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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>2_2023 SWMP_Burien_2_03282023092157</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>
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>
19	S5.C.1.d	<p>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)</p> <p>Yes</p>
19a	S5.C.1.d	<p>Attach SMAP(s)</p> <p>Burien SMAP for NPDES Permit s_19a_03282023092415</p>

Number	Permit Section	Question
20	S5.C.2	<p>Did you choose to adopt one or more elements of a regional program? (S5.C.2)</p> <p>Yes</p>
20a	S5.C.2	<p>If yes, list the elements, and the regional program.</p> <p>StormFest: In collaboration with the cities of Normandy Park, Des Moines, SeaTac, and King County, the City of Burien hosts an annual stormwater educational event for Highline School District (HSD) 6th graders. At StormFest, students learn about their local watershed, sources of pollution, and engineering solutions to prevent stormwater pollution. In 2022, StormFest was an event at five HSD middle schools. Over the course of 10 event days, educators, interpreters, and volunteers with StormFest taught over 1,400 6th and 7th grade students about stormwater pollution and pollution prevention solutions. Puget Sound Starts Here (PSSH): Burien contributed to and promoted the 2022 PSSH BMP ad campaign, targeted at vehicle maintenance behaviors. The campaign consisted of ad content that was run through September and October across multiple platforms, including Facebook, Google, Instagram, and YouTube. Dumpster Outreach Group (DOG): Burien actively participated in the DOG and subsequent pilot campaign. Burien is also a member of the DOG planning team. Burien is adopting most of the elements of the regional campaign. This includes using DOG developed outreach materials (consistent messages across the region), business surveys, and the campaign developed outreach toolkit. STORM: Burien is an active member in STORM. Burien continued to support STORM by remaining a steering committee member in 2022.</p>
21	S5.C.2	<p>Attach a description of general awareness efforts conducted, including your target audiences and subject areas, per S5.C.2.a.i.</p> <p>21_general awareness efforts_21_03212023152955</p>
26	S5.C.2	<p>Promoted stewardship opportunities (or partnered with others) to encourage resident participation in activities such as those described in S5.C.2.a.iii.</p> <p>Yes</p>
26a	S5.C.2	<p>Attach a list of stewardship opportunities provided.</p> <p>26_stewardship opportunities_26a_03212023152955</p>
27	S5.C.3.	<p>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> <p>The City posts the latest version of the SWMP and Permit Annual Report on the City's website by May 31st each year. The City receives comments and input on the SWMP and Annual Report through the City's website and City newsletters. The City is looking at new ways to incorporate public input and feedback on the SWMP. In 2022, the City conducted outreach around the development of the SMAP. The general public along with specific organizations and groups were targeted for outreach, including the Suquamish, Muckleshoot, and Puyallup Tribal Agencies. The City developed a webpage on the Burien Community Hub about the SMAP process, which was updated with information regularly surrounding phases of the SMAP and links to outreach documents. A survey was developed to hear feedback from the community around the different stormwater actions proposed for the SMAP. Hyperlocal media was utilized to promote the survey and subsequent outreach efforts around the SMAP. Staff conducted outreach at events in the summer of 2022, including the Burien farmers market and the Boulevard Park Block Party. The City also developed a video to inform residents about the SMAP process and solicit feedback, which lives on the Community Hub. Community members were encouraged to ask questions about the SMAP via email, phone, or over meetings with staff (either virtual or in-person). Finally, two story maps were developed to show the Burien watersheds in the downtown area, and to show recommended stormwater solutions in the downtown area.</p>

