

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: Milwaukee_TMDL
Name: Milwaukee River TMDL
Type: TMDL/303d Projects
Subtype: Implement TMDL
Status: ACTIVE
Start Date: 09/22/2012
End Date: 03/09/2018
Purpose: The Milwaukee Metropolitan Sewerage District proposes to develop third-party pathogen, phosphorus, and sediment TMDLs for the Milwaukee Estuary in Southeastern Wisconsin.

 The TMDLS will result in pollutant load and wasteload allocations that must be met to meet water quality standards and targets and in implementation plans that will identify the steps needed to achieve the load and wasteload allocations.
Objective: This project's scope of work will be to develop a third-party TMDL for each of these watersheds. This will be done by performing water quality computer modeling of the watersheds to determine the quantity and quality of pollutants reaching the receiving waterbody. The results of the third-party TMDL's will be the load allocations and waste load allocations by pollutant source that must be met to meet the watersheds water quality standards for that pollutant. Additionally, implementation plans will be developed to identify the steps needed to reach the load allocations and waste load allocations. The work product from this effort will be unique to the watersheds but the implementation plans for this work will be carried out by/for all of the pollutant sources. No permits are required to perform this work.
Comments:
Outcome: This project will address the following beneficial use impairments: degradation of fish and wildlife populations; eutrophication or undesirable algae; beach closings; degradation of phytoplankton and zooplankton populations; degradation of aesthetics; and loss of fish and wildlife habitat.
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Helker, Craig D	COORDINATOR	ACTIVE	09/22/2012	12/31/2099	Wisconsin DNR	
Reidell, Mark	COORDINATOR	ACTIVE	09/22/2012	12/31/2099	Little Butternut Lake Association	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
TMDL Development	The Milwaukee Metropolitan Sewerage District proposes to develop third-party pathogen, phosphorus, and sediment TMDLs for the Milwaukee Estuary in Southeastern Wisconsin. The TMDLS will result in pollutant load and wasteload allocations that must be met to meet water quality standards and targets and in implementation plans that will identify the steps needed to achieve the load and wasteload allocations.	04/01/2002	08/21/2013	IN_PROGRESS

Details:	Parameter	Value/Amount	Units	Comments
	Total Phosphorus			
	Total Suspended Solids			

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Action	Detailed Description	Start	End Date	Status
TMDL Development	The Milwaukee Metropolitan Sewerage District proposes to develop third-party pathogen, phosphorus, and sediment TMDLs for the Milwaukee Estuary in Southeastern Wisconsin.	09/22/2012	12/31/2099	COMPLETE
TMDL Implementation	The Milwaukee Metropolitan Sewerage District proposes to develop third-party pathogen, phosphorus, and sediment TMDLs for the Milwaukee Estuary in Southeastern Wisconsin.	03/09/2018	12/31/2099	IN_PROGRESS
TMDL (USEPA) Approved	The Milwaukee Metropolitan Sewerage District proposes to develop third-party pathogen, phosphorus, and sediment TMDLs for the Milwaukee Estuary in Southeastern Wisconsin.	03/09/2018	03/09/2018	COMPLETE

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
15000	2	Milwaukee River	Milwaukee River

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Develop Multiple TMDLs for the Milwaukee River Watershed, GLRI pre-proposal, Bate	Develop Multiple TMDLs for the Milwaukee River Watershed, GLRI pre-proposal, Bate	Bate, Tim	02/01/2011	
Milwaukee Basin TMDL Public Hearing		Kevin Kirsch	10/14/2016	
Milwaukee River TMDL Appendix A - Tributary Information and Charts	Milwaukee River TMDL Appendix A ¿ Tributary Information and Charts	MMSD, WDNR	03/09/2018	
Milwaukee River TMDL Appendix B - Maps of Basin	Milwaukee River TMDL Appendix B ¿ Maps of Basin	MMSD, WDNR	03/09/2018	
Milwaukee River TMDL Appendix C - CDM Smith Decision Memorandum	Milwaukee River TMDL -- Appendix C: CDM Smith Decision Memorandum Milwaukee River Basin TMDL Development	MMSD, WDNR	03/09/2018	
Milwaukee River TMDL Appendix D - Load Duration	Milwaukee River TMDL Appendix D ¿ Load Duration Curves	MMSD, WDNR	03/09/2018	

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Title	Description	Author	Published	Comments
Curves				
Milwaukee River TMDL Appendix E - Sediment Monitoring	Milwaukee River TMDL Appendix E ζ Sediment Monitoring	MMSD, WDNR	03/09/2018	
Milwaukee River TMDL Appendix F - Base Line Load	Milwaukee River TMDL Appendix F ζ Base Line Load	MMSD, WDNR	03/09/2018	
Milwaukee River TMDL Appendix G - Response To Comments	Milwaukee River TMDL Appendix G ζ Response To Comments	WDNR	03/09/2018	
Milwaukee River TMDL Appendix H - Total Phosphorus Loading Capacity of Petenwell and Castle Rock Flowages	Milwaukee River TMDL Appendix H ζ Total Phosphorus Loading Capacity of Petenwell and Castle Rock Flowages	WDNR	03/09/2018	
Milwaukee River TMDL Notice of Public Hearing	Milwaukee River TMDL Notice of Public Hearing	WDNR	01/01/2016	
Milwaukee River Watershed TMDL USEPA Approval Letter	Approval letter from the EPA on the Milwaukee River Basin TMDL.	USEPA	03/09/2018	
Phosphorus, Sediment, Bacteria TMDL - Milwaukee Harbor Estuary QAPP	Fully approved QAPP	CDM	02/03/2012	
Phosphorus, Sediment, Bacteria TMDLs - Milwaukee River Approved QAPP		CDM Smith Consulting	02/03/2011	
USEPA Decision Document for the Milwaukee River Watershed TMDL, WI	EPA decision document for the Milwaukee River TMDL submitted by WDNR.	USEPA	03/09/2018	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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