DEPARTMENT OF ECOLOGY
State of Washington

Water Quality Program

Permit Submittal Electronic Certification

Permittee: AUBURN CITY

Permit Number: WAR045502 **Site Address:** 25 W MAIN ST
Auburn, WA 98001

Submittal Name: MS4 Annual Report Phase II Western

Version: 1 **Due Date:** 3/31/2020

Questionnaire

Number	Permit Section	Question	Answer
1	S5.A	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.	Not Applicable
2	S5.A	Attach updated annual Stormwater Management Program Plan (SWMP Plan). (S5.A.2)	2020 SWMP Plan Final_2_03022020070126
3	S5.A	Implemented an ongoing program to gather, track, and maintain information per S5.A.3, including costs or estimated costs of implementing the SWMP.	Yes
4	S5.A.5.b	Coordinated among departments within the jurisdiction to eliminate barriers to permit compliance. (S5.A.5.b)	Yes
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)	Yes

20a	S5.C.2	If yes, list the elements, and the regional program.	Auburn participated in the Puget Sound Starts Here regional bus advertising campaign. We use the three "Certain Things Don't Mix" videos in our Channel 21 local access television rotation. We have a link to the PSSH website and a link to the Drain Rangers video "When it Rains, It Pours" video on our storm drainage web page. Participated in the Dumpster Outreach Group (subgroup of 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.	Auburn Question 21_21_01302020073939
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)	Not Applicable
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.	Response to Question 26a_26a_01302020073806
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 SWMP is available for review on the City website. Comments may be submitted by mail or email.
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.	www.auburnwa.gov
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)	Not Applicable
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
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

33	S5.C.5	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.C.5.b)	Yes Comment: Contracted with ECOSS to conduct pollution prevention outreach to businesses in Auburn. ECOSS contacted 73 businesses, 12% of which spoke English as a second language. Mailed "Rain Drain" postcards to areas where evidence of illicit discharges were identified. City staff received training on illicit discharge recognition and reporting.
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.	Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual
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.	CB inspection, public facility inspection, private system inspection.
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.)	25
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 City spill reporting phone number is listed on the Storm Drainage Utility web page and on our "Rain Drain" postcard which is mailed to areas where evidence of illicit discharges have been found. Citizens may also report non-emergency storm drainage issues through the City's on-line reporting link on the City website or by using the See, Click, Fix app.
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.	WAR045502-2019-ImportedIDDEs_03022020070512
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)	Not Applicable
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.	103
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
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.	114
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)	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)	Not Applicable
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)	628
63b	S5.C.7.	Number of facilities inspected during the reporting period.	623
63c	S5.C.7.	Number of facilities for which maintenance was performed during the reporting period.	52
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?	10166
66b	S5.C.7.	Number of catch basins inspected during the reporting period?	5911
66c	S5.C.7.	Number of catch basins cleaned during the reporting period?	1257
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
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.	Not Applicable
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
74	S5.C.8	Established an inventory per S5.C.8.b.ii. (Required by August 1, 2022.)	Not Applicable
75	S5.C.8	Implemented an inspection program S5.C.8.b.iii (Required by January 1, 2023).	Not Applicable
76	S5.C.8	Implemented a progressive enforcement policy per S5.C.8.b.iv (Required by January 1, 2023).	Not Applicable
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.	Not Applicable
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)	Yes
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)	Response to Question 81_81_0130202007544 2
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
83	S8	Notified Ecology by December 1, 2019 which option you selected: S8.A.2.a, or S8.A.2.b.	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
85	S8	Notified Ecology by December 1, 2019 which option you selected: S8.B.2.a, or S8.B.2.b?	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
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

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Ingrid Gaub — **Signature**

3/13/2020 10:45:59 AM — **Date**

CITY OF AUBURN

2020 STORMWATER MANAGEMENT PROGRAM PLAN

City of Auburn, WA
March 2020

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1. INTRODUCTION

1.1 Overview

This document presents the City of Auburn's Stormwater Management Program (SWMP) Plan. Preparation and maintenance of this SWMP Plan is required by the Washington State Department of Ecology (Ecology) as a condition of the Western Washington Phase II Municipal Stormwater Permit (the Phase II Permit). The Phase II permit covers discharges from regulated small municipal separate storm sewer systems (MS4s). The SWMP Plan is intended to inform the public of the planned SWMP activities for the upcoming year.

The permit to discharge stormwater is designed to reduce the discharge of pollutants, protect water quality, and meet the requirements of the federal Clean Water Act.

Appendix A includes acronyms and definitions from the Permit to help the reader understand the City's Stormwater Management Program.

1.2 Regulatory Background

The National Pollutant Discharge Elimination System (NPDES) permit program is a requirement of the federal Clean Water Act, which is intended to protect and restore waters for "fishable, swimmable" uses. The federal Environmental Protection Agency (EPA) has delegated permit authority to state environmental agencies, and these agencies can set permit conditions in accordance with and in addition to the minimum federal requirements. In Washington, the NPDES-delegated permit authority is the Washington State Department of Ecology (Ecology).

In Washington, municipalities with a population of over 100,000 are designated as Phase I communities and must comply with Ecology's Phase I NPDES Municipal Stormwater Permit. Auburn's population is below the 100,000 threshold, so the City must comply with the Phase II Municipal Stormwater Permit. Ecology's Phase II Municipal Stormwater Permit is available on Ecology's website at

https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Stormwater-general-permits/Municipal-stormwater-general-permits/Western-Washington-Phase-II-Municipal-Stormwat-(1)

The Permit allows municipalities to discharge stormwater runoff from municipal drainage systems into the state's water bodies (e.g., streams, rivers, lakes, wetlands, and aquifers) as long as municipalities implement programs to protect water quality by reducing the discharge of "non-point source" pollutants to the "maximum extent practicable" (MEP) through application of Permit-specified components. The components specified in the Permit are collectively referred to as the Stormwater Management Program (SWMP) and are identified as follows:

- Stormwater Planning
- Public Education and Outreach
- Public Involvement and Participation
- MS4 Mapping and Documentation
- Illicit Discharge Detection and Elimination
- Controlling Runoff from New Development, Redevelopment, and Construction Sites
- Operations and Maintenance

- Source Control Program for Existing Development

In addition to the SWMP components the Permit contains special conditions covering:

- Compliance with Total Maximum Daily Load requirements
- Monitoring and Assessment
- Reporting Requirements

The Permit issued by Ecology became effective on August 1, 2019, and will expire on July 31, 2024. The Permit requires the City to submit an annual report no later than March 31st of each year on progress in SWMP implementation. The Permit also requires submittal of a SWMP Plan which describes proposed SWMP activities for the current calendar year. The SWMP Plan is to be updated annually and be included in the submittal of the previous year's annual report.

1.3 City of Auburn Regulated Area

The Western Washington Phase II Permit applies to operators of regulated small MS4s that discharge stormwater to waters of Washington State located west of the crest of the Cascade Range. For cities, the Permit requirements extend to those areas of each City that drain to MS4s. Most of Auburn drains to MS4s that ultimately discharge into the Green River, the White River, or Mill Creek. In addition, some portions of the City drain to public infiltration facilities where the stormwater soaks into the ground.

1.4 SWMP Implementation Responsibilities

The Utilities Engineering Division in the Public Works Department coordinates the overall administration of efforts to comply with Permit requirements. Other major departments/divisions included in the 2020 SWMP implementation are the Maintenance and Operations (M&O) Division of the Public Works Department, and Community Development (CD).

2. STORMWATER MANAGEMENT PROGRAM ADMINISTRATION

This section of the SWMP describes Permit requirements related to overall Stormwater Management Program administration, and planned compliance activities for 2020.

