

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>Fircrest SWMP 2021 Final_2_03302021114434</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>Internal Coordination Mechanis_4a_03262021082514</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>There have been no new land use plans in the City of Fircrest. Public Works will identify such efforts if and when needed in the future.</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>20008-Emerson Sidewalk Extensi_7_03172021093858</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>The Storm Water Treatment Outfall Grant project that is currently in process will have a direct positive impact on waters of the state. This project is currently slated to start construction in late 2021 or early 2022</p>

Number	Permit Section	Question
9	S5.C.1.b.i(a)	<p>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)</p> <p>No</p>
10	S5.C.1.b.i(a)	<p>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)</p> <p>Yes</p>
10a	S5.C.1.b.i(a)	<p>If yes, briefly describe and list relevant plan or code sections, if applicable.</p> <p>The City of Fircrest qualified for a WSDOE Storm Water Treatment Outfall grant in 2020. Projects associated with this grant are in process</p>
11	S5.C.1.b.i(a)	<p>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)</p> <p>No</p>
12	S5.C.1.b.i(a)	<p>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)</p> <p>Yes</p>
12a	S5.C.1.b.i(a)	<p>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?)</p> <p>No - There is no land to be acquired in or around the City of Tacoma's Holding Basin or near Leach Creek. The development of these areas has been maximized.</p>
12b	S5.C.1.b.i(a)	<p>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?</p> <p>No</p>
12c	S5.C.1.b.i(a)	<p>Any new proposed locations and capacities of stormwater facilities needed for the timeframe of the plan?</p> <p>No</p>
13	S5.C.1.b.i(a)	<p>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)</p> <p>Two thirds of the city's storm water drains to the City of Tacoma's Holding Basin. The other third outfalls to Leach Creek. The city is built out and there is no residential or commercial development in or around these drainage facilities.</p>

Number	Permit Section	Question
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
20	S5.C.2	Did you choose to adopt one or more elements of a regional program? (S5.C.2) No
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. Public Works Outreach Program _21_03102021083205
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 Comment: In addition, the City of Fircrest PW Director attended the Behavioral Change Webinar hosted by BC Marine Trails.
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. Fircrest Fun Days and National_26a_03102021101838
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) Provided outreach booth at Fircrest Fun Days and National Night Out. Provided Study session with City Council to outline process for updates to SWMP Plan
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.cityoffircrest.net/government/public-works-department/stormwater/

Number	Permit Section	Question
29	S5.C.4.	Maintained a map of the MS4 including the requirements listed in S5.C.4.a.i-vii? Yes Comment: All storm water assets are memorialized within the city's GIS database. Inspections and Work Orders will be created, completed and tracked within our CMMS software.
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). Storm Water Outfalls_30a_03162021141424
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) No
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. Annual staff training. Community outreach events, as outlined in the Public Education tab of the Annual Report
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. See updated SWMP 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.) 100
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. See updated SWMP Plan

Number	Permit Section	Question
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 hotline number is on our website and also sent out twice a year on our Facebook page.
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. IDDEs for WAR045008_42_03162021150600 Comment: There were no identified or reported IDDE's during the 2020 calendar year
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) No
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) Not Applicable
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) Not Applicable
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

Number	Permit Section	Question
47a	S5.C.6.	Number of site plans reviewed during the reporting period. 2
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. 2
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) 0
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

Number	Permit Section	Question
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) No Comment: The City has purchased and is currently implementing new asset management / work order software. New methodology will be utilized in 2021.
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. No
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

Number	Permit Section	Question
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) 2
63b	S5.C.7.	Number of facilities inspected during the reporting period. 2
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. 2
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? 737
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 369
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 100
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

Number	Permit Section	Question
69	S5.C.7.	<p>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)</p> <p>No</p> <p>Comment: The City has purchased and is currently implementing new asset management / work order software. New methodology will be utilized in 2021.</p>
70	S5.C.7.	<p>Implemented an ongoing training program for Permittee employees whose primary construction, operations or maintenance job functions may impact stormwater quality. (S5.C.7.e)</p> <p>Yes</p>
71	S5.C.7.	<p>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)</p> <p>Yes</p>
72	S5.C.7.	<p>Updated, if needed, SWPPPs according to S5.C.7.f no later than December 31, 2022.</p> <p>Yes</p>
73	S5.C.8	<p>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)</p> <p>No</p> <p>Comment: Not yet</p>
74	S5.C.8	<p>Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.)</p> <p>No</p> <p>Comment: Not yet</p>
75	S5.C.8	<p>Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023).</p> <p>No</p> <p>Comment: Not yet. Asset management software is in developmental phase</p>
76	S5.C.8	<p>Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023).</p> <p>No</p> <p>Comment: Not yet</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>

Number	Permit Section	Question
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, 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) Not Applicable
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. Not Applicable
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

Number	Permit Section	Question
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 Comment: Notification of 2019 G20 noncompliance was requested by Ecology on 12/21/2020. The PW Director at that time was retiring. The new Public Works Director, whose hire date was 3/1/2021, submitted the G20 via mail on 3/25/2021
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). The City submitted a notice of noncompliance related to Permit Section S5.A. The SWMP Plan submitted for the 2019 calendar year Annual Report was dated 2018.

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR045008_7_03172021093858	20008-Emerson Sidewalk Extensi_7_03172021093858	.pdf	1080626	1763400	wqwebportal
View	Submitted Copy of Record for Fircrest Public Works	Copy of Record FircrestPublicWorks Tuesday March 30 2021	.pdf	1083675	1763400	wqwebportal
View	Submitted Cover Letter for Fircrest Public Works	Cover Letter FircrestPublicWorks Tuesday March 30 2021	.pdf	1083676	1763400	wqwebportal
View	WAR045008_26a_03102021101838	Fircrest Fun Days and National_26a_03102021101838	.docx	1077166	1763400	wqwebportal
View	WAR045008_2_03302021114434	Fircrest SWMP 2021 Final_2_03302021114434	.pdf	1083584	1763400	wqwebportal
View	WAR045008_42_03162021150600	IDDEs for WAR045008_42_03162021150600	.xlsx	1080507	1763400	wqwebportal
View	WAR045008_4a_03262021082514	Internal Coordination Mechanis_4a_03262021082514	.docx	1082629	1763400	wqwebportal
View	WAR045008_21_03102021083205	Public Works Outreach Program_21_03102021083205	.pdf	1077047	1763400	wqwebportal
View	WAR045008_30a_03162021141424	Storm Water Outfalls_30a_03162021141424	.xlsx	1080494	1763400	wqwebportal

[Close](#)

