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| **City of Scio – 2019 TMDL Matrix – 08/17/2020 - Final** |
| POLLUTANT | SOURCE | STRATEGY |  HOW  | FISCAL ANALYSIS | MEASURE  | TIMELINE | MILESTONE | STATUS |
| Temperature | Sewage Treatment Plant | Maintain low effluent temperatures | Meet the requirements of the DEQ – NPDES Discharge Permit  | Annual budget | Monitor effluent as required with the renewal of the DEQ NPDES 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 Thomas Creek | *Progress will be made on timeline determined with the renewal of the NPDES DEQ Permit* |
| 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 basisDocument methodology used to assess streambank vegetationReport 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 vegetationWork with TMDL Temperature Replacement Program to ensure all temperature data is submitted properly, if needed. | 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 assessmentYear 3: Fully Implement outreach efforts based on baseline assessmentYears 4-5: Continue outreach campaign and monitoring.Summer of 2020 | *Yr. 1 – Done**Yr. 2 – No progress made this past year. Currently working with DEQ, Temperature TMDL Replacement Project Team to ensure that Scio is in compliance with DEQ/EPA and NetDMR* |
| 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 parksAdded an additional Waste Dispenser at our community walking bridge | *Dispenser added, with waste bags.*  |
| 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 systemBegan a rotation of TVing sewer lines – one-two quadrants of town per fiscal year | Ongoing | Annual evaluation and prioritization of necessary repairsNorthwest Quadrant of City TV-scope completed will use film to produce new maps of the sewer lines, including manholes and catch basins | *Paid out $3700.00 for TVing and line maintenance - TVing to continue over the next two fiscal years- once TVing has been complete in all four quadrants city will move forward with a capital improvement project to replace or reline pipes. 2-3 yrs out*  |
| 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. Will use the data from the new Wastewater Masterplan to determine how to deal with I&I | Ongoing | Phone number identified on City website as contact for reports of illicit discharge reports | *Dyer Partnership Engineers and Planners working on New Wastewater Masterplan – Approved by Scio City Council, waiting on DEQ Approval in late spring 2020* |
| 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 | *This is an ongoing process, monitored as home owners notify city of property upgrades.* |
| 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 | *City Continues to work with various property owners on how to maintain their septic systems.**NO contact with Linn County needed..* |
| **City of Scio – 2019 TMDL Matrix (page 2)** |
| POLLUTANT | SOURCE | STRATEGY | HOW | FISCAL ANALYSIS | MEASURE | TIMELINE | MILESTONE | STATUS |
| 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 runoffYears 2-3: Complete draft post-construction requirementsYears 4-5: Document process of code/ordinance adoption: city council meeting agenda | Ongoing | Year 1: Review current sediment and erosion control requirements and identify gapsYears 2-3: Draft post-construction requirements for new and re-developmentYears 4-5: Adopt and implement post-construction requirements | *Still working with City Engineer and City Planner on how Sediment and Erosion Control may effect new construction and upgrades to older homes.**Will attempt to begin work on post –construction requirements this year. Time and $$’s with engineer and planner has been reduced and tasks reprioritized due to Covid-19* |
| 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 | *Compile and distribute pamphlet about erosion and sediment control in Oct/Nov of 2020* |
| 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, also used a quarterly newsletter to communicate cleanup days. | *Done* |
| 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 seasonPurchased a used street sweeper in June of 2019 to assist with street maintenance | *Done, $20K* |
| Catch Basin Cleaning | Annual budget/ Grants | Clean catch basins as needed | Seasonal | Clean Catch Basins as needed  | *Done* |
| 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 | Currently working on map upgrades for all maps associated with the Wastewater/sewer system | *active* |
| 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 | Completed in 2019 | *Done* |