

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-1169-07

Name: IRON RIVER PIKE CHAIN OF LAKES ASSOCIATION: Pike Chain of Lakes-Management Planning Project-Hart Lake-#4

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2007

End Date: 12/31/2008

Purpose: Iron River Lakes Association will sponsor a project to assess watershed, water quality, & aquatic plant conditions; coordinate stakeholder participation & planning; develop a lake management implementation plan focusing on aquatic plants for the Pike Chain of Lakes. The project includes grants for each lake in the Chain & one for stakeholder participation & planning. Deliverables include a report including task methodologies & results; maps of aquatic plant communities & sensitive areas; management alternatives discussion & implementation plan.

Tasks include:

1. Water quality appraisals, determination of limiting nutrient, trophic states & historical data review.
2. Watershed land use definition/delineation & identification of problem areas.
3. WiLMS modeling with WINTLOAD estimates for internal loading, if appropriate.
4. Early season curlyleaf pondweed "meander" survey on all lakes; point-intercept surveys & voucher specimen collections on Buskey Bay, Millicent, Eagle, & Flynn Lakes; pre-treatment Eurasian watermilfoil surveys on Hart & Twin Bear Lakes; aquatic plant communities mapped according to community type, dominant species, & invasive species presence.
5. Sensitive area mapping (identified by WDNR).
6. Fisheries management summary/recommendations; integration of DNR fisheries management plan as report appendix.
7. Zebra mussel veliger monitoring (3 sites in the Chain sampled once in June and in July or August) following DNR Dreissena Mussel Monitoring Protocol.
8. Stakeholder survey; scoping/planning sessions; development of sociological & scientific goals, objectives; implementation alternatives.
9. Creation/distribution of news releases.

This scope summarizes the application scope & does not supersede the application tasks/deliverables. Data, records, & reports, including GIS-based maps & digital images, must be submitted to the DNR in a format specified by the Lake Coordinator. DNR shall receive report in paper & electronic form

Objective:

Comments: Grantee is IRON RIVER PIKE CHAIN OF LAKES ASSOCIATION

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Butterfield, Brenton	TEAM_MEMBER	COMPLETE	4/1/2007	12/31/2008	Onterra, LLC	
Heath, Eddie	TEAM_MEMBER	ACTIVE	4/1/2007	12/31/2008	Onterra, LLC	
Hoyman, Tim	TEAM_MEMBER	COMPLETE	4/1/2007	12/31/2008	Onterra, LLC	
Iron River Lakes Association,	GRANT_RECIPIENT	ACTIVE	4/1/2007	12/31/2008	Iron River Lakes Association	
Stettner, Craig	TEAM_MEMBER	ACTIVE	4/1/2007	12/31/2008	Onterra, LLC	

Wisconsin Department of Natural Resources

SWIMS Project Summary

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Iron River Lakes Association will sponsor a project to assess watershed, water quality, & aquatic plant conditions; coordinate stakeholder participation & planning; develop a lake management implementation plan focusing on aquatic plants for the Pike Chain of Lakes. The project includes grants for each lake in the Chain & one for stakeholder participation & planning.	4/1/2007		COMPLETE
Grant Awarded	Iron River Lakes Association will sponsor a project to assess watershed, water quality, & aquatic plant conditions; coordinate stakeholder participation & planning; develop a lake management implementation plan focusing on aquatic plants for the Pike Chain of Lakes. The project includes grants for each lake in the Chain & one for stakeholder participation & planning.	4/1/2007	12/31/2008	COMPLETE
Lake Management Plan Implementation		4/1/2007	12/31/2008	PROPOSED
Watershed Mapping or Assessment	18069912	4/1/2007		PROPOSED

Monitoring Stations

Station ID	Name	Comments
043079	Hart Lake (T47n R08w S27) - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
2903100	1	Twin Bear Lake (Pike Chain Of Lakes)	Twin Bear Lake
2903200	1	Hart Lake (Pike Chain Of Lakes)	Hart Lake
2903400	1	Mccarry Lake (Pike Chain of Lakes)	McCarry Lake
2903700	1	Millicent Lake (Pike Chain Of Lakes)	Lake Millicent

Lab Account Codes

Account Code	Description	Start Date	End Date
LM013	LAKE MANAGEMENT PLANNING GRANT	6/1/2006	6/30/2007
LM014	LAKE MANAGEMENT PLANNING GRANT	4/12/2007	6/30/2008

Forms

Form Code	Form Name
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.

Methods

Wisconsin Department of Natural Resources
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Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/25/2007	COMPLETE	HLB	043079	Hart Lake (T47n R08w S27) - Deep Hole
6/25/2007 11:40	COMPLETE	HLS	043079	Hart Lake (T47n R08w S27) - Deep Hole
7/24/2007 9:00	COMPLETE	HLB	043079	Hart Lake (T47n R08w S27) - Deep Hole
8/28/2007 9:45	COMPLETE	HLS	043079	Hart Lake (T47n R08w S27) - Deep Hole
11/8/2007	COMPLETE	HLB	043079	Hart Lake (T47n R08w S27) - Deep Hole
2/21/2008 12:10	COMPLETE	HLS	043079	Hart Lake (T47n R08w S27) - Deep Hole

Documents

Title	Description	Author	Published	Comments
PIKE CHAIN OF LAKES COMPREHENSIVE MANAGEMENT PLAN		Tim Hoyman And Eddie Heath, Onterra Llc	12/31/2008	
Reports and Graphs for Hart Lake (T47n R08w S27) - Deep Hole	717			

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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