2.1 Permit Requirements

The Permit (Section S5.A) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Develop and implement a Stormwater Management Program (SWMP) and prepare written documentation (SWMP Plan) for submittal to Ecology by March 31 of each year. The purpose of the SWMP is to reduce the discharge of pollutants from the municipal stormwater system to the maximum extent practicable and thereby protect water quality. The SWMP Plan is intended to inform the public of the planned SWMP activities for the upcoming calendar year, including any actions to meet the requirements of S7 Compliance with Total Maximum Daily Load Requirements, and S8 Monitoring.
- Implement a program for gathering, tracking, maintaining, and using information to evaluate SWMP development, implementation and permit compliance and to set priorities.
- Coordinate with other permittees on stormwater related policies programs, and projects within adjacent or shared areas.
- Coordinate between City departments to eliminate barriers to compliance with the terms of the permit.

2.2 Planned 2020 Compliance Activities

Auburn has positioned itself to maintain compliance. Table 2-1 presents the proposed work plan for the 2020 SWMP administration activities.

Table 2-1. 2020 Stormwater Management Administration Program Work Plan

Task ID	Task Description	Compliance Timeframe
1	Revise and update the City's Stormwater Management Program Plan (SWMP Plan) to identify planned SWMP activities for 2020.	The SWMP submittal is due by March 31st of each year.
2	Track program element implementation.	Annual Reporting is due by March 31st of each year.

3. STORMWATER PLANNING

This section describes the Permit requirements related to stormwater planning, and planned compliance activities for 2020.

3.1 Permit Requirements

The Permit (Section S5.C.1) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Convene an inter-disciplinary team to inform and assist in the development, progress, and influence of the Stormwater Planning Program by August 1, 2020.
- Coordinate with long-range plan updates.
- Continue to integrate low impact code-related requirements.
- Develop a Stormwater Management Action Plan using a process similar to, and considering the range of issues outlined in the *Stormwater Management Action Planning Guidance* (Ecology 2019; Publication 19-10-010) by March 31, 2023.

3.2 Planned 2020 Compliance Activities

Table 3-1 presents the work plan for the 2020 SWMP stormwater planning activities.

Table 3-1. 2020 Stormwater Planning Work Plan

Task ID	Task Description	Compliance Timeframe
1	Convene an inter-disciplinary team to inform and assist in the development, progress and influence of the Stormwater Management Program.	August 1, 2020
2	Review stormwater planning process, schedule and deliverables with the Stormwater Management Program team.	December 31, 2020
3	Continue to require LID Principles and LID BMPs when updating, revising, and developing new local development-related codes, rules, standards, or other enforceable documents.	Ongoing

4. PUBLIC EDUCATION AND OUTREACH

This section describes the Permit requirements related to public education and outreach, and planned compliance activities for 2020.

4.1 Permit Requirements

The Permit (Section S5.C.2) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Build general awareness about methods to address and reduce impacts from stormwater runoff.
- Using social marketing practices and methods, effect behavior change to reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts.
- Provide and advertise stewardship opportunities and/or partner with existing organizations to encourage community engagement in addressing impacts to stormwater runoff and receiving waters.

These requirements may be conducted individually by the City or as part of a collaborative regional effort.

4.2 Planned 2020 Compliance Activities

Table 4-1 presents the work plan for the 2020 SWMP public education and outreach activities.

Table 4-1. 2020 Public Education and Outreach Work Plan

Task ID	Task Description	Compliance Timeframe
1	Continue collaboration with other NPDES municipalities through Stormwater Outreach for Regional Municipalities (STORM) and Puget Sound Starts Here to promote regional education and outreach.	Ongoing
2	Continue the school classroom education program.	Ongoing
3	Use social marketing practices and methods to develop a behavior change campaign that is tailored to our community. Continue working with regional jurisdictions to explore business related behavior change activities that may be implemented as the Source Control Inspection program element of the Permit becomes effective.	Ongoing
4	Continue business spill kit and pollution prevention program. Consider new business types that would benefit from this program.	Ongoing
5	Continue to educate business owners during private drainage inspections.	Ongoing
6	Inform public employees, businesses and the general public of the hazards associated with illegal discharges and improper disposal of waste.	Ongoing
7	Provide stewardship opportunities such as planting native plants and invasive species removal at the Auburn Environmental Park. Advertise and/or partner with existing organizations to encourage residents to participate in other stewardship opportunities.	Ongoing

5. PUBLIC INVOLVEMENT AND PARTICIPATION

This section describes the Permit requirements related to public involvement and participation, and planned compliance activities for 2020.

5.1 Permit Requirements

The Permit (Section S5.C.3) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Provide ongoing opportunities for public involvement and participation through advisory boards or commissions, public hearings, watershed committees, public participation in developing rate structures and budgets, or other similar activities. The public must be able to participate in the decision-making processes, including development, implementation, and update of the SWMP.
- Make the SWMP Plan and Annual Report available to the public, by posting on the City's website. Make any other documents required to be submitted to Ecology in response to Permit conditions available to the public.

5.2 Planned 2020 Compliance Activities

The City of Auburn has a history of including the public in decision making. Table 5-1 below presents the work plan for the 2020 SWMP public involvement and participation activities.

Table 5-1. 2020 Public Involvement and Participation Work Plan

Task ID	Task Description	Compliance Timeframe
1	Post SWMP Plan on City website and solicit public input.	Public involvement opportunities will be available before the March 31, 2020 submittal.
2	Make SWMP Plan and Annual Report available to public by posting on the City website.	

6. MS4 MAPPING AND DOCUMENTATION

This section describes the Permit requirements related to mapping and documentation, and planned compliance activities for 2020.

6.1 Permit Requirements

The Permit (Section S5.C.4) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Ongoing mapping of known MS4 outfalls and discharge points, receiving waters, stormwater treatment and flow control facilities owned by the Permittee, geographic areas served by the MS4 that don't discharge to surface waters, tributary conveyances to outfalls that are 24 inches in diameter or larger, connections between MS4s, and connections to the MS4 authorized or allowed by the Permittee after February 16, 2007.
- No later than January 1, 2020 begin collecting size and material for all known MS4 outfalls, and update records.
- Complete mapping of all known connections from the MS4 to privately owned stormwater systems before August 1, 2023.
- Utilize electronic mapping format with fully described mapping standards by August 1, 2021.
- Make maps available to Ecology, federally recognized Indian Tribes, municipalities and other Permittees upon request.

6.2 Planned 2020 Compliance Activities

Table 6-1 presents the work plan for the 2020 SWMP mapping and documentation activities.

Table 6-1. 2020 Mapping and Documentation Work Plan

Task ID	Task Description	Compliance Timeframe
1	Continue mapping the MS4.	Ongoing
2	Continue collecting MS4 outfall size and material data.	Ongoing

7. ILLICIT DISCHARGE DETECTION AND ELIMINATION

This section describes the Permit requirements related to illicit discharge detection and elimination (IDDE), and planned compliance activities for 2020.

7.1 Permit Requirements

The Permit (Section S5.C.5) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Implement an ongoing program to detect and remove illicit discharges, connections, and improper disposal, including spills into the municipal separate storm sewers owned or operated by the City.
- Publicly list and publicize a hotline or other local telephone number for public reporting of spills and other illicit discharges. Track illicit discharge reports and actions taken in response through close-out, including enforcement actions.
- Inform public employees, businesses and the general public of hazards associated with illegal discharges and improper disposal of waste.
- Train staff on proper IDDE response SOPs and train municipal field staff to recognize and report illicit discharges.
- Summarize all illicit discharges and connections reported to the City and response actions taken, including enforcement actions, in the Annual Compliance Report; identify any updates to the SWMP.
- Annually track total percentage of the MS4 screened since August 1, 2019.

7.2 Planned 2020 Compliance Activities

Table 7-1 presents the work plan for 2020 SWMP illicit discharge detection and elimination activities.

