

2022/2023 TMDL Annual Report

City of Falls City, OR

11/30/2023
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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.



A.J. Foscoli, City Manager
Falls City, OR

ACRONYMS

BMPs	Best Management Practices
City	City of Falls City
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
IDDE	Illicit Discharge Detection and Elimination
LID	Low Impact Development
LUCS	Land Use Compatibility Statement
LWI	Local Wetland Inventory
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
SWMP	Stormwater Management Plan
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
UIC	Underground Injection Control Device
USGS	United States Geological Survey
WQMP	Water Quality Management Plan

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ATTACHMENTS:

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

Section 1 Introduction

1.1 Introduction

This document serves as the 2022/2023 Report Year Annual Report for the City of Falls City. According to the 2020 census, Falls City's population is 1068. This annual report has been written by the City's consultant and reviewed and approved by the Falls City Public Works Director and City staff.

Falls City discharges to Little Luckiamute River, which is fed by a number of stream tributaries that flow through the city including Dutch Creek, Berry Creek, Everz Creek, Teal Creek, and two unnamed tributaries.

1.2 Background

On March 3, 2021 the City of Falls City was notified that DEQ had included Falls City as a designated management (DMA) agency in the Willamette Basin Mercury TMDL and WQMP. According to Oregon Administrative Rules (OAR 340-042-0030(2)). As a result, it was necessary to revise the City's implementation plan which was originally submitted in 2008. In order to bring the plan up to date, the City revised the plan in its entirety. Falls City's plan was approved on May 15, 2023. The approval states in part:

'This approved updated Plan outlines the actions for minimizing mercury and sediment inputs into surface waters from those areas where the city has jurisdiction to reduce mercury and sediment in the Willamette Basin in order to protect people who regularly eat fish and shellfish from streams and lakes across the basin.

The City must report on updated Plan implementation in order to document that the updated Plan is being implemented to restore and protect water quality in the Willamette Basin. To adequately fulfill the reporting and implementation requirements of the revised Mercury TMDL the City of Falls City must:

- 1. Implement the best management practice activities it has proposed in the updated Plan.*
- 2. Consult DEQ for approval on any changes to the updated Plan activities and timelines in advance.*
- 3. Monitor, document, and report on progress in implementing the provisions of the updated Plan:
 - a. Submit annual reports to the Department by Dec. 1 each year beginning in 2023. Reports should cover the previous months of implementation for Nov. 1 through Oct. 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.'**

1.3 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 1, 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 is found in Section 10. Section 11 is a brief accounting of 2023/2024 projections, and a closing statement follows in Section 12.

Appendix A, BMP Status, 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 Weakness

The City of Falls City is fairly isolated geographically, and the majority of support for the community comes from larger agencies in relatively close proximity such as Dallas and Polk County. This situation is problematic for TMDL implementation. Falls City has no leverage to for demanding additional water quality practices from support agencies such as street sweeping totals, or erosion control plan review. The reliance on other agencies allows the City to continue to provide services to residents without actually fostering City development in a way that reflects a vision for the community. (See further analysis in Section 11, Program Monitoring / Adaptive Management) While elevated communication with support agencies would be useful, lack of funding for the program prohibits the consultant from providing detailed guidance and program projections.

2.1 Strengths

The City has developed routine activities over the years that are well established such as supporting an annual SOLV clean-up and maintaining its Tree City USA status. Staff has updated the website to include more educational material for residents including the development community. Events are well attended in Falls City and staff has made good use of these activities to handout educational material addressing the pollutants of concern.

The City is committed to making progress in regard to the program despite the fact accomplishments may appear to be insignificant. The implementation plan was completely revised in 2022 and now has defensible BMPs. Falls City has significantly improved public

outreach efforts. The 5th Year Evaluation was submitted to DEQ in May 2023 according to schedule. Public education efforts have improved and appropriate training has occurred.

2.2 Weaknesses

As was stated in the introduction to Section 2, City activities and growth remain much the same from year to year. Building permits are obtained from Polk County, street sweeping is done by the City of Dallas, and even catch basin cleaning is contracted out. While these activities help address pollutant reduction, the City needs to focus on what they can accomplish internally, or make appropriate decisions for contracted work.

The City has not taken the appropriate steps to secure sustainable funding for the program, and it appears that no genuine internal movement has occurred on this critical issue. The City lacks staff with environmental and technical background. The City utilized a consultant to develop and revised the implementation in response to the Willamette mercury TMDL. They also utilized a consultant to develop the required 5th year evaluation which was submitted in May 2023.

Report Year 2 will be a critical year for Falls City. The City needs to develop a position that requires some environmental and technical background and/or put adequate funding toward consulting or a consultant of record to take on a larger portion of the program and provide environmental and technical counseling throughout the year. Should the City continue to move forward without additional assistance, Falls City is likely to continue to fall behind in regard to TMDL Implementation.

Section 3 Public Education

3.1 Overview

The City has the most current TMDL posted on the website along with other resource material. Staff has utilized local events for distributing handouts and brochures with educational information.

3.2 BMP Accomplishments/Discussion

PE-1 The educational portfolio of material was completed for the City. Staff has used this information to post material to the City's website. Information can be found under the 'Water Quality' tab and includes brochures and pollutant specific information, as well as the implementation plan.

PE -2 SOLV did not hold an event during the review period.

PE-3 Falls City has a number of festivals and events throughout the year. Brochures were handed out to 133 cars at the Spring Clean-up event; brochures were handed out the Falls

City PRIDE, and the City's Happy Dance. At least 100 people attended the dance and the PRIDE event is very well attended.

PE-4 The City maintains its Tree City status, but no events were recorded for the review period.

PE-5 No progress of note has been made of partnerships with other agencies. The City will seek interaction with the Luckiamute Watershed Council in 2023/2024.

PE-6 A brochure was developed for the development community which is posted on the website.

PE-7 Pet waste stations are inspected and filled routinely.

PE-8 No progress has occurred on sending educational mailing to stream side property owners. A letter is expected to be sent in 2024 which will include information on mercury and temperature.

Section 4 Public Involvement

4.1 Overview

The City is using the website to post information for the public. No City Council meeting was held during the review period.

4.2 BMP Accomplishments/Discussion

PI-1 The City has the implementation plan posted, the 5th Year Evaluation, and other educational material.

PI-2 The City did not hold a City Council meeting in reference to the TMDL Implementation Plan over the review period. Staff plans to send a packet of material in January 2024 that will include the plan and the annual report. This material will be submitted prior to an in person meeting with the intention of making certain Council members are well informed beforehand. Properly preparing Council may result in more questions and potentially more interest in support of activities.

Section 5 Illicit Discharge Detection and Elimination

5.1 Overview

Training has occurred for this control measure. A field inspection sheet was developed as well.

5.2 BMP Accomplishments/Discussion

ID-1 The City uses the Polk Co. GIS maps to access information about their system. They also track field data for assets on a paper map. The City has discussed using Polk County to develop a suitable mapping system for their community.

ID-2 Maintenance personnel have verified assets throughout the year during routine maintenance. The City has 64 mapped catch basins. The City does not have an asset inventory.

ID-3 No significant progress on ordinance development

ID-4 No significant progress on development of an enforcement response plan

ID-5 Training was held on August 31, 2023. Multi-agency training. Non-stormwater discharges were discussed, ordinance requirements spill prevention and response, and emergency response. 2 staff members attended from Falls City

ID-6 No progress occurred on recordkeeping for complaints. A form was developed for staff to collect field information from incidents.

ID-7 The Stormwater Master Plan was not completed.

Section 6 Construction Site Runoff

6.1 Overview

Staff took advantage of several trainings for this BMP. Polk County conducts inspection work and plan review.

6.2 BMP Accomplishments/Discussion

CS-1 A brochure was developed for the development community, but no records were kept as to how many might have been distributed to builders.

CS-2 No significant progress on ordinance development.

CS-3 No significant progress on an enforcement response plan

CS-4 No recordkeeping has occurred for Construction Site Runoff.

