

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1295-09

Name: DOOR COUNTY: Dunes Lake Watershed Study Ph 3

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2009

End Date: 12/31/2010

Purpose: Door County Soil and Water Conservation Department proposes to continue to assess surface and groundwater impacts to Geisel Creek and Dunes Lakes in a multi-phased project. Phase 3 will focus on the role of groundwater in the water budget and nutrient loading in Geisel Creek and Dunes Lake through the delineation of the hydrologic connections between surface and groundwater in the watershed. Specifically, phase 3 will contract with UW-Madison graduate student to investigate the hydrology of the Dunes Lake watershed, determine a water budget for Dunes Lake, delineate the zone of groundwater contribution to at least three springs, evaluate the nutrients present in groundwater and surface water samples taken throughout the watershed, investigate the use of viral tracing from the treatment ponds, and develop a final report. The project elements and deliverables are specified in the grant application materials submitted to the Department dated February 1, 2009.

Objective:

Comments: Grantee is DOOR COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
DOOR COUNTY LCD,	GRANT_RECIP ENT	ACTIVE	4/1/2009	12/31/2010	DOOR COUNTY LCD	

Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

Actions

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Door County Soil and Water Conservation Department proposes to continue to assess surface and groundwater impacts to Geisel Creek and Dunes Lakes in a multi-phased project. Phase 3 will focus on the role of groundwater in the water budget and nutrient loading in Geisel Creek and Dunes Lake through the delineation of the hydrologic connections between surface and groundwater in the watershed. Specifically, phase 3 will contract with UW-Madison graduate student to investigate the hydrology of the Dunes Lake watershed, determine a water budget for Dunes Lake, delineate the zone of groundwater contribution to at least three springs, evaluate the nutrients present in groundwater and surface water samples taken throughout the watershed, investigate the use of viral tracing from the treatment ponds, and develop a final report.	4/1/2009	12/31/2010	COMPLETE
Watershed Mapping or Assessment		4/1/2009	12/31/2010	PROPOSED

Monitoring Stations

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

Assessment Units

WBIC	Segment	Local Name	Official Name
97300	1	Dunes Lake (Gurlack, Mud)	Dunes 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
Dunes Lake Watershed Study - Phase III: Lake Planning Grant Final Report		Door County Soil & Water Conservation Department	12/31/2010	

Wisconsin Department of Natural Resources SWIMS Project Summary

Water Quality Evaluation and Planning for the Dunes Lake Watershed, Door County, Wisconsin, 2008-2012	Scott Johnson, Master Science (Geology) Student- UW-Madison	Calvin Alexander, Ph.D., Kenneth R. Bradbury, Ph.D., Mary Anderson, Ph. D., Mike Grimm, Paul Garrison, Paul Schumacher, Peter Schoephoester, Scott Johnson	10/15/2013	
---	---	--	------------	--

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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