

Year 2 Implementation Report

TMDL Implementation Tracking Matrix: Independence, Oregon

Independence has legal authority over land use on 1,344 acres within the City's limits. The Willamette River runs 3.6 miles along the east side of the City.

POLLUTANT <i>What pollutants does the TMDL address?</i>	SOURCE <i>What sources of this pollutant are under your jurisdiction?</i>	STRATEGY <i>What is being done, or what will you do, to reduce and/or control pollution from this source?</i>	HOW <i>Specifically, how will this be done?</i>	FISCAL ANALYSIS <i>What is the expected resource need? Are there existing resources budgeted? If not, where will the resources come from?</i>	MEASURE <i>How will you demonstrate successful implementation or completion of this strategy?</i>	TIMELINE <i>When do you expect the strategy to be completed?</i>	MILESTONE <i>What intermediate goals do you expect to achieve, and by when, to know progress is being made?</i>	STATUS <i>Include summary and date.</i>
Temperature	1. Solar radiation input	a. Protect and enhance existing shading vegetation	Development code (Subchapter 54) contains riparian setback requirements	Private Development Funds	Enforce code requirements Track the number of violations	On-going	Compare aerial photographs at five-year intervals to determine the current state of and changes to riparian areas	On Going - No Violations
			Provide formal support and recommendations for community riparian tree planting projects	Staff time/minimal resources needed	Track number of community riparian tree planting projects	On-going	Formal support provided for community riparian tree planting projects	On Going - No New Projects
			Add information on shading vegetation and water temperature on City website and City Hall front counter	Staff time	At least one web page with information and one fact sheet at front counter	November, 2011-2012	Materials have been reviewed and selected. Printing has been approved.	Not Yet Begun - City Website to be Redesigned
			Continue to enhance riparian corridor along proposed Ash Creek Trail	Stormwater Utility Funds/grant	Trees procured and planting areas designated	On-going	Planting complete	Ash Creek Trail Project on Hold for 2011-12. Lack of funding.
		b. Work with Luckiamute Watershed Council to initiate riparian tree plantings	Contact Luckiamute WC and discuss options	Staff time/minimal resources needed	Meet with Luckiamute WC and come up with list of possible projects	November, 2011-12	At least one riparian tree planting project completed every two years	We have approved one new project
	Provide formal support (and resources as available) for watershed council projects		Staff time/minimal resources needed	Track the number of watershed council projects on which the City is a partner	On-going	Formal support provided for watershed council projects	On-going	
2. Wastewater treatment plant discharge	No discharge between June 1st and October 31st. Maintain effluent low temperatures (monitoring indicates compliance)	Maintain compliance with NPDES permit requirements	Sewer Operations and Maintenance Funds	Monitor effluent and river temperatures as a condition fo the DEQ discharge permit which requires twice weekly grab sample	On-going	Effluent affects to Willamette River limited	2011-2012 Discharge Limits Remain in place. Facility Planning Update Begun	
Bacteria	1. Pet and animal waste	Reduce amount of pet waste that is not properly disposed of	Install pet waste stations including bags, education signs, and other information	Park Funds/donations	At least ten pet waste stations installed, and information posted on City's website	On-going	Determine locations and prepare news release to inform residents about new stations	Ongoing. 2010-2011. One Pet Waste Station Installed. Website Upgrade 2011-12
	2. Bacteria carried to waterways in storm runoff	a. Treat new development stormwater before discharge	Stormwater Management Plan (City Code Subchapter 55) requires preventions to adverse downstream water quality impacts	Storm Utility Funds/minimal staff time	Enforce code requirements Track the number of violations	On-going	Review ordinance and coordinate with Stormwater Management Plan Update	2010-11 No Violations. 2 New Developments Incorporated Pre-Treatment
			Development code (Subchapter 54) contains landscaping requirements	Staff time/minimal resources needed	Enforce code requirements Track the number of violations	On-going	Review ordinance with code enforcement officials	2010 No Violation of DEV Code
			Update existing Stormwater Management Plan (City Code Subchapter 55) with pollution reduction strategies	Storm Utility Funds/staff time	City Council adopts updated Stormwater Management Plan that includes water quality protection mechanisms	November, 2012-13	Work plan developed for update process. Research water quality consideration and ways to incorporate into plan	Not Yet Begun
				Create stormwater system map and identify areas where water quality project actions would have the greatest benefit	Storm Utility Funds/staff time	Map produced and incorporated into future planning efforts	November, 2012-13	Mapping complete. High priority areas identified. Plan and map adopted.
	d. Prevent dumping into storm drain	Mark storm drains	Storm Utility Funds/staff time	Number of markers installed	On-going	Design of markers selected	350 yet to be Installed	
3. Wastewater treatment plant discharge	Maintain low bacteria levels in WWTP effluent	Treatment and chlorination in compliance with NPDES permit requirements.	Sewer Operations and Maintenance Funds	Monitor E. coli bacteria levels as condition of NPDES permit. Weekly grab sample.	On-going	Effluent effects to Willamette River limited	2010-11 WWTP Is In Compliance With Bacteria Standards	