CS-5 Training was held on August 31, 2023. Marion County field training in March 2023. Multi-agency training occurred on August 31, 2023. Topics included 1200-C permitting, YDO, plan review, CESCL certification opportunities

Section 7 Post-Construction Runoff Control

7.1 Overview

Training occurred for this BMP, but little additional activity was conducted.

7.2 BMP Accomplishments/Discussion

PC-1 No progress occurred on development of design standards.

PC-2 No progress occurred on long-term maintenance responsibilities.

PC-3 No progress occurred on a potential location for an LID project.

PC-4 Staff training was held on August 31, 2023k. Multi-agency training. Topics included pre and post development, maintenance of vegetated facilities, planting, infiltration, and long term maintenance.

Section 8 Good Housekeeping in Municipal Operation

8.1 Overview

A Good Housekeeping Manual has been developed. Training has also taken place.

8.2 BMP Accomplishments/Discussion

GH-1 The City has completed development of a Good Housekeeping Manual.

GH-2 Inspections are called for in the Good Housekeeping Manual but no work was completed in 2022/2023. This activity is expected to commence in the next report year.

GH-3 The City of Dallas provides routine street-sweeping for Falls City. This work is done on the last Wednesday of each month.

GH-4 Fall City used a consultant to clean catch basins during the report year. There were a total of 64 facilities cleaned.

GH-5 Training for this BMP was held on August 31, 2023. The multi-agency event covered educational material as it relates to Public Works maintenance activities. In regard to this BMP,

information was presented on inspections, recordkeeping, maintenance BMPs such as storm line cleaning, and the like.

Section 9 Public Education Evaluation

Falls City does not have a fully developed public education program, but that have utilized the website for outreach as well as public events. The City has appropriate messaging material on the website including the approved implementation plan. Staff has posted general stormwater material, including brochures as well as information for the development community. Redesign of the website could be very beneficial for the City.

The City's website would be a good venue for posting educational material, but it needs to be more easily located. Environmental stewardship and resource information should be listed as well as general information about stormwater and the conveyance system. The City has made updates to the website this review period so it appears the problem can be quickly remedied. Falls City will need to put significantly more effort into reaching the target audiences listed in their implementation plan. Target audience resource information can also be added to the website.

Falls City has had good success reaching the public at local festivals and events. Expanding this effort to include promotional items or activities that engage participants should be considered. The events listed in this report were the Spring Clean-up, the Happy Dance, and Falls City PRIDE. Elevating efforts for those 3 events would result in reaching a lot of residents with different interests and should be planned for in preparation for the 2023/2024 review year.

Section 10 Program Monitoring / Adaptive Management

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

There is a general lack of urgency in moving this program forward which is prevalent in the City organization. The City utilized a consultant for development of the revised implementation plan in 2022, which was a significant action. The same applies to the 5th Year Evaluation, yet the design and development of long-term programs such as illicit discharge and construction site runoff have not been funded. No movement has occurred on establishing a fee, or utilizing a part-time or temporary employee. As is often the case with small cities, this organization may be under the false impression that they are exempt to regulations because of their size.

Most employees for the City serve multiple roles and there is no room for taking on additional responsibilities, but there might be an opportunity for substantial progress by developing a suitable plan for subsequent years, and providing funding for either a consultant or a part-time employee.

10.1 Program Evaluation

Public Education

See Section 3 and Section 9

Public Involvement

Little progress has occurred for this BMP. The overall perception of this program needs to change from something that has to be done, to activities that will help preserve the unique character of Falls City and its beautiful setting. Properly educating elected officials is the goal, but the message needs to be supported by staff.

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 movement forward 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. Falls City will need to dial recordkeeping in next year. The City needs to take control from Polk County and conduct plan review for new projects

Post-Construction Run-off Control

The training BMP was accomplished. No other progress was reported

Good Housekeeping

A Good Housekeeping Manual was developed and training has occurred for this control measure. The City should evaluate their street sweeping agreement with Dallas. Street-sweeping needs to occur more than once a month. Additional sweeping should be happening during the fall.

As has been addressed, 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.

10.2 Adaptive Management

Thoughtful adaptive management has not been applied to this program after a less than commendable showing for the first year of implementation under the revised plan. Adaptive management is crucial for program development and making certain that activities are tailored

to help staff be successful. While some minor adjustments have been made, See Appendix B, lack of funding did not allow for guidance to the City on this element

Section 11 2023/2024 Projections

11.1 Temperature

The TMDL Temperature Replacement requirements are on the horizon and Falls City is looking at potential implications for the City. Although the City has not received notice of required Implementation plan revisions from DEQ, the City recognizes the amount of work that will be required for this new action. BMPs were added to the plan; PE-9 and PI-3 which were developed to address temperature.

The addition of new tasks to the overall TMDL program will be challenging. The City must utilize the experience of the watershed council to support productive activities in Falls City.

Section 12 Closing Statement

The City has not engaged in elevating activities to a significant amount this report year. Public education activities are by far the most noteworthy. Staff needs to sink their teeth into making small accomplishments that can be built from. Failure to properly fund the program will only result in a longer task list without addressing this deficiency. City management staff will need to secure funds for consulting work or for additional staff in order to see success moving forward which may result in action from DEQ.

BMP Progress

BMP	Description	22/23 Progress Y/N
PE-1	Post relevant stormwater public education materials to the City's website and other distribution methods	Yes
PE-2	SOLV annual clean-up	No / No SOLV event
PE-3	Participate in local annual event	Yes
PE-4	Tree City USA	Yes
PE-5	Partner with local watershed council, SWCD, university, etc	No
PE-6	Develop outreach material for building community	Yes
PE-7	Maintain pet waste stations	Yes
PE-8	Send mailers to hobby farms and septic system homeowners	No
PI-1	Maintain a website to post the most current environmental educational information	Yes
PI-2	Annual presentation to City Council	No / Progress
ID-1	Update the City's GIS system to include new stormwater data	Progress
ID-2	Develop an inventory of stormwater assets and facilities	Progress
ID-3	Develop an ordinance that prohibits non-stormwater discharges into the stormwater system	No
ID-4	Develop and enforce an escalating and response procedure to include construction sites, illegal dumping and illegal connections.	No
ID-5	Annual staff training	Yes
ID-6	Recordkeeping including response to complaint accounting	No
ID-7	Complete Stormwater Master Plan	No
CS-1	Coordinate with the development community regarding the need for a 1200-C permit and provide educational material	Progress
CS-2	Develop an Erosion Control Ordinance which includes DEQ requirements and riparian setback	No
CS-3	Develop and enforce an escalating and response procedure to include qualifying construction sites	No
CS-4	Develop a tracking system	No
CS-5	Annual training for PW person	Yes
PC-1	Develop an ordinance or other regulatory mechanism such as design standards to meet the post-construction requirements	No
PC-2	Develop inspection and maintenance requirements for publically owned property	No
PC-3	Identify a location suitable for an LID project for stormwater from ROW	No
PC-4	Staff training	Yes
GH-1	Develop a Good Housekeeping Manual	Yes
GH-2	Monthly Inspections at Shop Facility	No
GH-3	Street Sweeping	Yes
GH-4	Catchbasin Cleaning	Yes
GH-5	Annual training	Yes

	Develop a sustainable stormwater fee or funding mechanism	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	Yes

APPENDIX B – Annual Report 2022/2023

City of Falls City TMDL IMPLEMENTATION PLAN MATRIX 2022 – 2027 Year 1 Sept 2, 2022 – Oct. 31, 2023 (Report Due Dec. 1, 2023)								
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. Measure success</i>	Status
POLLUTANT: Mercury								
MCM #1 Public Outreach								
PE-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Post relevant PE materials to the City's website and other distribution methods	Utilize material from portfolio to make FAQ sheets, brochures, etc	Staff and consultant	Document materials and topics covered annually and discuss in annual report	Ongoing annually	Completion of multiple documents on the website for the public to access. Update routinely	COMPLETE Material developed for brochures, newsletters, handouts and social media. Packet includes a specific overview of mercury, temperature, and bacteria.
PE-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	SOLV Community River Clean up	City Staff and volunteers partner with SOLV	Staff time	Document event, date, number of participants and discuss in annual report Support annual SOLV event	Ongoing annually	Continue to provide support for this event and report records when held	City provides meeting space, refreshments for volunteers, and debris disposal. No event was held in 2022/2023
PE-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Participate in local annual event	Host a booth or event and document materials	Set aside small fund for promotional items	Document of events and participation	Ongoing annually	Report number of materials handed out, date, and participation	Spring clean up – 133 cars received 2 brochures, one with general stormwater information and one with development resources to specifically address mercury. Brochures were also printed and handed out at the City's Happy Dance. Aprx 100 people in attendance. PRIDE was held on August 4,5,and 6 and brochures were provided to attendees