Table 7-1. 2020 Illicit Discharge Detection and Elimination Work Plan

Task ID	Task Description	Compliance Timeframe
1	Continue to implement City-wide IDDE Program and develop any necessary supplemental IDDE activities. Enforce ACC 13.48.210 using education and technical support as a first action and escalating code enforcement as needed. Publicize a phone number for public reporting of spills and illicit discharges.	Ongoing
2	Provide IDDE training to new hires in Utility Engineering and Maintenance & Operations.	Ongoing
3	Perform IDDE field screening of at least 12% of MS4 annually.	Ongoing
4	Annually track total percentage of the MS4 screened since August 1, 2019.	Ongoing

8. CONTROLLING RUNOFF FROM NEW DEVELOPMENT, REDEVELOPMENT, AND CONSTRUCTION SITES

This section describes the Permit requirements related to controlling runoff from new development, redevelopment, and construction sites, and planned compliance activities for 2020.

8.1 Permit Requirements

The Permit (Section S5.C.6) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Implement, and enforce a program to reduce pollutants in stormwater runoff to the municipal separate storm sewer system from new development, redevelopment, and construction site activities. The program must apply to both private and public development, including transportation projects.
- Have adopted regulations (codes and standards), plan review, inspection, and escalating enforcement SOPs necessary to implement the program in accordance with Permit conditions, including the minimum technical requirements in Appendix 1 of the Permit by June 30, 2022.
- Have adopted regulations providing the legal authority, through the approval process for new development and redevelopment, to inspect and enforce maintenance standards for private stormwater facilities that discharge to the MS4.
- Implement a permitting process with site plan review, inspection and enforcement capability, using qualified personnel, for private and public projects.
- Make available, as applicable, the link to the electronic Construction Stormwater General Permit Notice of Intent (NOI) form for construction activity and, as applicable, a link to the electronic Industrial Stormwater General Permit NOI form for industrial activity to representatives of proposed new development and redevelopment.
- Provide training to staff on the new codes, standards, and SOPs and create public education and outreach materials.
- Record and maintain records of all inspections and enforcement actions by staff.
- Summarize annual activities for the "Controlling Runoff" component of the Annual Compliance Report; identify any updates to the SWMP.

8.2 Planned 2020 Compliance Activities

The City has a program to help reduce stormwater runoff from new development and construction sites. Table 8-1 presents the work plan for 2020 SWMP activities related to runoff control for new development, redevelopment, and construction sites.

Table 8-1. 2020 Controlling Runoff from Development, Redevelopment, and Construction Sites Work Plan

Task ID	Task Description	Compliance Timeframe
1	Track and report construction, new development, and redevelopment permits, inspections and enforcement actions.	Ongoing
2	Implement a permitting process with site plan review, inspection and enforcement capability, using qualified personnel, for private and public projects.	Ongoing
3	Inspect all permitted development sites throughout the construction process.	Ongoing
4	Inspect all permanent stormwater treatment and flow control BMPs/facilities and catch basins in new residential developments every six months until 90% of the lots are constructed or construction has stopped and site is fully stabilized.	Ongoing
5	Make available the link to the "Notice of Intent for Construction Stormwater General Permit" and/or the "Notice of Intent for Industrial Stormwater General Permit" to representatives of proposed new development and redevelopment.	Ongoing

9. OPERATIONS AND MAINTENANCE

This section describes the Permit requirements related to municipal operations and maintenance, and planned compliance activities for 2020.

9.1 Permit Requirements

The Permit (Section S5.C.7) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Implement an O&M program, with the ultimate goal of preventing or reducing pollutant runoff from municipal separate stormwater system and municipal O&M activities.
- Implement maintenance standards for the municipal separate stormwater system that are at least as protective as those specified in the 2019 Stormwater Management Manual for Western Washington.
- Conduct annual inspections of all private stormwater treatment and flow control BMPS/facilities that were permitted under the 2007 – 2019 municipal stormwater permits and that discharge to the MS4. Enforce maintenance as triggered by the maintenance standards.
- Conduct annual inspection of all municipally owned or operated permanent stormwater treatment and flow control BMPs/facilities and perform maintenance as needed to comply with maintenance standards.
- Inspect all catch basins and inlets owned or operated by the City at least once every two years. Clean the catch basins if inspections indicate cleaning is needed to comply with maintenance standards.
- Check treatment and flow control facilities after major storms and perform repairs as needed in accordance with adopted maintenance standards.
- Implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the City, and road maintenance activities under the functional control of the City, including but not limited to streets, parking lots, roads, highways buildings, parks, open space, road right-of-ways, maintenance yards, and stormwater treatment and flow control BMPs/facilities.
- Document the practices, policies and procedures before December 31, 2022.
- Implement an ongoing training program for employees of the City whose primary construction, operations, or maintenance job functions may impact stormwater quality. Document and maintain records of the training provided.
- Prepare Stormwater Pollution Prevention Plans (SWPPPs) for all heavy equipment maintenance or storage yards identified for year-round facilities or yards, and material storage facilities owned or operated by the City.
- Summarize annual activities for the "Pollution Prevention and Operations and Maintenance for Municipal Operations" component of the Annual Compliance Report; identify any updates to the SWMP.

9.2 Planned 2020 Compliance Activities

Table 9-1 presents the work plan for 2020 SWMP activities related to operations and maintenance.

Table 9-1. 2020 Operations and Maintenance Work Plan		
Task ID	**Task Description**	**Compliance Timeframe**
1	Conduct annual inspection of all treatment and flow control (other than catch basins) in the public system and perform maintenance as triggered by the maintenance standards.	On-going
2	Conduct annual inspections of all private stormwater treatment and flow control BMPS/facilities that were permitted under the 2007 – 2019 municipal stormwater permits and that discharge to the MS4. Enforce maintenance as triggered by the maintenance standards.	On-going
3	Inspect catch basins at a rate that ensures all are inspected every two years. Clean/repair catch basins as triggered by the maintenance standards.	On-going
4	Perform street sweeping to reduce the amount of street waste that enters the storm drainage conveyance system.	Ongoing
5	Implement SWPPPs at M&O, Lake Tapps Parkway storage, Parks-GSA, Cemetery.	Ongoing
6	Implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from lands owned or maintained by the City, and road maintenance activities under the functional control of the City.	Ongoing
7	Implement an ongoing training program for employees of the City whose primary construction, operations, or maintenance job functions may impact stormwater quality.	Ongoing
8	Document and maintain records of employee training.	Ongoing

10. SOURCE CONTROL PROGRAM FOR EXISTING DEVELOPMENT

This section describes the Permit requirements related to source control program for existing development, and planned compliance activities for 2020.

10.1 Permit Requirements

The Permit (Section S5.C.8) requires the City to fulfill the following actions during the 5-year Permit cycle:

- Implement a program to prevent and reduce pollutants in runoff from areas that discharge to the MS4.
- Require application of operational source control BMPs, and if necessary, structural source control BMPs or treatment BMPs/facilities, or both, to pollution generating sources associated with existing land uses and activities.
- Establish an inventory that identifies publicly and privately owned institutional, commercial, and industrial sites which have the potential to generate pollutants to the MS4 by August 1, 2022.
- Inspect pollutant generating sources at publicly and privately owned institutional, commercial and industrial sites to enforce implementation of required BMPs to control pollution discharging into the MS4 beginning January 1, 2023.
- Implement a progressive enforcement policy that requires sites to comply with stormwater requirements beginning January 1, 2023.

10.2 Planned 2020 Compliance Activities

Table 10-1 presents the work plan for the 2020 SWMP source control program for existing development activities.

Table 10-1. 2020 Source Control Program for Existing Development Work Plan

Task ID	Task Description	Compliance Timeframe
1	Begin planning process to establish an inventory by August 1, 2022 and to implement a source control program by January 1, 2023.	

