

CITY OF DAYTON

2022 / 2023

ANNUAL TMDL PROGRESS REPORT



Prepared By:
E and S Consulting, LLC
November 2023

Certification

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 the 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.



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ATTACHMENTS:

- A BMP Status
- B 2022 / 2023 TMDL Matrix
- C 2023 / 2024 TMDL Matrix

ACRONYMS

BMPs	Best Management Practices
City	City of Dayton
CESCL	Certified Erosion and Sediment Control Lead
CS	Construction Site Runoff
CWA	Clean Water Act
DEQ	(Oregon) Department of Environmental Quality
DMA	Designated Management Agency
ESCP	Erosion and Sediment Control Plan
EPA	United States Environmental Protection Agency
GH	Good Housekeeping in Municipal Operations
ID	Illicit Discharge Detection and Elimination
LID	Low Impact Development
LUCS	Land Use Compatibility Statement
MCM	Minimum Control Measure (aka Stormwater Controls)
NPDES	National Pollutant Discharge Elimination System
NPS	Nonpoint Sources (not under an NPDES permit)
NWI	National Wetland Inventory
OAR	Oregon Administrative Rules
ODA	Oregon Department of Agriculture
ODFW	Oregon Department of Fish and Wildlife
PC	Post-Construction Runoff Control in New and Re-development
PE	Public Education
PI	Public Involvement
SWPPP	Stormwater Pollution Prevention Plan
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
USGS	United States Geological Survey
WQMP	Water Quality Management Plan

Section 1 – Introduction

This document serves as the 2022/2023 Report Year Annual Report for the City of Dayton. Dayton has a population of 2,688 according to the 2022 U.S. Census Data information. This annual report has been written by the City’s consultant and reviewed and approved by the Dayton City Manager and staff.

The City of Dayton discharges stormwater to the Yamhill River, Palmer Creek, and other minor tributaries. The City is located in the Yamhill Subbasin in the Western portion of the Willamette Basin and drains portions of the Coast Range. The Yamhill River flows into the Willamette River to the east of Dayton.

1.1 Background

In March 2021, City of Dayton was notified that DEQ had included Dayton as a designated management agency (DMA) in the *2019 Revised Willamette Basin Mercury TMDL and WQMP*. The City hired a consultant in 2021 to assist with the development of their required TMDL Implementation Plan.

The completed plan was submitted to DEQ in August 2022. DEQ approved the plan on October 5, 2022. This report covers the implementation period from September 3, 2022 to October 31, 2023. According to the approval notification from DEQ, Dayton must:

- 1. Begin Plan implementation on Sept. 3, 2022.*
- 2. Implement the best management practice activities it has proposed in the updated Plan.*
- 3. Consult DEQ for approval on any changes to the Plan activities and timelines in advance.*
- 4. Monitor, document, and report on progress in implementing the provisions of the Plan:*
 - a. Submit annual reports to the Department by Dec. 1 each year. Reports should cover the previous months of implementation for November 1 through October 31.*
 - b. Submit complete reports. Reports must contain sufficient information to enable the Department to assess reporting metrics, measurable goals, compliance with the provisions of the Plan, progress, and delays and challenges, towards implementing the Plan for meeting the TMDL load allocation.*
- 5. TMDL implementation is an iterative process that continues every five years. The fifth report submittal, due on Dec. 1, 2027, must document 1 & 2 above and include information on the following: a. A comprehensive review of overall Plan implementation progress over the previous years (September 3, 2022, through October 31, 2027).*

1.2 Report Format

This report has been formatted with public and DEQ review in mind. Sections 1 through 8 of the report include a detailed accounting of program implementation for the review period of September 3, 2022 through October 31, 2023. The reported progress is described through control measures and associated BMPs and activities in the Sections that follow.

The required Public Education Evaluation is covered in Section 9. Program monitoring and any adaptive management activity documentation is found in Section 10, and Section 11 is the closing statement.

Appendix A, BMP Progress List, is an at-a-glance table listing the BMPs and the status as of October 31, 2023. The TMDL Implementation Plan matrix is attached as Appendix B. The matrix has been edited to include updates to language noted in red text. Any text proposed for removal is listed as a strikeout. The status column includes program progress for the report year. More detail for activities can be found in the narrative portion of this document. Finally, Appendix C is the revised matrix for Report Year 2, 2023/2024, and is the matrix the City will be working from for 2023/2024.

Section 2 – Program Strengths and Weaknesses

2.1 Program Strengths

The City of Dayton has had highs and lows when it comes to implementation progress this first year, but they have done a wonderful job of developing educational material and formatting their website, especially for a small community. The implementation plan is easy to find, and there are multiple selections for public education.

They have also used community activities to share educational messages with residents. For example, the City handed out brochures at their annual Spring Clean-Up event. They have utilized social media in a useful way and have made the effort to develop material in Spanish as well as English. They have educational material available at City Council meetings and they have submitted articles for the *Ferry Street News* in both March and June 2023.