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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. Measure success</i>	Status
PE-4	Runoff from soil disturbance and direct discharge to waterway from riparian area	Tree City USA	Re-establish this activity. Arbor Day Celebration, outreach material.	Staff time and budgeting	Discuss event and educational material in annual report	Ongoing annually	Advertize the event, develop education material	The City has maintained its Tree City status annually and has made compliance with this program a priority. There was no event held in 2022/2023
PE-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Partner with Luckiamute Watershed Council. SWGD, university, etc	Communicate as to how Falls City can utilize their expertise	Staff time	Report annual progress in yearly report	Ongoing annually	Contact Director and discuss potential partnership activities	No suitable progress has occurred on the BMP. This BMP has been modified to help facilitate progress with others that have environmental experience
PE-6	Runoff from soil disturbance and direct discharge to waterway from riparian area	Coordinate with the development community and provide educational material	Provide materials on the website and conduct site visits	Staff time and consultant	Report progress in yearly report	Ongoing to commence in 2023/2024	Update the website with new education material for builders in 2023/2024	Brochure is completed and is posted on the website. Polk Co. issues building permits.
PE-8	Runoff from soil disturbance and direct discharge to waterway from riparian area	Provide outreach and education materials to hobby farms, riparian property owners, and septic system owners	Collect property owner information and send direct mailing	Postage	Report # of mailings in annual report	2x during permit term	Send mailing in 2024 and in 2026. Highlight temperature information and tree retention.	No progress on this BMP. The letter will include material related to mercury and the importance of tree retention.

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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. Measure success</i>	Status
PE-9	Runoff from soil disturbance and direct discharge to waterway from riparian area	Reorganize the website	Sort educational material into groups for target audiences	Staff time	Redesign the website	2023/2024 Revise and update annually	Redesign the website and add information to make a more user friendly resource for the community	NEW BMP
MCM #2 Public Involvement								
PI-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Maintain a website to post the most current environmental material relating to the TMDL Plan educational information	Post the TMDL Plan on the City website with educational material annual reports and other reg. info	Staff time	Post the plan in 2022 and post plan reports submitted to DEQ annually	To occur each year starting in 2022	Post new and updated material annually and report	The TMDL Imp Plan is posted on the website. A newsletter is posted on the website with BMPs for the community – June 2023. 'Water Quality' tab. The Annual Report will be posted. Contact information for staff is on the City's home page
PI-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Annual presentation to City Council	Work Session presentation	Consultant and staff	Report progress in yearly report	To occur each year starting in 2022/2023	Content and date to be included in annual report	Packet of material will be sent to City Council in January 2024 including a link to the plan, the annual report for 2022/2023, and the 5 th Year Evaluation. Material is intended to lay the groundwork for a presentation
Will MCM #3 Illicit Discharge Detection and Elimination								
ID-1	Runoff from soil disturbance and impervious area	Update the City's GIS system to include new stormwater data	Review WQMP to meet DEQ requirements	Staff time	Document annual updates	2032/2033	Track annual assets (ie. outfalls, catchbasins, etc) Coordinate with Polk County	The City currently utilizes information from Polk Co GIS. The City also tracks assets on a large had copy map. The City hopes to have Polk Co develop a GIS program for them

APPENDIX B – Annual Report 2022/2023

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ID-2	Runoff from soil disturbance and impervious area	Develop an inventory of stormwater assets and facilities	Field verify stormwater system to collect and locate assets and facilities	Staff time	Report progress in annual report	Ongoing annually	Collect information annually and keep records of locations, type, function, condition	Maintenance personnel have verified assets throughout the year during routine maintenance. The City has 64 mapped catch basins
ID-3	Runoff from soil disturbance and impervious area	Develop an ordinance that prohibits non-stormwater discharges into the stormwater system	Utilize ordinances and programs from other agencies	Staff time involving legal	Provide DEQ annual progress on this BMP in the annual report	Complete by 2030/2031	Document annual activities	Personnel have had the opportunity to review ordinances from other agencies such as the City of Keizer in January 2023. No significant progress has occurred on this BMP
ID-4	Runoff from soil disturbance and impervious area	Develop and enforce an escalating and response procedure to include construction sites, illegal dumping and illegal connections.	The plan will include escalating steps of enforcement	Staff time	Report progress and final to DEQ	Complete by 2030/2031	Document annual activities	No progress. The enforcement plan will be completed with the ordinance work.
ID-5	Runoff from soil disturbance and impervious area	Annual staff training	Annual training by existing staff. Take advantage of inexpensive regional training	Consultant year 1	Report training date, # of employees in attendance	To occur each year starting in 2022/2023	Conduct annual training – develop a schedule. Yr 1 training by consultant	Training held on August 31, 2023. Multi-agency training. Non-stormwater discharges were discussed, ordinance requirements spill prevention and response, and emergency response. 2 staff members attended from Falls City

APPENDIX B – Annual Report 2022/2023

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ID-6	Runoff from soil disturbance and impervious area	Recordkeeping including response to complaint accounting	Utilize GIS or another database to document response to calls and complaints	Staff time	Report # of complaints and outcome annually	To occur each year 2023/2024	Develop a response process and tracking system	The City was a form to use when responding to complaints, but a response process has not been decided on.
ID-7	Runoff from soil disturbance and impervious area	Complete Stormwater Master Plan	Develop a plan to complete this effort	Staff time	Report annual progress	2026/2027	Develop and follow a plan for progress	The work is scheduled to commence in 2024
MCM #4 Construction Site Runoff								
CS-1	Runoff from soil disturbance and impervious area	Coordinate with the development community regarding the need for a 1200-C permit provide educational material	Provide materials on the website and conduct site visits	Staff time and consultant	Report progress in yearly report	Ongoing to commence in 2023/2024	Develop a flyer for builders/developers. Use in field and post on website	The brochure on the City's website specifies that a 1200-C permit must be obtained. It includes contact information for DEQ
CS-2	Runoff from soil disturbance and impervious area	Develop an Erosion Control Ordinance which includes DEQ requirements and riparian setbacks	Ordinance requires consistency w/ 1200-C.permit. Establish riparian setbacks	Staff time	Document annual progress	2029/2030	Report progress in each annual report	No progress on this BMP

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
CS-3	Runoff from soil disturbance and impervious area	Develop and enforce an escalating and response procedure to include qualifying construction sites	The response procedure will be linked to a process that applies to the ID, PC portions of the plan	Staff time	Report progress in annual report	2029/2030	Education will be emphasized prior to ordinance development. Develop draft	Enforcement expected to be completed in conjunction with the ordinance
CS-4	Runoff from soil disturbance and impervious area	Develop a tracking system	Will seek to eventually tie this process to GIS	Staff time	Report progress in annual report	2023/2024	Maintain annual tracking data Coordinate with Polk Co to receive permit applications for review and approval	The City has made limited progress on this BMP
CS-5	Runoff from soil disturbance and impervious area	Annual training for PW person	Develop resource guide	Consultant	Report training and dates	Ongoing annually	Hold training and complete resource manual	Marion County field training in March 2023. Multi-agency training on August 31,2023. Topics included 1200-C permitting, YDO, plan review, CESCL certification.
MCM #5 Post-Construction Runoff Control for New and Redevelopment								
PC-1	Runoff from soil disturbance and impervious area	Develop an ordinance or other regulatory mechanism such as design standards to meet the post-construction requirements	Utilize DEQ resources and mirror what other municipalities have done.	Staff time – potential for engineering costs	Document progress annually	Complete by 2031/2032	Describe progress in the annual report	No progress on this BMP