11. COMPLIANCE WITH TOTAL MAXIMUM DAILY LOAD REQUIREMENTS

The federal Clean Water Act requires that Ecology establish "Total Maximum Daily Loads" (TMDL) for rivers, streams, lakes, and marine waters that don't meet water quality standards. A TMDL is a calculation of the maximum amount of a pollutant that a water body can receive and still meet water quality standards. After the TMDL has been calculated for a given water body, Ecology determines how much each source must reduce its discharges of the pollutant in order bring the water body back into compliance with the water quality standards. TMDL requirements are included in the stormwater NPDES permits for discharges into affected water bodies.

Stormwater discharges covered under this Permit are required to implement actions necessary to achieve the pollutant reductions called for in applicable TMDLs. Applicable TMDLs are those approved by the EPA before the issuance date of the Permit or which have been approved by the EPA prior to the issue date of the Permit or the date Ecology issues coverage under the Permit, whichever is later. Information on Ecology's TMDL program is available on Ecology's website at https://ecology.wa.gov/Water-Shorelines/Water-quality/Water-improvement/Total-Maximum-Daily-Load-process .

In accordance with Permit condition S7 Compliance with Total Maximum Daily Load Requirements the City must comply with the following TMDL.

Name of TMDL	Puyallup Watershed Water Quality Improvement Project
Document(s) for TMDL	*Puyallup River Watershed Fecal Coliform Total Maximum Daily Load – Water Quality Improvement Report and Implementation Plan*, June 2011, Ecology Publication No. 11-10-040. https://fortress.wa.gov/ecy/publications/SummaryPages/1110040.html
Location of Original 303(d) Listings	Puyallup River 16712, 7498, White River 16711, 16708, 16709, Clear Creek 7501, Swan Creek 7514, Boise Creek 16706
Area Where TMDL Requirements Apply	Requirements apply in all areas regulated under the Permittee's municipal stormwater permit and discharging to water bodies listed within the specific requirement in this TMDL section.
Parameter	Fecal Coliform
EPA Approval Date	September 2011
MS4 Permittee	Phase I Permit: King County, Pierce County Phase II Permit: Auburn, Edgewood, Enumclaw, Puyallup, Sumner

Actions required of the City under this TMDL include:

- Designate areas discharging via MS4 to the TMDL area as high priority areas for illicit discharge detection and elimination. Complete IDDE screening for bacteria sources in 100% of these sub-

basins by July 31, 2024, and implement the schedules and activities identified in S5.C.5 of the Western Washington Phase II Permit in response to any illicit discharges found. The results of all bacterial screening conducted in these sub-basins shall be included in the annual reports submitted to Ecology.

- Install and maintain pet waste education and collection stations at municipal parks and other Permittee owned and operated lands adjacent to streams. Focus on locations where people commonly walk their dogs.

11.1 Planned 2020 Compliance Activities

Table 11-1 presents the work plan for 2020 SWMP activities related to TMDL requirement compliance.

Table 11-1. 2020 Compliance with TMDL Load Requirements

Task ID	Task Description	Compliance Timeframe
1	Include summary of activities conducted in TMDL area to address TMDL parameter (fecal coliform) with annual report to Ecology.	March 31, 2020
2	Continue IDDE screening for bacteria sources on a schedule to complete 100% of the TMDL sub-basins by July 31, 2024.	On-going
3	Maintain pet waste education and collection stations at municipal parks and other public lands adjacent to the White River and its tributaries.	On-going

12. MONITORING AND ASSESSMENT

This section describes the Permit requirements related to water quality monitoring, and planned compliance activities for 2020.

12.1 Permit Requirements

The Permit (Section S8) requires the City to either conduct Status and Trends Monitoring, and Effectiveness and Source Identification Studies, or pay annually into a collective fund to implement monitoring under Ecology oversight through the SAM (Stormwater Action Monitoring) program. The City committed in 2019 to pay $13,060.00 annually into the collective SAM monitoring fund for Status and Trends Monitoring and $23,868.00 into the Effectiveness and Source Identification Studies fund.

All Permittees are required to submit information as requested for effectiveness and source identification studies that are under contract with Ecology as active Stormwater Action Monitoring (SAM) projects.

12.2 Planned 2020 Compliance Activities

Table 12-1 presents the work plan for 2020 SWMP monitoring activities.

Table 12-1. 2020 Water Quality Monitoring Work Plan

Task ID	Task Description	Compliance Timeframe
1	Pay $36,928.00 annually into the SAM collective fund for implementation of Status and Trends Monitoring, and Effectiveness and Source Identification Studies.	Annual payment due by August 15th.
2	Submit information as requested for effectiveness and source identification studies that are under contract with Ecology as active Stormwater Action Monitoring (SAM) projects.	As requested.

Acronyms and Definitions

The following definitions and acronyms are taken directly from the Phase II Permit and are reproduced here for the reader's convenience.

40 CFR means Title 40 of the Code of Federal Regulations, which is the codification of the general and permanent rules published in the Federal Register by the executive departments and agencies of the federal government.

AKART means all known, available, and reasonable methods of prevention, control and treatment. See also State Water Pollution Control Act, chapter 90.48.010 RCW and chapter 90.48.520 RCW.

All Known, Available and Reasonable Methods of Prevention, Control and Treatment refers to the State Water Pollution Control Act, chapter 90.48.010 RCW and chapter 90.48.520 RCW.

Applicable TMDL means a TMDL which has been approved by EPA on or before the issuance date of this Permit, or prior to the date that Ecology issues coverage under this Permit, whichever is later.

Best Management Practices are the schedules of activities, prohibitions of practices, maintenance procedures, and structural and/or managerial practices approved by Ecology that, when used singly or in combination, prevent or reduce the release of pollutants and other adverse impacts to waters of Washington State.

BMP means Best Management Practice.

Component or **Program Component** means an element of the Stormwater Management Program listed in S5 Stormwater Management Program for Cities, Towns, and Counties or S6 Stormwater Management Program for Secondary Permittees, S7 Compliance with Total Maximum Daily Load Requirements, or S8 Monitoring of this permit.

Community-based Social Marketing is a social marketing methodology. It employs a systematic approach intended to change the behavior of communities to reduce their impact on the environment. Realizing that providing information is usually not sufficient to initiate behavior change, community-based social marketing uses tools and findings from social psychology to discover the perceived barriers to behavior change and ways of overcoming these barriers.

Conveyance System means that portion of the municipal separate storm sewer system designed or used for conveying stormwater.

Co-Permittee means an owner or operator of an MS4 which is in a cooperative agreement with at least one other applicant for coverage under this permit. A Co-Permittee is an owner or operator of a regulated MS4 located within or in proximity to another regulated MS4. A Co- Permittee is only responsible for permit conditions relating to discharges from the MS4 the Co- Permittee owns or operates. See also 40 CFR 122.26(b)(1)

CWA means Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972) Pub.L. 92-500, as amended Pub. L. 95-217, Pub. L. 95-576, Pub. L. (6-483 and Pub. L. 97-117, 33 U.S.C. 1251 et.seq).

Discharge Point means the location where a discharge leaves the Permittee's MS4 through the Permittee's MS4 facilities/BMPs designed to infiltrate.

Entity means a governmental body, or a public or private organization.

EPA means the U.S. Environmental Protection Agency.

Fully Stabilized means the establishment of a permanent vegetative cover, or equivalent permanent stabilization measures (such as riprap, gabions or geotextiles) which prevent erosion.

General Permit means a permit which covers multiple dischargers of a point source category within a designated geographical area, in lieu of individual permits being issued to each discharger.

Heavy Equipment Maintenance or Storage Yard means an uncovered area where any heavy equipment, such as mowing equipment, excavators, dump trucks, backhoes, or bulldozers are washed or maintained, or where at least five pieces of heavy equipment are stored on a long- term basis.

