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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>CoS 2022 SWMP Final_2_03302022080035</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> <p>Comment: The Surface Water Program continues close coordination with other City Departments on continuous process improvement to improve permit compliance.</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>
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>
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> <p>Comment: No barriers to the implementation of LID Principals or LID BMPs were identified in 2021. Staff have an annual meeting specifically to discuss and investigate any potential administrative or regulatory barriers to implementation of LID Principles or LID BMPs.</p>
17	S5.C.1.d	<p>Developed a watershed inventory as outlined in S5.C.1.d.i? (Submitted by March 31, 2022)</p> <p>Yes</p>
17a	S5.C.1.d	<p>Attach watershed inventory as described in S5.C.1.d.i.</p> <p>S5.C.1.d.i_ Receiving Water Ass_17a_03302022080240</p>

Number	Permit Section	Question
18	S5.C.1.d	Developed a receiving water prioritization method and process as described in S.5.C.1.d.ii(a)-(c)? (Required by June 30, 2022.) Not Applicable Comment: On track to be completed by June 30, 2022 deadline.
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. Puget Sound Starts Here Regional Ad Campaign. Puget Sound Starts Here bus ad campaign. Two Natural Yard Care webinars that shared key messages; Natural Yard Care (NYC) materials also provided on City website.
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. Appndx. B - 2021 Education and_21_03302022080845 Comment: See Appndx. B - 2021 Education and Outreach Tracking Form.xlsx
23	S5.C.2	Developed a behavior change campaign that is tailored to the community in accordance with S5.C.2.a.ii(c)? (Required no later than February 1, 2021) Yes Comment: Continued implementation of our behavior change program, Soak It Up LID Rebate Program
23a	S5.C.2	Attach the strategy and schedule developed in accordance with S5.C.2.a.ii(c). SIU Behavior Change Program St_23a_03302022080928 Comment: See SIU Behavior Change Program Strategy and Schedule.pdf
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) Yes Comment: Offered 3 technical assistance workshops to support skill development and 1:1 support in designing, installing, and maintaining rain gardens and native landscapes with amended soils.
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. Comment: See Appndx. B - 2021 Education and Outreach Tracking Form.xlsx
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 public can provide direct input to the SWMP via the City's Website at any time of the year. Additionally, the public can comment each year on the Capital Improvement Plan and City budget that details programs outlined in the current Surface Water Master Plan. Public opportunities to comment on the

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		SMAP started in early 2022.
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) No Comment: A G20 letter was submitted on July 12th 2021 due to the City not posting the SWMP Plan to the City website. The error was corrected and the 2022 SWMP Plan is already posted on the City's website. The 2022 SWMP Plan is available online at: https://www.shorelinewa.gov/government/departments/public-works/surface-water-utility/more-information/npdes-permit
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). Q30a 2021 Outfall List_30a_03302022081145 Comment: See Q30a 2021 Outfall List.csv
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 Comment: Currently underway, on track to meet the August 1, 2023 deadline.
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) 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. Articles published in Citywide newsletter, under "Salmon-Safe" column, and in Annual Utility Report. Social media posts. Pollution Prevention Assistance Program shares this message with businesses (SQGs).
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 Comment: Shoreline Municipal Code Chapter 13.10.320 & 330 https://www.codepublishing.com/WA/Shoreline/#!/Shoreline13/Shoreline1310.html#13.10
35	S5.C.5	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.5.d.i. Yes

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35a	S5.C.5	Cite field screening methodology in Comments field. Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidant Manual, Herrera Environmental Consultants, Inc. and Aspect Consulting, LLC, May 2020
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.) 34.9
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. CB/MH inspections, ditch inspections, CCTV inspections of pipes
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.) 64.8
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) Recology trucks, CRT trucks, multiple webpages, SWU Annual Report, Annual Stormwater Management Program Plan
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. 2021 IDDEs for WAR045542_42_03302022081433
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 Comment: Shoreline Municipal Code 13.10 - Surface Water Utility, and the City's 2021 Engineering Development Manual
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) Yes