As will be documented in this report, the City has had some significant shortfalls in implementing their program. However, on a positive note, staff has started working on activities that will likely address some of the existing deficiencies. They have developed a plan to initiate recordkeeping for the Construction Site Run control measure, as well as a routine activity that will require regular progress updates. The latter should address the issue of having the plan lie dormant for months.



2023 Dayton Spring Clean-up

2.2 Program Weaknesses

As is the case with other municipalities, it takes time to look at TMDL implementation as a 24/7 program. While Dayton has had good success with control measures such as public education, there are a number of areas where it is apparent there has been a lack of attention.

New development has occurred within the City. Staff has obtained CESCL certification which is commendable, but there were no records submitted regarding communication with developers. Staff has taken advantage of other training opportunities, but little implementation of new practices has been documented.

The City has had a stressful year in regard to maintaining staff and finding qualified personnel. They have often been shorthanded. However, the implementation program is a requirement and staff will need to make the BMPs in the plan a priority. In addition, adequate funding needs to be secured. It appears as though budgetary shortfalls and staffing levels may be partially responsible for the lack of progress. As was stated in subsection 2.1, the City is actively engaged in activities to rectify program deficiencies.

Section 3 – Public Education

3.1 Overview

The City has developed an attractive website that has good resource materials for the public. They are using social media, handouts at local events, and promotional items to education

citizens. As far as this control measure goes, the only outstanding issue is that there needs to be an emphasis on the target audiences listed in their plan.



Dayton Pet waste Disposal Bag

3.2 BMP Progress

PE-1 A resource guide of educational messages suitable for brochures, handouts, and social media was completed and delivered to the City in March 2023. The guide also covered useful messaging and an overview of mercury.

PE-2 The City website, specifically the TMDL page, represents very good progress for a new DMA. [Total Maximum Daily Load \(TMDL\) \(daytonoregon.gov\)](https://www.daytonoregon.gov/TMDL) Staff has even posted educational materials in Spanish. The City will work toward providing target audience specific information in subsequent years.

PE-3 No progress occurred on this BMP for 2022/2023. No specific activities were planned or conducted for students.

PE-4 The City hosts an annual summer event called 'Friday Nights' This event was used in the summer of 2023 to distribute educational material to the public. The schedule for the event is listed on the website [FRIDAY NIGHTS \(daytonoregon.org\)](https://www.daytonoregon.org/FRIDAY-NIGHTS) The City has also utilized the Ferry Street News with educational articles in both March and June 2023.

PE-5 Brochures have been printed and used for distribution at the City Hall and Library. The City also handed out brochures at the annual citywide Spring Clean-up.

PE-6 Pet waste stations are being monitored and refilled with pet waste bags. The City has also purchased promotional pet waste bags to distribute at local events.



Section 4 – Public Involvement

4.1 Overview

The City has done a good job of keeping their website up-to-date with resource related materials for citizens. They have information in Spanish and English. The TMDL Implementation Plan is posted. No significant progress has occurred on the other BMPs for this control measure.

4.2 BMP Progress

PI-1 The City website has the original TMDL Implementation Plan available for review. The City has been notified that this annual report will need to be posted as well.

PI-2 The City Council viewed a PowerPoint presentation relating to the TMDL Program on October 17, 2022. No additional work with the elected officials has occurred since that event.

PI-3 No progress was reported for storm drain marking this report year.

Section 5 – Illicit Discharge Detection and Elimination

5.1 Overview

Staff has taken advantage of regional training opportunities covering material related to this control measure, but limited progress has occurred for the other BMPs. A form was developed

to take citizen complaints, there are no records available for responding to any potential environmental issues

5.2 BMP Progress

ID-1 There was no progress on development of a City GIS system for the report year. Currently the City Engineer makes edits on a digital map and provides hard copies for City staff to use.

ID-2 A form was developed to take citizen complaints for potential illegal activity. There is a place to report issues on the City website to which Code Enforcement responds

ID-3 There was no progress on development of an ID ordinance for the report year.

ID-4 Evaluation of allowed non-stormwater discharges was not addressed this report year, but staff did have the opportunity to learn what is involved at a training held on August 31, 2023 as part of a multi-agency event to discuss operational activities.

ID-5 No progress was made on development of the enforcement response plan. This plan will likely be developed with the ordinance.

ID-6 Staff training was held on August 31, 2023 that covered illicit discharge, construction site runoff, and post-construction elements. Topics such as evaluation of City activities was covered, as well as incident response, spill kit availability, as well; as maintenance and clean-up practices.

Section 6 – Construction Site Runoff

6.1 Overview

Dayton personnel took advantage of good regional training this report year. Staff were able to attend a local training for field operations at Marion County Public Works, in addition to obtaining CESCL certification. The weaknesses related to this control measure are in recordkeeping, and documented communication with the development community, but the City has plans to repair this issue in 2023/2024. See subsection 10.1.

