

City of Coburg TMDL 2021 Annual Report
Waterways within Coburg are Muddy Creek Irrigation Ditch and the Mill Slough

Pollutant	Source	Strategy	Implementation	Benchmark	Measure	Expected Timeline	Amended Timeline	Status Update
Temperature	I. Solar radiation	1. Protect and enhance existing shading vegetation.	a. Maintain Goal 5 inventory and protect and enhance Coburg local wetlands and riparian area inventory listed in ordinance A-237.	Number of documented violations decrease overtime. Aerial photos of the inventory show increases in health vegetation.	Track the number of violations and follow-up actions. Document aerial photos or visual changes every other year	Year 1-5 continuation of ordinance enforcement; annual review Years 2 and 4: Assessment of aerial imagery; every other year	On going On going	No violations occurred We found that the photos collected did not show any loss of shading or enhancement. (Plants are still in early growth stages)
		3. Provide outreach and education to property owners about importance of riparian functions, protection and enhancement.	a. Include information in the city newsletter on a semi-annual basis.	Information to be included in newsletter is available for distribution	Track and document information included in newsletter	Years 1-5: Develop and distribute outreach materials twice a year.	On going	We provided Waste water do's and don'ts to help maintain the STEP System this helps to prevent potential overflows or illicit discharges. We also provided information about Noxious Vegetation.

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		4. Perform tree planting on available city property.	a. The city participates in an annual Arbor day celebration by planting trees with the local school children	Budgeted for annual Arbor day celebration activity.	Location and the number of trees planted.	Years 1-5: Trees planted on city property each year	On going	Due to Covid-19 the annual Arbor Day celebration event was cancelled. Public works and members of the Parks and Trees Committee planted 1 Tree at Pavilion park and 3 trees at Jacob spores park.
	II. Waste water Treatm ent plant dischar ge	1. Maintain low effluent temperature.	a. Maintain compliance with current NPDES permit requirements. Utilize the plants cooling water system to maintain lower temperatures.	Perform testing of the effluent discharge. File test results, Compliance benchmark with current NPDES permit.	Monitor effluent temperatures/tes t results.	Ongoing; annual review	On going	Data is recorded daily and reported to the DEQ monthly.

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Bacteria	III. Pet and animal waste	1. Reduce the amount of pet waste that is not properly disposed of.	a. Install additional pet waste stations b. Maintain current stations. c. Enforce existing pet waste pick-up ordinance ORD A-171.	Determine locations and prepare news release to inform residents about new stations. Review ordinance and complete pet waste station strategy Add more stations as space is available.	Pet waste stations installed. Track number of bags used or cost to supply bags on annual basis. Track the number of citations issued.	Year 1-5: Keep pet waste stations supplied and track enforcement of ORD A-171. Year 2-3: Installation of new stations in 2019-2020	On going	Stations are inspected daily and refilled weekly. The City of Coburg supplied an estimated 19,200 bags in 2021. One new units was installed at the Charter school and the unit at the fire hall was upgraded.

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	III. Waste water treatme nt plant.	1. Maintain compliance with the current NPDES permit for the facility.	a. Perform regular inspections and tests of the effluent quality leaving the plant.	Follow current Benchmarks set by the current NPDES permit. Perform the weekly Bacteria testing with QC.	Lab testing of effluent with tracking and filing of lab results.	Existing; on- going.	Ongoing	Benchmarks set by the current NPDES permit. Bacteria along with other required samples are analyzed weekly and reported to the DEQ monthly.
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Mercury	IV. Erosion and sedimentation	1. Develop bio swale management program.	a. Develop and implement a bio swale inspection program and schedule	1. Inspect bioswales on a quarterly basis or more often depending on conditions, e.g. heavy storms, draught etc. 2. Follow BMP for bio swale maintenance quarterly.	Fill out inspection forms. Track the number of inspections and repairs.	Year 1: Develop inspection program and schedule Year 2: Implement, and track inspections, issues and follow-up actions.	Ongoing	The existing bioswales are mowed and maintained to reduce noxious weeds. No repairs were performed or necessary in 2021 Work performed is as needed and tracked through IWORQ's work management software via work orders with the capability of logging hours, equipment used, notes, and photos.