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PC-2	Runoff from soil disturbance and impervious area	Develop inspection and maintenance requirements for publically owned property	The plan should include a checklist for inspections	Staff time	Report annual progress	2032/2033	Add maintenance plan and protocol to GH manual	No progress on this BMP
PC-3	Runoff from soil disturbance and impervious area	Identify a location suitable for an LID project for stormwater from ROW	Field survey potential sites and install a PC feature	Small budget	Report annual progress	2026/2027	Locate site and design to take runoff from impervious surface. Use proper soil medium and plants	No progress on this BMP
PC-4	Runoff from soil disturbance and impervious area	Staff training	Annual staff training for involved personnel	Consultant Year 1	Report annual training activities	Ongoing starting in 2022/2023	Consultant to facilitate Year 1 training	Multi-agency training held on August 31, 2023. Topics covered included the water cycle, pre and post development, infiltration, soil medium, and planting. Also maintenance and function were covered.
MCM #6 Good Housekeeping in Municipal Operations								
GH-1	Pollution from municipal operations	Develop a Good Housekeeping Manual	The manual is a reference guide for operations personnel	Staff time w/ Consultant	Describe progress in the annual report	Complete by 2025/2026	Complete manual. Revise as needed	The manual is in Final Draft form. Staff needs to review and revise to make it reflect Falls City operations.
GH-2	Pollution from municipal operations	Monthly Inspections at Shop Facility	Inspections will occur according to Good Housekeeping Manual in Yr 2	Staff time	Provide completion date and documentation for inspections to DEQ	Conduct inspections starting in 2023/2024	Conduct inspections according to the manual	Inspection work will take place according to the Good Housekeeping Manual. Inspections to occur in 2024

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
GH-3	Pollution from municipal operations	Street Sweeping	Continue street sweeping activities	Staff time	Provide annual activities in annual report	To occur each year starting in 2023	Evaluate practices to improve effort. Record quarterly removal totals. Explore the feasibility of additional support	The City of Dallas provides sweeping services for Falls City. They currently sweep the last Wednesday of each month.
GH-4	Pollution from municipal operations	Catchbasin Cleaning	Develop a catchbasin cleaning program	Staff time	Evaluate practices to improve effort	To occur each year starting in 2023	Provide annual activities in annual report	The City hired a consultant to complete this work. 64 catchbasins were cleaned
GH-5	Pollution from municipal operations	Annual training	Use resource materials or attend another event	Consultant	Record date, content, and employees	To occur each year starting in 2023	Describe progress in the annual report	Multi-agency training held on August 31, 2023. Topics covered included BMPs for storm line cleaning and catch basin cleaning. Also pre-planning for maintenance activities
POLLUTANT: Temperature								
MCM #1 Public Education								
PE-1	Sediment loading and lack of shade	Post relevant PE materials to the City's website and other distribution methods	Utilize material from portfolio to make FAQ sheets, brochures, etc	Staff and consultant	Document materials and topics covered annually and discuss in annual report	Ongoing annually	Completion of multiple documents. Update routinely	COMPLETE City Newsletter for June 2023 included BMPs for residents. Portfolio was completed. Brochures, educational material, and regulatory documents are posted to the website

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PE-3	Sediment loading and lack of shade	Participate in local annual event	Host a booth or event and document materials	Set aside small fund for promotional items	Document date of events and participation	Ongoing annually	Report number of materials handed out, date, and participation	Spring clean up – 133 cars received 2 brochures, one with general stormwater information and one with development resources, Brochures were also printed and handed out at the City’s Happy Dance. Aprx 100 people in attendance. Pride was held on August 4,5,and 6 and brochures were provided to attendees
PE-4	Sediment loading and lack of shade	Tree City USA	Re-establish this activity. Arbor Day Celebration, outreach material.	Staff time and budgeting	Discuss event an educational material in annual report	Ongoing annually	Advertize the event, develop education material	The City has maintained it’s Tree City status annually and has made compliance with this program a priority, but no event was held in 2022/2023
PE-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Partner with Luckiamute Watershed Council. SWCD, university, etc	Communicate as to how Falls City can utilize their expertise	Staff time	Report annual progress in yearly report	Ongoing annually	Contact Director and discuss potential partnership activities	No suitable progress has occurred on the BMP. This BMP has been modified to help facilitate progress with others that have environmental experience
PE-8	Runoff from pervious surface, or illegal discharge	Provide outreach and education materials to hobby farms, riparian property owners, and septic system owners	Collect property owner information and send direct mailing	Postage	Report # of mailings in annual report	2x during permit term	Send mailing in 2024 and in 2026	No progress on this BMP. The letter will include material related to temperature and the importance of tree retention

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PE-9	Runoff from soil disturbance and direct discharge to waterway from riparian area	Reorganize the website	Sort educational material into groups for target audiences	Staff time	Redesign the website	2023/2024 Revise and update annually	Redesign the website and add information to make a more user friendly resource for the community. Add information specific to the temperature TMDL	NEW BMP
MCM #2 Public Involvement								
PI-1	Sediment loading and lack of shade	Maintain a website to post the most current environmental educational information	Post the TMDL Plan on the City website with educational material	Staff time	Post the plan in 2022 and post plan reports submitted to DEQ annually	To occur each year starting in 2022	Post new and updated material annually and report	The TMDL Imp Plan is posted on the website. A newsletter is posted on the website with BMPs for the community
PI-2	Sediment loading and lack of shade	Annual presentation to City Council	Work Session presentation	Consultant and staff	Report progress in yearly report	To occur each year starting in 2022/2023	Content and date to be included in annual report	Packet of material will be sent to City Council in January 2024 including a link to the plan, the annual report for 2022/2023, and the 5 th Year Evaluation. Material is intended to lay the groundwork for a presentation
PI-3	Sediment loading and lack of shade	Work with Luckiamute Watershed Council or SWCD	Use watershed council to identify restoration locations, or lead tree planting activity.	Staff time	Report progress in yearly report	Start conversations in 2024. Ongoing	Set meetings with watershed council	NEW BMP

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
MCM #3 Illicit Discharge Detection and Elimination								
ID-2	Sediment loading and lack of shade	Develop an ordinance that prohibits non-stormwater discharges into the stormwater system	Utilize ordinances and programs from other agencies	Staff time involving legal	Provide DEQ annual progress on this BMP in the annual report	Complete by 2030/2031	Document annual activities. Use Phase II as guidance	Personnel have had the opportunity to review ordinances from other agencies such as the City of Keizer in January 2023. No significant progress has occurred on this BMP
ID-3	Sediment loading and lack of shade	Develop and enforce an escalating and response procedure to include construction sites, illegal dumping and illegal connections.	The plan will include escalating steps of enforcement	Staff time	Report progress and final to DEQ	Complete by 2030/2031	Document annual activities	Enforcement response to be developed with ordinance
ID-5	Sediment loading and lack of shade	Annual staff training	Annual training by existing staff. Take advantage of inexpensive regional training	Consultant in Year 1	Report training date, # of employees in attendance	To occur each year starting in 2022/2023	Conduct annual training – develop a schedule. Yr 1 training by consultant	Training held on August 31, 2023. Multi-agency training. Non-stormwater discharges were discussed, ordinance requirements spill prevention and response, and emergency response. 2 staff members attended from Falls City
MCM #4 Construction Site Runoff								
CS-2	Sediment loading and lack of shade	Develop an Erosion Control Ordinance which includes DEQ requirements and riparian setbacks	Ordinance and document need to be consistent with the 1200-C permit	Staff time	Document annual progress	2029/2030	Report progress in each annual report. Coordinate with Polk Co.	No progress on this BMP.

