



Oregon

Kate Brown, Governor

Department of Environmental Quality

Western Region Eugene Office

165 East 7th Avenue, Suite 100

Eugene, OR 97401

(541) 686-7838

FAX (541) 686-7551

TTY 711

May 22, 2017

Barbara Castillo
4222 NE Old Salem Road
Albany, OR 97321

Re: Review and Acceptance of the 2017 TMDL Implementation Plan Annual Report for City of Millersburg

Dear Barbara Castillo,

Thank you for submitting the Millersburg 2017 TMDL Implementation Plan Annual Report. The Department has reviewed your report and finds that the report complies with the annual reporting requirement. The city has met its obligation in implementing years one through three of the second five year TMDL cycle.

Please contact me prior to the next annual report due date to discuss the revisions to the matrix that you have recommended, as well as interim timelines for implementation.

Please note that DEQ will closely track and enforce annual report and five year review dates. I would like to reaffirm that I am available as a resource to assist you as you move forward with TMDL implementation. Please feel free to contact me at (541) 687-7347 for assistance.

Best regards,

Priscilla Woolverton
Willamette TMDL Basin Coordinator

cc: Zach Loboy, Watershed Manager, DEQ
Janelle Booth, CH2M Hill

TMDL Implementation Tracking Matrix: Millersburg, Oregon STATUS UPDATED FOR 2009-2014

Millersburg has legal authority over land use on 2,850 acres within the City Limits. The Willamette River forms the western boundary of the City between river-mile 15.5 and 17.75 for approximately 2.25 miles.

POLLUTANT <i>Pollutants Addressed by the TMDL.</i>	POLLUTANT SOURCES	STRATEGY <i>What Millersburg is doing and will do to reduce pollution from this source.</i>	ACTIONS <i>Specific Implementation Measures.</i>	BENCHMARKS <i>Intermediate indicators of progress.</i>	TIMELINE <i>Beginning and completion dates.</i>	MEASURE <i>Demonstrate implementation or completion of the strategy.</i>	STATUS
1.0 TEMPERATURE	A. Solar Radiation	Maintain existing riparian plantings and shading vegetation.	Code Enforcement of riparian and vegetative protections. http://cityofmillersburg.org/millersburg-land-use-development-code/	Compare aerial photographs at periodic intervals to determine the state of and changes to riparian areas.	Began with City's first Development Code in 1984 & 2006 and will be on-going.	Yearly review of standards compliance.	Compared aerial photographs (GoogleEarth historic photos) from March 2010, July 2010, November 2011, July 2012, and July 2014. Looked for visible vegetation (trees, brush, grass, etc.). Specifically looked at creek areas (Crooks Creek, Truax Creek, Murder Creek) and roadside ditches along the rural roads, including Millersburg Drive, Woods Road, and Conser Road). There does not appear to be a noticeable difference in plantings in riparian areas.
		Encourage riparian plantings and shading vegetation on private property.	Contact property owners with un-vegetated drainage ways. Provide guidance to owners when requested.	Monitor new growth in riparian areas by visiting planting sites annually.	Seek public information documents for distribution Immediately. An on-going project	Yearly review of private participation.	Millersburg has not identified any un-vegetated drainage ways on private properties or contacted property owners. The main drainage ways through the city are currently vegetated (including those on private property). Guidance is provided to property owners when they contact the City regarding what can be done on in riparian areas (specifically wetlands). This guidance has been provided verbally or via email and has not been specifically tracked. There are many maps showing the drainage ways within Millersburg, but Millersburg does not currently have a stormwater master plan. A stormwater master plan will be developed as part of the MS4 process.
	B. Impervious Surface Runoff	Reduce paving and roof areas where applicable to reduce stormwater temperature increases.	Enforce maximum ground coverage standards.	Monitor subdivision and building plans.	In progress as part of the City's approval and permitting process.	Yearly review of compliance.	Subdivision and building plans are reviewed as a part of the City's approval and permitting process.
	C. Industrial Process Water Discharges	Enforce regulations for industrial process water cooling.	Enforce permitting requirements and continue to work with industries to reduce discharges.	Monitor compliance with permitting standards.	In progress as part of the City's approval and permitting process	Yearly review of compliance.	Between 2009 and 2014 Millersburg had no permitted industrial process water discharges. Millersburg proposes changing language to reflect that we inform applicants of 1200-Z and 1200-C permit requirements and direct them to contact DEQ.
2.0 BACTERIA	A. Septic Systems (approximately 15% of the City's dwellings are on individual septic systems)	Enforce septic system maintenance and conversion to municipal sewer system. Applicable Land Use Development Code Section 5.123	Continue septic system inspections and expansion of municipal sewer system.	Monitor septic system compliance & document sewer system extensions	Ongoing Monitoring and Incremental expansion of municipal sewer by 2020.	Immediate goal will be the elimination of septic systems. On-going process.	Linn County Environmental Health is responsible for overseeing the onsite (septic system) program in Linn County. City does not have the ability to enforce this. Between 2009 and 2014, five homes were converted from septic systems to municipal sewer and one new septic system was installed on a property with no access to city sewer.
	B. Pet and animal waste	Continue to supply pet waste pickup stations. Enforce farm animal regulations.	City is providing waste collection stations at City Park. Code enforcement of farm animal raising.	Monitor usage of waste collection stations and farm animal compliance with City Code.	On-going. To be continued indefinitely.	Increased public awareness related to animal waste problems and provision of additional collection points for pet waste.	Continued providing waste collection stations (three at Millersburg Park and one at Acorn Park). City maintains and stocks stations. Approximate cost of maintaining the stations is \$500 per year (not including the original cost of the station itself). No known outreach related to farm animals. City does respond to complaints as needed regarding farm animal waste.
		Encourage waste collection	Enforce current traffic code	Monitor roadside debris	On-going. To be	Demonstrated	When there is a significant garbage spill or the

