

Table 1. TMDL Implementation Matrix (2021 to 2026): Pollutant = Bacteria

| Strategy                                                                                                      | How                                                                                                        | Fiscal Analysis                                                         | Timeline                                 | Performance Measure                                              | Milestone                                                                             | Status                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source: Bacteria carried into waterways in stormwater runoff and erosion control: Pollution Prevention</b> |                                                                                                            |                                                                         |                                          |                                                                  |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Ensure catch basins are cleaned up and garbage disposed of properly</b>                                    | Annual cleaning of the catch basins in city limits                                                         | Labor and equipment costs                                               | Annual                                   | Before and after tracking of garbage in catch basins             | Less pollutants entering the system. Less garbage and debris in the basins every year | PW inspected and monitored the amount of solids entering 54 catch basins for the year 2023 on 9/20-10/5. We continue recording a before and after debris removal analysis report. The results for this year were at 165.0 inches. PW also provided newsletter articles and available in the City's website about litter and pollutants entering storm drain systems (3/2023,4/20203,9/2023).<br><b>Strategy Completed.</b> |
| <b>Ensure street litter is disposed of properly</b>                                                           | Monthly Cleaning of Streets                                                                                | Outside service                                                         | Monthly                                  | Track number of complaints about street garbage                  | Less complaints received                                                              | The City hires an outside service to sweep city-owned streets monthly. For the year 2023, the dates were the following: 1/23-2/27-3/27-4/24-5/22-6/26-7/24-8/28-9/25-10/23,11/27, 12/21.<br><b>Strategy Completed.</b>                                                                                                                                                                                                     |
| <b>Ensure street litter and park litter is disposed of properly</b>                                           | Manually picking up garbage on streets and in parks. Provide street side garbage cans maintained by City   | Labor – garbage bags/pickers (supplies). Pay for City garbage cans      | Daily/on- going                          | Less garbage throughout the streets and more garbage in the cans | Cleaner City. Garbage cans being used more often                                      | PW staff picks up garbage in parks, streets and empties cans daily. For the year 2023, the City bought 200 garbage bags for street garbage cans and parks on 9/5/2023. Litter and Cleanup of Parks and Streets on newsletter articles for public education (3/2023).<br><b>Strategy Completed.</b>                                                                                                                         |
| <b>Minimize Animal Waste on streets and in parks</b>                                                          | Encourage residents to clean up after their pets, with notice in Newsletter and public notification boards | Costs of labor + waste bags, replacement of stations (when vandalized). | Ongoing for the 2021 to 2026 plan period | Track/Record any Complaints                                      | Fewer complaints and staff picks up less waste off streets/parks                      | The City had no recorded complaints for 2023. Therefore, the two dog waste stations located at both City parks continue to work. on 3/20/2023, the City purchased 4000 bags for the bag dispensers. Public Works printed articles during this period on the newsletters about the importance of pickup after your pets on 4/2023. PW monitors and picks up waste if seen.<br><b>Strategy Completed.</b>                    |

| Strategy                                                                        | How                                                                | Fiscal Analysis                                                         | Timeline                                                                                                 | Performance Measure                                     | Milestone                                          | Status                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Encourage the public to use bathroom facilities</b>                          | Provide portable bathroom facilities year round in parks           | Portable bathrooms- outside service                                     | Year round/ on-going                                                                                     | Visual inspection that bathrooms are being used         | No complaints of public not having bathroom access | The City has an ADA portable bathroom at City's Skate Park and a permanent restroom at Hometown Park. Both restrooms are available year-round. PW inspects, cleans, and replenished supplies daily and as needed.<br><b>Strategy Completed.</b>                                                                                                                                                                                    |
| <b>Ensure proper functioning of septic tanks and prevent tanks from failing</b> | Visual inspection of interior of tanks after they are pumped       | Outside service paid for pumping and city labor for interior inspection | Once for each tank every 5 years or more frequently if required. Managed under the sewer permit program. | Less emergency calls where septic tanks are leaking out | Less sewage run off onto the ground                | The City has an established a septic tank pumping program that divides all septic tanks into 5 zones. The zone map is on the website <a href="http://www.donaldoregon.gov">www.donaldoregon.gov</a> . PW inspected 61 tanks for zone #2 and made 72 repairs in the collection system for the year. Published an article on newsletter 1/2023, 9/2023, and 12/2023 for public education.<br><b>Strategy Completed.</b>              |
| <b>Reduce Runoff from New Construction</b>                                      | Builders must follow Stormwater Standards and Erosion Control BMPs | Building Permits Fees Marion County review                              | Ongoing for the 2021 to 2026 plan period                                                                 | Track/Record any Complaints                             | No Violations Recorded                             | The City in conjunction with Marion County oversees all new building projects. The City of Donald Building permits process goes through Marion County Building Inspection. Civil site plan and SWMP review conducted by City Public Works Director and City Engineer. We Currently have two building projects and construction is meeting all run off and erosion control requirements from the City.<br><b>Strategy Completed</b> |
| <b>Prevent Illegal Dumping</b>                                                  | Educate Public                                                     | Existing Newsletter / No Additional Cost                                | Ongoing for the 2021 to 2026 plan period                                                                 | Educate Public                                          | No Violations Reported                             | The City is currently posting educational material about preventing illegal dumping and run off pollution in newsletters 3/2023,9/2023 and on community boards as well as on City's website. Also, the City held two cleanup day events on 4/22/2023 and 9/9/2023 to reduce amount of garbage in properties and prevent illegal dumping.<br><b>Strategy Completed.</b>                                                             |

