

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: NOR_02_CMP09 ATTAINS

Name: Impaired Waters Listing Evaluation, Data Compilation, and Analyses of the St. Louis River AOC (2843800), Lake Superior

Type: TMDL/303d Projects

Subtype: Evaluate for Delisting

Status: COMPLETE

Start Date: 07/01/2008

End Date: 06/30/2012

Purpose: The St. Louis River and adjacent portions of Lake Superior are federally designated as an Area of Concern. This federal designation places waterbodies within Areas of Concern on the 303(d) list of impaired waters. This project involves evaluating current data and data gaps in 303(d) listed waters and to identify new additions to the 303(d) list in the Lake Superior Basin.

Objective: The WDNR is actively developing and pursuing the Area of Concern delisting targets. Achieving these targets will remove the St. Louis River and portions of Lake Superior from the Area of Concern designation. This could also effectively remove individual waterbodies within the AOC from the 303(d) list. In this process we have realized there is an abundant amount of existing and historical data that is relevant to our management needs. However, this data is spread out among many entities and in many various formats. These agencies and/or partners include: USGS, EPA, MPCA, USFWS, MDNR, universities, tribes, and citizen groups. The specific objective would be to facilitate data exchange and compilation, conduct data analyses, and evaluate water bodies for possible impairment and inclusion on the 303d list. This step is an efficient approach to meeting EPA reporting requirements for Measure SP 12.

Comments: Project Category 1: EPA Performance Measure SP 12 for federal reporting purposes.

Because there is a lot of research and data available concerning Lake Superior and the St. Louis River AOC, this approach is the most efficient method of determining current status of Lake Superior Basin water quality, including waters listed for impairments. Analyses/compilation of this data will also provide us the baseline information to help develop a strategy to achieve delisting.

Outcome: Performance Measures:

- 1) Identify all data sources for Lake Superior Basin, including the St. Louis River AOC by one month into project.
- 2) Meet with contacts to plan data exchange/coordination.
- 3) Start organizing data in a database compatible format. Investigate possible inclusion into SWIMS database.
- 4) In process, develop metadata.
- 5) Conduct data analyses; produce summary.

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
JERECZEK, JOHN C	COORDINATOR	ACTIVE	07/01/2008	06/30/2009	Wisconsin DNR	Lake Superior Binational Program Coordinator: 715-395-6905.
LEDDER, TRACEY D	COORDINATOR	ACTIVE	01/19/2011		Wisconsin DNR	

Project Statuses

Date	Reported By	Status	Comments
03/20/2008	CORDELL MANZ	Proposed	
05/03/2008	Lisa Helmuth	Proposed	remains proposed; needs followup \$19,716
09/29/2011	MOLLI MACDONALD	Complete	All documentation attached on 7/20/2011

Actions

Action	Detailed Description	Start	End Date	Status
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Action	Detailed Description	Start	End Date	Status
Monitor AOC Beneficial Use Impairments	This project involves evaluating current data and data gaps in 303(d) listed waters and to identify new additions to the 303(d) list in the Lake Superior Basin.	07/01/2008	06/30/2009	COMPLETE

Monitoring Stations

Station ID	Name	Comments
10014690	St. Louis River - Bouy 34 Spirit Lake	Need to verify station on project

Assessment Units

WBIC	Segment	Local Name	Official Name
2843800	1	St. Louis River AOC, St. Louis River	Saint Louis River

Lab Account Codes

Account Code	Description	Start Date	End Date
WT098	WATER QUALITY SPECIAL PROJECTS	07/01/2008	06/30/2009

Forms

Form Code	Form Name
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Methods

Method Code	Description
PLANT VOUCHERING PROTOCOL 2006	Plant Voucher Protocol 2006

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
09/18/2008	COMPLETE	008	10014690	St. Louis River - Bouy 34 Spirit Lake
05/20/2009	COMPLETE	8	10014690	St. Louis River - Bouy 34 Spirit Lake
06/30/2009	COMPLETE	008	10014690	St. Louis River - Bouy 34 Spirit Lake
08/26/2010 14:18	COMPLETE	5	10014690	St. Louis River - Bouy 34 Spirit Lake

Documents

Title	Description	Author	Published	Comments
Allouez Documentation 303d		Megan Oshea	06/28/2011	
Duluth Superior Harbor Data Compilation	historic water column data	Megan Oshea	06/28/2011	
Final Report of 303(d) Listing Evaluation, Data Compilation, and Analyses of the St. Louis River AOC, Lake Superior, and its TributariesNR02CMP09		Megan Oshea	06/28/2011	
Howards Documentation 303d	303d listing documentation	Megan O'Shea	06/28/2011	
MONITORING BUDGET PROPOSAL NOR2_09	Use this template for budget	Project Author	01/15/2008	
Nemadji Documentation 303d		Aartila, Thomas	03/25/2008	
Nemadji Documentation 303d		Megan Oshea	06/28/2011	
Nemadji River summary		Megan Oshea	06/28/2011	

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Title	Description	Author	Published	Comments
St Louis River documentation 303d St. Louis TMDL		Megan Oshea	06/28/2011	
	303(d) Listing Evaluation, Data Compilation, and Analyses of the St. Louis River AOC (2843800), Lake Superior (2751220), and its Tributaries.		04/16/2014	

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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