

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1245-09
Name: HALF MOON LAKE P & R DISTRICT: Half Moon Lake Water Quality Study
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 10/01/2008
End Date: 12/31/2010
Purpose: Half Moon Lake P & R District is sponsoring a project to update its lake management plan that was completed in the early 1990s and did not include water quality goals or an implementation plan.

Project activities include: in-lake and tributary water quality data collection; tributary, internal, and watershed loading assessment; lake phosphorous response modeling (i.e. WiLMS modeling; water quality goal development; shoreline habitat assessment; and integration of public participation and strategic planning to develop specific management recommendations and responsibilities.

The final deliverables for this project will be an updated strategic (lake management) plan with specific management recommendations and spreadsheets, summaries, etc. of collected data.

This scope is intended to summarize the detailed scope provided in the grant application and does not supersede grant application specifics. Data, records, and reports, including GIS-based maps and digital images, must be submitted to the Department in a format specified by the regional Lake Coordinator.

Objective:

Comments: Grantee is HALF MOON LAKE P & R DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Clemens Bursik, Cheryl	TEAM_MEMBER	ACTIVE	10/01/2008	12/31/2010		
Half Moon Lake P & R Distric	GRANT_RECII	ACTIVE	10/01/2008	12/31/2010	Half Moon Lake P & R District	
Schieffer, Steve	TEAM_MEMBER	COMPLETE	10/01/2008	12/31/2010	Ecological Integrity Service, LLC	

Project Statuses

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

Actions

Action	Detailed Description	Start	End Date	Status
Water Quality Modeling		10/01/2008	12/31/2010	PROPOSED
Lake Management Plan Development	27132922	10/01/2008		PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	10/01/2008	12/31/2010	PROPOSED

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Half Moon Lake P & R District is sponsoring a project to update its lake management plan that was completed in the early 1990s and did not include water quality goals or an implementation plan.</p> <p>Project activities include: in-lake and tributary water quality data collection; tributary, internal, and watershed loading assessment; lake phosphorous response modeling (i.e. WiLMS modeling; water quality goal development; shoreline habitat assessment; and integration of public participation and strategic planning to develop specific management recommendations and responsibilities.</p> <p>The final deliverables for this project will be an updated strategic (lake management) plan with specific management recommendations and spreadsheets, summaries, etc. of collected data.</p>	10/01/2008	12/31/2010	COMPLETE

Monitoring Stations

Station ID	Name	Comments
493099	Half Moon Lake - Deep Hole	
493101	Half Moon Lake - Outlet at Dam	
10029946	Half Moon Lake Site 1 near inlet	
493100	Harder Creek at Hwy G	
10029947	Trib 1 West Trib off Unnamed Lake	

Assessment Units

WBIC	Segment	Local Name	Official Name
2620900	1	Harder Creek	Harder Creek
2620900	2	Harder Creek	Harder Creek
2621100	1	Half Moon Lake	Half Moon Lake
5520138	1	Local Water	Unnamed

Lab Account Codes

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

Forms

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

Methods

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

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
04/19/2009 11:30	COMPLETE	HM-SITE-2	493101	Half Moon Lake - Outlet at Dam
04/19/2009 12:00	COMPLETE	HMN-DH-12M	493099	Half Moon Lake - Deep Hole
04/19/2009 13:15	COMPLETE	HM-TRB1-1	10029947	Trib 1 West Trib off Unnamed Lake

