



**City of  
McMinnville**

PUBLIC WORKS

# Stormwater Regulations

# Mercury Total Maximum Daily Load (TMDL)

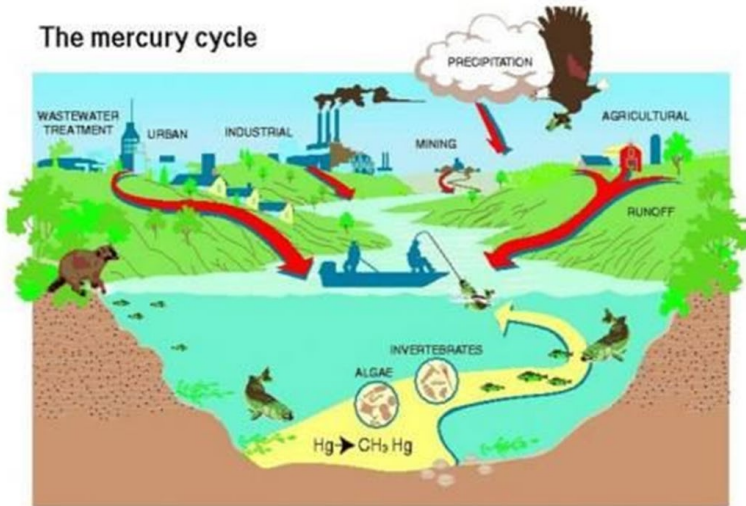
October 16, 2024

## Agenda

- History of the Willamette Mercury TMDL
- Development of the McMinnville Implementation Plan
- Approval and Adoption
- Six Control Measures
- Current Requirements
- Potential Future Requirements
- Potential Future Regulations

# History of the Willamette Mercury TMDL

The mercury cycle



1998 – Oregon DEQ identifies Willamette Basin as Impaired due to elevated levels of Mercury in fish

2019 – EPA Rejects DEQ's revised Mercury TMDL, calling for stricter guidelines

2021- City is notified of Designated Management Agency status

2006 – Mercury TMDL developed as an interim solution

2021- EPA finalizes DEQ's revised Mercury TMDL and includes Yamhill Valley

# Development of the Implementation Plan

- June – August 2021
  - Consultant selected to assist the City
- October 2021-August 2022
  - Several meetings held to establish existing conditions and outline implementation steps
  - Plan presented at City Council Work Session on August 9th
  - Final Draft of TMDL submitted for DEQ Approval on August 19
- November 2022
  - DEQ approved the City of McMinnville TMDL Implementation plan



# City of McMinnville

RFP for  
Development of  
the TMDL  
Implementation  
Plan



## REQUEST FOR PROPOSAL

QUALIFICATION BASED SELECTION (QBS) PROCESS  
FOR CONSULTING SERVICES RELATED TO:

### DEVELOPMENT OF THE WILLAMETTE BASIN MERCURY TMDL IMPLEMENTATION PLAN Project 2021-8

**PROPOSALS DUE:** July 23, 2021 by 5:00 p.m.  
**SUBMIT PROPOSAL TO:** Community Development Center  
City of McMinnville  
231 NE Fifth Street  
McMinnville, OR 97128  
**REFER QUESTIONS TO:** Larry Sherwood, Engineering Services Manager  
Desk: (503) 474-5119  
[Larry.Sherwood@cmcminnvilleoregon.gov](mailto:Larry.Sherwood@cmcminnvilleoregon.gov)  
**RFP ISSUE DATE:** June 25, 2021



Oregon  
EUREKA, CALIFORNIA

Department of Environmental Quality  
Western Region Eugene Office  
105 East 7th Avenue, Suite 300  
Eugene, Oregon 97401  
FAX (541) 465-7511  
TTY 311

Nov. 15, 2022  
Certified: T022 0410 0001 9324 0843

Arnie Pagano  
230 NE 2<sup>nd</sup> St  
McMinnville, OR 97128

Re: Department Order Approving the City of McMinnville Nonpoint Source Mercury TMDL Implementation Plan

Dear Arnie Pagano,

The Oregon Department of Environmental Quality approves the City of McMinnville Total Maximum Daily Load Implementation Plan (the "Plan") received on August 22, 2022. The City's Plan meets the implementation plan criteria as outlined in OAR 340-040-0200 and DEQ's 2019 Revised Mercury TMDL Water Quality Management Plan.