Number	Permit Section	Question
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.burienwa.gov/residents/public_works/stormwater/NPDES
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). 30a_outfall_size_30a_03212023162019
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. City staff conducts site visits when there are illicit discharges reported. At the site visits, staff inform business managers or property owners of the hazards of illicit discharges, and the proper way to dispose of waste. The City promotes King County Hazardous Waste Disposal locations (e.g. the Wastemobile) on social media. The City posts information regarding the hazards associated with illicit discharges on its website, and reviews and updates it periodically as needed. Additionally, beginning in 2023, staff will discuss illicit discharges and proper waste disposal with businesses that are inspected as part of the City's Source Control business inspection program.
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. Utilizing Ecology's 2020 Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual (IDDE Manual) as a procedural guide, the City has begun to implement a combination of Catch Basin/Manhole and Outfall inspections as its IDDE Field Screening Methodology. Inspections will begin at

Number	Permit Section	Question
		an outfall, and when signs of any current or past potential illicit discharge are present, inspections will progress upstream, following a "monitoring node approach", as described in Section 3 of the IDDE Manual, in which the inspection of a small drainage area is begun at an outfall, and each outfall or catch basin inspected will include up to 20 upstream catch basins, or an entire conveyance network, whichever is smaller. Each grouping of catch basins is considered a "node." Standard field screening techniques, based on the IDDE Manual, will be applied to these inspections. An electronic inspection form has been developed for the City's Cityworks Asset Management system and has been used for Field Screening inspections beginning in 2015.
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.) 20
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. Percentage of MS4 screened in Burien is based on total number of identified outfalls in the City.
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.) 94
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) Burien's illicit discharge and spill hotline is listed on the City's website, at burienwa.gov/stormwater.
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. Imported from WQWebIDDE
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)

Number	Permit Section	Question
		Yes
44a	S5.C.6.	Cite code reference in Comments field. Per Burien Ordinance 792, adopted May 16, 2022, BMC sections 13.10, 15.05, 15.10 and 15.40 were revised and updated to comply with this Permit requirement.
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. 200
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)? No Comment: This question should either have N/A as an option, or should not show up when question 48 is answered YES. Our actual answer is N/A since we answered yes to 48.
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. 91
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.	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) 7
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) No
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. 59a_maintenance timeline excee_59a_03242023083703

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) 120
63b	S5.C.7.	Number of facilities inspected during the reporting period. 120
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. 54
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? 6336
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 3274







Number	Permit Section	Question
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 91
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. In 2018, prior to the current NPDES Permit becoming effective, the City developed a Standard Operating Procedures document for City operations, which included all referenced BMPs. This document satisfies the requirement described in S5.C.7.d, required to be completed by December 31, 2022.
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) Not Applicable Comment: Burien has had in its code for many years the requirement of source control BMPs, and the ability to inspect for them. See BMC 13.10.250.
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.) Yes

Number	Permit Section	Question
74a	S5.C.8	Number of total sites identified for the inventory. 426
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. 77_source control implementati_77_03242023085303
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: Burien isn't conducting inspections for this new program until 2023, so no list can be submitted for this Annual Report. A list of 2023 inspections will be included with the 2024 Annual Report.
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

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) 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) Not Applicable
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) 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. 1
94a	G20	List permit conditions described in non-compliance notification(s). Burien staff failed to investigate an IDDE report within the allowable time, and failed to report the incident to Ecology (ERTS) within the allowable time. Burien resolved this occurrence of non-compliance by updating its staff response procedures and staff training.

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
	WAR045509_2_03282023092157	2_2023 SWMP_Burien_2_03282023092157	.pdf	1366534	1857133	wqwebportal
	WAR045509_21_03212023152955	21_general awareness efforts_21_03212023152955	.pdf	1364877	1857133	wqwebportal
	WAR045509_26a_03212023152955	26_stewardship opportunities_26a_03212023152955	.pdf	1364878	1857133	wqwebportal
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	WAR045509_77_03242023085303	77_source control implementati_77_03242023085303	.pdf	1365745	1857133	wqwebportal

View	WAR045509_19a_03282023092415	Burien SMAP for NPDES Permits_19a_03282023092415	.pdf	1366535	1857133	wqwebportal
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