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
CS-3	Sediment loading and lack of shade	Develop and enforce an escalating and response procedure to include qualifying construction sites	The response procedure will be linked to a process that applies to the ID, PC portions of the plan	Staff time	Report progress in annual report	2029/2030	Education will be emphasized prior to ordinance development. Develop draft	To be completed with ordinance
CS-5	Sediment loading and lack of shade	Annual training for PW person	Develop resource guide	Consultant	Report training and dates	Ongoing annually	Hold training and complete resource manual	Staff attended field operations training at Marion County in March 2023. August 31, 2023, Multi-agency training covering GH, PC, ID, and CS. 1200-C requirements reviewed, plan review examples
MCM #5 Post Construction Runoff Control in New and Redevelopment								
PC-1	Sediment loading and lack of shade	Develop an ordinance or other mechanism such as design standards to meet the post-construction reqs.	Utilize DEQ resources and mirror what other municipalities have done.	Staff time – potential for engineering costs	Document progress annually	Complete by 2031/2032	Describe progress in the annual report	No progress on this BMP
PC-2	Runoff from soil disturbance and impervious area	Develop inspection and maintenance requirements for publically owned property	The plan should include a checklist for inspections	Staff time	Report annual progress	2032/2033	Add maintenance plan and protocol to GH manual	No progress on this BMP

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PC-3	Runoff from soil disturbance and impervious area	Identify a location suitable for an LID project for stormwater from ROW	Field survey potential sites and install a PC feature	Small budget	Report annual progress	2026/2027	Locate site and design to take runoff from impervious surface. Use proper soil medium and plants	No progress
PC-4	Sediment loading and lack of shade	Staff training	Annual staff training	Consultant in Year 1	Report annual activities	Ongoing starting in 2022/2023	Consultant to facilitate Year 1 training	Training held August 31, 2023. Multi-agency. Topics discussed: pre and post development, facility maintenance, design issues, infiltration, and plantings
MCM #6 Good Housekeeping in Municipal Operations								
GH-1	Pollution from municipal operations	Develop a Good Housekeeping Manual	Include protocol for retention of trees and native vegetation along waterways	Staff time w/ Consultant	Complete manual	Complete by 2022/2023 2023/2024	Describe progress in the annual report Staff review and revise to reflect Falls City needs	Final Draft is complete.
POLLUTANT: Bacteria								
MCM # 1 Public Education								
PE-1	Runoff from pervious surface or degraded riparian area	Post relevant PE materials to the City's website and other distribution methods	Utilize material from portfolio to make FAQ sheets, brochures, etc	Staff	Document materials and topics covered annually and discuss in annual report	Ongoing annually	Completion of multiple documents on the website for the public to access. Update routinely	City Newsletter for June 2023. Brochures and other material posted to include education material for mercury, temperature and bacteria
PE-2	Runoff from pervious surface or degraded riparian area	SOLV Community River Clean up	City Staff and volunteers partner with SOLV	Staff time	Document event, date, number of participants and discuss in annual report	Ongoing annually	Advertise for event and record events	City provides meeting space, refreshments for volunteers, and debris disposal. No SOLV event was held during the review period

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PE-3	Runoff from pervious surface or degraded riparian area	Participate in local annual event	Host a booth or event and document materials	Set aside small fund for promotional items	Document date of events and participation	Ongoing annually	Report number of materials handed out, date, and participation	Spring clean up – 133 cars received 2 brochures, one with general stormwater information and one with development resources to specifically address mercury. Brochures were also printed and handed out at the City’s Happy Dance. Aprx 100 people in attendance. Pride was held on August 4,5,and 6 and brochures were provided to attendees
PE-7	Runoff from pervious surface, or illegal discharge	Maintain pet waste stations	Maintain and stock stations	Funding for bags	Document in annual report	Ongoing annually	Record # of bags and maintenance activities	Pet waste stations are checked and refilled 1x per week
PE-8	Runoff from pervious surface, or illegal discharge	Provide outreach and education materials to hobby farms, riparian property owners, and septic system owners	Collect property owner information and send direct mailing	Postage	Report # of mailings in annual report	2x during permit term	Send mailing in 2024 and in 2026	No progress on this BMP. The letter will include material related to bacteria and septic system maintenance
MCM #2 Public Involvement and Participation								
PI-1	Runoff from pervious surface or degraded riparian area	Maintain a website to post the most current environmental educational information	Post the TMDL Imp Plan and other educational information	Staff time	Post new and updated material annually and report	To occur each year starting in 2022	Post the plan in 2022 and post plan reports submitted to DEQ annually	The TMDL Imp Plan is posted on the website. A newsletter is posted on the website with BMPs for the community. Brochures are posted Annual report will be added to website

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PI-2	Runoff from pervious surface or degraded riparian area	Annual presentation to City Council	Work Session presentation	Consultant and staff	Report progress in yearly report	To occur each year starting in 2022/2023	Content and date to be included in annual report	Packet of material will be sent to City Council in January 2024 including a link to the plan, the annual report for 2022/2023, and the 5 th Year Evaluation. Material is intended to lay the groundwork for a presentation
MCM #3 Illicit Discharge Detection and Elimination								
ID-2	Runoff from soil disturbance and impervious area	Develop an inventory of stormwater assets and facilities	Field verify stormwater system to collect and locate assets and facilities	Staff time	Report progress in annual report	Ongoing annually	Collect information annually and keep records of locations, type, function, condition	Maintenance personnel have verified assets throughout the year during routine maintenance. The City has 64 mapped catch basins
ID-3	Runoff from soil disturbance and impervious area	Develop an ordinance that prohibits non-stormwater discharges	Develop a plan to meet the conditions of IDDE in 2022/2023	Staff time involving legal	Document annual progress	Complete by 2030/2031	Provide DEQ annual progress on this BMP in the annual report	Personnel have had the opportunity to review ordinances from other agencies such as the City of Keizer in January 2023. No significant progress has occurred on this BMP
ID-4	Runoff from soil disturbance and impervious area	Develop an enforcement response plan	The plan will include escalating steps of enforcement	Staff time	Report progress and final to DEQ	Complete by 2030/2031	Document annual activities	No progress. The enforcement plan will be completed with the ordinance work.

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
ID-5	Runoff from soil disturbance and impervious area	Annual staff training	Annual training by existing staff. Take advantage of inexpensive regional training	Consultant in Year 1	Report training date, # of employees in attendance	To occur each year starting in 2022/2023	Conduct annual training – develop a schedule. Yr 1 training by consultant	Training held on August 31, 2023. Multi-agency training. Non-stormwater discharges were discussed, ordinance requirements spill prevention and response, and emergency response. 2 staff members attended from Falls City
MCM #4 Construction Site Runoff								
CS-2	Runoff from soil disturbance and impervious area	Develop an Erosion Control Ordinance which includes DEQ requirements	Ordinance and document need to be consistent with 1200-C and/or 1200-CN programs	Staff time	Document annual progress	2029/2030	Report progress in each annual report	No progress on this BMP
CS-3	Runoff from soil disturbance and impervious area	Develop and enforce an escalating and response procedure to include qualifying construction sites	The response procedure will be linked to a process that applies to the ID, PC portions of the plan	Staff time	Report progress in annual report	2029/2030	Education will be emphasized prior to ordinance development. Develop draft	Enforcement response to be developed when ordinance is underway
MCM #5 Post Construction Runoff Control in New and Redevelopment								
PC-1	Runoff from soil disturbance and impervious area	Develop an ordinance or other regulatory mechanism such as design standards	Utilize DEQ resources and mirror what other municipalities have done.	Staff time – potential for engineering costs	Describe progress in the annual report	Complete by 2031/2032	Document progress annually	No progress on this BMP

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
PC-2	Runoff from soil disturbance and impervious area	Develop inspection and maintenance requirements for publically owned property	The plan should include a checklist for inspections	Staff time	Report annual progress	2032/2033	Add maintenance plan and protocol to GH manual	No progress on this BMP
PC-3	Runoff from soil disturbance and impervious area	Identify a location suitable for an LID project for stormwater from ROW	Field survey potential sites and install a PC feature	Small budget for materials	Report annual progress	2026/2027	Locate site and design to take runoff from impervious surface. Use proper soil medium and plants	No progress on this BMP
PC-4	Runoff from soil disturbance and impervious area	Staff training	Annual staff training	Cost of training	Report annual training activities	Ongoing starting in 2022/2023	Consultant to facilitate Year 1 training	August 31, 2023, Multi-agency training covering GH, PC, ID, and CS. Post Construction discussion included pre and post development, maintenance, installation, recordkeeping, and purpose of the facilities
MCM #6 Good Housekeeping in Municipal Operations								
GH-1	Pollution from municipal operations	Develop a Good Housekeeping Manual	Include protocol for retention of trees and native vegetation along waterways	Staff time w/ Consultant	Describe progress in the annual report	Complete by 2023/2024	Describe progress in the annual report Staff review and revise to reflect Falls City needs	Final Draft is complete.
GH-3	Pollution from municipal operations	Street Sweeping	Continue street sweeping activities	Staff time	Provide annual activities in annual report	To occur each year starting in 2023	Evaluate practices to improve effort. Record quarterly removal totals. Explore the feasibility of expanded service.	The City of Dallas provides sweeping services for Falls City. They currently sweep the last Wednesday of each month.

