

Annual Report

Number	Permit Section	Question
1	S5.A.4.	<p>Attach updated annual Stormwater Management Program Plan (SWMP Plan) or website address in the Comment field where it can be found. (S5.A.4.)</p> <p>SWMP Plan 2022 Update_1_08012022100022</p>
1.a	S5.A.4.	<p>Cite website of SWMP if unable to attach</p> <p>http://cityofml.com/DocumentCenter/View/9130/Stormwater-Management-Plan-080122?bidId=</p>
2	S9.C.6.	<p>Attach a map and 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.C.6.</p> <p>Annexation 2965_2_08012022100022</p>
3	S5.A.5.a.ii.	<p>Tracked the estimated costs of implementation of each component of the SWMP. (S5.A.5.a.ii.)</p> <p>Yes</p>
4	S5.A.6.b.	<p>Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.6.b.)</p> <p>Yes</p>
5	S5.B.1	<p>Were elements of a regional program implemented to complete any part of your education and outreach program? (S5.B.1)</p> <p>Yes</p>
5a	S5.B.1	<p>If yes, list the elements, and the regional program</p> <p>The City collaborated with the City of Yakima with their Car Wash Wastewater Management Education and outreach study. They</p>
6	S5.B.1.a.i.-iii.	<p>Attach description of public education and outreach programs and stewardship activities conducted per S5.B.1.a.i.-iii.</p> <p>MLWC Agendas 2021_6_08032022082419</p>
7	S5.B.1.a.ii.	<p>Which types of businesses were targeted per S.5.B.1.a.ii.?</p> <p>Contractors and home builders</p> <p>Comment: Contractors were targeted to increase awareness of construction trackout, the proper use of Construction BMP's and the positive or negative affects on the MS4. Covid limited in person meetings so site visits were the most effective</p>
8	S5.B.1.b.	<p>Used results of measuring the understanding and adoption of targeted behaviors among at least one audience in at least one subject area to direct education and outreach resources and evaluate changes in adoption of targeted behaviors. (Required no later than December 31, 2021, S5.B.1.b.)</p>

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		Yes
9	S5.B.2.a.	Describe in Comments field the opportunities created for the public to participate in the decision making processes involving the development, implementation, and updates of the Permittee's SWMP. (S5.B.2.a.) There was not a code change in 2021 and for the duration of the year in person meetings were limited. This resulted in opportunities for the public to provide feedback via the Stormwater Hotline telephone number.
10	S5.B.2.b.	Posted the updated SWMP Plan and latest annual report on your website no later than May 31. No
10a	S5.B.2.b.	List the website address in Comments field. (S5.B.2.b.) http://cityofml.com/489/Stormwater-Management-Program
11	S5.B.3.a.	Maintained a map of the MS4 that includes the requirements listed in S5.B.3.a. (Updated maps required no later than August 1, 2023) Yes
12	S5.B.3.a.i.	Attach a spreadsheet that lists the known outfalls and discharge points, including the outfalls' size and material(s). (Required to update no later than August 1, 2023, S5.B.3.a.i.) Copy of Outfalls_12_08012022100437
13	S5.B.3.a.ix.	Developed an electronic format for map, with fully described mapping standards in accordance with S5.B.3.a.ix. (Required no later than August 1, 2021) Yes
14	S5.B.3.b.	Implemented an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges as described in S5.B.3.b. Yes
15	S.5.B.3.b.vii.	Updated ordinance or regulatory mechanism to meet the requirements of this permit, if necessary. (Required no later than February 2, 2023, S.5.B.3.b.vii.) Yes
15a	S.5.B.3.b.vii.	Cite the code reference in Comments field. 13.02.020 Thru 13.02.090
16	S5.B.3.b.vi.	Implemented a compliance strategy, including informal compliance actions as well as enforcement provisions of the regulatory mechanism described in S5.B.3.b. (S5.B.3.b.vi.) Yes
17	S5.B.3.c.	Implemented procedures for conducting illicit discharge investigations in accordance with S5.B.3.c. Yes
18	S5.B.3.c.iv.	Percentage of MS4 coverage area screened in reporting year per S5.B.3.c.iv. (Required to screen 12% on average each year, S5.B.3.c.iv.)

