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Annual Report

Number	Permit Section	Question
1	S5.A	<p>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.</p> <p>Not Applicable</p>
2	S5.A	<p>Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)</p> <p>Bremerton2023SWMPFinal_2_03302023142356</p>
3	S5.A	<p>Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.</p> <p>Yes</p>
4	S5.A.5.b	<p>Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)</p> <p>Yes</p>
5	S5.C.1.	<p>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</p> <p>Yes</p> <p>Comment: We have group that meets to review areas of the planning effort within their area of responsibility. Representatives from Engineering, Community Development, Stormwater Operations and Maintenance, and our Building Department. We accept written comments from the community and discuss concerns when presented. Draft SMAP sections and draft SW Comp Plan are posted to the City's Website with email and social media news releases, and billing inserts are used to encourage public review and comments. Outside agencies such as WDFW, and local Tribes are sent draft documents for review and comment.</p>
15	S5.C.1.c	<p>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)</p> <p>Yes</p> <p>Comment: We did not identify any barriers to implementing LID in 2022.</p>
16	S5.C.1.c	<p>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)</p> <p>No</p>

Number	Permit Section	Question
19	S5.C.1.d	Developed a Stormwater Management Action Plan (SMAP) for at least one high priority area? (S.5.C.1.d.iii – Required by March 31, 2023) Yes
19a	S5.C.1.d	Attach SMAP(s) Bremerton Stormwater Mgmt Acti_19a_03302023080949
20	S5.C.2	Did you choose to adopt one or more elements of a regional program? (S5.C.2) Yes
20a	S5.C.2	If yes, list the elements, and the regional program. In 2022, WSSOG, which the City is a member of, expanded the behavior change campaign to meet permit requirements S5.C.2.a.ii(c). WSSOG initially began working with a consultant, C+C, in 2018 to identify a new target audience and a new best management practice (BMP). Natural Yard Care became the focus and WSSOG identified residents who have either children or pets in their homes as the target audience. The BMP selected was on the use of fertilizers/weed and feed. In 2022, the campaign was expanded to all the WSSOG-member jurisdictions.
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. 2022 WSSOG NYC Final Report_21_03282023081758
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. 2022 draft Stewardship activit_26a_03282023081758
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) Bremerton uses social media, emails, and billing inserts to notify or announce activities where residents are invited to participate in stormwater planning efforts. There is an online survey where anyone can submit questions, issues, or suggestion that are addressed by staff. Bremerton also has an application that can be downloaded from the Apple or Google stores to use on PCs, phones, or tablets to report issues or concerns. When we receive input from citizens our staff contacts the person to gather more information and/or answers questions and records the suggestions in our Customer Response database.
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. https://www.bremertonwa.gov/489/Stormwater-Management-NPDES-Phase-II

Number	Permit Section	Question
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). BremertonStormwater_outfalls_30a_03242023110806
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) Yes
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. Bremerton has several videos uploaded to the city's network that present issues such as IDDE, and various stormwater related pollution prevention topics. Staff are assigned training that is accompanied by a test on a regular basis. Inspection staff provide brochures and general pollution prevention information during inspections. These brochures are also placed in public spaces and businesses around the city.
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 Discharge Detection and Elimination: A Guidance Manual for Program Development and Technical Assessments, Center for Watershed Protection, October 2004 & Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual, Herrera Environmental Consultants, 2013
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.) 37