APPENDIX B – Annual Report 2022/2023

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. Measure success</i>	Status
GH-4	Pollution from municipal operations	Catchbasin Cleaning	Develop a catchbasin cleaning program	Staff time	Evaluate practices to improve effort	To occur each year starting in 2023	Provide annual activities in annual report	The City hired a consultant to complete this work. 64 catchbasins were cleaned
GH-5	Pollution from municipal operations	Annual training	Use resource materials or attend another event	Consultant	Record date, content, and employees	To occur each year starting in 2023	Describe progress in the annual report	August 31, 2023, Multi-agency training covering GH, PC, ID, and CS. GH material included recordkeeping requirements, BMPs for operational activities
Other Management Activities								
		Develop a sustainable stormwater fee	Review possible options including an impervious surface study	Staff time	Annual progress shall include options considered, and next steps	2025/2026	Provide annual activities in annual report	No progress
		Complete annual reports	Develop document based on recordkeeping	Consultant	Complete and submit the annual report	By due date annually		Completed for 22/23
		Evaluate public education activities according to WQMP	Choose 1 activity to promote and help lead other activities	Consultant	Review activities with staff and determine most effective activity and why	To be submitted with annual report		Completed for 22/23

APPENDIX B – Annual Report 2022/2023

		Annually evaluate implementation efforts and program progress	Review and evaluative actions (monitoring)	Consultant	Review and discuss with staff to plan changes for following year	To be submitted with annual report		Completed for 22/23
		Complete 5 th Year Assessment and Evaluation	Gather information based on recordkeeping and annual reports	Staff time	Complete assessment using DEQ guidelines	2026/2027		Completed in 2023 for 2018 thru 2022

Control Measures	
PE	Public Education
PI	Public Involvement and Participation
ID	Illicit Discharge Detection and Elimination
CS	Construction Site Runoff Control
PC	Post-Construction Runoff Control
GH	Good Housekeeping in Municipal Operations

City of Falls City TMDL IMPLEMENTATION PLAN MATRIX 2022 – 2027 Year 1 Sept 2, 2022 – Oct. 31, 2023 (Report Due Dec. 1, 2023)								
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. Measure success</i>	Status
POLLUTANT: Mercury								
MCM #1 Public Outreach								
PE-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Post relevant PE materials to the City’s website and other distribution methods	Utilize material from portfolio to make FAQ sheets, brochures, etc	Staff and consultant	Document materials and topics covered annually and discuss in annual report	Ongoing annually	Completion of multiple documents on the website for the public to access. Update routinely	
PE-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	SOLV Community River Clean up	City Staff and volunteers partner with SOLV	Staff time	Support annual SOLV event	Ongoing annually	Continue to provide support for this event and report records when held	
PE-3	Runoff from soil disturbance and direct discharge to waterway from riparian area	Participate in local annual event	Host a booth or event and document materials	Set aside small fund for promotional items	Document of events and participation	Ongoing annually	Report number of materials handed out, date, and participation	
PE-4	Runoff from soil disturbance and direct discharge to waterway from riparian area	Tree City USA	Re-establish this activity. Arbor Day Celebration, outreach material.	Staff time and budgeting	Discuss event and educational material in annual report	Ongoing annually	Advertize the event, develop education material	

APPENDIX C – Annual Report 2022/2023

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. Measure success</i>	Status
PE-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Partner with Luckiamute Watershed Council.	Communicate as to how Falls City can utilize their expertise	Staff time	Report annual progress in yearly report	Ongoing annually	Contact Director and discuss potential partnership activities	
PE-6	Runoff from soil disturbance and direct discharge to waterway from riparian area	Coordinate with the development community and provide educational material	Provide materials on the website and conduct site visits	Staff time and consultant	Report progress in yearly report	Ongoing to commence in 2023/2024	Update the website with new education material for builders in 2023/2024	
PE-8	Runoff from soil disturbance and direct discharge to waterway from riparian area	Provide outreach and education materials to hobby farms, riparian property owners, and septic system owners	Collect property owner information and send direct mailing	Postage	Report # of mailings in annual report	2x during permit term	Send mailing in 2024 and in 2026. Highlight temperature information and tree retention.	
PE-9	Runoff from soil disturbance and direct discharge to waterway from riparian area	Reorganize the website	Sort educational material into groups for target audiences	Staff time	Redesign the website	2023/2024 Revise and update annually	Redesign the website and add information to make a more user friendly resource for the community	NEW BMP

APPENDIX C – Annual Report 2022/2023

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. Measure success</i>	Status
MCM #2 Public Involvement								
PI-1	Runoff from soil disturbance and direct discharge to waterway from riparian area	Maintain a website to post the most current environmental material relating to the TMDL Plan	Post the TMDL Plan on the City website annual reports and other reg. info	Staff time	Post the plan in 2022 and post plan reports submitted to DEQ annually	To occur each year starting in 2022	Post new and updated material annually and report	
PI-2	Runoff from soil disturbance and direct discharge to waterway from riparian area	Annual presentation to City Council	Work Session presentation	Consultant and staff	Report progress in yearly report	To occur each year starting in 2022/2023	Content and date to be included in annual report	
Will MCM #3 Illicit Discharge Detection and Elimination								
ID-1	Runoff from soil disturbance and impervious area	Update the City's GIS system to include new stormwater data	Review WQMP to meet DEQ requirements	Staff time	Document annual updates	2032/2033	Track annual assets (ie. outfalls, catchbasins, etc) Coordinate with Polk County	
ID-2	Runoff from soil disturbance and impervious area	Develop an inventory of stormwater assets and facilities	Field verify stormwater system to collect and locate assets and facilities	Staff time	Report progress in annual report	Ongoing annually	Collect information annually and keep records of locations, type, function, condition	
ID-3	Runoff from soil disturbance and impervious area	Develop an ordinance that prohibits non-stormwater discharges into the stormwater system	Utilize ordinances and programs from other agencies	Staff time involving legal	Provide DEQ annual progress on this BMP in the annual report	Complete by 2030/2031	Document annual activities	

APPENDIX C – Annual Report 2022/2023

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. Measure success</i>	Status
ID-4	Runoff from soil disturbance and impervious area	Develop and enforce an escalating and response procedure to include construction sites, illegal dumping and illegal connections.	The plan will include escalating steps of enforcement	Staff time	Report progress and final to DEQ	Complete by 2030/2031	Document annual activities	
ID-5	Runoff from soil disturbance and impervious area	Annual staff training	Annual training by existing staff. Take advantage of inexpensive regional training	Consultant year 1	Report training date, # of employees in attendance	To occur each year starting in 2022/2023	Conduct annual training – develop a schedule. Yr 1 training by consultant	
ID-6	Runoff from soil disturbance and impervious area	Recordkeeping including response to complaint accounting	Utilize GIS or another database to document response to calls and complaints	Staff time	Report # of complaints and outcome annually	To occur each year 2023/2024	Develop a response process and tracking system	
ID-7	Runoff from soil disturbance and impervious area	Complete Stormwater Master Plan	Develop a plan to complete this effort	Staff time	Report annual progress	2026/2027	Develop and follow a plan for progress	