Number	Permit Section	Question
44a	S5.C.6.	Cite code reference in Comments field. Shoreline Municipal Code 13.10.200 Adoption of Stormwater Management Manual; 2019 SWMMW was adopted under City of Shoreline Engineering Development Manual as of 2021.
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. 868 Comment: TRAKiT advanced search "SW Civil Reviews" Date based on 'Date Received'. Includes Civil reviews AND Civil resubmittals. This is not a distinct project number count, as some projects have multiple permits.
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 Comment: City of Shoreline goes beyond the requirements in Appendix 7 and requires inspection for all construction sites with sufficient ground disturbance to trigger a City permit, including all demolition, clearing and grading, site development, and/or Right Of Way permits.
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. 51
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)

Number	Permit Section	Question
		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)
		25
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? (Required no later than June 30, 2022)
		Yes
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)
		Yes
58a	S5.C.7.	Note what kinds of facilities are covered by this alternative standard. (S5.C.7.a)
		Filtrerra, Aqua Swirl, CDT filter, Contech storm filters, Silva cells
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.
		Yes
59a	S5.C.7.	Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control.
		Not Applicable

Number	Permit Section	Question
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.i(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) 115 Comment: 16 City stormwater system assets (10 Regional Facilities, 1 Residential Facility, and 5 Park Facilities) are omitted in the count for 2021 reporting after internal reviews found these 16 assets were lacking in actual stormwater treatment and flow control BMPs/facilities
63b	S5.C.7.	Number of facilities inspected during the reporting period. 88 Comment: We inspected all of the Regional Facilities and approximately half of the Residential Facilities. The Residential Facilities are on a reduced inspection frequency. Some of the City's Facilities do not contain flow control or stormwater treatment. Only facilities with BMPs have been included.
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. 53
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

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66a	S5.C.7.	Number of known catch basins? 7806
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 3978
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 568
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 Comment: On track for December 31, 2022 deadline
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: In 2021, the City took ownership of the Linden Maintenance Facility - where the City Wastewater Utility crew is based - when assumption of the Ronald Wastewater District was finalized. There is no storage of any materials or uncovered cleaning and maintenance of heavy equipment at the Linden Maintenance Facility that could impact surface waters and water quality, as such a SWPPP is not required for that facility
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 Comment: On track for August 1, 2022 deadline

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74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.) Not Applicable Comment: On track for August 1, 2022 deadline
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023). Not Applicable Comment: On track for January 1, 2023 deadline
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023). Not Applicable Comment: On track for January 1, 2023 deadline
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,

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		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 Comment: No AMR were required for any submitted S4.F.3.a in 2021
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) Yes
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field. 4
94a	G20	List permit conditions described in non-compliance notification(s). Non-Compliance Notification for S5.C.6.c.iv. for 2020 noncompliance to inspect all stormwater treatment and flow control BMPs/facilities, and catch basins, in new residential developments every six months Non-Compliance Notification for S5.C.3.b. noncompliance regarding timely posting of 2020 Annual Report Non-Compliance Notification for missed S4.F.1. notification deadline (from 2020 event) Non-Compliance Notification for S5.C.7.a.ii past due Private Facility Maintenance regulated per 5.C.7.b.i

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR045542_42_03302022081433	2021 IDDEs for WAR045542_42_03302022081433	.xlsx	1233845	1781975	wqwebportal
View	WAR045542_21_03302022080845	Appndx. B - 2021 Education and_21_03302022080845	.xlsx	1233839	1781975	wqwebportal

View	Submitted Copy of Record for City of Shoreline	Copy of Record CityofShoreline Wednesday March 30 2022	.pdf	1234000	1781975	wqwebportal
View	WAR045542_2_03302022080035	CoS 2022 SWMP Final_2_03302022080035	.pdf	1233837	1781975	wqwebportal
View	Submitted Cover Letter for City of Shoreline	Cover Letter CityofShoreline Wednesday March 30 2022	.pdf	1234002	1781975	wqwebportal
View	WAR045542_30a_03302022081145	Q30a 2021 Outfall List_30a_03302022081145	.csv	1233841	1781975	wqwebportal
View	WAR045542_17a_03302022080240	S5.C.1.d.i_Receiving Water Ass_17a_03302022080240	.pdf	1233838	1781975	wqwebportal
View	WAR045542_23a_03302022080928	SIU Behavior Change Program St_23a_03302022080928	.pdf	1233840	1781975	wqwebportal

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