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17		
18a	S5.B.3.c.iv.	Cite field screening techniques used to determine percent of MS4 screened. Crews would perform field inspections weekly of particular assets. All data would then be transferred into our Data Collection Program for Processing by the Stormwater Manager.
18b	S5.B.3.c.iv.	Percentage of total MS4 screened from permit effective date through end of the reporting year. 33
19	S5.B.3.c.v.	Describe how you publicized a hotline telephone number for public reporting of spills and other illicit discharges in the Comments field. (S5.B.3.c.v.) The telephone number is posted on the City Website. Macc Dispatch also has the Spill hotline so when the public would call 911 Dispatch would transfer them to the Spill Hotline.
20	S5.B.3.c.vi.	Implemented an ongoing illicit discharge training program for all municipal field staff per S5.B.3.c.vi. Yes
21	S5.B.3.c.vii.	Informed public employees, businesses, and the general public of hazards associated with illicit discharges and improper disposal of waste. Describe actions in Comments field. (S5.B.3.c.vii.) Illicit Discharge events led to opportunities to visit with parties to discuss importance of only "Rain down the Drain". Also met with contractors when calls of IDDE or BMP's issues came to light to discuss proper methods.
22	S5.B.3.d.	Implemented an ongoing program designed to address illicit discharges, including spills and illicit connections into the MS4 per S5.B.3.d. Yes
23	S5.B.3.e.	Implemented an ongoing illicit discharge training program for all staff responsible for implementing the procedures and program, as described in S5.B.3.e. Yes
24	S5.B.3.f.	Attach a report with data describing the actions taken to investigate, characterize, trace and eliminate each illicit discharge found by or reported to the permittee. The submittal must include all of the applicable information and must follow the format and timelines described in Appendix 7. (S5.B.3.f.) Imported from WQWebIDDE
25	S5.B.4.a.	Implemented an ordinance or other regulatory mechanism and enforcement procedures for construction site stormwater runoff control as described in S5.B.4. Yes
26	S5.B.4.a.i.-iv.	Adopted ordinance or other regulatory mechanism and enforcement procedures for construction site stormwater runoff control as described in S5.B.4.a.i.-iv. (Required no later than December 31, 2022) Yes
26a	S5.B.4.a.i.-iv.	Cite code reference.

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12.16.020 (C),13.35.010 (A)		
27	S5.B.4.b.	Reviewed site plans for all new development and redevelopment projects as described in S5.B.4.b. Yes
27a	S5.B.4.b.i.	Number of site plans reviewed during the reporting period. (S5.B.4.b.i.) 31
27b	S5.B.4.b.i.	The number of construction sites that provided their intent to apply for the "Erosivity Waiver" during the reporting period as described in S5.B.4.b.i. 0
27c	S5.B.4.b.i.	The number of complaints investigated about sites that have received an "Erosivity Waiver" . (S5.B.4.b.i.) 0
28	S5.B.4.	Implemented procedures for site inspection and enforcement of construction stormwater pollution control measures. (S5.B.4.) Yes
28a	S5.B.4.c.i.	Number of permitted construction sites inspected during the reporting period. (S5.B.4.c.i.) 93
28b	S5.B.4.f.	Number of enforcement actions taken during the reporting period based on construction phase inspections at new development and redevelopment projects. (S5.B.4.f.) 0
29	S5.B.4.d.	Trained the staff involved in permitting, plan review, field inspections, and enforcement for construction site runoff control. (S5.B.4.d.) Yes
30	S5.B.4.e.	Provided information to construction site operators and design professionals about training available on how to comply with the requirements in Appendix 1 and the BMPs in the SWMMEW, or an equivalent document. Describe information provided in the Comments field. (S5.B.4.e.) Yes
30a	S5.B.4.e.	Describe information provided in the Comments field. (S5.B.4.e.) For those jobs where a CESCL is required and not yet hired, which is rare, I provide the applicant with name of a training service, usually that most recently employed by CityML.
31	S5.B.5.a.	Implemented ordinance or other regulatory mechanism and enforcement procedures to address post-construction stormwater controls runoff to the MS4 from new development and redevelopment as described in S5.B.5.a. Yes
32	S5.B.5.a.	Revised ordinance or other regulatory mechanism and enforcement procedures to address post-construction stormwater controls runoff to the MS4 from new development

