

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> <p>Comment: No changes in 2023</p>
2	S5.A	<p>Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)</p> <p>Q4_Kelso_SWMP_2024_2_03272024084530</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>
14	S5.C.1.b	<p>Did you submit a report as described in S5.C.1.b.i(b)? (Required to submit no later than January 1, 2023)</p> <p>No</p> <p>Comment: No. Based on results of receiving waters assessment, no specific action(s) are required.</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>
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>

Number	Permit Section	Question
		<p>Cowlitz Clean Waters Regional Education and Outreach Campaign – The City partners with other NPDES MS4 primary and secondary permittees within the Longview/Kelso area on a regional stormwater public information and education campaign under the brand “Cowlitz Clean Waters.” The City of Longview, Cowlitz County, Consolidated Diking Improvement District #1, Kelso School District, Longview School District, Lower Columbia College and WSU Cowlitz County Extension collaborate with the City with the goal of reaching a county-wide audience on topics related to stormwater and water quality. In 2016, Longview, Kelso, Cowlitz County and CDID #1 approved an interlocal agreement to commit funding to the cooperative effort with the City serving as administrator of the program. Cowlitz Clean Waters has website at cowlitzcleanwaters.org, which provides a wealth of information on how to be a solution to stormwater pollution. Website – The City’s SWMP, annual reports, stormwater regulations and other documents are available on the City of Kelso’s primary website. Brochure – The City produced the general Solution to Stormwater Pollution brochure in conjunction with the City of Longview, Cowlitz County and CDID #1. This brochure is made available at public events, City Hall, and other venues. Behavior Change Campaign – Dog owners and pet waste were selected as the new target audience for a planned regional effort to meet the behavior change program requirements from the 2019 permit. The permittees developed a comprehensive outreach strategy and plan to focus on this audience beginning in 2020. In 2021, the permittees began implementation of the following campaign elements: • Pre-campaign survey of audience awareness and attitudes • Installation of new pet waste signage and bag posts/stations in Longview, Kelso and unincorporated Cowlitz County • Development of a new pet waste fact sheet and “Here’s The Scoop” pet waste brochure which was distributed to 15,000 households • Pet waste was the focus of the 2022 Solutions to Stormwater Pollution student calendar contest held in the fall of 2021 • Three-month targeted internet ad and social media placement buy totaling \$12,000 from October-December 2022 In 2023, the permittees continued implementation of the regional behavior change program with additional social media outreach and beginning a follow-up survey on the education campaign.</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>Q21_S5.C.2.a.i_General awarene_21_03272024094356</p>
24	S5.C.2	<p>Began implementing strategy outlined in S.5.C.2.a.ii(c) (S5.C.2.a.ii(d) – Required by April 1, 2021)</p> <p>Yes</p>
25	S5.C.2	<p>Attach the report developed in accordance with S5.C.2.a.ii(e), which evaluated the changes in understanding and adoption of targeted behaviors resulting from the implementation of the strategy and any planned or recommended changes to the program in order to be more effective. (Required no later March 31, 2024)</p> <p>Q25_Cowlitz Clean Waters Pet W_25_03272024094356</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>Q26a_S5.C.2.a.iii_Stewardship _26a_03272024085046</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>Due to dropping membership the City of Kelso began revisions of the municipal code governing membership of the Kelso Stormwater Advisory Committee</p>

Number	Permit Section	Question
		(KSAC) to be more open and inclusive. These updates should be completed in 2024 and the committee membership become broader and more open to all residents of the community.
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.kelso.gov/engineering/stormwater/stormwater-documents
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). Q30a_Kelso Outfalls_30a_03272024085441
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. General public is notified through regional efforts of Cowlitz Clean Waters, which Kelso is an active member of. Employees are required to take IDDE identification and reporting training.
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. Implemented the City's Municipal Stormwater Program that incorporates methods outlined in 'IDDE: A Guidance Manual for Program Development and Technical Assessments' and in 'Illicit Connection and Illicit Discharge Field Screening and Source'
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.)

Number	Permit Section	Question
		14
36a	S5.C.5	Cite field screening techniques used to determine percent of MS4 screened. Screened three manholes, three catch basins and two outfalls in southeast Kelso using the 'Outfall Reconnaissance Inventory/Sample Collection Field Sheet'
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.) 72
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 telephone number is on the City's website along with a stormwater incident report online form to provide an alternate method of communication.
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. Q42_2023 IDDEs for WAR045010_42_03272024090033
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
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

Number	Permit Section	Question
47a	S5.C.6.	Number of site plans reviewed during the reporting period. 15
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. 4
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
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)

Number	Permit Section	Question
		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
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.
		Not Applicable
60	S5.C.7.	Implemented an ordinance or other enforceable mechanisms to verify long-term operation and maintenance of stormwater treatment and flow control BMPs/facilities regulated by the permittee per (S5.C.7.b.i (a))?
		Yes
61	S5.C.7.	Annually inspected stormwater treatment and flow control BMPs/facilities regulated by the Permittee per S5.C.7.b.i(b)
		Yes
61a	S5.C.7.	If using reduced inspection frequency for the first time during this permit cycle, attach documentation per S5.C.7.b.i (b)
		Not Applicable
62	S5.C.7.	Achieved at least 80% of scheduled inspections to verify adequate long-term O&M. (S5.C.7.b.ii)
		Yes
63	S5.C.7.	Annually inspected all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)
		Yes
63a	S5.C.7.	Number of known municipally owned or operated stormwater treatment and flow control BMPs/facilities. (S5.C.7.c.i)
		13
63b	S5.C.7.	Number of facilities inspected during the reporting period.
		12
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period.

