

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-684-00

Name: LAKE REDSTONE P & R DISTRICT: Lake Redstone Bottom Withdrawal

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2000

End Date: 6/30/2001

Purpose: This project will provide further information to evaluate the potential for bottom withdrawal for reducing internal phosphorus loading. The final report will summarize lake monitoring results and stream monitoring results. It will assess whether bottom withdrawal will reduce in-lake phosphorus loading and benefit lake quality. A WDNR environmental engineer will use stream waste assimilation models to determine acceptable downstream organic loading rates. Both test withdrawal and projected discharge rates will provide further information towards the goal of determining whether the maximum acceptable discharge rates will significantly benefit the lake water quality based on lake response modeling.

A full descriptionn of the project scope and deliverables is available in the grant application, which is a part of this agreement.

The DNR will be provided with both a paper and electronic copy of the final report.

Objective:

Comments: Grantee is LAKE REDSTONE P & R DISTRICT

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Lake Redstone Protection Distr	GRANT_RECIPIENT	ACTIVE	4/1/2000	6/30/2001	Lake Redstone Protection District	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Water Quality Modeling		4/1/2000	6/30/2001	PROPOSED

Wisconsin Department of Natural Resources
SWIMS Project Summary

Grant Awarded	This project will provide further information to evaluate the potential for bottom withdrawal for reducing internal phosphorus loading. The final report will summarize lake monitoring results and stream monitoring results. It will assess whether bottom withdrawal will reduce in-lake phosphorus loading and benefit lake quality. A WDNR environmental engineer will use stream waste assimilation models to determine acceptable downstream organic loading rates. Both test withdrawal and projected discharge rates will provide further information towards the goal of determining whether the maximum acceptable discharge rates will significantly benefit the lake water quality based on lake response modeling.	4/1/2000		COMPLETE
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Monitoring Stations

Station ID	Name	Comments
573124	Lake Redstone - Deep Hole	
573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)	
573130	Lake Redstone - Near Sauk Ct (Lower Site 1996)	
573129	Lake Redstone - off of Navaho Ct (Lower Site)	

Assessment Units

WBIC	Segment	Local Name	Official Name
1280400	1	Redstone Lake	Lake Redstone

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
7/19/2000 11:10	COMPLETE	RS3	573129	Lake Redstone - off of Navaho Ct (Lower Site)
7/19/2000 12:00	COMPLETE	RS5	573130	Lake Redstone - Near Sauk Ct (Lower Site 1996)
7/19/2000 12:15	COMPLETE	RS7	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
8/2/2000 12:10	COMPLETE	RS4	573129	Lake Redstone - off of Navaho Ct (Lower Site)
8/2/2000 13:00	COMPLETE	RS6	573130	Lake Redstone - Near Sauk Ct (Lower Site 1996)
8/2/2000 13:30	COMPLETE	RS8	573131	Lake Redstone - Near Mourning Dove Ct (Middle Site)
8/29/2000 13:30	COMPLETE	RS9	573124	Lake Redstone - Deep Hole

Wisconsin Department of Natural Resources
SWIMS Project Summary

8/29/2000 14:10	COMPLETE	RS3	573129	Lake Redstone - off of Navaho Ct (Lower Site)
8/29/2000 14:25	COMPLETE	RS4	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/12/2000 11:00	COMPLETE	RS2	573124	Lake Redstone - Deep Hole
9/12/2000 13:00	COMPLETE	RS3	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/27/2000 13:55	COMPLETE	RS9	573124	Lake Redstone - Deep Hole
9/27/2000 14:40	COMPLETE	RS3	573129	Lake Redstone - off of Navaho Ct (Lower Site)
9/27/2000 14:45	COMPLETE	RS4	573129	Lake Redstone - off of Navaho Ct (Lower Site)
10/13/2000 12:00	COMPLETE	RS3	573129	Lake Redstone - off of Navaho Ct (Lower Site)
10/24/2000 10:45	COMPLETE	RS2	573124	Lake Redstone - Deep Hole
10/24/2000 11:15	COMPLETE	RS3	573129	Lake Redstone - off of Navaho Ct (Lower Site)
10/24/2000 11:30	COMPLETE	RS4	573129	Lake Redstone - off of Navaho Ct (Lower Site)

Documents

Title	Description	Author	Published	Comments
LAKE REDSTONE BOTTOM WITHDRAWAL	Lakes Planning Report	Grant Recipient	6/30/2001	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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