| Strategy                                                                   | How                                                                                          | Fiscal Analysis                                                                                      | Timeline                                    | Performance Measure                                     | Milestone                                                                                             | Status                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Document all storm drain outfalls</b>                                   | Update Stormwater Master Plan with outfalls installed since 1990                             | Outside consultant and staff labor                                                                   | 2023                                        | Budget for consultant work in 2022                      | City Council adopts updated plan in 2023                                                              | The City is in the process of updating the Stormwater Master Plan. The plan will be completed by the end of 2024.<br><br><b>Strategy in Progress.</b>                                                                                                                                                                                                                                                                             |
| <b>Public Involvement to remove litter</b>                                 | Create a local Adopt a Road Program                                                          | Work with other cities to see samples. Pay city attorney and city insurance agent. Supplies          | People and companies sign up to be involved | Next year get people to join program                    | People volunteer and less garbage in streets – also less labor costs                                  | The City recently established an Adopt a Road Program but needs volunteers to sign up.<br><br><b>Strategy in Progress.</b>                                                                                                                                                                                                                                                                                                        |
| <b>Youth learning to pick up garbage to protect environment for future</b> | City staff encouraging youth to pick up garbage after the summertime lunch in the city park  | City labor and garbage supplies                                                                      | Tracking complaints                         | Summers                                                 | Less garbage left behind after lunch program                                                          | The City staff showed up at parks during the month of July-August for summer school lunches and encourage kids to pick up their litter and provide education about litter and the environment.<br><b>Strategy Completed.</b>                                                                                                                                                                                                      |
| <b>Remove excess garbage/ debris from private properties</b>               | Code Enforcement and City-Wide Garbage Sale Event- Offer Free Garbage Dump Day               | City labor + advertising for event                                                                   | Less junk/ pollutants on private properties | Code Enforcement: Ongoing and Dumpster/ Event: Annually | Less complaints and junk on properties and visually better                                            | City staff currently responds to complaints from residents about accumulation of junk and debris on private properties through code enforcement. We issue 3 code compliance citations and all three were corrected. The City had two City Wide Cleanup Day Events on 4/22 and 9/9. Both of these programs are being effective and has reduce the number of complaints and code enforcement actions.<br><b>Strategy Completed.</b> |
| <b>Create a System Development Charge (SDC) for Stormwater</b>             | Outside consultant driven process makes a capital improvement plan and gets Council approval | Pay outside agency to do work. In future there will be funding to pay for increased demand on system | SDC adopted by City Council in 2021         | Track money received by developers                      | Money accruing in the SDC- Storm Water Fund. Being able to fund additions to the system in the future | Stormwater SDC adopted by City Council in 2021. Ever since the City has collected \$20,171. Stormwater Master Plan being completed to identify capital improvement projects and budget for it to be able to utilize the funds<br><b>Strategy Completed.</b>                                                                                                                                                                       |

| Strategy                                    | How                                                            | Fiscal Analysis         | Timeline | Performance Measure | Milestone                               | Status                                                                                                                                                                                                                                                                                                                             |
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| <b>Source: Wastewater Treatment Lagoons</b> |                                                                |                         |          |                     |                                         |                                                                                                                                                                                                                                                                                                                                    |
| <b>Dispose of Effluent by Irrigation</b>    | Follow Conditions of Water Pollution Control Facilities Permit | Sanitary Sewer Billings | Ongoing  | Sampling            | Meet Sampling and Reporting Requirement | The City is currently complying with all DEQ Sampling requirements and special conditions listed Recycle Water Use Plan and WPCF permit. During 2023 irrigation process, we performed 24 bacterial samples and all results came back with 0 bacteria present. No violations of permit were received.<br><b>Strategy Completed.</b> |

