



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>Lakewood 2021 Stormwater Manag_2_03162021072801</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>
4a	S5.A.5.b	<p>Attach a written description of internal coordination mechanisms. (S5.A.5.b).</p> <p>Question 4a NPDES Annual Repor_4a_02242021085934</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>
6	S5.C.1.b.i(a)	<p>List the relevant land use planning efforts that have taken place in your jurisdiction (land use plans that are used to accommodate growth, stormwater management, or transportation). (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)</p> <p>Downtown Sub-Area Plan, Annual Comprehensive Plan, Six-Year Comprehensive Transportation Improvement Program, and the Stormwater Management Plan.</p>
7	S5.C.1.b.i(a)	<p>List of stormwater capital projects (currently in or slated for future design and construction) that resulted from this planning. (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)</p> <p>Question 7 NPDES Annual Report_7_03152021145148</p>
8	S5.C.1.b.i(a)	<p>Describe watershed protection measures associated with stormwater management and land use planning actions that resulted from this planning. (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023)</p> <p>none</p>

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9	S5.C.1.b.i(a)	Were land acquisitions identified (or are planning ahead for) that are useful for stormwater facilities to accommodate growth or to better serve an existing developed area? (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023) No
10	S5.C.1.b.i(a)	Identified corrective actions, in addition to the minimum requirements of the Municipal Stormwater Permits, to control or treat municipal stormwater discharges that pollute waters of the State (e.g. Limits to impervious cover added to any zoning districts, regional facility planning, minimization of vegetation loss, etc.)? (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023) No
11	S5.C.1.b.i(a)	Updates to goals and policies related to investment in stormwater management facilities/BMPs? (yes/no) (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023) No
12	S5.C.1.b.i(a)	Does the long-range plan identify the location and existing capacity of the stormwater facilities owned or operated by the permittee and show which of those stormwater facilities have unused capacity? (yes/no) (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023) No
12a	S5.C.1.b.i(a)	Do these stormwater facility locations impact where housing, or other types of development, are projected to be located or influence the acquisition of land? (if yes, how?) No
12b	S5.C.1.b.i(a)	Does the long-range plan identify a lack of facilities and the potential impacts of existing or new development to those areas and receiving waters? No
12c	S5.C.1.b.i(a)	Any new proposed locations and capacities of stormwater facilities needed for the timeframe of the plan? No
13	S5.C.1.b.i(a)	Based on the projected population densities and distribution of growth over the planning period, describe how stormwater runoff impacts are forecasted. Does stormwater management information (including water quality) direct where growth is directed? (S5.C.1.b.i(a) and (b) – Required by March 31, 2021 and January 1, 2023) The City of Lakewood is only anticipating 1% growth. Soils within the City's boundary typically infiltrate well. This allows development, redevelopment and infill projects to manage stormwater runoff on-site. The City does not currently anticipate any new discharges into the City of Lakewood's MS4 system as a result of growth and development. Stormwater management and water quality information does not direct where growth can occur in the City of Lakewood.
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

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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
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 2020 we worked with the BIG (Business Inspection Group) for Phase II jurisdictions on the newly required NPDES business inspection program. The elements of this program are to increase the knowledge of local source control programs, increase consistency in inspections, education and outreach, business development and messaging in the regional program. We have been utilizing our 16 years of inspection program development and sharing this information with other jurisdictions as a template. Worked with Dumpster Summit Program 2020, and will be involved in the 2021 social marketing campaign. Involved with STORM.
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. Question 21 NPDES Annual Repor_21_02242021085918
22	S5.C.2	Conducted an evaluation of the effectiveness of the ongoing behavior change program and documented recommendations as outlined in S.5.C.2.a.ii(b). (Required no later than July 1, 2020) Yes
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
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. Question 26a NPDES Annual Repo_26a_02242021085918
27	S5.C.3.	Describe in Comments field the opportunities created for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and updates of the Permittee's SWMP and the SMAP. (S5.C.3.a) The City's SWMP has been a topic of discussion at the local watershed council meetings. Comments, suggestions, and revisions are encouraged. A notice of the SWMP update is published in the City's newspaper of record and on the City's website. The public is invited to comment.
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

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28a	S5.C.3.	List the website address in Comments field. https://cityoflakewood.us/public_works_engineering/engineering-services/
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). Question 30a for annual report_30a_02242021090001
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: Not Applicable Comment: We'll do so by the 8/23 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) Not Applicable Comment: Not Applicable Comment: We'll do so by the 8/21 deadline.
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. Annual business inspections are performed. During these inspections, hazards associated with IDDE's and improper disposal of waste is discussed and/or addressed. Follow-up inspections and written documentation included. Public employees are trained annually on IDDE/Good Housekeeping practices. Training records are kept in personnel files. General Public is educated on hazards of IDDE through Education & Outreach events to include the 2021 Stormwater Calendar, public speaking events and other outreach events. Due to Covid-19, many of these events were done in a virtual manner ie: Zoom, YouTube and mailers.
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