6.2 BMP Progress

CS-1 1200-C notice to developers was expected to occur this year, but no records were kept. An educational brochure was developed for staff to distribute.

CS-2 A guidance manual was not completed this report year, but staff has access to a guide they can use that is suitable. The document is pocket-sized, waterproof, and includes

material such as product installation guidelines, suitable materials, and resources for field personnel.

CS-3 No progress occurred on development of an ordinance for this control measure.

CS-4 No progress occurred on development of an enforcement response plan.

CS-5 No recordkeeping materials or numbers were submitted for the report year.

CS-6 The Staff at the City of Dayton have had several erosion control trainings during the report year including having obtained CESCL certification. In addition to the CESCL training, staff attended an event in Marion County in March 2023 covering the field elements for this control measure. They also attended the training on August 31, 2023. Topics discussed included 1200-C and 1200-CN elements, use of Your DEQ Online (YDO), plan review, maintenance BMPs, and additional training opportunities

Section 7 – Post-Construction Runoff Control

7.1 Overview

As is the case with other control measures, training was obtained for personnel with little progress on the other BMPs.

7.2 BMP Progress

PC-1 No significant progress has occurred with the City Engineer for revising Design standards.

PC-2 No progress or planning has occurred for long term maintenance of stormwater control facilities.

PC-3 The staff training for this control measure was included in the August 31st event covered in previous sections of this report. Topics such as long-term maintenance, inventory, and function of LID features were discussed. Also, pre and post development issues were covered as well as a general refresher on the water cycle.

PC-4 No progress on a retrofit ditch project was completed during the report year.

Section 8 – Good Housekeeping in Municipal Operation

8.1 Overview

The City has had some success in this control measure although there is room for improvement. A GH Manual was developed, and training has occurred. There has been no evaluation of current Public Works practices.

8.2 BMP Progress

GH-1 The City has a new (draft) Final Good Housekeeping Manual. The contents are easy read, and should provide support for water quality minded activities in operational work. Activities are listed in each section with potential pollutant issues, BMPs that should be utilized, and actions to take if there is a problem.

For 2023/2024 City staff will add appropriate inspection schedules and recordkeeping documents. The document is suitable to begin using.

GH-2 The City conducts street sweeping on the 1st and the 3rd weeks of the month.

GH-3 Catch basin cleaning is conducted in the City by Public Works personnel. The number of facilities cleaned was not recorded this report year.

GH-4 No progress was made reaching an agreement of maintenance of the boat ramp in Dayton.

Section 9 – Public Education Evaluation

The WQMP states that *“the DMA must assess their progress toward implementation of the program [Public Education], including a qualitative evaluation of at least one education and outreach activity corresponding to the reporting timeframe for the associated TMDL Annual Report.”* This portion of the report includes the required evaluation.

As was documented in Section 3 of this annual report, the City has done a very good job of providing quality educational materials to the community. There are many larger DMAs that could make use of the format, and content utilized by the City for this control measure. Staff used the website for resource materials in both English and Spanish.

While work on this control measure has been very good, the primary shortfall in the program is that the City will need to address the target audiences listed in the plan in order to reach a wider audience. The website should include resource materials for each group

Because Dayton has exiting personnel that has the ability to design and organize eye-catching material, it would be beneficial to design robust outreach materials in 2023/2024 to allow for the

additional workload that completion of other control measures will bring. Offering materials in Spanish is also a significant accomplishment, and elevated translation efforts will serve the City well moving forward.

WHAT HAPPENS TO RAIN AND OTHER WATER ON THE STREET?

- Rainfall, sprinkler, and hosewater enters a catch basin
- These liquids are transported through pipes
- All liquids collected in basins are discharged into a stream
- Liquids flowing into our streams are not treated. Never dump chemicals, litter, oil, or other contaminants in the street.

NOTHING IN THE DRAIN BUT RAIN!

April is National Pet Fitness Month!

- Grab the leash and get outside with your best buddy!
- Be a good neighbor and always pick up after your pet - even in the backyard.
- Without proper disposal, pet waste can make its way to local waterways.

Do your part, and have a good walk!

Dayton Facebook Post

Section 10 – Program Monitoring / Adaptive Management

10.1 Monitoring

This portion of the yearly review covers required performance monitoring for the Dayton TMDL Program implementation. In addressing the 6 control measures for report year 2022/2023 the City has had mediocre success overall.

As discussed in Section 2 of this report, the City has struggled with staffing levels for this first year of implementation. Minor changes have been included to the 'milestone' portion of the report, see Appendix B, but no major changes are proposed. With a new staff, and personnel trying to absorb the foundation of the program, any significant changes might further hamper progress. The City does intend to work toward ending Report Year 2 with more successful implantation markers.

Recordkeeping in the City of Dayton has not consistently occurred. This situation needs to be resolved right away especially related to illicit discharge and construction site runoff, although an activity is being planned to remedy the latter. See Construction Site Runoff below.

