

TMDL Implementation - Temperature

City of Independence: TMDL Implementation Tracking Matrix							
Pollutant: Temperature							
SOURCE	STRATEGY	HOW	FISCAL ANALYSIS	MEASURE	TIMELINE	MILESTONE	STATUS
<i>What sources of this pollutant are under your jurisdiction?</i>	<i>What is being done, or what will you do, to reduce and/or control pollution from this source?</i>	<i>Specifically, how will this be done?</i>	<i>What is the expected resource need? Are there existing resources budgeted? If not, where will the resources come from?</i>	<i>How will you quantitatively or qualitatively demonstrate successful implementation or completion of this strategy?</i>	<i>When do you expect it to be completed?</i>	<i>What intermediate goals do you expect to achieve, and by when, to know progress is being made?</i>	<i>Include summary and date.</i>
Lack of shading in riparian areas (solar radiation)	Protect and enhance existing vegetation in riparian areas	Development code (Subchapter 54) contains riparian setback requirements	Private Development Funds	Planning Department to enforce code requirements and track the number of violations	Ongoing	Compare aerial photographs (Google Earth) at five-year intervals to determine the current state of and changes to riparian areas	Ongoing - Current state of riparian areas are healthy and look to be thriving from past 5 years.
	Protect and enhance existing vegetation in riparian areas	Provide formal support and recommendations for community riparian tree planting projects	Stormwater budget allocates funds to Luckiamute Watershed Council for work in Ash Creek	Receive yearly report from Luckiamute Watershed Council on improvements completed during the year	Ongoing	Ongoing financial support provided for riparian tree planting projects	Ongoing. Funding
	Protect and enhance existing vegetation in riparian areas	Add information on shading vegetation and water temperature on City website and City Hall front counter	Staff time for website updates and printing costs for flyers	At least one web page with information and one fact sheet at front counter	Ongoing	Monitor materials at front counter and restock as needed	Completed. Info materials available to public at City Hall and on the city website
	Protect and enhance existing vegetation in riparian areas	Continue to enhance riparian corridor along proposed Ash Creek Trail	Stormwater Utility Funds, Parks Funds, grants	Number of trees procured and planting in designated areas	Ongoing	Planting completed for FY 2021-22.	Ongoing. LWS projects-ly clearing and spraying of invasive species.
	Partner with watershed groups; Luckiamute Watershed Council	Maintain contact with Luckiamute Watershed Council for project participation	Staff time for coordination and dedicated stormwater funding	Meet with Luckiamute Watershed Council and identify possible projects	Ongoing	Budget for designated projects and provide funding	Ongoing. Budgeted \$2500 for FY 22-23
		Provide formal support (and resources as available) for watershed council projects	Stormwater Utility Funds, Parks Funds, grants	Track the number of watershed council projects on which the City is a partner	Ongoing	Formal support provided for watershed council projects	Ongoing. Spent \$2500 for LWC projects in FY 21-22
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 Utility Funds	Monitor effluent and river temperatures as a condition of the DEQ discharge permit	Ongoing	Meet NPDES permit requirements	Ongoing, no discharge to river June 1-Oct 31, 2022. Spray effluent 42.5 million gallons from July 19-Sept 20, 2022 to RWUF (Lafayette Farms)