

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: GL00E00592

Name: Develop Multiple TMDLs for the Milwaukee Estuary AOC

Type: Great Lakes Restoration Initiative

Subtype: Nearshore Health and NPS

Status: ACTIVE

Start Date: 10/1/2010

End Date: 12/31/2099

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 projects 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 TMDLs 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: \$225,752

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
Bate, Tim	COORDINATOR	ACTIVE	10/1/2010	12/31/2099	Milwaukee MSD	

Project Statuses

Date	Reported By	Status	Comments
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Project Status Detail

Actions					
Action	Detailed Description		Start Date	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.		10/1/2010	12/31/2099	PROPOSED

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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
15000	1	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	Method 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 Estuary AOC, GLRI pre-proposal, Bate	Develop Multiple TMDLs for the Milwaukee Estuary AOC, GLRI pre-proposal, Bate	Bate, Tim	2/1/2011	
Phosphorus, Sediment, Bacteria TMDL - Milwaukee Harbor Estuary QAPP	Fully approved QAPP	CDM	2/3/2012	PDF
QAPP Comments Compilation - WDNR and EPA	QA comments on QAPP from DNR and EPA	Donalea Dinsmore & Jean Chruscicki	9/7/2011	Word

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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7/25/2024

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