Number	Permit Section	Question
36a	S5.C.5	<p>Cite field screening techniques used to determine percent of MS4 screened.</p> <p>Basin size in acres compared to the total urban area of the city's stormwater basins defines the area surveyed. The city has 3,602 acres of urban development, where the majority of the MS4 is located. Focus is being placed on the highest density areas of the city where illicit connections are more likely to occur. Field work starts at the outfall and works their way up to the various branches of the collection system. Drainage basin area is used to determine percent of MS4 screened.</p>
37	S5.C.5	<p>Percentage of total MS4 screened from permit effective date through the end of the reporting year. (S5.C.5.d.i.)</p> <p>85</p>
38	S5.C.5	<p>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)</p> <p>Bremerton uses the following methods to post email address and Hotline phone number for public use: signs are posted in public areas in the downtown core, in parking garages, and other public property; signs on the side of street sweepers; City's website; and the Bremerton1 application that can be downloaded to phones, tablets, and desktop computers. T</p>
39	S5.C.5	<p>Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.5.d.iii.</p> <p>Yes</p>
40	S5.C.5	<p>Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.5.e.</p> <p>Yes</p>
41	S5.C.5	<p>Municipal illicit discharge detection staff are trained to conduct illicit discharge detection and elimination activities as described in S5.C.5.f.</p> <p>Yes</p>
42	S5.C.5	<p>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.</p> <p>Imported from WQWebIDDE</p>
43	S5.C.6.	<p>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.</p> <p>Yes</p>
44	S5.C.6.	<p>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)</p> <p>Yes</p>

Number	Permit Section	Question
44a	S5.C.6.	Cite code reference in Comments field. Bremerton Municipal Code 15.04.120 ON-SITE PRIVATE DEVELOPMENT OR REDEVELOPMENT IMPROVEMENTS. Also, Division 2 of the Engineering Design and Construction Standards - Earthwork and TESC that are adopted through BMC 15.04.020 ADOPTION OF MANUALS. 15.04.070 REGULATED ACTIVITIES
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. 65
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? No
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. 49
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

Number	Permit Section	Question
51	S5.C.6.	<p>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)</p> <p>Yes</p>
52	S5.C.6.	<p>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)</p> <p>1</p>
53	S5.C.6.	<p>Achieved at least 80% of scheduled construction-related inspections. (S5.C.6.c.vi)</p> <p>Yes</p>
54	S5.C.6.	<p>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)</p> <p>Yes</p>
55	S5.C.6.	<p>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)</p> <p>Yes</p>
56	S5.C.7.	<p>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.?</p> <p>Yes</p> <p>Comment: The City of Bremerton Stormwater Facility Maintenance Manual was updated in 2022 to meet the SWMMWW guidance and can be found here: https://www.codepublishing.com/WA/Bremerton/#!/Bremerton15/Bremerton1504.html#15.04.120 It is updated as changes are made to founding regulations and guidance manuals. These requirements apply to both private and City owned and maintained systems.</p>
57	S5.C.7.	<p>Updated maintenance standards specified in Stormwater Management Manual for Western Washington per S5.C.7.a? (Required no later than June 30, 2022)</p> <p>Yes</p>
58	S5.C.7.	<p>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)</p> <p>No</p>
59	S5.C.7.	<p>Verified that maintenance was performed per the schedule in S5.C.7.a.ii when an inspection identified an exceedance of the maintenance standard.</p> <p>Yes</p>
59a	S5.C.7.	<p>Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control.</p> <p>Not Applicable</p>

Number	Permit Section	Question
60	S5.C.7.	<p>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))?</p> <p>Yes</p> <p>Comment: All existing and new private stormwater facilities are required to maintain their systems per the City's Operation and Maintenance Manual that is based on the SWMMWW. Long term O&M for new development is defined and supported in 15.04.160 CONSTRUCTION AND MAINTENANCE OF PRIVATE STORMWATER FACILITIES of the Bremerton Municipal Code. All new development must meet requirements established by the Permit and SWMMWW.</p>
61	S5.C.7.	<p>Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.i(b)</p> <p>Yes</p>
61a	S5.C.7.	<p>If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.b.i (b)</p> <p>Not Applicable</p>
62	S5.C.7.	<p>Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii)</p> <p>Yes</p>
63	S5.C.7.	<p>Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)</p> <p>Yes</p> <p>Comment: All stormwater treatment and flow control systems are inspected and maintained annually to keep them functioning as designed. These include Modular Wetlands Systems, Filterra systems, BioPods, CDS units, stormwater ponds, Stormfilter canister systems, and others.</p>
63a	S5.C.7.	<p>Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)</p> <p>60</p>
63b	S5.C.7.	<p>Number of facilities inspected during the reporting period.</p> <p>60</p>
63c	S5.C.7.	<p>Number of facilities for which maintenance was performed during the reporting period.</p> <p>60</p>
64	S5.C.7.	<p>If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.c.i.</p> <p>Not Applicable</p>
65	S5.C.7.	<p>Conducted spot checks and inspections (if necessary) of potentially damaged stormwater facilities after major storms as per S5.C.7.c.ii.</p> <p>Yes</p>