**Table 2. TMDL Implementation Matrix (2021 to 2026): Pollutant= Temperature**

| Strategy                          | How                        | Fiscal Analysis                                  | Timeline | Performance Measure                        | Milestone                                        | Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Source: Sun (Solar Inputs)</b> |                            |                                                  |          |                                            |                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Provide Shading</b>            | Plant trees and vegetation | Landscape Requirements per Development Ordinance | Ongoing  | More greenery in town via new developments | Monitor planting to ensure growth and durability | City has a tree list and landscape requirements for new development. The City is currently working with new construction of a subdivision called Harvest Garden. The concept of this new development is built around a working farm style community for a closer engagement with nature and a farm-to-table relationship with food, which brings lots of tree planting, landscaping and vegetation. Websites to search for more info on this subdivision.<br><a href="https://www.hghomestead.com/">https://www.hghomestead.com/</a> .<br><a href="https://www.forrestridgehomes.com/harvestgardens">https://www.forrestridgehomes.com/harvestgardens</a><br><b>Strategy Completed.</b> |

| Strategy                                        | How                                                                                                          | Fiscal Analysis                                           | Timeline | Performance Measure                 | Milestone                                     | Status                                                                                                                                                                                                                               |
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| <b>Provide continual shading for many years</b> | A list of trees approved for public planting so they do not disrupt sidewalks/streets and have to be removed | Working with Arborist and changes to the development code | Ongoing  | Utilization of the street tree list | Less trees damaging public property in future | The City of Donald has been designated a Tree City USA. In 2023, our local annual tree planting Arbor Day celebration was held on April 29th and a tree planting was completed in the City Skate Park.<br><b>Strategy Completed.</b> |

In March 2010, DEQ issued the report: [Cost Estimate to Restore Riparian Forest Buffers and Improve Stream Habitat in the Willamette Basin, Oregon](http://www.deq.state.or.us/wq/tmdls/docs/WillametteRipCost030310.pdf). Table 19 of that report, which can be viewed at <http://www.deq.state.or.us/wq/tmdls/docs/WillametteRipCost030310.pdf>, lists the City of Donald as having 0 opportunities for restoration.

Table 3. TMDL Implementation Matrix (2021 to 2026): Pollutant= Mercury, Pesticides, Iron

| Strategy                                                        | How                                                                                        | Fiscal Analysis                     | Timeline | Performance Measure                                                                                                                                                       | Milestone                                                               | Status                                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Source: Stormwater Runoff and Erosion</b>                    |                                                                                            |                                     |          |                                                                                                                                                                           |                                                                         |                                                                                                                                                                                                                                                                                                                                         |
| <b>Reduce Runoff Volume and Flow Rate from New Construction</b> | Developers must follow Stormwater Quantity Standards codified in the City Design Standards | Building Permits Fees County review | Ongoing  | Track/Record any Complaints Document Plan Review Comments Maintain Database of Approved Construction Plans                                                                | No Violations Recorded                                                  | All new Construction goes through Marion County Building Inspection Department. Civil site plan and SWMP review conducted by City Public Works Director and City Engineer. We Currently have two building project and construction is meeting all run off and erosion control requirements from the City.<br><b>Strategy Completed.</b> |
| <b>Reduce Pollutant Runoff from New Construction</b>            | Developers must follow Stormwater Quality Standards codified in the City Design Standards  | Building Permits Fees County review | Ongoing  | Track/Record any Complaints Document Plan Review Comments Maintain Database of Approved Construction Plans Observe sediment quantity retained in water quality facilities | No Violations Recorded Number of new water quality facilities installed | All new Construction goes through Marion County Building Inspection Department. Civil site plan and SWMP review conducted by City Public Works Director and City Engineer. We Currently have one building project and construction is meeting all run off and erosion control requirements from the City.<br><b>Strategy Completed.</b> |

| Strategy                                 | How                                                                                                                   | Fiscal Analysis                         | Timeline | Performance Measure                    | Milestone                       | Status                                                                                                                                                                                                                                                                                                                       |
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| <b>Erosion Control from Construction</b> | Require Erosion Control BMPs for all new construction and 1200-C permits for projects with >1-acre ground disturbance | Building Permits Fees County review     | Ongoing  | Enforce Requirements                   | No Violations Recorded          | All new Construction goes through Marion County Building Inspection Department. Erosion control plans reviewed by City Public Works Director and City Engineer. We Currently have one building project and construction is meeting all run off and erosion control requirements from the City.<br><b>Strategy Completed.</b> |
| <b>Update Stormwater Master Plan</b>     | Update 1990 Stormwater Master Plan                                                                                    | Stormwater SDC and sewer rates          | 2023     | Hire Consultant in 2022 to update Plan | City Adopts Master Plan in 2023 | The City is in the process of updating the Stormwater Master Plan. The plan will be completed by the end of 2024.<br><br><b>Strategy in Progress.</b>                                                                                                                                                                        |
| <b>Prevent Illegal Dumping</b>           | Educate Public                                                                                                        | Existing Newsletter. No Additional Cost | Ongoing  | Educate Public                         | No Violations Reported          | The City is currently posting educational material about preventing illegal dumping in newsletter 3/2023,9/2023 and on community boards as well as on City's website. Also, the City held two cleanup day events to reduce amount of garbage in properties and prevent illegal dumping.<br><b>Strategy Completed.</b>        |