Highway means a main public road connecting towns and cities.

Illicit Connection means any infrastructure connection to the MS4 that is not intended, permitted or used for collecting and conveying stormwater or non-stormwater discharges allowed as specified in this permit (S5.C.3 and S6.D.3). Examples include sanitary sewer connections, floor drains, channels, pipelines, conduits, inlets, or outlets that are connected directly to the MS4.

Illicit Discharge means any discharge to a MS4 that is not composed entirely of stormwater or of non-stormwater discharges allowed as specified in this permit (S5.C.3 and S6.D.3).

Impervious Surface means a non-vegetated surface area that either prevents or retards the entry of water into the soil mantle as under natural conditions prior to development. A non- vegetated surface area which causes water to run off the surface in greater quantities or at an increased rate of flow from the flow present under natural conditions prior to development. Common impervious surfaces include, but are not limited to, roof tops, walkways, patios, driveways, parking lots or stormwater areas, concrete or asphalt paving, gravel roads, packed earthen materials, and oiled, macadam or other surfaces which similarly impede the natural infiltration of stormwater.

Land Disturbing Activity means any activity that results in a change in the existing soil cover (both vegetative and non-vegetative) and/or the existing soil topography. Land disturbing activities include, but are not limited to clearing, grading, filling and excavation. Compaction that is associated with stabilization of structures and road construction shall also be considered land disturbing activity. Vegetation maintenance practices, including landscape maintenance and gardening, are not considered land disturbing activity. Stormwater facility maintenance is not considered land disturbing activity if conducted according to established standards and procedures.

LID means Low Impact Development.

LID BMP means low impact development best management practices.

LID Principles means land use management strategies that emphasize conservation, use of on- site natural features, and site planning to minimize impervious surfaces, native vegetation loss, and stormwater runoff.

Low Impact Development (LID) means a stormwater and land use management strategy that strives to mimic pre-disturbance hydrologic processes of infiltration, filtration, storage, evaporation and transpiration by emphasizing conservation, use of on-site natural features, site planning, and distributed stormwater management practices that are integrated into a project design.

Low Impact Development Best Management Practices (LID BMP) means distributed stormwater management practices, integrated into a project design, that emphasize pre-disturbance hydrologic processes of infiltration, filtration, storage, evaporation and transpiration. LID BMPs include, but are not limited to, bioretention, rain gardens, permeable pavements, roof downspout controls, dispersion, soil quality and depth, vegetated roofs, minimum excavation foundations, and water re-use.

Material Storage Facilities means an uncovered area where bulk materials (liquid, solid, granular, etc.) are stored in piles, barrels, tanks, bins, crates, or other means.

Maximum Extent Practicable refers to paragraph 402(p)(3)(B)(iii) of the federal Clean Water Act which reads as follows: Permits for discharges from municipal storm sewers shall require controls to reduce the discharge of pollutants to the maximum extent practicable, including management practices, control techniques, and system, design, and engineering methods, and other such provisions as the Administrator or the State determines appropriate for the control of such pollutants.

MEP means Maximum Extent Practicable.

MS4 means municipal separate storm sewer system.

Municipal Separate Storm Sewer System means a conveyance, or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains):

(i) Owned or operated by a state, city, town, borough, county, parish, district, association, or other public body (created by or pursuant to state law) having jurisdiction over disposal of wastes, stormwater, or other wastes, including special districts under State law such as a sewer district, flood control district or drainage district, or similar entity, or an Indian tribe or an authorized Indian tribal organization, or a designated and approved management agency under section 208 of the CWA that discharges to waters of Washington State.

(ii) Designed or used for collecting or conveying stormwater.

(iii) Which is not a combined sewer;

(iv) Which is not part of a Publicly Owned Treatment Works (POTW) as defined at 40 CFR 122.2.; and

(v) Which is defined as "large" or "medium" or "small" or otherwise designated by Ecology pursuant to 40 CFR 122.26.

National Pollutant Discharge Elimination System means the national program for issuing, modifying, revoking, and reissuing, terminating, monitoring and enforcing permits, and imposing and enforcing pretreatment requirements, under sections 307, 402, 318, and 405 of the Federal Clean Water Act, for the discharge of pollutants to surface waters of the state from point sources. These permits are referred to as NPDES permits and, in Washington State, are administered by the Washington State Department of Ecology.

Native Vegetation means vegetation comprised of plant species, other than noxious weeds, that are indigenous to the coastal region of the Pacific Northwest and which reasonably could have been expected to naturally occur on the site. Examples include trees such as Douglas Fir, western hemlock, western red cedar, alder, big-leaf maple; shrubs such as willow, elderberry, salmonberry, and salal; and herbaceous plants such as sword fern, foam flower, and fireweed.

New Development means land disturbing activities, including Class IV General Forest Practices that are conversions from timber land to other uses; structural development, including construction or installation of a building or other structure; creation of hard surfaces; and subdivision, short subdivision and binding site plans, as defined and applied in chapter 58.17 RCW. Projects meeting the definition of redevelopment shall not be considered new development. Refer to Appendix 1 for a definition of hard surfaces.

New Permittee means a city, town, or county that is subject to the *Western Washington Municipal Stormwater General Permit* and was not subject to the permit prior to August 1, 2013.

New Secondary Permittee means a Secondary Permittee that is covered under a municipal stormwater general permit and was not covered by the permit prior to August 1, 2013.

NOI means Notice of Intent.

Notice of Intent (NOI) means the application for, or a request for coverage under a General Permit pursuant to WAC 173-226-200.

Notice of Intent for Construction Activity means the application form for coverage under the *Construction Stormwater General Permit.*

Notice of Intent for Industrial Activity means the application form for coverage under the *General Permit for Stormwater Discharges Associated with Industrial Activities*.

NPDES means National Pollutant Discharge Elimination System.

Outfall means a point source as defined by 40 CFR 122.2 at the point where a discharge leaves the Permittee's MS4 and enters a surface receiving waterbody or surface receiving waters. Outfall does not include pipes, tunnels, or other conveyances which connect segments of the same stream or other surface waters and are used to convey primarily surface waters (i.e., culverts).

Overburdened Community means minority, low-income, tribal, or indigenous populations or geographic locations in Washington State that potentially experience disproportionate environmental harms and risks. This disproportionality can be as a result of greater vulnerability to environmental hazards, lack of opportunity for public participation, or other factors. Increased vulnerability may be attributable to an accumulation of negative or lack of positive environmental, health, economic, or social conditions within these populations or places. The term describes situations where multiple factors, including both environmental and socio-economic stressors, may act cumulatively to affect health and the environment and contribute to persistent environmental health disparities.

Permittee unless otherwise noted, the term "Permittee" includes city, town, or county Permittee, Co-Permittee, New Permittee, Secondary Permittee, and New Secondary Permittee.

Qualified Personnel means someone who has had professional training in the aspects of stormwater management for which they are responsible and are under the functional control of the Permittee. Qualified Personnel may be staff members, contractors, or volunteers.

RCW means the Revised Code of Washington State.

Receiving Waterbody or Receiving Waters means naturally and/or reconstructed naturally occurring surface water bodies, such as creeks, streams, rivers, lakes, wetlands, estuaries, and marine waters, or ground water, to which infiltration MS4 discharges.

Redevelopment means, on a site that is already substantially developed (i.e., has 35% or more of existing hard surface coverage), the creation or addition of hard surfaces; the expansion of a building footprint or addition or replacement of a structure; structural development including construction, installation or expansion of a building or other structure; replacement of hard surface that is not part of a routine maintenance activity; and land disturbing activities. Refer to Appendix 1 for a definition of hard surfaces.