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		and redevelopment as described in S5.B.5.a. (Adopted no later than December 31, 2022)
		Yes
32a	S5.B.5.a.	<p>Cite code reference</p> <p>13.35.010</p> <p>Comment: A. All public and private construction projects that disturb one or more acres, and all construction projects that disturb less than one acre that are part of a common plan of development or sale that will cause a potential discharge to Moses Lake shall meet the applicable requirements contained in Chapter Two of the Stormwater Management Manual for Eastern Washington. Furthermore, the property owner shall obtain coverage for the project under the Department of Ecology's "General NPDES Permit for Stormwater Discharges Associated with Construction Activities." B. An erosivity waiver to allow construction activity to proceed without a Stormwater Pollution Prevention Plan may be authorized by the Municipal Services Director. Erosivity waivers are not valid without written authorization from the Municipal Services Director. Erosivity waivers require that all of the following conditions are met prior to approval. 1. The construction project will result in the disturbance of less than five acres, and the site is not a portion of a common plan of development or sale that will disturb more than five acres. 2. The project's rainfall erosivity factor is less than five during the period of proposed construction activity, as calculated using the Texas A&M University online rainfall erosivity calculator. The calculator may be accessed at http://ei.tamu.edu/. The period of construction activity is defined as the period that begins with initial earth disturbance and ends with final stabilization. Final stabilization shall be as verified by the Municipal Services Director. 3. The site or facility has not been declared a significant contributor of pollutants, and construction activities that will not result in non-stormwater discharges. 4. The Construction Site Operator submits an application 10 days prior to commencing land disturbing activities. The written application from the construction site operator for an erosivity waiver shall include a summary of the project information used in calculating the project's rainfall erosivity factor. Furthermore, the application shall contain a certified statement that the Construction Site Operator will comply with applicable local stormwater requirements, and will implement appropriate erosion and sediment control Best Management Practices (BMPs) to prevent violations of water quality standards. (Ord. 2571, 7/13/10)</p>
33	S5.B.5.b.ii.(a)	<p>Allowed non-structural preventive actions and source reduction approaches such as Low Impact Development (LID) techniques to be used. (S5.B.5.b.ii.(a))</p> <p>Yes</p>
34	S5.B.5.b.ii.(b)(2)	<p>Required projects approved under S5.B.5. to retain runoff generate on-site for, at a minimum, the 10-year, 24-hour rainfall event or a local equivalent, using either on-site or regional stormwater facilities. (S5.B.5.b.ii.(b)(2))</p> <p>Yes</p> <p>Comment: 13.35.030, Stormwater systems shall be designed for a 25-year, 24-hour storm event using the SCS Curve Method as outlined in Stormwater Management Manual for Eastern Washington. Public stormwater systems shall be designed to retain stormwater within approved stormwater appurtenances, and outside of travel lanes. Private stormwater systems shall be designed to retain all stormwater within the originating property. (Ord. 2571, 7/13/10)</p>
35	S5.B.5.d.	<p>Inspected post-construction stormwater controls, including structural BMPs, at new development and redevelopment sites. (S5.B.5.d.)</p> <p>Yes</p>
35a	S5.B.5.d.i.	<p>Number of new and redeveloped sites inspected during installation of structural BMPs during the reporting period. (S5.B.5.d.i)</p> <p>20</p>
35b	S5.B.5.d.i.	<p>Number of new and redeveloped sites inspected upon final installation of BMPs or upon completion of the project during the reporting period. (S5.B.5.d.i.)</p>

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		22
36	S5.B.5.d.ii.	Inspected structural BMPs at least once every five years after final installation. (S5.B.5.d.ii.) Yes
36a	S5.B.5.d.ii.	Number of BMPs inspected during the reporting period. 2
37	S5.B.5.d.	Number of enforcement actions taken as a result of these inspections during the reporting period? (S5.B.5.d.) 0
38	S5.B.5.e.	Trained the staff involved in permitting, plan review, inspection, and enforcement for post-construction stormwater control. (S5.B.5.e.) Yes
39	S5.B.5.f.	Provided information to design professionals about training available on how to comply with the requirements in Appendix 1 and apply the BMPs in the SWMMEW, or an equivalent document. (S5.B.5.f.) Yes
39a	S5.B.5.f.	Describe information provided and cite the manual used Discussions with Professionals about the availability of the SWMMEW and also referenced MLMC 13.01.030 when design questions came up. When notices regarding training they were pushed to the design professionals to keep them in the loop.
40	S5.B.6.a.	Reviewed and, if needed, updated Operations and Maintenance Plan. (Required no later than December 31, 2022, S5.B.6.a.) No Comment: 2022 Stormwater Comprehensive Plan Creation will create a new O&M for 2022-2023 Draft will be available Dec 2022
41	S5.B.6.a.	Implemented the schedule of Operation and Maintenance activities for municipal operations. (S5.B.6.a.) Yes
42	S5.B.6.a.i.(f) and (g)	Have NPDES permit coverage for all applicable Permittee construction projects and industrial facilities. (S5.B.6.a.i.(f) and (g)) Yes
43	S5.B.6.a.i.(h)	Implemented a Stormwater Pollution Prevention Plan 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.B.6.a.i.(h)) No
44	S5.B.6.a.ii.(a)	Inspected stormwater treatment and flow control facilities (except catch basins) owned or operated by the Permittee at least once every two years. (S5.B.6.a.ii.(a))

