



PUBLIC WORKS - OPERATIONS

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November 8, 2023

Priscilla Woolverton
Oregon Department of Environmental Quality - Western Region
Upper Willamette TMDL Basin Coordinator
165 7th Avenue E, Suite. 100
Eugene, OR 97401-3049

Dear Ms. Woolverton:

Willamette Basin TMDL Implementation Plan 2023-2028

Enclosed please find the City of Albany TMDL Implementation Plan for 2023-2028. This Plan is presented as an updated Implementation Matrix detailing the City's goals, timelines, and performance measures that will be used for tracking progress over the next five-year cycle.

Thank you for your assistance to City staff in the development of this updated matrix. If you have any questions regarding the City of Albany TMDL Implementation Plan, please contact Kristin Preston at 541-917-7635, or kristin.preston@cityofalbany.net.

Sincerely,

Chris Bailey
Public Works Director

CB:kb

Enclosure 1

c: Kristin Preston, Operation Manager (via email)
Jolene Willis-Lujan, Environmental Services Manager (via email)
Craig Prosser, Wastewater Superintendent (via email)

City of Albany
TMDL Implementation Plan 2023-2028

Receiving Waters: Willamette River, Calapooia River, Truax Creek, Burkhart Creek, Cox Creek, Periwinkle Creek, Oak Creek

Pollutant(s)	Source	Management Strategy	Interim Goals	Timeline	Tracking Performance Measures	Annual Progress Report
Temperature	Nonpoint Source: Ambient stream heating	Maximize tree shade on urban streams	Focus shade enhancement, shade protection and invasive management efforts on City-owned riparian areas and demonstration projects working with watershed partners , as opportunities arise	2023-2024 Assess existing projects 2024-2028 Identify stewardship projects and implement as opportunities arise	Document riparian areas planted, number of events conducted, number of plants planted, acres and linear feet treated, planted, or maintained.	
			Monitor short-term plant survival (at 2-3 years after planting) and ongoing maintenance activities on City-owned riparian area	Inspect existing projects at least one time per year to assess status	Survival rate in newly replanted areas, projects assessed, area maintained, or work performed	
			Educate the public on temperature and riparian issues through City programs, tours, and a tree and shrub giveaway program	Ongoing, annual tours, interactions 2023-2028 Continue to develop and expand nursery, distribute nursery grown shrubs and trees	Document interactions with the public; conduct tours and track visitors at Talking Water Gardens; track number of trees and shrubs distributed through tree and shrub giveaway program	
			Track and document implementation of Goal 5 (natural resources) and 6 (water quality) waterway setback protections	Ongoing, annual review	1) Track number of land use development permit applications property with natural resource overlay zones 2) Track how many of those applications involve a natural resource impact review	

**City of Albany
TMDL Implementation Plan 2023-2028**

Pollutant(s)	Source	Management Strategy	Interim Goals	Timeline	Tracking Performance Measures	Annual Progress Report
Bacteria	Nonpoint Source: Failing septic systems	Address failing private septic systems within city limits	Continue connection requirement for failing systems identified by Counties	Ongoing; annual review	Number of new sewer connections resulting from failed septic systems	
			Update GIS layer	Ongoing; annual review	GIS layer updated with new sewer connections	
			Contact Linn or Benton County Onsite Programs when failing septic systems are reported to the City's Public Works Department or discovered by the City	Ongoing; annual review	Document referrals to Counties	
		Educate homeowners about septic system maintenance and how to detect failure		Direct homeowners to information available from DEQ and Counties about septic system maintenance	Ongoing; annual review	Track materials distributed
	Nonpoint Source: Animal waste	Prevent animal pet waste from reaching waterways	Provide dog waste stations and educate the public as opportunities arise	Ongoing; annual review	Number or cost of dog waste bags distributed; new waste stations installed; outreach materials distributed	

**City of Albany
TMDL Implementation Plan 2023-2028**

Pollutant(s)	Source	Management Strategy	Interim Goals	Timeline	Tracking Performance Measures	Annual Progress Report
Mercury	Point Source: Permitted Discharges	Wastewater NPDES Permit MMP	The Albany-Millersburg Water Reclamation Facility NPDES permit renewal will require the development and implementation of a Mercury Minimization Plan (MMP), which meets the wastewater point source requirements of the mercury TMDL.	The AM-WRF permit is scheduled to be renewed in late 2024 , per DEQ's permit issuance plan. Ongoing; annual review after renewal.	Ongoing permit implementation and compliance	
		Stormwater MS4 Permit	Implementation of Albany's Phase II General MS4 permit meets the stormwater point source requirements of the mercury TMDL.	Ongoing; annual review	Ongoing permit implementation and compliance Add measureable goal of sending annual reports (MS4 and TMDL) to both DEQ program contacts	
		Dental Office BMP Program	Continue BMP certification program for new and existing dental offices as part of the Industrial Pretreatment Program. Incorporate into AM-WRF MMP once developed.	Ongoing; annual review	Materials distributed; inspections conducted; certifications received Dental Office BMP compliance captured in Industrial pretreatment annual report	
	Nonpoint Sources	Nonpoint Source Stormwater Runoff/Erosion	Albany implements its Phase II General MS4 permit requirements similarly throughout the City, both inside and outside of MS4 system, which includes non-point stormwater runoff.	Ongoing; annual review	Ongoing permit implementation and compliance of the six minimum stormwater control measures described in Table 13-11 of the Willamette Basin TMDL and WQMP - See the Mercury and Bacteria worksheet for specific details for each measure.	
		Educate schools, teacher and public on alternatives and disposal options for Hg-containing materials	Provide information to educators and public on alternatives to mercury containing products, information on disposal options, assist with replacement items in schools where possible	Ongoing; annual review	Outreach materials distributed, replacement items purchased for schools	