Program funding was not carefully evaluated for the first year of implementation. Unfortunately, the City was not able to provide funding for consultant services for important components such as program evaluation, adaptive management, and financial planning for subsequent years.

Public Education

See Section 3 and Section 9. Efforts on this measure exceed expectations.

Public Involvement

The City arranged for a presentation to City Council, held on October 17, 2022, shortly after the implementation plan was approved by DEQ. No additional activity has been planned to keep the Council informed.

Illicit Discharge

Training is very important for this control measure and the City achieved that goal for the review year. However, there was a general lack of progress overall with little to no progress on other BMPs. With illicit discharge being the foundation for a good stormwater program, the City will need to devote significant attention to this measure in the coming year.

Construction Site Run-off

As was noted under illicit discharge, training occurred for this control measure, but there is little else to evaluate. Recordkeeping did not occur overall which is a weighty shortfall. Dayton will need to dial recordkeeping in next year.

With an eye on improving recordkeeping in this control measure, staff has planned to add a TMDL sheet to each building permit application packet which will initiate the discussion with the developer. From that, an online form will be completed in house by the building permit specialist when a building permit is submitted. This will be the initial input into a database. This form once submitted will then automatically email Public Works, City Recorder, and the City Manager.

Post-Construction Run-off Control

Again, the training BMP was accomplished for this control measure, but little else.

Good Housekeeping

As has been consistently covered, the City obtained training for this BMP, but failed to follow through on the nuances of the measure that would normally document progress. Evaluation and growth needs to occur by making certain that everyone understands the specifics of each BMP.

10.2 Adaptive Management

Thoughtful adaptive management has not been applied to this program after a less than exemplary showing for the first year of implementation. Adaptive management is crucial for program development and making certain that activities are tailored to help staff be successful. Lack of funding did not allow for guidance to the City on this element. The City has had discussions on shortfalls in the program recently and if those measures are carried forward Dayton will see a real improvement in 2023/2024.

Section 11 – Closing Statement

Dayton has the capability of having a good program despite their small size. They have invested in equipment and training, but they remain focused on harvesting low hanging fruit rather than putting adequate time into managing this program. Recordkeeping is not being addressed. Careful planning and proper funding will need to be addressed in order to see more success in the future.

BMP Progress List 2022/2023

BMP	Description	BMP Completed 22/23 – Y/N
PE-1	Develop a resource portfolio of outreach messages for the identified target audiences.	Yes
PE-2	Maintain a website to post the most current TMDL information	Yes
PE-3	Provide educational opportunities and material to students	No
PE-4	Print brochures for City Hall and Library	Yes
PE-5	Use local festival and events to promote water quality minded activities	Yes
PE-6	Maintain and stock pet waste stations (voluntary activity)	Yes
PI-1	Maintain a website to post the most current environmental educational information	Yes
PI-2	Annual presentation to City Council	Progress
PI-3	Utilize community groups to mark catch basins and include an educational element	No
ID-1	Develop a GIS map of the stormwater conveyance system	No
ID-2	Develop a mechanism to take citizen reports and respond	Progress
ID-3	Develop, implement, and enforce a program to detect and eliminate illegal discharges into the stormwater system	No
ID-4	Evaluate prohibited and allowed discharges to determine what applies to Dayton	No
ID-5	Develop and enforcement response plan (see CS and PC)	No
ID-6	Annual employee training	Yes
CS-1	Familiarize key staff with the 1200-C program. Provide notice to developers when a 1200-C permit is needed and notice DEQ	Progress
CS-2	Develop a guidance manual and resource guide	Progress
CS-3	Develop a city erosion control management program including regulatory ordinance	No
CS-4	Develop an enforcement (see ID and PC) response plan	No
CS-5	Recordkeeping	No
CS-6	Staff training	Yes
PC-1	Update design standards to require onsite management of stormwater consistent with DEQ requirements	No
PC-2	Develop and implement a long term maintenance program for Post Construction facilities	No
PC-3	Staff training	Yes
PC-4	Ditch rehabilitation. Install infiltration type facilities in selected facilities	No
GH-1	Develop a Good Housekeeping Manual	Yes
GH-2	Develop or continue to implement a street sweeping program	Progress
GH-3	Develop a catchbasin cleaning program and implement	Progress
GH-4	Reach an agreement with Yamhill County about management of Boat Ramp	No

	Complete annual reports	Yes
	Evaluate public education activities according to WQMP	Yes
	Annually evaluate implementation efforts and program progress (monitoring)	Yes
	Complete 5 th Year Assessment and Evaluation (2027)	n/a