	C. Garbage spills	companies to cover waste bins during transit	requiring covered loads	accumulations	continued indefinitely.	reduction of roadside debris.	city notices or is notified of a problem area, city staff often aid in cleanup. Staff time spent picking up roadside debris has not been tracked.
3.0 MERCURY	A. Erosion and sedimentation containing mercury from existing background sources and introduced deposits from air and industries.	Eliminate erosion by reducing soil displacements and controlling runoff from excavations by utilizing silt fences, mulching, seeding, avoidance of excavations during wet times	Enforce Code standards for excavations and grading.	Building inspector will monitor compliance with Code standards.	On-going. To be continued indefinitely	All geotechnical evaluations are completed and one hundred percent compliance with Code requirements.	Where required, geotechnical evaluations have been completed. Code standards for excavation and grading have been enforced.
			Require & monitor 1200-C permits for developments.	Demonstrate that 100% of new developments over one acre obtain 1200-C permits.	On-going. To be continued indefinitely	Maintain completion records of all issued permits in a Record File.	All permitted development projects over one acre are required to include erosion control, including a 1200-C permit when necessary. Erosion control measures are monitored by city staff.
4.0 INTERRELATED FACTORS	A. Stormwater Discharge, a contributing source factor for all three Identified Pollutants.	Provide stormwater detention and treatment.	Enforce existing regulations & maintenance inspections of existing facilities.	Monitor effectiveness of existing regulations and maintenance program.	On-going. To be continued indefinitely	Demonstrated effectiveness of the regulation and enforcement program	All new development is required to limit outflow to preconstruction conditions. This accomplished through detention. Between 2009 and 2014, Millersburg had no water quality treatment requirements for new development.
		Prepare Stormwater Master Plan.	Preparation of a Stormwater Master Plan	Seek funding for a Stormwater Master Plan	Begin Research in 2009	Initiation and completion of a Millersburg Stormwater Master Plan.	A stormwater master plan was not completed between 2009 and 2014. This city intends to complete a stormwater master plan as part of the upcoming MS4 permit requirements.
	B. Disposal & Recycling	Prevent Hazardous Waste & Illegal Discharges and Encourage Recycling.	Enforce existing disposal regulations and support existing recycling efforts.	Monitor and Record events And maintain a Record File of activities.	On-going. To be continued indefinitely	Review the Record File annually and report the findings to the City Council for implementation of needed adjustments.	The City does not have a record file for hazardous waste and illegal discharges. No issues were reported to the city between 2009 and 2014.
	C. Information Program for Clean Water Act and potential pollutants	Implement outreach and education activities for local industries and the general public	Contact DEQ for information sources and training programs.	Accumulation of available data.	Begin in 2009 and continue as an on-going program.	Council approval of an on-going Clean Water improvement program.	This has not taken place due to lack staff assignment and because it was not budgeted in previous years.
	D. Funding	Provide funding for planning and implementation of needed Programs to address pollution.	Seek funding sources.	Prepare a working list of potential funding sources.	Begin Research in 2009	Achieve funding to implement planning and implementation of needed programs	A list of funding needs and potential funding sources has not yet been developed due to lack of staff assignment. City needs to develop these lists in order to facilitate implementation of the TMDL plan.
	E. Intergovernmental Cooperation	Achieve economies and expanded informational base through cooperative associations.	Contact local and statewide organizations addressing environmental issues.	Accumulation of contacts.	Begin in 2009 and continue as an on-going program.	Prepare an interrelated file of contacts addressing environmental issues.	This has not taken place due to lack of staff assignment and because it was not budgeted in previous years.