**City of Albany
TMDL Implementation Plan 2023-2028**

Pollutant(s)	Source	Management Strategy	Interim Goals	Timeline	Tracking Performance Measures	Annual Progress Report
Mercury and Bacteria	Nonpoint Source: Stormwater runoff/ Erosion (Six minimum Control Measures)	#1: Public education and outreach	Conduct public education/outreach to inform on impacts of stormwater discharges and steps to take to reduce pollution (mercury, bacteria, other) in stormwater runoff.	Ongoing; annual review	Events conducted; public reached; pounds of debris removed; plants planted Assess implementation progress and evaluate one education/outreach event annually	
			Provide stormwater education programs in local schools	Ongoing; annual review	Programs presented; number of students involved	
		#2 Public involvement/ participation	Provide opportunities for public to effectively participate in the development of stormwater control measures	Ongoing; annual review	Public notice requirements met Maintain/promote City website with stormwater education, implementation plans, and contact information	
		#3 Illicit Discharge Detection and Elimination (IDDE)	Provide a mechanism for public to report IDDE concerns and issues; respond to public complaints regarding IDDE	Ongoing; annual review	Track complaints received and follow-up actions Assess implementation progress annually	
			Maintain map of stormwater attributes (e.g., pipes, manholes, inlets, outfalls, SWQ facilities, etc.) in ArcGIS esri	Ongoing; annual review	GIS stormwater attributes updated Provide map to DEQ upon request	
			Prohibit non-stormwater discharges to stormwater through illicit discharge (and conditionally allowed discharge) ordinance enforcement (see City Municipal Code Chapters 12.10 Prohibited Discharges and 12.80 Enforcement https://www.cityofalbany.net/municipalcode)	Ongoing; annual review	Track enforcement actions Update enforcement procedures as needed	
			Provide education/outreach on IDDE to the public	Ongoing; annual review	Outreach materials for IDDE distributed; presentations on IDDE	
		#4 Construction site stormwater runoff control	Implement EPSC Program and standards required by the City's MS4 permit, revise manual as needed (see https://www.cityofalbany.net/pw/engineering/erosion-prevention-and-sediment-control)	Ongoing; annual review	EPSC permits issued, revisions to manual Assess implementation progress annually	

**City of Albany
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Mercury and Bacteria	Nonpoint Source: Stormwater runoff/ Erosion (Six minimum Control Measures)	#5: Post-construction stormwater management from new development and redevelopment	Implement the Post-Construction management program and standards required by the City's MS4 permit (see Division E-Stormwater Management https://www.cityofalbany.net/pw/engineering/engineering-standards)	Ongoing; annual review	Assess implementation progress annually	
			Ensure long-term maintenance and operation of BMPs	Ongoing; annual review	Post-construction facilities inspected, maintained	
			Ensure enforcement of the ordinance (City Municipal Code Chapter 12.45 Post-Construction Stormwater Quality see https://www.cityofalbany.net/municipalcode)	Ongoing; annual review	New facilities installed, private maintenance agreements issued	
		#6: Pollution prevention/good housekeeping for municipal operations	Maintain hazardous storage and management in compliance with RCRA, DEQ regulations	Ongoing; annual review	Hazardous materials inspections/reports	
			Obtain and maintain 1200-Z Industrial Stormwater General Permit(s)	Ongoing; annual review	Implement 1200-Z permit at Albany Municipal Airport	
			Provide annual training for City staff with potential stormwater impacts	Ongoing; annual review	Track dates of trainings and topics covered, employees trained	
			Stormwater system cleaning and maintenance activities	Ongoing; annual review	Catch basins cleaned, miles of street swept, storm lines cleaned	
			Prevent/reduce stormwater pollution (mercury, bacteria, sediment, other) from municipal operations activities	Ongoing; annual review	Procedures/policies developed Assess implementation progress annually	

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Pollutant(s)	Source	Management Strategy	Interim Goals	Timeline	Tracking Performance Measures	Annual Progress Report
All Pollutants	City Council support for water quality efforts	Ensure Council is aware of and supports TMDL requirements and city efforts to improve water quality	Matrix/ Annual Report/ Five Year Review presented to City Council	Ongoing; annual review	City Council meeting minutes/ confirmation that City Council is updated on annual basis	