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) Yes
66a	S5.C.7.	Number of known catch basins? 4488
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 2256
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 1224
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) Yes
69a	S5.C.7.	Cite documentation in Comments. Internal policies, municipal codes, and maintenance manual support and implement actions to enact pollution prevention efforts for city activities. These address activities to maintain the MS4, buildings, parking lots, road work, vegetation management, fertilizer/herbicide application, trash collection.
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 Comment: Bremerton's Public Works and Operations Center on Oyster Bay Ave. N., is the locations of heavy equipment storage and maintenance for the city. It operates under a Conditional Non Exposure (CNE) and has an up-to-date SWPPP, reviewed and updated in 2022. There are several other sites with SWPPPs in the city that are periodically reviewed and updated.
72	S5.C.7.	Updated, if needed, SWPPPs according to S5.C.7.f no later than December 31, 2022. Yes

Number	Permit Section	Question
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) Yes
73a	S5.C.8	Cite ordinance. (Required by August 1, 2022) Bremerton Municipal Code 15.04 Stormwater 15.04.050 STORMWATER MANAGEMENT PROGRAM (SWMP) identifies the Source Control program requirements. 15.04.140 ABATEMENT OF NONCONFORMING, UNAUTHORIZED OR UNSAFE CONDITIONS. 15.04.190 PROHIBITED ACTS. 15.04.210 VIOLATION ENFORCEMENT - PENALTY Additionally, a policy supports the business source control program.
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.) Yes
74a	S5.C.8	Number of total sites identified for the inventory. 802
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023). Yes
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023). Yes
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. Source Control development2022_77_03302023124214
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 Comment: No inspections were completed in 2022 to provide data for this question
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v? Yes Comment: WSU Puyallup Extension, with Herrera Consulting provide source control inspector training to Bremerton staff as well as other local jurisdictions on 10/6/2022 as part of our regional coordination to implement the program.
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A) Yes
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) 2022 TMDL Activities_81_03282023102354

Number	Permit Section	Question
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
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) No
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field. 0

Attachments:

[View Files Attached to Submission](#)

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR045507_26a_03282023081758	2022 draft Stewardship activit_26a_03282023081758	.pdf	1366484	1858618	wqwebportal
View	WAR045507_81_03282023102354	2022 TMDL Activities_81_03282023102354	.pdf	1366588	1858618	wqwebportal
View	WAR045507_21_03282023081758	2022 WSSOG NYC Final Report_21_03282023081758	.pdf	1366483	1858618	wqwebportal
View	WAR045507_19a_03302023080949	Bremerton Stormwater Mgmt Acti_19a_03302023080949	.pdf	1367616	1858618	wqwebportal
View	WAR045507_2_03302023142356	Bremerton2023SWMPFinal_2_03302023142356	.pdf	1367991	1858618	wqwebportal
View	WAR045507_30a_03242023110806	BremertonStormwater_outfalls_30a_03242023110806	.pdf	1365847	1858618	wqwebportal
View	WAR045507_77_03302023124214	Source Control development2022_77_03302023124214	.pdf	1367898	1858618	wqwebportal
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