Regional Stormwater Monitoring Program means, for all of western Washington, a stormwater-focused monitoring and assessment program consisting of these components: status and trends monitoring in small streams and marine nearshore areas, stormwater management program effectiveness studies, and a source identification information repository (SIDIR). The priorities and scope for the RSMP are set by a formal stakeholder group. For this permit term, RSMP status and trends monitoring will be conducted in the Puget Sound basin only.

Regulated Small Municipal Separate Storm Sewer System means a Municipal Separate Storm Sewer System which is automatically designated for inclusion in the Phase II stormwater permitting program by its location within an Urbanized Area, or by designation by Ecology and is not eligible for a waiver or exemption under S1.C.

Runoff is water that travels across the land surface and discharges to water bodies either directly or through a collection and conveyance system. See also "Stormwater."

SAM means Stormwater Action Monitoring.

Secondary Permittee is an operator of a regulated small MS4 which is not a city, town or county. Secondary Permittees include special purpose districts and other public entities that meet the criteria in S1.B.

Small Municipal Separate Storm Sewer System means an MS4 that is not defined as "large" or "medium" pursuant to 40 CFR 122.26(b)(4) & (7) or designated under 40 CFR 122.26 (a)(1)(v).

Source Control BMP means a structure or operation that is intended to prevent pollutants from coming into contact with stormwater through physical separation of areas or careful management of activities that are sources of pollutants. The *SWMMWW* separates source control BMPs into two types. Structural Source Control BMPs are physical, structural, or mechanical devices, or facilities that are intended to prevent pollutants from entering stormwater. Operational BMPs are non-structural practices that prevent or reduce pollutants from entering stormwater. See Volume IV of the *SWMMWW* (2012) for details.

Stormwater means runoff during and following precipitation and snowmelt events, including surface runoff, drainage or interflow.

Stormwater Action Monitoring (SAM) is the regional stormwater monitoring program for Western Washington. This means, for all of Western Washington, a stormwater-focused monitoring and assessment program consisting of these components: status and trends monitoring in small streams and marine nearshore areas, stormwater management program effectiveness studies, and source identification projects. The priorities and scope for SAM are set by a formal stakeholder group that selects the studies and oversees the program administration.

Stormwater Management Program (SWMP) means a set of actions and activities designed to reduce the discharge of pollutants from the MS4 to the MEP and to protect water quality, and comprising the components listed in S5 (for cities, towns and counties) or S6 (for Secondary Permittees) of this Permit

and any additional actions necessary to meet the requirements of applicable TMDLs pursuant to S7 *Compliance with TMDL Requirements,* and S8 *Monitoring and Assessment.*

Stormwater Treatment and Flow Control BMPs/Facilities means detention facilities, treatment BMPs/facilities, bioretention, vegetated roofs, and permeable pavements that help meet Appendix 1 Minimum Requirements #6 (treatment), #7 (flow control), or both.

Surface Waters includes lakes, rivers, ponds, streams, inland waters, salt waters, and all other surface waters and water courses within the jurisdiction of the State of Washington.

SWMMWW or Stormwater Management Manual for Western Washington means *Stormwater Management Manual for Western Washington (2019).*

SWMP means Stormwater Management Program.

TMDL means Total Maximum Daily Load.

Total Maximum Daily Load (TMDL) means a water cleanup plan. A TMDL is a calculation of the maximum amount of a pollutant that a water body can receive and still meet water quality standards, and an allocation of that amount to the pollutant's sources. A TMDL is the sum of the allowable loads of a single pollutant from all contributing point and nonpoint sources.

The calculation must include a margin of safety to ensure that the water body can be used for the purposes the state has designated. The calculation must also account for seasonable variation in water quality. Water quality standards are set by states, territories, and tribes. They identify the uses for each water body, for example, drinking water supply, contact recreation (swimming), and aquatic life support (fishing), and the scientific criteria to support that use. The Clean Water Act, section 303, establishes the water quality standards and TMDL programs.

Tributary Conveyance means pipes, ditches, catch basins, and inlets owned or operated by the Permittee and designed or used for collecting and conveying stormwater.

Urbanized Area is a federally-designated land area comprising one or more places and the adjacent densely settled surrounding area that together have a residential population of at least 50,000 and an overall population density of at least 1,000 people per square mile. Urbanized Areas are designated by the U.S. Census Bureau based on the most recent decennial census.

Water Quality Standards means Surface Water Quality Standards, chapter 173-201A WAC, Ground Water Quality Standards, chapter 173-200 WAC, and Sediment Management Standards, chapter 173-204 WAC.

Waters of the State includes those waters as defined as "waters of the United States" in 40 CFR Subpart 122.2 within the geographic boundaries of Washington State and "waters of the state" as defined in chapter 90.48 RCW which includes lakes, rivers, ponds, streams, inland waters, underground waters, salt waters and all other surface waters and water courses within the jurisdiction of the State of Washington.

Waters of the United States refers to the definition in 40 CFR 122.2.

Response to Question 21

City of Auburn 2019 Public Education and Outreach Summary

Public Education / Outreach Activity	Target Audience	Comments
City Storm Drainage Web Site	General public	City website provides general information on the City's storm drainage program, links to the City's SWMP, annual reports, and to Puget Sound Starts Here website and lists the Spill Reporting number.
City Storm Drainage Web Site	Private Storm Facility Owners and Managers	City website provides information on maintenance standards for private storm drainage systems.
Stormwater Outreach for Regional Municipalities (STORM)	General public	Auburn participates in this regional public education and outreach program. Auburn brands its stormwater outreach material with the Puget Sound Starts Here (PSSH) logo to promote the regional effort.
STORM Regional Bus Advertising Campaign	General Public	Participated with other regional municipalities in the Puget Sound Starts Here month bus advertising campaign.
ECOSS Spill Kit Program	Business types included automotive, food service, manufacturing, property maintenance, and retail	Technical assistance on spill prevention, cleanup, and stormwater pollution prevention was provided to 73 businesses in 2019. 12% had employees that spoke English as a second language.
School Stormwater Education Program	Kindergarten through high school students	78 classes comprising 1,973 Auburn Kindergarten through 12th grade students were visited by professional educators who presented a selection of programs which used hands on activities and presentations to teach about stormwater and stormwater pollution prevention.
Sea to Stream Week	4th through 8th grade students	In 2019, the Sea to Stream program was expanded and saw 1,540 students over two weeks at Mary Olson Farm. Local fourth through eighth grade students learned about salmon preservation, stream ecology, native plants, Native American fishing technology, and watershed science at stations led by the Environmental Science Center, the Muckleshoot Indian Tribe, and the White River Valley Museum & Mary Olson Farm.
Comcast Spotlight, Puget Sound Starts Here "Certain Things Don't Mix" commercial series	General public	Auburn branded versions of the commercials were aired on TV21 through 2019.
Fundraising Carwash Program	Property owners / managers	City program emphasizes the sale of environmentally friendly carwash vouchers where cars are cleaned at a local commercial carwash. Carwash kits are also available to check out for preapproved sites.
Spring Cleaning - article	General public	Article on pollution prevention best management practices for pressure washing was included in the spring Auburn Magazine that was mailed to residences and businesses in Auburn.
Rain Drain Postcard	Homeowners in areas where illicit discharges are suspected	Postcards were mailed to residences and businesses in areas where illicit discharges had been identified.

When it Rains, It Pours video	General public	Link to Puget Sound Starts Here, Drain Rangers video on stormwater pollution prevention posted on the City's Storm Drainage Utility web page.

Response to Question 26a

City of Auburn 2019 Stewardship Summary

Event	Summary
Auburn Parks, Arts and Recreation Sponsored Stewardship Events	The Parks, Arts and Recreation Department, Mid Sound Fisheries Enhancement Group, and the Green River Coalition organized and led 2 events involving native plant planting, and invasive plant control at the Fenster Nature Park. Thirty four (34) volunteers in total attended the events.
Clean Sweep	88 volunteers helped with City led planting of native plants, mulching, and invasive plant removal at the Fenster Nature Park.

