

## Appendix B: TMDL Implementation Matrix

2008-2013

**Pollutant: Bacteria**

**City of Mill City**

| SOURCE  | STRATEGY   | HOW  | FISCAL ANALYSIS  | MEASURE   | TIMELINE  | MILESTONE  | STATUS  |
|---|--|--|--|---|---|--|---|
| What sources of this pollutant are under your jurisdiction?                 | What is being done, or will be done, to reduce or control pollution                  | Specifically, how will this be done?   | What are the financial needs? Are they budgeted? If not, where will the money come from?           | Quantitative and qualitative measures of success                    | Expected date of completion                     | Intermediate goals and timelines to measure progress.                    | Include summary and date.   |
| <b>Potential inflow and infiltration from sewer lines and septic tanks.</b> | Investigation of the I&I from city sewer lines needed to determine extent of issues. | Engineering evaluation of I&I required. Replacement of leaking pipes or tank fittings. | No funding budgeted at this time. Possible loan funding from OECD but must be able to repay        | Completion of I&I Investigation and complete all targeted projects. | No timeline until funding source is identified. | Completion of I&I investigation.   | NOT IMPLEMENTED<br><br>There is no identified source of bacteria reaching the river at this time.   |
|   | Educate homeowners on proper maintenance of STEP system tanks.                       | Produce and distribute information for customers.                                      | No funding budgeted, however costs can be managed within budget. Staff time is the biggest hurdle. | Fewer STEP tank pumps required on emergency basis.                  | Ongoing. Pamphlets available at City Hall.      | Up-to-date information provided at start of service and kept on website. | ONGOING<br><br>STEP information sheet available on website. New customer info packet created and available upon start of service with City. |
| <b>Bacteria carried to</b>  | Develop Storm Water Master   | Engineering consultant   | Budget limited. May be able to do  | Completion of all basin   | Will take 11 years to                           | Annual completion of   | ONGOING   |

|   |   |  |  |   |                                 |   |   |
|---|---|--|--|---|---------------------------------|---|---|
| <b>waterways in storm runoff.</b>                           | Plan.   | services required.   | one or two drainage basins per year.   | evaluations in the Master Plan                      | complete at one basin per year. | one basin, minimum.                                   | May 2011; Funds budgeted for 1 basin in 2012/2013 FY. Focus on building and paying for new City Hall after fire has delayed this process. |
|   | Implement storm water master plan recommendations                   | Construct bioswales, filters, piping and other structures. | No city funds budgeted. Must be built as private development fills in.                   | Reduction in stormwater runoff into the N. Santiam. | Ongoing.                        | N/A   | ONGOING<br><br>Implementing as possible with private development projects.  |
| <b>SOURCE</b>   | <b>STRATEGY</b>   | <b>HOW</b>   | <b>FISCAL ANALYSIS</b>   | <b>MEASURE</b>                                      | <b>TIMELINE</b>                 | <b>MILESTONE</b>                                      | <b>STATUS</b>   |
| What sources of this pollutant are under your jurisdiction? | What is being done, or will be done, to reduce or control pollution | Specifically, how will this be done?                       | What are the financial needs? Are they budgeted? If not, where will the money come from? | Quantitative and qualitative measures of success    | Expected date of completion     | Intermediate goals and timelines to measure progress. | Include summary and date.   |
|   | Prevent pet waste from reaching waterways                           | Erect signage and provide waste bags in public spaces.     | None budgeted, include in future parks projects.   | Installation of animal waste collection.            | By summer 2013                  | Outline potential sites for additional stations.      | ONGOING<br><br>July 2011; 2 waste stations purchased. July 2013; waste stations installed in Kimmel Park                                  |
|   | Provide public information to                                       | Press release to local                                     | Minimal. Printing costs. Staff   | Public information                                  | 2013                            | None  | NOT IMPLEMENTED   |

|   |   |   |   |                         |                 |                                       |   |
|---|---|---|---|-------------------------|-----------------|---------------------------------------|---|
|   | raise awareness   | newspaper. Flyers at City Hall.                             | workload is the limiting issue.   | printed and distributed |                 |                                       | No activity to date.  |
|   | Adopt ordinance requiring pet owners to clean up pet waste.   | Present to planning commission and council                  | Minimal. Included in planning budget. Staff workload is the limiting issue. | Ordinance adopted.      | 2013            | None                                  | NOT IMPLEMENTED<br><br>No activity to date.                                 |
|   | Adopt ordinance regulating farm animals near water source.    | Present to planning commission and council                  | Minimal. Included in planning budget. Staff workload is the limiting issue. | Ordinance adopted.      | 2013            | None                                  | NOT IMPLEMENTED<br><br>No activity to date.                                 |
| <b>Lack of Council review of implementation strategies.</b> | Obtain Planning Commission and Council approval of TMDL draft | Place draft on meeting agendas for discussion and approval. | None.   | Complete adoption.      | October 1, 2008 | Planning Commission reviewed May 2009 | COMPLETE<br><br>May 2010; Approval and adoption of TMDL complete fall 2009. |