

**City of Scio
2018-2023 TMDL Matrix
Receiving Waters: Thomas Creek**

POLLUTANT	SOURCE	STRATEGY	HOW	FISCAL ANALYSIS	MEASURE	TIMELINE	MILESTONE	STATUS
Temperature	Wastewater Treatment Plant	Maintain low effluent temperatures	Meet the requirements of the DEQ Discharge Permit	Annual budget	Monitor effluent as required with the renewal of the NPDES DEQ Permit	Progress will be made on timeline determined with the renewal of the NPDES DEQ Permit	Ensure that compliance is met so that the effluent does not impair the Thomas Creek	
	Stream bank Vegetation	Preserve and enhance natural stream bank vegetation	Conduct outreach and education to property owners about importance of protecting and maintaining riparian vegetation through City Website and other outreach efforts; monitor streamside vegetation within city and identify opportunities to increase streamside vegetation	Annual budget	Document outreach activity dates and efforts on an annual basis Document methodology used to assess streambank vegetation Report on baseline conditions and changes to streamside vegetation on annual basis. Changes will be captured by documenting changes in linear feet of streamside vegetation that has been lost or enhanced. Identify measures taken to mitigate for loss of streamside vegetation	Annual Review	Year 1: Outreach materials are developed and information is made available on city website. Year 2: Develop monitoring program for streambank vegetation and conduct baseline assessment Year 3: Fully Implement outreach efforts based on baseline assessment Years 4-5: Continue outreach campaign and monitoring.	
Bacteria	Pet and Animal Waste	Reduce Pet Waste Runoff	Install pet waste signs and pet waste dispensers in city parks Education via city website	Annual budget / Grants	Number of pet waste bags and cost of maintaining pet waste dispensers is tracked on an annual basis	Annual Review	Sign and waste bag dispenser installed in all city parks	
	I & I of City's Wastewater System	To reduce inflow and infiltration	Annual inspection of sewer lines	Annual budget	Recorded maintenance on repaired manholes and collection system	Ongoing	Annual evaluation and prioritization of necessary repairs	
			Provide a way for community members to report illicit discharge complaints or concerns	Annual budget	Document complaints received and City's follow-up actions; Phone number to call-in complaints or concerns about illicit discharges is provided in annual newsletter or similar and on website	Ongoing	Phone number identified on City website as contact for reports of illicit discharge reports	
	Septic Systems	Ordinance # 403 hook-up to public wastewater	New developments-enforced by final inspection	Review & record program cost	100% city hook-up to city wastewater system	Ongoing	Maintain enforcement	
Provide outreach and education to property owners and residents within city limits by way of city website		Maintain a list of properties that have septic systems; Provide information on city website regarding resources, e.g. Craft3 Clean Water Loans	Annual Budget	Document outreach and education provided to residents that have septic systems	Annual	Develop or identify already existing materials that can be used for outreach		

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Mercury	Sediment and Erosion Control	Decrease sedimentation and erosion from new construction and redevelopment	Develop post-construction stormwater requirements form new construction and re-development	Annual budget	Year 1: Document gaps in existing development code and ordinances as they relate to sediment and erosion control and post construction stormwater runoff Years 2-3: Complete draft post-construction requirements Years 4-5: Document process of code/ordinance adoption: city council meeting agenda	Ongoing	Year 1: Review current sediment and erosion control requirements and identify gaps Years 2-3: Draft post-construction requirements for new and re-development Years 4-5: Adopt and implement post-construction requirements	
		Outreach and education about erosion and sediment control requirements	Conduct outreach and education about new requirements	Annual budget	Years 1-5: Develop a fact sheet or similar for developers and community members about new requirements	Ongoing	Begin outreach in Year 1 and continue through Year 5	
All Pollutants	Chemicals/Fuel/Hazardous Materials	Continue working with community on annual clean-up days	Participate in Cleanup Day on an annual basis	Annual budget / Grants	Document annual Cleanup day and associated civic group participation	Annual	Advertise upcoming Cleanup Day on City website and outgoing water bills	
	Pollutants carried to waterways in storm water	Prevent pollutants from entering stormwater system and other waterways by routine street sweeping and catch basin maintenance	Street sweeping	Annual budget / Grants	Maintain Public Works schedule for Street Sweeping and cost	Seasonal	Sweep Streets as needed through season	
			Catch Basin Cleaning	Annual budget/ Grants	Clean catch basins as needed	Seasonal	Clean Catch Basins as needed	
		Stormwater system map is up to date	Maintain updated stormwater system map, including drainage ways and ditches that convey stormwater	Annual budget	Year 1: Confirm stormwater system map is up to date; revise as needed	Annual		
		Outreach and Education	Provide Water Quality information on City's website	Annual budget	Year 1: Make city's TMDL Matrix available on city's website; provide links on city's website to information that educates community members about different actions they can take to protect water quality	Annual		