Wisconsin Department of Natural Resources SWIMS Project Summary

Start Date	Status	Field ID	Station ID	Station Name
04/19/2009 13:30	COMPLETE	HM-HCR-1	493100	Harder Creek at Hwy G
05/03/2009 17:00	COMPLETE	HM-HCR-2	493100	Harder Creek at Hwy G
05/13/2009 14:30	COMPLETE	HM-SITE-1	10029947	Trib 1 West Trib off Unnamed Lake
05/13/2009 19:00	COMPLETE	HM-HCR-3	493100	Harder Creek at Hwy G
05/13/2009 19:30	COMPLETE	HM-SITE-2	493101	Half Moon Lake - Outlet at Dam
05/31/2009 10:00	COMPLETE	HM-HCR-4	493100	Harder Creek at Hwy G
05/31/2009 11:15	COMPLETE	HM-TRB1-4	10029947	Trib 1 West Trib off Unnamed Lake
06/14/2009 09:13	COMPLETE	HM-HCR-5	493100	Harder Creek at Hwy G
06/14/2009 14:15	COMPLETE	HM-SITE-1	10029946	Half Moon Lake Site 1 near inlet
06/14/2009 14:20	COMPLETE	HM-SITE-2	493101	Half Moon Lake - Outlet at Dam
06/21/2009 13:30	COMPLETE	HM-TRB1-5	10029947	Trib 1 West Trib off Unnamed Lake
06/29/2009 14:00	COMPLETE	HM-DH-12M	493099	Half Moon Lake - Deep Hole
06/29/2009 15:00	COMPLETE	HM-HCR-6	493100	Harder Creek at Hwy G
07/16/2009 15:15	COMPLETE	HM-TRB1-6	10029947	Trib 1 West Trib off Unnamed Lake
07/19/2009 13:00	COMPLETE	HM-SITE-1	10029946	Half Moon Lake Site 1 near inlet
08/14/2009 13:15	COMPLETE	HM-SITE-2	10029946	Half Moon Lake Site 1 near inlet
09/09/2009 13:00	COMPLETE	HMN-DH-1M	493099	Half Moon Lake - Deep Hole
09/15/2009 17:00	COMPLETE	HM-SITE-2	10029946	Half Moon Lake Site 1 near inlet
10/22/2009 11:00	COMPLETE	HM-DH-1M	493099	Half Moon Lake - Deep Hole
03/14/2010 14:15	COMPLETE	HM-HCR-7	493100	Harder Creek at Hwy G
03/14/2010 15:00	COMPLETE	HM-TRB1-7	10029947	Trib 1 West Trib off Unnamed Lake
05/13/2010 20:30	COMPLETE	HM-HCR-8	493100	Harder Creek at Hwy G
05/14/2010 16:30	COMPLETE	HM-HCR-9	493100	Harder Creek at Hwy G
06/28/2010 11:00	COMPLETE	49	493100	Harder Creek at Hwy G
06/29/2010 12:30	COMPLETE	HM-TRB1-8	10029947	Trib 1 West Trib off Unnamed Lake
06/29/2010 13:15	COMPLETE	HM-TRB1-9	10029947	Trib 1 West Trib off Unnamed Lake
07/15/2010 13:50	COMPLETE	HM-HCR-11	493100	Harder Creek at Hwy G
07/17/2010 11:30	COMPLETE	HM-TRB1-10	10029947	Trib 1 West Trib off Unnamed Lake
07/17/2010 11:45	COMPLETE	HM-TRB1-11	10029947	Trib 1 West Trib off Unnamed Lake
08/11/2010 10:30	COMPLETE	HM-HCR-12	493100	Harder Creek at Hwy G
08/11/2010 11:00	COMPLETE	HM-TRB1-12	10029947	Trib 1 West Trib off Unnamed Lake
08/11/2010 11:15	COMPLETE	HM-TRB1-13	10029947	Trib 1 West Trib off Unnamed Lake
09/12/2010 12:30	COMPLETE	HM-HCR-13	493100	Harder Creek at Hwy G
09/12/2010 13:00	COMPLETE	HM-TRB1-14	10029947	Trib 1 West Trib off Unnamed Lake
09/12/2010 13:30	COMPLETE	HM-HCR-14	493100	Harder Creek at Hwy G

Documents

Title	Description	Author	Published	Comments
Land Use Summary			02/14/2011	
Nutrient Analysis Halfmoon Lake (WBIC: 2621100) Polk County, Wisconsin		Ecological Integrity Service, LLC		
P Profiles for Halfmoon Lake				
Wisconsin Internal Load Estimator			02/14/2011	

Budget

Wisconsin Department of Natural Resources SWIMS Project Summary

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

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