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		Yes
44a	S5.B.6.a.ii.(a)	Number of facilities inspected during the reporting period. 6
45	S5.B.6.a.ii.(b)	Inspected municipally owned or operated catch basins and inlets every two years or used an alternative approach? (Required at least once every two years, S5.B.6.a.ii.(b)) Yes
45a	S5.B.6.a.ii.(b)	Number of known catch basins. 2327
45b	S5.B.6.a.ii.(b)	Number of catch basins inspected during the reporting period. 715
45c	S5.B.6.a.ii.(b)	Number of known catch basins cleaned during the reporting period. 715
46	S5.B.6.a.ii.(b)	If used an alternative to standard schedule for catch basin inspections for all or a portion of the MS4, attach description of the method used. (S5.B.6.a.ii.(b)) Not Applicable Comment: There are 5 Cleaning Areas in ML. In 2020 Area 2 "Downtown" was inspected and Cleaned. For 2021 Area 3 Cleanings Began. As of March 2022 2/3 of the Area was cleaned. For 2022-2023 Inspection Schedules were changed and Cleaning Areas were abandoned.
47	S5.B.6.a.ii.(c)	Conducted spot checks of stormwater facilities after major storms. (S5.B.6.a.ii.(c)) Yes
48	S5.B.6.b.	Trained the staff with primary construction, operations, or maintenance job functions that are likely to impact stormwater quality. (S5.B.6.b.) Yes
49	S7.A.	Complied with the Total Maximum Daily Load (TMDL)-specific requirements identified in Appendix 2. (S7.A.) Not Applicable
50	S7.A.	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
51	S8.A.	Attach a summary of your participation in effectiveness study development and implementation during the reporting year. (S8.A.1. and S8.A.2.a.) City of Yakima Car Wash Wastew_51_08012022103522
52	S8.A.	Did you submit a list of project participants and their associated roles to Ecology. (Required to submit by June 30, 2021, S8.A.2.b) Yes

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56	S8.A.	Was the SWMP updated to include effectiveness study activities? (S8.A.2.f.) Yes
57	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
58	G3.A.	Took appropriate action to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. Yes
58a	G3.A.	Actions taken to correct or minimize the threat to human health, welfare, and/or the environment per G3.A. ERTS #709900, Event was quickly remedied same day due to response and collaboration with departments. Conversations with Contractor prevented future events. Also see ERTS #708211
59	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
60	G20.	Number of non-compliance notifications provided in reporting year. (G20.) 2
60a	G20.	List permit conditions described in non-compliance notification(s) Contractor Cleaning Cooking Hoods In the gutter, Illicit Discharge. Also a Building collapse resulted in a broken water line that directly discharged water into the MS4 and possibly into the Lake.
61	S4.F.1.	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
62	S4.F.3.a.	If requested, submitted an Adaptive Management Response report in accordance with S4.F.3.a. Yes
63	S4.F.3.d.	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

Attachments:

[View Files Attached to Submission](#)

	DocDescr	DocName	DocExt	DocID	SubID	AppName
View	WAR046510_2_08012022100022	Annexation 2965_2_08012022100022	.pdf	1279509	1833029	wqwebportal
View	WAR046510_51_08012022103522	City of Yakima Car Wash Wastew_51_08012022103522	.pdf	1279537	1833029	wqwebportal
View		CML S4.F IDDE 323 Pioneer 27Aug21	.pdf	1288213	1833029	wqwebportal
View	WAR046510_12_08012022100437	Copy of Outfalls_12_08012022100437	.pdf	1279512	1833029	wqwebportal
View	Submitted Copy of Record for City of Moses Lake	Copy of Record CityofMosesLake Tuesday August 30 2022	.pdf	1288483	1833029	wqwebportal
View	Submitted Cover Letter for City of Moses Lake	Cover Letter CityofMosesLake Tuesday August 30 2022	.pdf	1288484	1833029	wqwebportal
View	Question 4A	Internal Coordination Mechanisms 4A	.pdf	1287275	1833029	wqwebportal
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