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		2. Provide training opportunities for public works staff	a. Staff attend at least one training a year, e.g. training may include erosion and sediment control BMPs, inspection protocols, complaint response, and other topics related to program implementation.	Attend at least one course annually to ensure proper practices are being implemented.	Track and document courses attended, topics covered, and staff that attended	Year 1: Identify staff that will attend trainings, and which trainings or certifications will be pursued. Years 1-5: Staff will attend relevant training at least one time a year.	Ongoing	Public works performed a safety meeting reviewing PPE, Emergency response, and Sewer overflow training
		3. Reduce erosion and sediment from development	a. Require proof of DEQ 1200-C permit coverage for development activities that disturb one acre or more	Include 1200-C permit information in building permit packet or at permit counter	Track and document that all development that disturbs one acre or more has a DEQ 1200-C permit	Ongoing; annual review	Ongoing	1200C permits are required and approved prior to tentative approval. This is documented in the applicants permit paperwork.

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Mercury	V. Illicit Discharge	1. Enforce illicit discharge/illegal dumping ordinances; respond to and address illicit discharges	Enforce Nuisance Code A – 108 – I, which includes water pollution, placed waste, solid waste (debris) and other discharges	Continue to enforce ordinance	Track and document violations, follow-up and enforcement actions	Ongoing; annual review	Ongoing	Public works had an air relief vandalized resulting in a sewage leak into muddy creek. Standard procedures and emergency response training was used to fix, document, and report the incident.
			Develop a complaint form available at city hall and online for community members to report illicit discharges or illegal dumping; clearly identify on the city's website what phone number to call if someone has a concern about an illicit discharge or illegal dumping.	All complaints are to be responded to within three working days	Track complaints received and follow-up actions	Year 1: Develop complaint form; clearly identify phone number to call on city's website if someone has a report of an illicit discharge or illegal dumping. Year 2: Send a form to everyone in the local newsletter.	Ongoing	The City of Coburg has a citizen's inquiry form that is located at city hall and available on the city website. These forms are for citizens to inform the city of complaints and concerns. The form is filled out and recorded before being handed to the department head. Once the tasks are completed the form is recorded and a copy of the action taken is provided to city council.

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						Years 3-5: Continuous use of the form for complaints.		
	VI. Storm water Runoff	1. Develop and maintain up-to-date map of catch basins and stormwater conveyance system	a. Update map as needed	Map of stormwater conveyance system is current	Map of stormwater conveyance system is current	Year 1: Review all catch basins and other stormwater conveyance owned or maintained by the city and confirm system map is current Years 2-5: Update map as needed	Ongoing	Updates are performed via redlining paper field maps as needed along with As-Builts being added to map files. Public works is in the process of working towards implementing GIS software as time and funds allow.
		2. Catch Basin Cleaning and repair and maintenance of pipes and culverts	a. Perform inspections of existing pipes and culverts; clean catch basins on annual basis and repair infrastructure as needed	Catch Basins inspected and cleaned on an annual basis; repair pipe and culverts as needed.	Track Catch Basin cleaned per year, and number and locations of pipe and culvert repairs	Years 1-5: Perform inspections; track issues and repairs	Ongoing	Public works cleaned out the city owned catch basins. Lane County performs annual cleaning of the catch basins and manholes on Willamette and Peal St.

