

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPL-1228-08

**Name:** SHEBOYGAN COUNTY: Crystal Lake MOD FLOW

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2008

**End Date:** 12/31/2010

**Purpose:** Sheboygan County will hire a contractor to develop a conceptual groundwater model with defined boundaries and layering structure. The final report will contain the following elements: 1) A narrative to describe the model and provide discussion of the data needed for the completion of a database for model calibration along with maps identifying data collection needs and kinds of data still needed. 2) Printout of field data. The collection of field data will include piezometer nests on Elkhart and Little Elkhart lakes and construction of monitoring wells to evaluate groundwater flow conditions. 3) Assembling and accessing existing groundwater level, water quality studies, groundwater modeling and other task done by DNR. 4) Evaluation and comparison of the database for the watersheds of Crystal, Elkhart and Little Elkhart. Water chemistry, inter relationships with adjacent wetland and water sources will be looked at. 5) Development of groundwater maps. 6) Identification of gaps in data. 7) Development of the preliminary MODFLOW model as described in the grantproposal. 8) Development of a proposal to complete the modeling in subsequent grants. 9) Two paper copies and one electronic copy of the report will be provided to the department.10) Minutes from the public meeting regarding the findings of the study.

Two paper copies and one electronic copy of the final plan will be provided to the department. Exact details for all deliverables are described in the project description of grant application.

**Objective:**

**Comments:** Grantee is SHEBOYGAN COUNTY

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
SHEBOYGAN COUNTY,	GRANT_RECIPIENT	ACTIVE	4/1/2008	12/31/2010	SHEBOYGAN COUNTY	

Project Statuses			
Date	Reported By	Status	Comments

Actions					
Action	Detailed Description	Start Date	End Date	Status	
Grant Awarded	Sheboygan County will hire a contractor to develop a conceptual groundwater model with defined boundaries and layering structure. The final report will contain the following elements: 1) A narrative to describe the model and provide discussion of the data needed for the completion of a database for model calibration along with maps identifying data collection needs and kinds of data still needed. 2) Printout of field data.	4/1/2008	12/31/2010	COMPLETE	

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Grant Awarded	Sheboygan County will hire a contractor to develop a conceptual groundwater model with defined boundaries and layering structure. The final report will contain the following elements: 1) A narrative to describe the model and provide discussion of the data needed for the completion of a database for model calibration along with maps identifying data collection needs and kinds of data still needed. 2) Printout of field data.	4/1/2008	12/31/2008	COMPLETE
Water Quality Modeling	23032595	4/1/2008		PROPOSED

Monitoring Stations

Station ID	Name	Comments
------------	------	----------

Assessment Units

WBIC	Segment	Local Name	Official Name
45200	1	Crystal Lake	Crystal Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

Forms

Form Code	Form Name
-----------	-----------

Methods

Method Code	Method Description
-------------	--------------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

Documents

Title	Description	Author	Published	Comments
-------	-------------	--------	-----------	----------

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------

7/25/2024

**Wisconsin Department of Natural Resources**  
**SWIMS Project Summary**