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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. Measure success</i>	Status
MCM #4 Construction Site Runoff								
CS-1	Runoff from soil disturbance and impervious area	Coordinate with the development community regarding the need for a 1200-C permit provide educational material	Provide materials on the website and conduct site visits	Staff time and consultant	Report progress in yearly report	Ongoing to commence in 2023/2024	Develop a flyer for builders/developers. Use in field and post on website	
CS-2	Runoff from soil disturbance and impervious area	Develop an Erosion Control Ordinance which includes DEQ requirements and riparian setbacks	Ordinance requires consistency w/ 1200-C permit. Establish riparian setbacks	Staff time	Document annual progress	2029/2030	Report progress in each annual report	
CS-3	Runoff from soil disturbance and impervious area	Develop and enforce an escalating and response procedure to include qualifying construction sites	The response procedure will be linked to a process that applies to the ID, PC portions of the plan	Staff time	Report progress in annual report	2029/2030	Education will be emphasized prior to ordinance development. Develop draft	
CS-4	Runoff from soil disturbance and impervious area	Develop a tracking system	Will seek to eventually tie this process to GIS	Staff time	Report progress in annual report	2023/2024	Maintain annual tracking data Coordinate with Polk Co to receive permit applications for review and approval	

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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. Measure success</i>	Status
CS-5	Runoff from soil disturbance and impervious area	Annual training for PW person	Develop resource guide	Consultant	Report training and dates	Ongoing annually	Hold training and complete resource manual	
PC-1	Runoff from soil disturbance and impervious area	Develop an ordinance or other regulatory mechanism such as design standards to meet the post-construction requirements	Utilize DEQ resources and mirror what other municipalities have done.	Staff time – potential for engineering costs	Document progress annually	Complete by 2031/2032	Describe progress in the annual report	
PC-2	Runoff from soil disturbance and impervious area	Develop inspection and maintenance requirements for publically owned property	The plan should include a checklist for inspections	Staff time	Report annual progress	2032/2033	Add maintenance plan and protocol to GH manual	
PC-3	Runoff from soil disturbance and impervious area	Identify a location suitable for an LID project for stormwater from ROW	Field survey potential sites and install a PC feature	Small budget	Report annual progress	2026/2027	Locate site and design to take runoff from impervious surface. Use proper soil medium and plants	
PC-4	Runoff from soil disturbance and impervious area	Staff training	Annual staff training for involved personnel	Consultant Year 1	Report annual training activities	Ongoing starting in 2022/2023	Consultant to facilitate Year 1 training	

APPENDIX C – Annual Report 2022/2023

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. Measure success</i>	Status
GH-1	Pollution from municipal operations	Develop a Good Housekeeping Manual	The manual is a reference guide for operations personnel	Staff time w/ Consultant	Describe progress in the annual report	Complete by 2025/2026	Complete manual. Revise as needed	
GH-2	Pollution from municipal operations	Monthly Inspections at Shop Facility	Inspections will occur according to Good Housekeeping Manual in Yr 2	Staff time	Provide completion date and documentation for inspections to DEQ	Conduct inspections starting in 2023/2024	Conduct inspections according to the manual	
GH-3	Pollution from municipal operations	Street Sweeping	Continue street sweeping activities	Staff time	Provide annual activities in annual report	To occur each year starting in 2023	Evaluate practices to improve effort. Record quarterly removal totals. Explore the feasibility of additional support	
GH-4	Pollution from municipal operations	Catchbasin Cleaning	Develop a catchbasin cleaning program	Staff time	Evaluate practices to improve effort	To occur each year starting in 2023	Provide annual activities in annual report	
GH-5	Pollution from municipal operations	Annual training	Use resource materials or attend another event	Consultant	Record date, content, and employees	To occur each year starting in 2023	Describe progress in the annual report	

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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. Measure success</i>	Status
POLLUTANT: Temperature								
MCM #1 Public Education								
PE-1	Sediment loading and lack of shade	Post relevant PE materials to the City's website and other distribution methods	Utilize material from portfolio to make FAQ sheets, brochures, etc	Staff and consultant	Document materials and topics covered annually and discuss in annual report	Ongoing annually	Completion of multiple documents. Update routinely	
PE-3	Sediment loading and lack of shade	Participate in local annual event	Host a booth or event and document materials	Set aside small fund for promotional items	Document date of events and participation	Ongoing annually	Report number of materials handed out, date, and participation	
PE-4	Sediment loading and lack of shade	Tree City USA	Re-establish this activity. Arbor Day Celebration, outreach material.	Staff time and budgeting	Discuss event an educational material in annual report	Ongoing annually	Advertize the event, develop education material	
PE-5	Runoff from soil disturbance and direct discharge to waterway from riparian area	Partner with Luckiamute Watershed Council.	Communicate as to how Falls City can utilize their expertise	Staff time	Report annual progress in yearly report	Ongoing annually	Contact Director and discuss potential partnership activities	
PE-8	Runoff from pervious surface, or illegal discharge	Provide outreach and education materials to hobby farms, riparian property owners, and septic system owners	Collect property owner information and send direct mailing	Postage	Report # of mailings in annual report	2x during permit term	Send mailing in 2024 and in 2026	

APPENDIX C – Annual Report 2022/2023

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. Measure success</i>	Status
PE-9	Runoff from soil disturbance and direct discharge to waterway from riparian area	Reorganize the website	Sort educational material into groups for target audiences	Staff time	Redesign the website	2023/2024 Revise and update annually	Redesign the website and add information to make a more user friendly resource for the community. Add information specific to the temperature TMDL	NEW BMP
MCM #2 Public Involvement								
PI-1	Sediment loading and lack of shade	Maintain a website to post the most current environmental educational information	Post the TMDL Plan on the City website with educational material	Staff time	Post the plan in 2022 and post plan reports submitted to DEQ annually	To occur each year starting in 2022	Post new and updated material annually and report	
PI-2	Sediment loading and lack of shade	Annual presentation to City Council	Work Session presentation	Consultant and staff	Report progress in yearly report	To occur each year starting in 2022/2023	Content and date to be included in annual report	
PI-3	Sediment loading and lack of shade	Work with Luckiamute Watershed Council or SWCD	Use watershed council to identify restoration locations, or lead tree planting activity.	Staff time	Report progress in yearly report	Start conversations in 2024. Ongoing	Set meetings with watershed council	NEW BMP

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MCM #3 Illicit Discharge Detection and Elimination								
ID-2	Sediment loading and lack of shade	Develop an ordinance that prohibits non-stormwater discharges into the stormwater system	Utilize ordinances and programs from other agencies	Staff time involving legal	Provide DEQ annual progress on this BMP in the annual report	Complete by 2030/2031	Document annual activities. Use Phase II as guidance	
ID-3	Sediment loading and lack of shade	Develop and enforce an escalating and response procedure to include construction sites, illegal dumping and illegal connections.	The plan will include escalating steps of enforcement	Staff time	Report progress and final to DEQ	Complete by 2030/2031	Document annual activities	
ID-5	Sediment loading and lack of shade	Annual staff training	Annual training by existing staff. Take advantage of inexpensive regional training	Consultant in Year 1	Report training date, # of employees in attendance	To occur each year starting in 2022/2023	Conduct annual training – develop a schedule. Yr 1 training by consultant	
MCM #2 Erosion Control								
CS-2	Sediment loading and lack of shade	Develop an Erosion Control Ordinance which includes DEQ requirements and riparian setbacks	Ordinance and document need to be consistent with the 1200-C permit	Staff time	Document annual progress	2029/2030	Report progress in each annual report. Coordinate with Polk Co.	