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All Pollutants	VII. Riparian restoration.	1. Engage with the Linn and Lane county soil and water conservation districts.	a. Attend meetings, record and file information gained. b. Meet with SWCD staff to discuss opportunities to better engage with Muddy Creek Irrigation District water users	Biannual attendance.	Track the number of meetings attended, document discussion and next steps for engaging irrigation district	Years 1-5: attend meetings two times a year. Years 1-3: Meet with SWCD(s) at least one time to discuss joint effort to engage irrigation ditch water users; document outcome(s) of meeting.	2021/Ongoing	Met with David Downing with Upper Willamette SWCD to discuss Tree planting options along muddy creek for 2022 Brian attended 3 Muddy creek irrigation meetings for various projects in Coburg.
	VIII. Storm water runoff	1. Develop storm water master plan	Create and adopt storm water master plan	Annual reviews of the plan.	Perform revision every five years.	Year 1: Develop draft plan. Year 2: Implement plan. Year 5: Review plan at least once every five years	unknown	Funding pulled
		2. Reduce debris and materials that enter stormwater conveyance system and	Determine feasibility of initiating a street sweeping program; provide street sweeping services.	Evaluate street sweeping program annually and develop funding needs	Develop cost analysis for a street sweeping program.	Year-1: complete a cost analysis of starting a street sweeping program; identify	Ongoing	Lane county currently sweeps the main roads in Coburg.

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		local waterbodies				<p>resources available or needed to support program.</p> <p>Year 2: If needed, develop and submit grant application to support street sweeping program.</p> <p>Year 2-5: Pending grant or budget, implement street sweeping program.</p>		<p>The City of Coburg passed a Transportation Utility Fee (TUF) to fund and will be ordering a street sweeper July - 2023.</p>
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All Pollutants	IX. Waste	1. Provide information for safe disposal/recycling option for items such as fluorescent bulbs.	a. Inform the public of events or locations to dispose of their hazardous waste.	Provide annual education to the public regarding the importance of proper disposal of hazardous items containing mercury.	Track and save records of events and newsletters sent regarding the locations.	Year 1-5: Ongoing; annual review	Ongoing	<p>The Coburg PD and Fire Dept. held a Shred-a-thon and drug take back event. These events were shared in the newsletter</p> <p>The Dumpster days put on by the Coburg community foundation was promoted in city newsletter.</p> <p>Information for Hazardous waste disposal was added to the Public works TMDL Tab on the city websites.</p>
		2. Determine the cities capacity to provide the public with an opportunity to dispose of hazardous waste.	<p>a. determine feasibility.</p> <p>b. Work with local partners to offer city wide clean-up annually.</p>	Local partnership established. Event held.	Track the volume of materials received and outreach and education about collection events	<p>Year 1: determine Feasibility and potential partnerships.</p> <p>Years 2-5: Based on feasibility</p>	Ongoing	The City of Coburg Strives to partner with the local Chambers and charter school to promote events via

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			c. advertise county wide collection events sponsored by county or other entities			study, provide annual collection event for community members. Years 1-5: Provide outreach and education through newsletter and/or website about collection events.		Facebook and the city newsletter. Events promoted were Dumpster days, drug take back, shred-a-thon, and leaf pickup
	X. Public outreach and education activities.	Inform the public of the impact they have on the TMDL.	Write an article in the local news letter on best practice management practices.	Address a topic on a biannual basis	Track outreach efforts	Year 1-5: Biannual	Ongoing	Articles for Sewer do's and don'ts, leaf pickup, and noxious vegetation were listed in newsletters and online but did not relate directly to TDML.
		Keep City Council aware of TDML program implementation, successes, challenges, and funding needs.	Present TMDL matrix and annual report or five-year review to City Council at least once a year	TMDL program staff are on the City Council meeting agenda	Document meeting presentation date and agenda	Years 1-5: annually	Ongoing	The annual report presented in a staff report to council annually.

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		2. staff training in spill response.	Provide spill training and refresher courses to staff initially responding to spills.	Perform annually.	Track the number of staff in attendance.	Year 1-5 annually	Ongoing	Public works performed a safety meeting/Debrief to review the Standard operation procedures and emergency response for a Sanitary overflow that occurred on N. Industrial.

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		3. Promote staff education related to Environmentally friendly solutions	Participate in and attend environmental and water quality related professional meetings and conferences.	Attend at least one meeting or conference annually	Track the number of meetings and staff in attendance	Year 1-5 annually	Ongoing	Staff continues to learn daily the importance of operating a water and wastewater facility. Two members attended a water and wastewater conference in Eastern Oregon Via Zoom.
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