ANNUAL REPORT - APPENDIX B

City of Dayton TMDL IMPLEMENTATION PLAN MATRIX 2022 – 2027 Report Year 1 Sept 3, 2022 – Oct 31, 2023								
POLLUTANT: Mercury MCM #1 Public Outreach								
BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
PE-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop a portfolio of educational messages	To be used over the 5 yr term for website, social media, etc	Included in budget for consulting services	Complete the BMP and keep material used. Report to DEQ	2021/2023	Complete the portfolio. Add new educational messages	Complete. Materials such as brochures, handouts, and social media posts were designed with appropriate content for use for PE messaging
PE-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Maintain a website to post the most current TMDL information	Utilize materials developed for the portfolio	Minimal fiscal impact	Maintain a list of what was used on the website and report to DEQ	Occurs each year starting in 2022/23	Keep material posted to the website throughout the implementation term	The City has posted numerous educational documents and has used social media for outreach. The City has done a great job on this control measure
PE-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Provide educational opportunities and material to students	Classroom or field presentations	Small fund for promotional items or fees	Number of students, speaker, topic and dates reported to DEQ annually	Occurs each year starting in 2024/2025	Contact teachers and speakers. Develop a list to be used on an ongoing basis	<i>No significant progress has occurred for this BMP</i>
PE-4	Runoff from soil disturbance and direct discharge to waterway from riparian area	Print brochures for City Hall and Library, and outreach events	Utilize material developed from education portfolio PE-2	Small cost for printing	Report on what material is used annually	Occurs each year starting in 2021/22	Restock and change messages. Continue to make use of Spring Clean-up event	Brochures printed for City Hall in Sept 2022. The website has resource material and social media has been utilized

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
PE-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Use local festival and events to promote water quality minded activities	Have a booth or station with promotional items	Small cost for promotional items	Report on outreach and education efforts to DEQ annually	Occurs each year starting in 2023/2024	Develop outreach events and promotional items	The City used the 'Friday Nights' events and the Spring Clean-up to distribute outreach material. The Friday Nights schedule for 2023 is located on the City website
PE-6	(Bacteria)	Maintain and stock pet waste stations (voluntary activity)	Develop a re-stocking schedule	Cost of pet waste bags in existing budget	Document activities in annual report	Occurs each year starting in 2022/2023	Continue to stock pet waste stations	There are 6 stations in the City and they are checked weekly. The City has also obtained promotional pet waste bags for residents
MCM #2 Public Involvement								
PI-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Utilize the website to give the public an opportunity to design the TMDL Plan	Post the TMDL Plan on the City website	Minimal fiscal impact	Post the plan in 2022 and post plan reports submitted to DEQ annually	Commence in 2022. Update annually	Keep the plan and annual reports on the website. Update regularly	TMDL Plan posted on the City's website 08/23/22. A page devoted to Mercury is included on the website
PI-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Educate City Council	Presentation	Staff time	Track dates, questions, and topics and report annually	Occurs each year starting in 2021/2023	Develop topic list to be reviewed and adjusted as needed	Presentation to council on 6/21/21. Presentation with City Council occurred on 10/17/22
PI-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Utilize a volunteer group to install catch basin markers	Around the central park and the main portion of town	Minimal cost for medallions	Report activity in yearly progress report	2024	Track installation date and number of markers	<i>No significant progress has occurred on this BMP</i>

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
MCM #3 Illicit Discharge and Detection								
ID-1	Discharge to storm system and local waterways	Develop a map of the stormwater conveyance system	Consider using the COG to develop a GIS database	Establish in budget	Document annual progress	2025/2026	Determine how the work will be accomplished in 2022/2023	Updates are made on a hard copy map and the City engineer incorporates changes and prints a new map periodically. No progress has occurred on transitioning to GIS
ID-2	Discharge to storm system and local waterways	Develop a mechanism to take citizen reports and respond	Post a phone number on the website	Staff time	Document progress and findings from calls in each annual report	To occur each year starting in 2023/2024	Develop a process that allows for customer reporting	The City has a 'Report a Complaint' form on the website which is monitored by the Code Enforcement Officer.
ID-3	Discharge to storm system and local waterways	Develop, implement, and enforce a program to detect and eliminate illegal discharges into the stormwater system	Develop an ordinance that prohibits illegal discharges	Staff time	Document annual progress	Complete draft ordinance by 2027	1. Explore ordinances from other municipalities 2. Discuss with City Council	<i>No significant progress has occurred on this BMP</i>
ID-4	Discharge to storm system and local waterways	Evaluate prohibited and allowed discharges to determine what applies to Dayton	For allowed non-stormwater discharges, develop operation activities to reduce potential water quality issues	Staff time	Document annual progress	2023/2024	Evaluate activities to determine if activities need to be adjusted	<i>No evaluation has occurred</i>