Number	Permit Section	Question
35a	S5.C.5	Cite field screening methodology in Comments field. Hired vendor inspects 50% of our MS4 each year (including structures and pipes). Stormwater Compliance Inspector and O & M Staff also conduct periodic inspections in accordance with our Illicit Discharge and Elimination Plan.
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.) 50
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. We have our stormwater system broken down by section and quarter section. The vendor inspects and cleans as needed 50% of the stormwater system each year based on the maps we provide them.
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) Spills and hazardous material contact numbers are listed on our Public Works Engineering Department homepage as well as the Engineering Services webpage. https://cityoflakewood.us/public_works_engineering/
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

Number	Permit Section	Question
44	S5.C.6.	Revised ordinance or other enforceable mechanism to effectively address runoff from new development, redevelopment, and construction sites per the requirements of S5.C.6.b.i-iii. (Required no later than June 30, 2022) Not Applicable Comment: Not applicable comment: We'll do so by the 6/22 deadline.
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. 196
48	S5.C.6.	Inspected, prior to clearing and construction, permitted development sites per S5.C.6.c.ii, that have a high potential for sediment transport as determined through plan review based on definitions and requirements in Appendix 7 – Determining Construction Site Sediment Damage Potential? Yes
48a	S5.C.6.	If no, inspected, prior to clearing and construction, all construction sites meeting the minimum thresholds (S5.C.6.c.ii)? Yes
49	S5.C.6.	Inspected permitted development sites during construction to verify proper installation and maintenance of required erosion and sediment controls per S5.C.6.c.iii. Yes
49a	S5.C.6.	Number of construction sites inspected per S5.C.6.c.iii. 196
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

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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>10</p> <p>Comment: S5.C.7.c.viii - unable to find this section in the current NPDES Permit.</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>
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>Not Applicable</p> <p>Comment: Not Applicable Comment: We'll do so by the 6/22 deadline.</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>No</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.	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) 65
63b	S5.C.7.	Number of facilities inspected during the reporting period. 65
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. 36
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? 7091

Number	Permit Section	Question
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 3545
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 2492
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: Not Applicable Comment: We'll do so by the 12/22 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
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: Not Applicable Comment: We'll do so by the 12/22 deadline.
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.) Not Applicable Comment: Not Applicable Comment: In process, will comment on the 2021 Annual report.

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75	S5.C.8	<p>Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023).</p> <p>Not Applicable</p> <p>Comment: Not Applicable Comment: We have been performing inspections for the past 16 years, we will report on our program by 1/23 deadline.</p>
76	S5.C.8	<p>Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023).</p> <p>Not Applicable</p>
77	S5.C.8	<p>Attach a summary of actions taken to implement the source control program per S5.C.8.b.iii and S5.C.8.b.iv.</p> <p>Not Applicable</p>
78	S5.C.8	<p>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.</p> <p>Not Applicable</p>
79	S5.C.8	<p>Implemented an ongoing source control training program per S5.C.8.b.v?</p> <p>Not Applicable</p> <p>Comment: Not Applicable Comment: We'll report on by 1/23 deadline.</p>
80	S7	<p>Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A)</p> <p>Not Applicable</p>
81	S7	<p>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)</p> <p>Not Applicable</p>
82	S8	<p>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.)</p> <p>Yes</p>
84	S8	<p>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)?</p> <p>Yes</p>
86	S8	<p>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)</p> <p>Not Applicable</p>
87	S8	<p>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.)</p> <p>Not Applicable</p>

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) 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

Attachments:

View Files Attached to Submission

DocDescr	DocName	DocExt	DocID	SubID	AppName
View Submitted Copy of Record for City of Lakewood	Copy of Record CityofLakewood Tuesday March 23 2021	.pdf	1081660	1757427	wqwebportal
View Submitted Cover Letter for City of Lakewood	Cover Letter CityofLakewood Tuesday March 23 2021	.pdf	1081661	1757427	wqwebportal
View WAR045012_2_03162021072801	Lakewood 2021 Stormwater Manag_2_03162021072801	.docx	1080153	1757427	wqwebportal
View WAR045012_21_02242021085918	Question 21 NPDES Annual Repor_21_02242021085918	.docx	1071615	1757427	wqwebportal
View WAR045012_26a_02242021085918	Question 26a NPDES Annual Repo_26a_02242021085918	.docx	1071616	1757427	wqwebportal
View WAR045012_30a_02242021090001	Question 30a for annual report_30a_02242021090001	.xlsx	1071618	1757427	wqwebportal
View WAR045012_4a_02242021085934	Question 4a NPDES Annual Repor_4a_02242021085934	.docx	1071617	1757427	wqwebportal
View WAR045012_7_03152021145148	Question 7 NPDES Annual Report_7_03152021145148	.docx	1079608	1757427	wqwebportal
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