Number	Permit Section	Question
		9
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? 1426
66b	S5.C.7.	Number of catch basins inspected during the reporting period? 400 Comment: Asset management system data lost Q3 2023. Quantity is based on best available data. New AMS deployed in Q4 2023.
66c	S5.C.7.	Number of catch basins cleaned during the reporting period? 75
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
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
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. 186
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. Q77_source control actions_77_03272024093512
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. Q78_COK.2023.FINAL.SC.INSPECTI_78_03272024093512
79	S5.C.8	Implemented an ongoing source control training program per S5.C.8.b.v? Yes
80	S7	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A) Not Applicable
81	S7	For TMDLs listed in Appendix 2: Attach a summary of relevant SWMP and Appendix 2 activities to address the applicable TMDL parameter(s). (S7.A) Not Applicable
82	S8	Submitted payment for cost-sharing for Stormwater Action Monitoring (SAM) status and trends monitoring no later than December 1, 2019 (S8.A.1); and no later than August 15 of each subsequent year? (S8.A.2.a.) Yes
84	S8	Submitted payment for cost-sharing for SAM effectiveness and source identification studies no later than December 1, 2019 (S8.B.1); and no later than August 15 of each subsequent year (S8.B.2.a or S8.B.2.c)? Yes
87	S8	If conducting stormwater discharge monitoring in accordance with S8.C.1, attach a data and analysis report per S8.C.1. and Appendix 9. (Due annually beginning March 31, 2021.) Not Applicable
88	G3	Notified Ecology in accordance with G3 of any discharge into or from the Permittees MS4 which could constitute a threat to human health, welfare or the environment. (G3) Yes

Number	Permit Section	Question
89	G3	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. Yes
90	Compliance with standards	Notified Ecology within 30 days of becoming aware that a discharge from the Permittee's MS4 caused or contributed to a known or likely violation of water quality standards in the receiving water. (S4.F.1) Yes
91	Compliance with standards	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a. Yes
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). S.8.A.2.a & S.8.B.2.a Late SAM Payment.

Attachments:

View Files Attached to Submission

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	Submitted Copy of Record for City of Kelso	Copy of Record CityofKelso Thursday March 28 2024	.pdf	1515590	1922700	wqwebportal
View	Submitted Cover Letter for City of Kelso	Cover Letter CityofKelso Thursday March 28 2024	.pdf	1515591	1922700	wqwebportal
View	WAR045010_21_03272024085020	Q21_S5.C.2.a.i_General awarene_21_03272024085020	.pdf	1514700	1922700	wqwebportal
View	WAR045010_21_03272024094356	Q21_S5.C.2.a.i_General awarene_21_03272024094356	.pdf	1514765	1922700	wqwebportal
View	WAR045010_25_03272024085020	Q25_Cowlitz Clean Waters Pet W_25_03272024085020	.pdf	1514701	1922700	wqwebportal
View	WAR045010_25_03272024094356	Q25_Cowlitz Clean Waters Pet W_25_03272024094356	.pdf	1514766	1922700	wqwebportal
View	WAR045010_26a_03272024085046	Q26a_S5.C.2.a.iii_Stewardship_26a_03272024085046	.pdf	1514702	1922700	wqwebportal
View	WAR045010_30a_03272024085441	Q30a_Kelso Outfalls_30a_03272024085441	.pdf	1514705	1922700	wqwebportal
View	WAR045010_2_03272024084530	Q4_Kelso_SWMP_2024_2_03272024084530	.pdf	1514696	1922700	wqwebportal
View	WAR045010_42_03272024090033	Q42_2023 IDDEs for WAR045010_42_03272024090033	.xml	1514713	1922700	wqwebportal
View	WAR045010_77_03272024093512	Q77_source control actions_77_03272024093512	.pdf	1514761	1922700	wqwebportal
View	WAR045010_78_03272024093512	Q78_COK.2023.FINAL.SC.INSPECTI_78_03272024093512 .xlsx	.xlsx	1514762	1922700	wqwebportal

Close

[Ecology Home](#) | [WQWebPortal Home](#) | [WQWebSubmittal Home](#) | [Help](#) | [Release Notes](#) | [Contact Us](#)

[Submittals \(WQWebSubmittal\) Version 1.5](#) | [Data Disclaimer](#) | [Privacy Policy](#)

Copyright © Washington State Department of Ecology 2024. All Rights Reserved.