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
ID-5	Discharge to storm system and local waterways	Develop and enforcement response plan (see CS and PC)	Develop an integrated response plan	Staff time	Document progress in yearly report to DEQ	Complete by 2028	Develop the escalating enforcement response plan	<i>No progress on this BMP</i>
ID-6	Discharge to storm system and local waterways	Annual employee training	Utilize guest speakers, knowledgeable staff, etc	No fiscal impact	Document progress to DEQ annually	To occur annually starting in 2022/2023	Consultant to conduct Year 1 training	Training held on August 31, 2023. E and S Consulting and CWT Training facilitated the training. ID response, tracking, enforcement, and recordkeeping was discussed.
MCM #4 Construction Site Runoff								
CS-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Familiarize key staff with the 1200-C program. Provide notice to developers when a 1200-C permit is needed and notice DEQ	Utilize material and knowledge from other municipalities, attend regional training, etc.	Small budget for training	Document activities and progress in annual report	2024/2025	Develop a notification process in Year 1. Look at other small agencies covered under the 1200-CN	Brochure completed for development community. CESCL certification was obtained by at least 1 Public Works employee on Oct. 27, 2023.
CS-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop a guidance manual and resource guide	The manual is to be utilized by staff to provide erosion control basics before full program implementation	Budget for consulting services	Distribute manual and document progress to DEQ	2022/2023 2023/2024	Complete the manual or make use existing resources such as DEQ, or other agencies	The manual was not completed due to lack of funding. However, staff that obtained CESCL certification were given an erosion control field guide that is comprehensive and useful.

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
CS-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop a city erosion control management program including regulatory ordinance	Develop an ordinance and program that is consistent with the 1200-CN	Staff time	Document annual progress in yearly report	Complete in 2028	Complete ordinance by 2028	<i>No progress on this BMP</i>
CS-4	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop an enforcement (see ID and PC) response plan	Develop an integrated response plan	Staff time	Include findings and progress in annual report	Complete no later than 2009 change to 2029	Develop the escalating enforcement response plan	<i>No progress on this BMP</i>
CS-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Recordkeeping	Utilize a database for pending, open, and closed projects	Staff time	Include findings and progress in annual report	Commence in 2022/2023	Develop the recordkeeping process and implement	<i>No records were completed for this BMP</i>
CS-6	Runoff from soil disturbance and direct discharge to waterway from riparian area	Staff training	CESCL for lead inspector and certification and annual training	Staff time	Document annual activities and provide to DEQ in annual report	Commence in 2022/2023	Document annual training including date, topic, and # of employees	CESCL certification obtained 10/27/23. Field training at Marion Co. event 3/15/23 Training also occurred on 8/31/23
MCM #5 Post-Construction Runoff Control in New and Re-development								
PC-1	Runoff from soil disturbance and impervious surfaces	Update design standards to require onsite management of stormwater consistent with DEQ requirements	Use DEQ regulations to set standards. Utilize other agency material	Utilize an engineering firm	Document annual activities	Complete no later than 2031	Maintain records of activities associated with this BMP	<i>No progress on this BMP</i>

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
PC-2	Runoff from soil disturbance and impervious surfaces	Develop and implement a long term maintenance program for Post Construction facilities	Utilize other agencies resources if possible, such as CWS	Staff time	Document annual activities	Complete no later than 2030	Develop the maintenance program	<i>No progress on this BMP</i>
PC-3	Runoff from soil disturbance and impervious surfaces	Staff training	Training will occur annually to enhance knowledge	Training budget	Document training dates and topics	Annual training 2023/2024	Training to commence in 2023/24	Comprehensive training held on August 31, 2023. Multiple agencies attended. Infiltration, water cycle, pre-development, facility design, and maintenance were discussed.
PC-4	Apply LID in existing features	Ditch rehabilitation. Install infiltration type facilities in selected facilities	Retrofit selected portions of ditch system to encourage infiltration and treatment	Cost for supplies such as plants, soil amendments, etc	Document annual activities	2026/2027	Complete inventory and select appropriate sites.	<i>No progress on this BMP</i>
MCM #6 Good Housekeeping in Municipal Operations								
GH-1	Discharge from City managed activities	Develop a Good Housekeeping Manual	Review and revise the manual every 5 years	Staff time	Describe progress in yearly report	2024/2025	Complete manual by customizing for Dayton. Add additional inspections sheets	A draft final manual has been developed in 2022/2023
GH-2	Discharge from City managed activities	Develop or continue to implement a street sweeping program	Develop a process and implement	This activity can be contracted	Describe process in yearly report	2024/2025	Assess options that will have the best outcome	The City has a street sweeper and operates on the 1 st and 3 rd weeks of the month