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    <Notes>ERTS 691979.  Report of soapy wastewater discharged to on-site storm 8 days earlier.
Spoke with employees of company who said they had had a spill. Reviewed business license
condition that nothing was to be discharged to the storm drainage system.</Notes>
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        <Explain>Repair side sewer break/plug.</Explain>
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    <Notes>ERTS 691965.  Report of sewage from apartment building leaking into lawn and flowing
into street over the last two years.  Apartment property management company hired a contractor
to find and repair break in side sewer.  City maintenance staff also removed a portion of a
pipe plug that was found farther downstream in the sewer line.</Notes>
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    <Notes>Gasoline spilled on street and in parking lot.  Absorbent applied and cleaned up.
Absorbent boom placed across downstream outfall, no fuel was detected at outfall.</Notes>
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    <Notes>Street sweeper on SR167 was sideswiped by a vehicle and began leaking fuel, took
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other garbage, applied and swept up absorbent for spilled oil.</Notes>
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Contractor cleaned downstream catch basins.</Notes>
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    <Notes>Report of a vehicle dripping oil onto street.  No vehicle was present.  There were a
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    <Notes>Report of oil spilled in alleyway behind 305 M St SE.  No evidence of spilled oil
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was observed.</Notes>
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    <Notes>Report that a private storm pond was over grown.  Site was inspected by the City and
found to be functioning as designed.</Notes>
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    <Notes>Transformer oil spill due to vehicle/pole accident.  Power company's contractor
cleaned up spilled material.</Notes>
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    <Notes>Waste grease dumped into plastic lined cardboard box and spilled into catch basin
due to waste grease machine being out of service.  Mess was cleaned up and the waste grease
machine was returned to service.</Notes>
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    <Notes>Report from staff of antifreeze draining from a plastics recycling facility.  No
discharge observed during site visit. Spoke with facility staff and they said green liquid had
been drained from a food grade barrel that was supposed to have been triple rinsed and dry.
They were unsure what the material was. Any future barrel draining will occur inside and go to
sanitary sewer.</Notes>
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    <Notes>Antifreeze spill from vehicle accident.  Absorbent applied and swept up.</Notes>
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        <Explain>Spill of unknown vehicle fluid dried or was absorbed into the road surface.
Non recoverable.</Explain>
      </Correction>
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    <Notes>Spill of unknown vehicle fluid dried or was absorbed into the road surface.  No
recoverable product.</Notes>
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    <Notes>Drips of hydraulic fluid from solid waste truck on road surface.  Waste hauler used
sweeper to clean the street.</Notes>
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    <Notes>Spill of oil and transmission fluid from vehicle accident.  Applied absorbent and
cleaned up.</Notes>
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    <Notes>Sheen on road surface.  Absorbent pads were placed at catch basin to absorb
sheen.</Notes>
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    <Notes>Spill from vehicle accident.  Applied absorbent and cleaned up.</Notes>
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      </Source>
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    <Notes>Fuel tank was punctured during theft of fuel.  Remaining fuel was left to drain onto
ground.  Absorbent applied and swept up.</Notes>
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    <Notes>Fuel tank was punctured during theft of fuel.  Remaining fuel was left to drain onto
ground.  Absorbent applied and swept up.</Notes>
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    <Notes>Fuel tank was punctured during theft of fuel.  Remaining fuel was left to drain onto
ground.  Absorbent applied and swept up.</Notes>
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    <Notes>Foam from a house fire response entered the storm conveyance system.  The system was
dry and no foam discharged to the river.  A vactor was used to collect foam from the street
surface and a catch basin.  Some foam was not recoverable due to the configuration of the
conveyance system.</Notes>
  </IDDEEvent>
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        <Explain>Discharge evaporated or soaked into the ground before entering catch
basin.</Explain>
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    <Notes>Investigated report of wash water draining from 231 D St NW into 2nd St NW.
Observed hose coming from bay door at SW corner of building and water along 2nd St NW.  Spoke
with manager (Doug) who said it might be from their washing machine, and that they also wash
parts and sometimes vehicles back there.  We notified his that wastewater from all of those
activities must drain to the sanitary sewer, not to the onsite storm system or into the street.
 He stated that they would work with the property owner to correct the problem.</Notes>
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    <Notes>Found what appeared to be evidence of paint residue in the piped storm conveyance
system.  Traced back to a yard drain serving two homes. Sent Rain Drain post cards to the two
homes informing them that only rain should go down the drain. Catch basin will be vactored to
remove paint and sediment from the storm system.</Notes>
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    <Notes>Can of paint spilled on road and entered a catch basin. Vactor truck was used to
clean the catch basin and road surface.</Notes>
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    <Notes>Report of 100 foot long oil spill associated with a homeless person living in a
vehicle on the side of the road.  Nothing was observed during investigation.</Notes>
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    <Notes>Used absorbent left on shoulder of road from an apparent auto accident.  Swept up
absorbent and disposed of it.  No impact to the MS4.</Notes>
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    <Notes>Spill of vehicle fluids from accident.  Absorbent applied, swept up, and disposed
of.</Notes>
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    <Notes>Dust from sand blasting falling on parking lot and washing into catch basins on
site.  Company will clean storm system and investigate using catch basin filters.
</Notes>
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    </Corrections>
    <Notes>Plaster from forms deposited on paved surface and tracked onto the public street.
The business is going to sweep the paved surfaces and clean the on-site storm system.</Notes>
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    <Notes>Report of white material, possible spill, at Roegner Park.  During investigation
contacted the RP and was told that the white material was in the White River.  Informed RP that
the river was naturally that color.
</Notes>
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    <Notes>Oil spilled onto street surface and a minor amount entered a catch basin.  The water
level was below the pipe invert so no oil went beyond the catch basin.  Oil absorbent pads and
absorbent were used to clean the street surface and catch basin.
</Notes>
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      <Correction type="6" />
    </Corrections>
    <Notes>Report that a container of oil had been put in a private dumpster and was leaking
onto ground.  No evidence of dumpster leaking was observed.  ERTS was forwarded to Solid Waste
division and waste hauler was notified.
</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191014182321303ChrisThorn</IncidentId>
    <DateReported>2019-10-11</DateReported>
    <DateResponseBegin>2019-10-11</DateResponseBegin>
    <DateResponseEnd>2019-10-11</DateResponseEnd>
    <Discovereds>
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    </Discovereds>
    <MS4Discharge>
      <Other>
        <Explain>Not in our jurisdiction.</Explain>
      </Other>
    </MS4Discharge>
    <Location>
      <Address>
        <Address>28225 West Valley Highway</Address>
        <City>Auburn</City>
        <PostalCode>98032</PostalCode>
      </Address>
    </Location>
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    </Pollutants>
    <Sources>
      <Source type="8" />
    </Sources>
    <Traces>
      <Trace type="0" />
    </Traces>
```

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    <Corrections>
      <Correction type="6" />
    </Corrections>
    <Notes>Received a report from the Puget Sound Regional Fire Authority of a truck in a ditch with a leaking fuel tank.  Determined that the accident was in King County so referred incident to their spill response unit.</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191014182724799ChrisThorn</IncidentId>