This approved 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 Plan implementation in order to document that the 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 McMinnville must:

1. Begin Plan implementation on Sept. 3, 2022.
2. Implement the best management practice activities it has proposed in the updated Plan.
3. Consult DEQ for approval on any changes to the Plan activities and timelines in advance.
4. Monitor, document, and report on progress in implementing the provisions of the Plan:
  - a. Submit annual reports to the Department by Dec. 1 each year. Reports should cover the previous months of implementation for October 1 through September 30.
  - b. Submit complete reports. Reports must contain sufficient information to enable the Department to assess reporting metrics, measurable goals, compliance with the provisions of the Plan, progress, and delays and challenges, towards implementing the Plan for meeting the TMDL load allocation.
5. TMDL implementation is an iterative process that continues every five years. The fifth report submitted, due on Dec. 1, 2027, must document 1 & 2 above and include information on the following:
  - a. A comprehensive review of overall Plan implementation progress over the previous years (September 3, 2022, through October 31, 2027).
  - b. Evaluation, in consult with DEQ, to determine whether strategies, timelines, or

DEQ Approval of  
the City of  
McMinnville's  
Implementation  
Plan

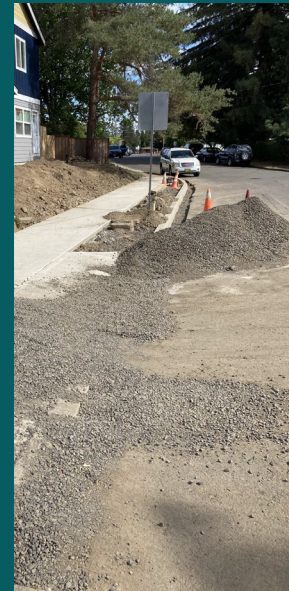
## **Council Adoption**

- Plan is not currently adopted by the Council
- Approved plan is an enforceable order from DEQ
- City is subject to enforceable violations
- Staff will bring the plan to Council for adoption on November 12, 2024



# Six Control Measures

- 1. Public Education**
  - Student outreach, FAQ's, website updates
- 2. Public Involvement**
  - Volunteer projects & outreach events
- 3. Illicit Discharge & Detection**
  - Responding to contaminant spills
- 4. Construction Site Runoff**
  - Minimizing runoff from construction sites
- 5. Post-Construction Runoff Control**
  - Ensuring long-term erosion control & maintenance
- 6. Good Housekeeping**
  - Ensuring that City Operations follow the same policies & procedures



# Implementation Target Dates



## 2023

Develop Resource Portfolio for outreach

## 2024

Mark Catch Basins using volunteer groups

## 2025

Develop an Ordinance to prohibit non-stormwater discharges into the stormwater system

## 2026

Develop Erosion Control ordinance, and develop or revise design standards for Post Construction regulations

## 2027

Submit 5-year evaluation for Review by DEQ

## Current Requirements: Staff Maintenance

- Conduct Street Sweeping
- Catch Basin cleaning
- Conduct shop inspections of Operations facilities
- Annual Outfall Inspections





# Current Requirements: Outreach

- Provide Educational Materials to the Development Community
- Maintain a website with updates
- Provide annual educational opportunities to students
- Two Stream Restoration Projects
- Support Yamhill Soil & Water Conservation District and other "friends" groups
- Mark catch basin grates using Volunteer Groups



Public Works & YSWCD staff met with students from Linfield's ENVSC senior class to discuss water quality



## Current Requirements: Staff Training & Reports

- Staff Training
  - Annual Internal PW Training
  - External CESCL Training
  
- Notify DEQ for projects requiring 1200-C
  
- Annual Report submitted to DEQ



### Storm System Maintenance Report

**Storm repairs completed:**   2  

- Re-graded manhole I-11-O
- Worked on Elk Creek pond to Mission Foods wetlands collapsed pipe

**Scheduled storm cleaning:** cleaned: 7,731'    Tv inspected: 7,594'

- St. Andrews area
- Root cutting list
- Main at 13<sup>th</sup> and Galloway to 14<sup>th</sup>
- Main at 12<sup>th</sup> and Galloway to 13<sup>th</sup>
- TV'ed Mid-Town storm to Lafayette Ave.
- Elk Creek pond to Mission Foods wetlands
- Worked on digging out ditches along NE Orchard Ave.
- Worked on cleaning culverts on NE Orchard Ave.