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
GH-3	Discharge from City managed activities	Develop a catchbasin cleaning program and implement	Develop a process and implement	This activity can be contracted	Describe process in yearly report	2024/2025	The goal will be to clean 40% of catchbasins annual	Catchbasin cleaning is being tracked, but no inventory or total cleaned data was collected for the year.
GH-4	Discharge from City owned property	Reach an agreement with Yamhill County about management of Boat Ramp	Utilize Consultant to start the conversation	Staff time	Report outcome to DEQ	2024/2025	Develop an agreement that the area will be maintained with water quality BMPs	<i>No progress on this BMP.</i>
Other Regulatory Requirements								
		Annual Report	Consultant to develop the first annual report	Consultant	Submit to DEQ by 2023 due date	2022/2023	Complete the plan	Completed for 2022/2023
		PE Assessment and Evaluation	Review outreach efforts and collected data	Consultant	Submit to DEQ by 2023 due date	2022/2023	Consultant will work with staff for this BMP	Completed for 2022/2023
		Program Evaluation	Performance monitoring	Consultant	Submit to DEQ by 2023 due date	2022/2023	Consultant will work with staff for this BMP	This activity was completed by the consultant for 2022/2023
		5 th Year Evaluation	Follow instructions from DEQ	Staff time	Submit to DEQ by the required date	2027 or as determined by DEQ	Review and correlate all records from the 5 year term	

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City of Dayton TMDL IMPLEMENTATION PLAN MATRIX 2022 – 2027 Report Year 2 / November 1, 2023 – Oct 31, 2024								
POLLUTANT: Mercury MCM #1 Public Outreach								
BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
PE-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop a portfolio of educational messages	To be used over the 5 yr term for website, social media, etc		Complete the BMP and keep material used. Report to DEQ	2021/2023	Complete the portfolio. Add new educational messages	
PE-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Maintain a website to post the most current TMDL information	Utilize materials developed for the portfolio	Minimal fiscal impact	Maintain a list of what was used on the website and report to DEQ	Occurs each year starting in 2022/23	Keep material posted to the website throughout the implementation term	
PE-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Provide educational opportunities and material to students	Classroom or field presentations	Small fund for promotional items or fees	Number of students, speaker, topic and dates reported to DEQ annually	Occurs each year starting in 2024/2025	Contact teachers and speakers. Develop a list to be used on an ongoing basis	
PE-4	Runoff from soil disturbance and direct discharge to waterway from riparian area	Print brochures for City Hall and Library, and outreach events	Utilize material developed from education portfolio PE-2	Small cost for printing	Report on what material is used annually	Occurs each year starting in 2021/22	Restock and change messages. Continue to make use of Spring Clean-up event	

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
PE-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Use local festival and events to promote water quality minded activities	Have a booth or station with promotional items	Small cost for promotional items	Report on outreach and education efforts to DEQ annually	Occurs each year starting in 2023/2024	Develop outreach events and promotional items	
PE-6	(Bacteria)	Maintain and stock pet waste stations (voluntary activity)	Develop a re-stocking schedule	Cost of pet waste bags in existing budget	Document activities in annual report	Occurs each year starting in 2022/2023	Continue to stock pet waste stations	
PI-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Utilize the website to give the public an opportunity to design the TMDL Plan	Post the TMDL Plan on the City website	Minimal fiscal impact	Post the plan in 2022 and post plan reports submitted to DEQ annually	Commence in 2022. Update annually	Keep the plan and annual reports on the website. Update routinely	
PI-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Educate City Council	Presentation	Staff time	Track dates, questions, and topics and report annually	Occurs each year starting in 2021/2023	Develop topic list to be reviewed and adjusted as needed	
PI-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Utilize a volunteer group to install catch basin markers	Around the central park and the main portion of town	Minimal cost for medallions	Report activity in yearly progress report	2024	Track installation date and number of markers	

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
MCM #3 Illicit Discharge and Detection								
ID-1	Discharge to storm system and local waterways	Develop a map of the stormwater conveyance system	Consider using the COG to develop a GIS database	Establish in budget	Document annual progress	2025/2026	Determine how the work will be accomplished in 2022/2023	
ID-2	Discharge to storm system and local waterways	Develop a mechanism to take citizen reports and respond	Post a phone number on the website	Staff time	Document progress and findings from calls in each annual report	To occur each year starting in 2023/2024	Develop a process that allows for customer reporting	
ID-3	Discharge to storm system and local waterways	Develop, implement, and enforce a program to detect and eliminate illegal discharges into the stormwater system	Develop an ordinance that prohibits illegal discharges	Staff time	Document annual progress	Complete draft ordinance by 2027	1. Explore ordinances from other municipalities 2. Discuss with City Council	
ID-4	Discharge to storm system and local waterways	Evaluate prohibited and allowed discharges to determine what applies to Dayton	For allowed non-stormwater discharges, develop operation activities to reduce potential water quality issues	Staff time	Document annual progress	2023/2024	Evaluate activities to determine if activities need to be adjusted	