    <DateReported>2019-10-14</DateReported>
    <DateResponseBegin>2019-10-14</DateResponseBegin>
    <DateResponseEnd>2019-10-14</DateResponseEnd>
    <Discovereds>
      <Discovered type="2" />
    </Discovereds>
    <MS4Discharge>
      <YesNoNotice />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>5343 Randall Ave SE</Address>
        <City>Auburn</City>
        <PostalCode>98092</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="4" />
    </Pollutants>
    <Sources>
      <Source type="9" />
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="0" />
    </Corrections>
    <Notes>Bucket of cigarette butts dumped into ditch.  Cleaned up and thrown in trash.
</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191016211131149ChrisThorn</IncidentId>
    <DateReported>2019-10-15</DateReported>
    <DateResponseBegin>2019-10-16</DateResponseBegin>
    <DateResponseEnd>2019-10-16</DateResponseEnd>
    <Discovereds>
      <Discovered type="4" />
    </Discovereds>
    <MS4Discharge>
      <YesNoNotice />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>34396 56th Ave S</Address>
        <City>Auburn</City>
        <PostalCode>98001</PostalCode>
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      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="1" />
    </Pollutants>
    <Sources>
      <Source type="11">
        <Explain>Reportedly a dripping vehicle.</Explain>
      </Source>
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="7">
        <Explain>Added a couple absorbent pads to the catch basin.</Explain>
      </Correction>
    </Corrections>
    <Notes>Report of a vehicle dripping oil onto the street.  No vehicle was present.
Installed a couple absorbent pads into a catch basin to try to absorb the sheen running off the
street surface.</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191104185542075ChrisThorn</IncidentId>
    <DateReported>2019-11-04</DateReported>
    <DateResponseBegin>2019-11-04</DateResponseBegin>
    <DateResponseEnd>2019-11-04</DateResponseEnd>
    <Discovereds>
      <Discovered type="4" />
    </Discovereds>
    <MS4Discharge>
      <YesNoNotice />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>910 W Pl NW</Address>
        <City>Auburn</City>
        <PostalCode>98001</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="1" />
    </Pollutants>
    <Sources>
      <Source type="11">
        <Explain>Leaking 55 gallon drum</Explain>
      </Source>
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="0" />
    </Corrections>
    <Notes>ERTS report of diesel leaking from a 55 gallon drum onto the street.  Fire Dept
righted the drum to stop the leak and applied/cleaned up absorbent.  Drum owner was contacted
to remove the drum.  No diesel entered the downstream catch basin. </Notes>
```

```
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191106224228042ChrisThorn</IncidentId>
    <DateReported>2019-11-05</DateReported>
    <DateResponseBegin>2019-11-06</DateResponseBegin>
    <DateResponseEnd>2019-11-06</DateResponseEnd>
    <Discovereds>
      <Discovered type="2" />
    </Discovereds>
    <MS4Discharge>
      <NoNoneFound />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>202 8th St SE</Address>
        <City>Auburn</City>
        <PostalCode>98002</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="6" />
    </Pollutants>
    <Sources>
      <Source type="6" />
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="1" />
    </Corrections>
    <Notes>Received report of washwater draining to on-site storm system.  Investigated the
following day and found no evidence of discharge.  Spoke with employee and left information
about not washing equipment where it would discharge to storm.
</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191203144901188ChrisThorn</IncidentId>
    <DateReported>2019-12-02</DateReported>
    <DateResponseBegin>2019-12-02</DateResponseBegin>
    <DateResponseEnd>2019-12-02</DateResponseEnd>
    <Discovereds>
      <Discovered type="4" />
    </Discovereds>
    <MS4Discharge>
      <NoCleanedUp />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>5726 Auburn Way South</Address>
        <City>Auburn</City>
        <PostalCode>98092</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="10">
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        <Explain>Power transformer oil</Explain>
      </Pollutant>
    </Pollutants>
    <Sources>
      <Source type="7" />
      <Source type="11">
        <Explain>Vehicle power pole collision</Explain>
      </Source>
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="0" />
    </Corrections>
    <Notes>Vehicle ran into a Puget Sound Energy power pole which spilled transformer oil onto
the road surface.  Catch basins were protected with plastic and absorbent used to contain the
spill.  PSE's contractor cleaned the road surface and vactored the waste liquid for
disposal.</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191224173317997ChrisThorn</IncidentId>
    <DateReported>2019-12-20</DateReported>
    <DateResponseBegin>2019-12-20</DateResponseBegin>
    <DateResponseEnd>2019-12-20</DateResponseEnd>
    <Discovereds>
      <Discovered type="6" />
    </Discovereds>
    <MS4Discharge>
      <YesNotifiedECY />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>30210 56th Ave S</Address>
        <City>Auburn</City>
        <PostalCode>98001</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="3" />
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    <Sources>
      <Source type="5" />
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="2" />
    </Corrections>
    <Notes>High turbidity in discharge from a construction site during heavy rain event.
Contractor self reported to Ecology.  Construction stormwater inspector confirmed that
contractor addressed the problem.
</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
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    <IncidentId>191230182925910ChrisThorn</IncidentId>
    <DateReported>2019-12-26</DateReported>
    <DateResponseBegin>2019-12-26</DateResponseBegin>
    <DateResponseEnd>2019-12-26</DateResponseEnd>
    <Discovereds>
      <Discovered type="4" />
    </Discovereds>
    <MS4Discharge>
      <YesNoNotice />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>2905 C St SW</Address>
        <City>Auburn</City>
        <PostalCode>98002</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="8" />
    </Pollutants>
    <Sources>
      <Source type="11">
        <Explain>Fire fighting foam system mistakenly activated during training.</Explain>
      </Source>
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="1" />
    </Corrections>
    <Notes>While training, firefighters activated the foam system in a place that was not
originally intended, releasing a 20 ft. by 20 ft. swatch of Class A foam to a catch basin.
Remedial training was created and provided to the entire department regarding the properties of
foam and emphasizing that nothing but rain goes down storm drains.</Notes>
  </IDDEEvent>
  <IDDEEvent>
    <Jurisdiction>WAR045502</Jurisdiction>
    <IncidentId>191230232003920ChrisThorn</IncidentId>
    <DateReported>2019-12-30</DateReported>
    <DateResponseBegin>2019-12-30</DateResponseBegin>
    <DateResponseEnd>2019-12-30</DateResponseEnd>
    <Discovereds>
      <Discovered type="4" />
    </Discovereds>
    <MS4Discharge>
      <NoNoneFound />
    </MS4Discharge>
    <Location>
      <Address>
        <Address>12411 SE 282nd St</Address>
        <City>Auburn</City>
        <PostalCode>98092</PostalCode>
      </Address>
    </Location>
    <Pollutants>
      <Pollutant type="0" />
    </Pollutants>
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    <Sources>
      <Source type="7" />
    </Sources>
    <Traces>
      <Trace type="1" />
    </Traces>
    <Corrections>
      <Correction type="7">
        <Explain>No spilled material observed</Explain>
      </Correction>
    </Corrections>
    <Notes>ERTS report indicated that Ecology was called to an oil spill resulting from a
vehicle accident on 12/28/2019.  We followed up when we received the ERTS report and could see
no evidence of contaminated soil or sheen on the flowing ditch.
</Notes>
  </IDDEEvent>
</IDDEEvents>
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Response to Question 81

City of Auburn 2019 TMDL Compliance Summary

TMDL Name: WRIA 10 Puyallup Watershed Water Quality Improvement Program

Action Required	**Compliance Action**
Designate areas discharging via MS4 to the TMDL area as high priority areas for illicit discharge detection and elimination. Complete IDDE screening for bacteria sources in 100% of these sub-basins by July 31, 2024, and implement the schedules and activities identified in S5.C.5 of the Western Washington Phase II Permit in response to any illicit discharge found.	Evaluated the TMDL area to determine level of effort to complete IDDE screening by July 31, 2024. Identified areas to prioritize for asset inventory. Began dry weather outfall and drainage system inspections to look for evidence of illicit discharges.
Install and maintain pet waste education and collection stations at municipal parks and other Permittee owned and operated lands adjacent to streams. Focus on locations where people commonly walk their dogs.	Pet waste stations have been installed in parks within the TMDL area and are maintained by the Parks, Arts, and Recreation Department.