



Water Quality Program

Permit Submittal Electronic Certification

Permittee: SAMMAMISH CITY

Permit Number: WAR045540

Site Address: 801 228TH AVE NE
Sammamish, WA 98075

Submittal Name: MS4 Annual Report Phase II Western

Version: 1

Due Date: 3/31/2023

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)	Q2 2023 SWMP_2_01052023075 535
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
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
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)	No
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)	2022 Q 19_Sammamish_SMAP _wAppe_19a_03092023 100451
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.	<p>This year, Sammamish once again collaborated with STORM on an education and awareness digital ad campaign focused on car care behaviors. Ads were placed across multiple platforms, including targeted digital video and display, Facebook, Instagram, and YouTube. The ads ran September (Puget Sound Starts Here Month) through mid-October and generated over 28K impressions from Sammamish zip codes.</p> <p>In 2022 Sammamish was one of 14 jurisdictions that collaborated with SOG on messaging and development of a media campaign on King County Metro buses with ads that state, "Only Rain Down the Storm Drain" and a best management practice. Those ads garnered over 3 million impressions.</p> <p>Aside from STORM and SOG, City of Sammamish Staff (Engineering Technician, Lisa Werre) has been deeply involved in STORM Symposium Planning Committee, Dumpster Outreach Core Team, Dumpster Outreach Implementation Team, Business Inspection Group (BIG) and north end Stormwater Outreach Group (SOG) for 6 years.</p>
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 Q 21 PEO_21_01312023073 837
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 Q 26a Stewardship Opportu_26a_01192023 121711
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)	<p>The City of Sammamish had opportunities for the public, including overburdened communities, to participate in the decision-making processes involving the development of different elements of the stormwater program and stormwater management action planning. Due to CoVid closures the City offices remained closed through May of 2022. Access to the public provided computer in the City Hall lobby was not accessible until June of 2022. Below are specific opportunities the public had.</p> <ul style="list-style-type: none"> • Project updates on the Fish Passage Projects were provided to the Kokanee Work Group, which holds regular meetings open to the general public for comment. • The City also participates in other regional work groups including the WRIA 8 Salmon Recovery Council (Watershed Resource Inventory Area). This organization is comprised of 29 local government partners. The group provides region-wide outreach of agency efforts that support Salmon Recovery Council's mission. This includes the City's stormwater program efforts. • Laughing Jacobs Basin Plan <ul style="list-style-type: none"> o January 4, 2022: Conducted public informational presentation at City Council meeting o April 12, 2022: Present draft basin plan

to Public at City Council meeting.

o May 17, 2022:

Council adopts final basin plan at City Council meeting.

• Stormwater Capital Improvement Plan

o September 20, 2022:

The Public Hearing for the 2023-2028 SW CIP was opened at the September 20, 2022 City Council meeting.

o October 4, 2022: The Public Hearing remained open, and was closed at the October 4, 2022 City Council meeting.

o October 18, 2022:

Revisions made to the 2023-2028 SW CIP based on public comments received and were presented by staff at the October 18, 2022 City Council meeting and City Council adopted the 2023-2028 Stormwater Capital Improvement Plan.

• Storm and Surface Water Utility Rate Study

o September 7, 2021:

Staff Presentation: Introduction to the Rate Study

o April 19, 2022: Staff Presentation: Approach to Rate Study

o June 14, 2022: Staff Presentation: Considerations for Operational Levels of Service Council approval of Issue Paper

1: Fiscal Policy Assessment Council approval of Issue Paper 2: Maintenance Compliance

o July 19, 2022: Staff Presentation:

Considerations for Capital Levels of Service Discussion & Presentation of Issue Paper 3: Capital Funding Tools

o September 6, 2022:

Staff Presentation: Draft 2023-2028 SW CIP & Draft Rate Model

o September 20, 2022: Staff Presentation & Public Hearing for the 2023-2028 SW CIP, based on the Enhanced LOS

o October 4, 2022: Staff Presentation & Public Hearing for the 2023-2028 SW CIP Staff Presentation: Updates to the Final Rate Model Staff Presentation: 408 and 438 Budget

o October 18, 2022: City Council adopted the 2023-2028 SW CIP City Council adopted the Enhanced Level of Service for the Storm & Surface Water Utility for 2023 and 2024

o November 1, 2022: City Council adopted the 2023 Fee Schedule via Resolution R2022-974, setting the 2023 SWM fees.

o November 15, 2022: City Council adopted the 2023-2024 Biennial Budget via Ordinance O2022-546, including the Surface Water Management Fund (408 and 438).

- Public comment on the SWMP is advertised on the city website.
- Stormwater Code Updates

o Staff and the consultant team presented the proposed stormwater code amendments to the Planning Commission on February 17th, April 7th, and April 21st.

o May 10, 2022 City Council held a study session to consider code amendments.

o June 6, 2022 a Determination of Non-Significance was issued for the stormwater code amendments and sent to interested parties.

o June 21, 2022 City Council adopted stormwater code amendments.

o October 4, 2022 City

			Council adopted revisions to the stormwater code amendments.
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.sammamish.us/government/public-works/stormwater/npdes-stormwater-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).	2022 Q 30a Known Outfalls_30a_01192023 121733
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
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.	The City informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste through many avenues. Including but not limited to: <ul style="list-style-type: none"> • Staff trainings • Neighborhood mailers • ECOSS spill kit program • The City's website • Social Media posts • The Storm Corner Kiosk in City Hall – open June 2022 • Connect Sammamish – interactive web page
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.	The City use Herrera's updated Illicit Connection and Illicit Discharge (IC-ID) Field Screening and Source Tracing Guidance Manual (2020). Field screening of 40% of the MS4 for ID/IC is documented & completed by a combination of contracted inspection & in-house inspection of CBs outfalls & ponds.
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.)	40
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened.	The City uses multiple screening methods to screen our MS4. We do CB inspections of 40%-60% of our City each year, based on zone maps (1,2, 5 in odd years, and 3 and 4 in even years). This service is contracted out, and a City staff member verifies the work is complete.
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.)	100
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 Spill hot line is advertised on our website as well as social media posts throughout the year. In 2019 a phone app called "My Sammamish" (internally called SeeClickFix [SCF]) was introduced to citizens and has a spill reporting module. In 2022 the majority of resident IDDE reports came from SCF.
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.	WAR045540-2022-ImportedIDDEs_03162023084135
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)	Yes
44a	S5.C.6.	Cite code reference in Comments field.	Sammamish Development Code (SDC) 21.03.050 (D)3.a
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)	1
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.	123
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.	60
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)	11
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)	R-tank, Filterra and Modular wetland systems; manufacturer maintenance standards are followed.
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
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)	477
63b	S5.C.7.	Number of facilities inspected during the reporting period.	477
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period.	132
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? (S.5.C.7.c.iii)	Yes
66a	S5.C.7.	Number of known catch basins?	12234
66b	S5.C.7.	Number of catch basins inspected during the reporting period?	6459
66c	S5.C.7.	Number of catch basins cleaned during the reporting period?	4853
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.	2022 Sammamish Site Management Plan
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.	Yes
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)	SDC 21.030.050.F.3
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.	90
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.	2022 Q77 Source Control Progra_77_0131202310 2952
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?	Yes
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
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.

Audrie Starsy

3/27/2023 2:30:32 PM

Signature

Date