Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-1341-10

Name: POLK COUNTY LWRD: Coon Lake Management Study, Phase 2

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2010

End Date: 12/31/2011

Purpose: Polk County is sponsoring a two-phase project on Coon Lake to assess watershed, water quality, zooplankton, and aquatic plant conditions; determine nutrient loads and model lake response; distribute and analyze a sociological survey; educate public through library reading program and lake fair; inventory exotic species; coordinate stakeholder participation and planning; develop APM, storm water and lake management plans.

Deliverables will be education materials developed, agendas or attendance lists for workshops, fairs and meetings, and a lake management plan including methodologies, results, and management alternatives discussion with implementation plan. Interim deliverables for each phase include a progress reports including maps, spreadsheets, and collected data.

Phase 2 tasks include: 1) Expanded monthly water quality monitoring at Deep Hole; 2) Spring and fall turn over monitoring; 3) Water quality and flow monitoring on north and south tributaries; 4) Daily lake level and precipitation monitoring; 5) Storm water monitoring at 5 sites for 3 events; 6) Watershed delineation and lake response modeling; 7) Storm water conveyance system review, mapping, modeling, and recommendations; 8) Nutrient budget development; 9) Lake management plan development including public participation/meetings.

Special Conditions: 1) CLMN efforts should not be duplicated, and these data should be included in the trends analysis and final reporting; 2) The sponsor shall immediately contact the DNR if a new Aquatic Invasive Species population is found.

This scope summarizes the detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the DNR in a format specified by the Lake Coordinator.

Objective:

Comments: Grantee is POLK COUNTY LWRD

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Anderson, Katelin	DATA_ENTRY	COMPLETE	4/1/2010	12/31/2011	Polk County Land and Water Resources Department	
Polk County,	GRANT_RECIPIENT	ACTIVE	4/1/2010	12/31/2011	Polk County	

Project Statuses

Date	Reported By	Status	Comments

Actions

Wisconsin Department of Natural Resources
SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Aquatic Plant Monitoring or Survey		4/1/2010	6/30/2011	PROPOSED
Grant Awarded	Polk County is sponsoring a two-phase project on Coon Lake to assess watershed, water quality, zooplankton, and aquatic plant conditions; determine nutrient loads and model lake response; distribute and analyze a sociological survey; educate public through library reading program and lake fair; inventory exotic species; coordinate stakeholder participation and planning; develop APM, storm water and lake management plans. Deliverables will be education materials developed, agendas or attendance lists for workshops, fairs and meetings, and a lake management plan including methodologies, results, and management alternatives discussion with implementation plan. Interim deliverables for each phase include a progress reports including maps, spreadsheets, and collected data. Phase 2 tasks include: 1) Expanded monthly water quality monitoring at Deep Hole; 2) Spring and fall turn over monitoring; 3) Water quality and flow monitoring on north and south tributaries; 4) Daily lake level and precipitation monitoring; 5) Storm water monitoring at 5 sites for 3 events; 6) Watershed delineation and lake response modeling; 7) Storm water conveyance system review, mapping, modeling, and recommendations; 8) Nutrient budget development; 9) Lake management plan development including public participation/meetings.	4/1/2010	6/30/2011	COMPLETE
Stormwater Planning, Implementation		4/1/2010	6/30/2011	PROPOSED

Details: Parameter	Value/Amount	Units	Comments
% storm water runoff reduced			

Action	Value/Amount	Start Date	End Date	Status
Watershed Mapping or Assessment	34948609	4/1/2010		PROPOSED
Educate and engage residents	34948609	4/1/2010		PROPOSED
Monitor Water Quality or Sediment	34948609	4/1/2010	12/31/2011	COMPLETE
Water Quality Modeling	34948609	4/1/2010		PROPOSED

Monitoring Stations

Station ID	Name	Comments
493212	Coon Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2642000	1	Coon Lake	Coon Lake

Wisconsin Department of Natural Resources
SWIMS Project Summary

Lab Account Codes

Account Code	Description	Start Date	End Date
LM016	Lake Planning Lab Services	1/1/1960	12/31/2099
LM017	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099
LM018	LAKE MANAGEMENT PLANNING GRANTS	1/1/1960	12/31/2099

Forms

Form Code	Form Name
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Method Description

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/26/2010	COMPLETE		493212	Coon Lake - Deep Hole
5/17/2010	COMPLETE		493212	Coon Lake - Deep Hole
5/28/2010	COMPLETE		493212	Coon Lake - Deep Hole
6/14/2010	COMPLETE		493212	Coon Lake - Deep Hole
6/29/2010	COMPLETE		493212	Coon Lake - Deep Hole
7/19/2010	COMPLETE		493212	Coon Lake - Deep Hole
7/30/2010	COMPLETE		493212	Coon Lake - Deep Hole
8/19/2010	COMPLETE		493212	Coon Lake - Deep Hole
9/3/2010	COMPLETE		493212	Coon Lake - Deep Hole
10/8/2010 14:30	COMPLETE		493212	Coon Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Coon Lake Polk County, Wisconsin		Jeremy Williamson, Katelin Holm, Eric Wojchik, Scott Geddes, P.E.		

Budget

Combined Budgets:

Combined WSLH:

Combined Total: $0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date