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
ID-5	Discharge to storm system and local waterways	Develop and enforcement response plan	Develop an integrated response plan	Staff time	Document progress in yearly report to DEQ	Complete by 2028	Develop the escalating enforcement response plan	
ID-6	Discharge to storm system and local waterways	Annual employee training	Utilize guest speakers, knowledgeable staff, etc	No fiscal impact	Document progress to DEQ annually	To occur annually starting in 2022/2023	Consultant to conduct Year 1 training	
MCM #4 Construction Site Runoff								
CS-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Familiarize key staff with the 1200-C program. Provide notice to developers when a 1200-C permit is needed and notice DEQ	Utilize material and knowledge from other municipalities, attend regional training, etc.	Small budget for training	Document activities and progress in annual report	2024/2025	Develop a notification process in Year 1. Look at other small agencies covered under the 1200-CN	
CS-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop a guidance manual and resource guide	The manual is to be utilized by staff to provide erosion control basics before full program implementation	Budget for consulting services	Distribute manual and document progress to DEQ	2023/2024	Complete the manual or make use existing resources such as DEQ, or other agencies	
CS-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop a city erosion control management program including regulatory ordinance	Develop an ordinance and program that is consistent with the 1200-CN	Staff time	Document annual progress in yearly report	Complete in 2028	Complete ordinance by 2028	

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
CS-4	Runoff from soil disturbance and direct discharge to waterway from riparian area	Develop an enforcement (see ID and PC) response plan	Develop an integrated response plan	Staff time	Include findings and progress in annual report	Complete no later than 2029	Develop the escalating enforcement response plan	
CS-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Recordkeeping	Utilize a database for pending, open, and closed projects	Staff time	Include findings and progress in annual report	Commence in 2022/2023	Develop the recordkeeping process and implement	
CS-6	Runoff from soil disturbance and direct discharge to waterway from riparian area	Staff training	CESCL for lead inspector and annual training for staff	Staff time	Document annual activities and provide to DEQ in annual report	Commence in 2022/2023	Document annual training including date, topic, and # of employees	
MCM #5 Post-Construction Runoff Control in New and Re-development								
PC-1	Runoff from soil disturbance and impervious surfaces	Update design standards to require onsite management of stormwater consistent with DEQ requirements	Use DEQ regulations to set standards. Utilize other agency material	Utilize an engineering firm	Document annual activities	Complete no later than 2031	Maintain records of activities associated with this BMP	
PC-2	Runoff from soil disturbance and impervious surfaces	Develop and implement a long term maintenance program for Post Construction facilities	Utilize other agencies resources if possible, such as CWS	Staff time	Document annual activities	Complete no later than 2030	Develop the maintenance program	

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BMP#	Source <i>What source is being addressed? (ex. runoff from construction sites, riparian condition)</i>	Strategy <i>What will be done to control or reduce pollutant from source?</i>	How <i>Specifically, how will this be done?</i>	Fiscal Considerations <i>How is the BMP funded? (ex. In the 2023 budget, grant, etc.)</i>	Measure <i>How will successful implementation or completion be measured?</i>	Timing <i>When will the strategy be completed?</i>	Milestone <i>What intermediate goals will be achieved and by when to know what progress is being made?</i>	Status
PC-3	Runoff from soil disturbance and impervious surfaces	Staff training	Training will occur annually to enhance knowledge	Training budget	Document training dates and topics	Annual training 2023/2024	Training to commence in 2023/24	
PC-4	Apply LID in existing features	Ditch rehabilitation. Install infiltration type facilities in selected facilities	Retrofit selected portions of ditch system to encourage infiltration and treatment	Cost for supplies such as plants, soil amendments, etc	Document annual activities	2026/2027	Complete inventory and select appropriate sites.	
MCM #6 Good Housekeeping in Municipal Operations								
GH-1	Discharge from City managed activities	Develop a Good Housekeeping Manual	Review and revise the manual every 5 years	Staff time	Describe progress in yearly report	2024/2025	Complete manual by customizing for Dayton. Add additional inspections sheets	
GH-2	Discharge from City managed activities	Develop or continue to implement a street sweeping program	Develop a process and implement	This activity can be contracted	Describe process in yearly report	2024/2025	Assess options that will have the best outcome	
GH-3	Discharge from City managed activities	Develop a catchbasin cleaning program and implement	Develop a process and implement	This activity can be contracted	Describe process in yearly report	2024/2025	The goal will be to clean 40% of catchbasins annually	
GH-4	Discharge from City owned property	Reach an agreement with Yamhill County about management of Boat Ramp	Utilize Consultant to start the conversation	Staff time	Report outcome to DEQ	2024/2025	Develop an agreement that the area will be maintained with water quality BMPs	

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Administrative Activities								
		Annual Report	Consultant to develop the first annual report	Consultant	Submit to DEQ by 2023 due date	2023/2024	Complete the plan	
		PE Assessment and Evaluation	Review outreach efforts and collected data	Consultant	Submit to DEQ by due date	2023/2024	Consultant will work with staff for this BMP	
		Program Evaluation	This is performance monitoring and will be completed through annual review of the program	Consultant	Submit to DEQ	2023/2024	Consultant will work with staff for this BMP	
		5 th Year Evaluation	Follow instructions from DEQ	Staff time	Submit to DEQ by the required date	2027 or as determined by DEQ	Review and correlate all records from the 5 year term	