



## 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><b>Not Applicable</b></p>
2	S5.A	<p>Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)</p> <p><b>2021_Duvall_SWMP (FINAL)_updat_2_06112021101343</b></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><b>Yes</b></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><b>Yes</b></p>
4a	S5.A.5.b	<p>Attach a written description of internal coordination mechanisms. (S5.A.5.b).</p> <p><b>02_04a_Internal Department Coor_4a_03312021112103</b></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? (S5.c.1). August 1, 2020</p> <p><b>Yes</b></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><b>Comprehensive Plan, Transportation Plan, Surface and Stormwater Management Plan, Watershed Plan, Shoreline Master Program</b></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><b>03_07_Stormwater Capital Proje_7_03312021112133</b></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><b>In conjunction with required State mandates, the City updated Sensitive Area Code and Tree Protection Code. Also, the 2018 Surface and Stormwater Management Plan analyzed three basins and 11 subbasins based on water quality components.</b></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)  <b>No</b>
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)  <b>No</b>
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)  <b>Yes</b>
11a	S5.C.1.b.i(a)	If yes, briefly describe.  <b>Created the stormwater lead position on the maintenance crew to more closely focus on inspections, maintenance projects, and education and enforcement of new LID projects/facilities coming online within the next 3-5 years.</b>
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)  <b>No</b>
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?)  <b>no</b>
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?  <b>No</b>
12c	S5.C.1.b.i(a)	Any new proposed locations and capacities of stormwater facilities needed for the timeframe of the plan?  <b>No</b>
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)  <b>Stormwater runoff impacts are forecasted based on land-use and zoning designations. For management of new development and re-development the City has adopted the King County Surface Water Design Manual for required facility, water quality design, and evaluations for approval. Based on these inputs and requirements growth is directed and successful in areas that can support adopted stormwater management and water quality goals and policies.</b>

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) <b>Yes</b>
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) <b>No</b>
20	S5.C.2	Did you choose to adopt one or more elements of a regional program? (S5.C.2) <b>Yes</b>
20a	S5.C.2	If yes, list the elements, and the regional program. <b>Duvall participates in STORM and Puget Sound Starts Here and has chosen the Adopt a Drain project as our regional program.</b>
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. <b>04_21_Description of General A_21_06102021151859</b>
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) <b>No</b>
22a	S5.C.2	If not, explain <b>Duvall decided to switch to the Adopt a Storm Drain Program. Focuses on residents and is part of a regional program that will start this year.</b>
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) <b>Yes</b>
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. <b>Yes</b>
26a	S5.C.2	Attach a list of stewardship opportunities provided. <b>05_26a_Stewardship Opportuniti_26a_06102021151859</b>
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) <b>The City has posted program materials on the City website and sent messages out via social media. We have also translated some handout materials into commonly used languages in our community. A Public Hearing was held for the draft SWMP for public participation.</b>

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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) <b>Yes</b>
28a	S5.C.3.	List the website address in Comments field. <b>https://www.duvalwa.gov/159/Stormwater-System-Information</b>
29	S5.C.4.	Maintained a map of the MS4 including the requirements listed in S5.C.4.a.i-vii? <b>Yes</b>
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) <b>Yes</b>
30a	S5.C.4.	Attach a spreadsheet that lists the known outfalls' size and material(s). <b>06_30a_Outfall Size and Materi_30a_03312021112346</b>
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) <b>No</b>
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) <b>Yes</b>
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) <b>Yes</b>
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. <b>The City provides CESCL classes and IDDE training to public employees. The city also provides on-going education to the general public and local businesses on spill prevention and illicit connections including training on the hazards of dumping food waste into CBs.</b>
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. <b>Yes</b>
35	S5.C.5	Implemented procedures for conducting illicit discharge investigations in accordance with S5.C.5.d.i. <b>Yes</b>
35a	S5.C.5	Cite field screening methodology in Comments field. <b>Illicit discharge investigating and field screening is completed in accordance with the document titled "Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual" (Herrera Environmental Consultants and Aspect Consulting, May 2020).</b>

Number	Permit Section	Question
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.) <b>100</b>
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. <b>Outfall screening is the primary field screen method used. Illicit discharge investigating and field screening is also completed as part of catch basin inspection and cleaning program and employee training, facility monitoring and inspections, and camera investigation as required.</b>
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.) <b>100</b>
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) <b>The hotline phone number and email address is publicized to employees, businesses, and the general public through the city newsletter, website and social media, and posters at City Hall and Public Works.</b>
39	S5.C.5	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.C.5.d.iii. <b>Yes</b>
40	S5.C.5	Implemented an ongoing program to characterize, trace, and eliminate illicit discharges into the MS4 per S5.C.5.e. <b>Yes</b>
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. <b>Yes</b>
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. <b>07_42_IDDE_NPDES_Spill and Tas_42_06102021152054</b>
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. <b>Yes</b>
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) <b>No</b>
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) <b>0</b>

