUTFALL	472025.978	1189053.334	Conc	8
34	OUTFALL	472025.978	1189053.334	Conc	8
35	OUTFALL	475545.697	1199751.675	Conc	24
38	OUTFALL	472025.978	1195310.282	Conc	36
63	OUTFALL	475638.44	1200543.797	Conc	8
64	OUTFALL	475615.134	1200755.023	Alum	8
65	OUTFALL	475562.651	1201039.201	Alum	12
66	OUTFALL	475508.129	1201219.058	Conc	8
67	OUTFALL	475316.058	1201645.431	Conc	18
68	OUTFALL	475623.097	1200139.124	Conc	12
69	OUTFALL	474967.337	1198968.442	Conc	8
70	OUTFALL	475001.198	1199112.195	Conc	8
71	OUTFALL	475087.054	1199580.005	Conc	8
72	OUTFALL	475057.479	1199425.356	Conc	8
73	OUTFALL	474215.31	1198134.157	Conc	42
74	OUTFALL	473514.974	1196836.782	Conc	42

Stewardship Opportunities:

Storm drain marking

Litter pick up / Navy Volunteers

Whidbey Coffee & K&R Farms (Storm Water Awareness Month)