**Cleaned/inspected pollution control MHs/diversion structures:** 16

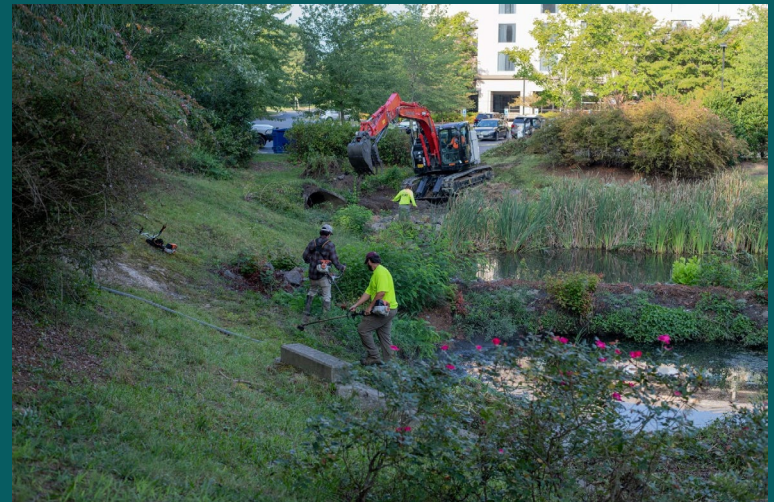
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| - F-8-AA  | - K-4-Y  |
| - E-7-O   | - I-3-N  |
| - G-11-AX | - E-8-AN |
| - G-6-AL  | - G-6-AQ |
| - F-6-AH  | - K-4-G  |
| - E-7-Q   | - K-5-X  |
| - F-G-AG  | - G -6-Y |
| - J-6-AR  | - I-9-AJ |

# Potential Future TMDL Requirements:

Likely increased Standards for each of the six control measures

Potential Examples:

- Mark 50 Catch Basins every year
- Add watershed education signage at wetland/detention ponds
- Conduct regular maintenance inspections private stormwater facilities
- Treat stormwater to meet specific water quality standards
- Develop a stream water quality monitoring program
- Incorporating TMDL into master planning efforts and capital projects



# Potential Additional Future Regulations:

## Temperature TMDL

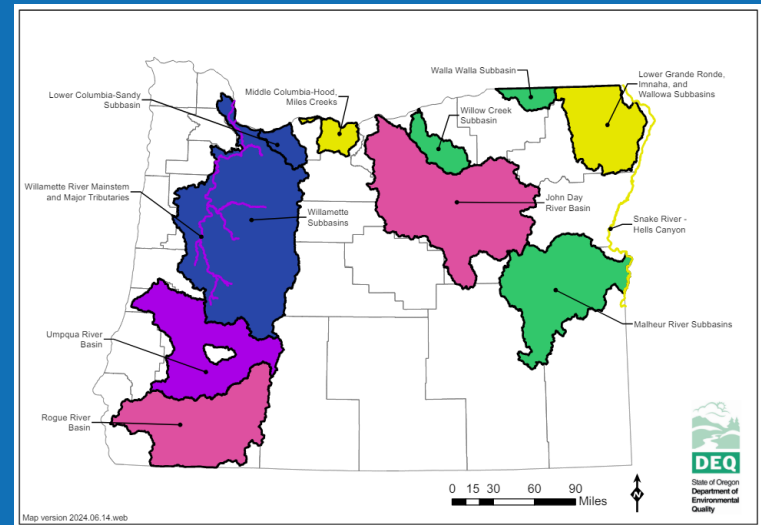
- DEQ's draft amendment to the temperature TMDL names the City as a Designated Management Agency (no implementation plan required at this time)

## Pesticide/Fertilizer Reduction Programs

- YSWCD has coordinated with City Parks on an Integrated Pest Management program, potential future regulation of Cozine Creek

## MS4 Permit

- MS4 Permit expected within the next 5-10 years





**City of  
McMinnville**

PUBLIC WORKS

**Questions?**

*Thank you*