<b>Number</b>	<b>Permit Section</b>	<b>Question</b>
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) <b>0</b>
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) <b>Yes</b>
47a	S5.C.6.	Number of site plans reviewed during the reporting period. <b>10</b>
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? <b>No</b>
48a	S5.C.6.	If no, inspected, prior to clearing and construction, all construction sites meeting the minimum thresholds (S5.C.6.c.ii)? <b>Yes</b>
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. <b>Yes</b>
49a	S5.C.6.	Number of construction sites inspected per S5.C.6.c.iii. <b>4</b>
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? <b>Yes</b>
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) <b>Yes</b>
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) <b>Yes</b>
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) <b>2</b>
53	S5.C.6.	Achieved at least 80% of scheduled construction-related inspections. (S5.C.6.c.vi) <b>Yes</b>

Number	Permit Section	Question
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)  <b>Yes</b>
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)  <b>Yes</b>
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.?  <b>Yes</b>
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)  <b>Not Applicable</b>
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)  <b>No</b>
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.  <b>Yes</b>
59a	S5.C.7.	Attach documentation of maintenance time frame exceedances that were beyond the Permittee's control.  <b>Not Applicable</b>
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))?  <b>Yes</b>
61	S5.C.7.	Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.i(b)  <b>Yes</b>
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)  <b>Not Applicable</b>
62	S5.C.7.	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii)  <b>Yes</b>

<b>Number</b>	<b>Permit Section</b>	<b>Question</b>
63	S5.C.7.	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i) <b>Yes</b>
63a	S5.C.7.	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i) <b>125</b>
63b	S5.C.7.	Number of facilities inspected during the reporting period. <b>125</b>
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period. <b>25</b>
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. <b>Not Applicable</b>
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. <b>Yes</b>
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) <b>Yes</b>
66a	S5.C.7.	Number of known catch basins? <b>2807</b>
66b	S5.C.7.	Number of catch basins inspected during the reporting period? <b>1578</b>
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? <b>350</b>
67	S5.C.7.	Attach documentation of alternative catch basin cleaning approach, if used. (S5.C.7.c.iii. (a)-(c)) <b>Not Applicable</b>
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) <b>Yes</b>



Number	Permit Section	Question
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)  <b>Yes</b>
69a	S5.C.7.	Cite documentation in Comments.  <b>Adopted 2018 Surface and Stormwater Management Plan, Watershed Plan, KCSWDM, etc.</b>
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)  <b>Yes</b>
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)  <b>Yes</b>
72	S5.C.7.	Updated, if needed, SWPPPs according to S5.C.7.f no later than December 31, 2022.  <b>No</b>
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)  <b>No</b>
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.)  <b>No</b>
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023).  <b>No</b>
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023).  <b>No</b>
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.  <b>Not Applicable</b>
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.  <b>Not Applicable</b>

Number	Permit Section	Question
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v? <b>Not Applicable</b>
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A) <b>Not Applicable</b>
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) <b>Not Applicable</b>
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.) <b>Yes</b>
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)? <b>Yes</b>
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) <b>Not Applicable</b>
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.) <b>Not Applicable</b>
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) <b>Yes</b>
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. <b>Yes</b>
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) <b>Not Applicable</b>
91	Compliance with standards	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a. <b>Not Applicable</b>

Number	Permit Section	Question
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)  <b>Not Applicable</b>
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)  <b>Not Applicable</b>
94	G20	Number of non-compliance notifications (G20) provided in reporting year. List permit conditions described in non-compliance notification(s) in Comments field.  <b>0</b>

**Attachments:**

### View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
<input type="button" value="View"/>	WAR045512_4a_03312021112103	02_04a_Internal Department Coo_4a_03312021112103	.pdf	1097178	1770824	wqwebportal
<input type="button" value="View"/>	WAR045512_7_03312021112133	03_07_Stormwater Capital Proje_7_03312021112133	.pdf	1097179	1770824	wqwebportal
<input type="button" value="View"/>	WAR045512_21_06102021151859	04_21_Description of General A_21_06102021151859	.pdf	1109113	1770824	wqwebportal
<input type="button" value="View"/>	WAR045512_26a_06102021151859	05_26a_Stewardship Opportuniti_26a_06102021151859	.pdf	1109114	1770824	wqwebportal
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<input type="button" value="View"/>	WAR045512_42_06102021152054	07_42_IDDE_NPDES_Spill and Tas_42_06102021152054	.xlsx	1109116	1770824	wqwebportal
<input type="button" value="View"/>	WAR045512_2_06112021101343	2021_Duvall_SWMP (FINAL)_updat_2_06112021101343	.pdf	1109441	1770824	wqwebportal
<input type="button" value="View"/>	Submitted Copy of Record for City of Duvall	Copy of Record CityofDuvall Friday June 11 2021	.pdf	1109627	1770824	wqwebportal
<input type="button" value="View"/>	Submitted Cover Letter for City of Duvall	Cover Letter CityofDuvall Friday June 11 2021	.pdf	1109628	1770824	wqwebportal