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CS-3	Sediment loading and lack of shade	Develop and enforce an escalating and response procedure to include qualifying construction sites	The response procedure will be linked to a process that applies to the ID, PC portions of the plan	Staff time	Report progress in annual report	2029/2030	Education will be emphasized prior to ordinance development. Develop draft	
CS-5	Sediment loading and lack of shade	Annual training for PW person	Develop resource guide	Consultant	Report training and dates	Ongoing annually	Hold training and complete resource manual	
PC-1	Sediment loading and lack of shade	Develop an ordinance or other mechanism such as design standards to meet the post-construction reqs.	Utilize DEQ resources and mirror what other municipalities have done.	Staff time – potential for engineering costs	Document progress annually	Complete by 2031/2032	Describe progress in the annual report	
PC-2	Runoff from soil disturbance and impervious area	Develop inspection and maintenance requirements for publically owned property	The plan should include a checklist for inspections	Staff time	Report annual progress	2032/2033	Add maintenance plan and protocol to GH manual	
PC-3	Runoff from soil disturbance and impervious area	Identify a location suitable for an LID project for stormwater from ROW	Field survey potential sites and install a PC feature	Small budget	Report annual progress	2026/2027	Locate site and design to take runoff from impervious surface. Use proper soil medium and plants	

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PC-4	Sediment loading and lack of shade	Staff training	Annual staff training	Consultant in Year 1	Report annual activities	Ongoing starting in 2022/2023	Consultant to facilitate Year 1 training	
GH-1	Pollution from municipal operations	Develop a Good Housekeeping Manual	Include protocol for retention of trees and native vegetation along waterways	Staff time w/ Consultant	Complete manual	Complete by 2024	Staff review and revise to reflect Falls City needs	
PE-1	Runoff from pervious surface or degraded riparian area	Post relevant PE materials to the City's website and other distribution methods	Utilize material from portfolio to make FAQ sheets, brochures, etc	Staff	Document materials and topics covered annually and discuss in annual report	Ongoing annually	Completion of multiple documents on the website for the public to access. Update routinely	
PE-2	Runoff from pervious surface or degraded riparian area	SOLV Community River Clean up	City Staff and volunteers partner with SOLV	Staff time	Document event, date, number of participants and discuss in annual report	Ongoing annually	Advertise for event and record events	
PE-3	Runoff from pervious surface or degraded riparian area	Participate in local annual event	Host a booth or event and document materials	Set aside small fund for promotional items	Document date of events and participation	Ongoing annually	Report number of materials handed out, date, and participation	
PE-7	Runoff from pervious surface, or illegal discharge	Maintain pet waste stations	Maintain and stock stations	Funding for bags	Document in annual report	Ongoing annually	Record # of bags and maintenance activities	

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PE-8	Runoff from pervious surface, or illegal discharge	Provide outreach and education materials to hobby farms, riparian property owners, and septic system owners	Collect property owner information and send direct mailing	Postage	Report # of mailings in annual report	2x during permit term	Send mailing in 2024 and in 2026	
PI-1	Runoff from pervious surface or degraded riparian area	Maintain a website to post the most current environmental educational information	Post the TMDL Imp Plan and other educational information	Staff time	Post new and updated material annually and report	To occur each year starting in 2022	Post the plan in 2022 and post plan reports submitted to DEQ annually	
PI-2	Runoff from pervious surface or degraded riparian area	Annual presentation to City Council	Work Session presentation	Consultant and staff	Report progress in yearly report	To occur each year starting in 2022/2023	Content and date to be included in annual report	
ID-2	Runoff from soil disturbance and impervious area	Develop an inventory of stormwater assets and facilities	Field verify stormwater system to collect and locate assets and facilities	Staff time	Report progress in annual report	Ongoing annually	Collect information annually and keep records of locations, type, function, condition	

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ID-3	Runoff from soil disturbance and impervious area	Develop an ordinance that prohibits non-stormwater discharges	Develop a plan to meet the conditions of IDDE in 2022/2023	Staff time involving legal	Document annual progress	Complete by 2030/2031	Provide DEQ annual progress on this BMP in the annual report	
ID-4	Runoff from soil disturbance and impervious area	Develop an enforcement response plan	The plan will include escalating steps of enforcement	Staff time	Report progress and final to DEQ	Complete by 2030/2031	Document annual activities	
ID-5	Runoff from soil disturbance and impervious area	Annual staff training	Annual training by existing staff. Take advantage of inexpensive regional training	Consultant in Year 1	Report training date, # of employees in attendance	To occur each year starting in 2022/2023	Conduct annual training – develop a schedule. Yr 1 training by consultant	
CS-2	Runoff from soil disturbance and impervious area	Develop an Erosion Control Ordinance which includes DEQ requirements	Ordinance and document need to be consistent with 1200-C and/or 1200-CN programs	Staff time	Document annual progress	2029/2030	Report progress in each annual report	
CS-3	Runoff from soil disturbance and impervious area	Develop and enforce an escalating and response procedure to include qualifying construction sites	The response procedure will be linked to a process that applies to the ID, PC portions of the plan	Staff time	Report progress in annual report	2029/2030	Education will be emphasized prior to ordinance development. Develop draft	

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PC-1	Runoff from soil disturbance and impervious area	Develop an ordinance or other regulatory mechanism such as design standards	Utilize DEQ resources and mirror what other municipalities have done.	Staff time – potential for engineering costs	Describe progress in the annual report	Complete by 2031/2032	Document progress annually	
PC-2	Runoff from soil disturbance and impervious area	Develop inspection and maintenance requirements for publically owned property	The plan should include a checklist for inspections	Staff time	Report annual progress	2032/2033	Add maintenance plan and protocol to GH manual	
PC-3	Runoff from soil disturbance and impervious area	Identify a location suitable for an LID project for stormwater from ROW	Field survey potential sites and install a PC feature	Small budget for materials	Report annual progress	2026/2027	Locate site and design to take runoff from impervious surface. Use proper soil medium and plants	
PC-4	Runoff from soil disturbance and impervious area	Staff training	Annual staff training	Cost of training	Report annual training activities	Ongoing starting in 2022/2023	Consultant to facilitate Year 1 training	
GH-1	Pollution from municipal operations	Develop a Good Housekeeping Manual	Include protocol for retention of trees and native vegetation along waterways	Staff time w/ Consultant	Describe progress in the annual report	Complete by 2023/2024	Staff review and revise to reflect Falls City needs	

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GH-3	Pollution from municipal operations	Street Sweeping	Continue street sweeping activities	Staff time	Provide annual activities in annual report	To occur each year starting in 2023	Evaluate practices to improve effort. Record quarterly removal totals. Explore the feasibility of expanded service.	
GH-4	Pollution from municipal operations	Catchbasin Cleaning	Develop a catchbasin cleaning program	Staff time	Evaluate practices to improve effort	To occur each year starting in 2023	Provide annual activities in annual report	
GH-5	Pollution from municipal operations	Annual training	Use resource materials or attend another event	Consultant	Record date, content, and employees	To occur each year starting in 2023	Describe progress in the annual report	
Other Management Activities								
		Develop a sustainable stormwater fee	Review possible options including an impervious surface study	Staff time	Annual progress shall include options considered, and next steps	2025/2026	Provide annual activities in annual report	
		Complete annual reports	Develop document based on recordkeeping	Consultant	Complete and submit the annual report	By due date annually		

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		Evaluate public education activities according to WQMP	Choose 1 activity to promote and help lead other activities	Consultant	Review activities with staff and determine most effective activity and why	To be submitted with annual report		
		Annually evaluate implementation efforts and program progress	Review and evaluative actions (monitoring)	Consultant	Review and discuss with staff to plan changes for following year	To be submitted with annual report		
		Complete 5 th Year Assessment and Evaluation	Gather information based on recordkeeping and annual reports	Staff time	Complete assessment using DEQ guidelines	2026/2027		Completed in 2023 for 2018 thru 2022

Control Measures	
PE	Public Education
PI	Public Involvement and Participation
ID	Illicit Discharge Detection and Elimination
CS	Construction Site Runoff Control
PC	Post-Construction Runoff Control
GH	Good Housekeeping in Municipal Operations