

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL-549

Name: LAC COURTE OREILLES TRIBE: Grindstone Lake-Phase 1 Lake Mgmt Planning

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/1998

End Date: 12/31/2000

Purpose: The Lac Courte Oreilles Conservation Department proposes to conduct a water quality monitoring study on and complete an annualized phosphorus budget for Grindstone Lake, Sawyer County. The project activities include; 1) conduct monthly water quality monitoring on four in-lake sites, one tributary site, and the lake outlet from May through October, 2) collect runoff event samples from the tributary site, 3) complete an annualized phosphorus budget for Grindstone Lake utilizing watershed land use data and phosphorus export coefficients, and 4) complete an interim Phase 1 report summarizing project activities. Project deliverables include an interim Phase 1 report summarizing water quality data information, and the annualized phosphorus budget. The Department of Natural Resources will be provided with both a paper copy and an electronic copy of the final report. The project results will be disseminated to the public by newsletter(s), public meeting(s), and local newspaper articles.

Objective:

Comments:

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Lac Courte Oreilles Tribe,	GRANT_RECIPIENT	ACTIVE	4/1/1998	12/31/2000	Lac Courte Oreilles Tribe	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	The Lac Courte Oreilles Conservation Department proposes to conduct a water quality monitoring study on and complete an annualized phosphorus budget for Grindstone Lake, Sawyer County. The project activities include; 1) conduct monthly water quality monitoring on four in-lake sites, one tributary site, and the lake outlet from May through October, 2) collect runoff event samples from the tributary site, 3) complete an annualized phosphorus budget for Grindstone Lake utilizing watershed land use data and phosphorus export coefficients, and 4) complete an interim Phase 1 report summarizing project activities. Project deliverables include an interim Phase 1 report summarizing water quality data information, and the annualized phosphorus budget. The Department of Natural Resources will be provided with both a paper copy and an electronic copy of the final report. The project results will be disseminated to the public by newsletter(s), public meeting(s), and local newspaper articles.	4/1/1998		COMPLETE
Monitor Water Quality or Sediment	10099935	4/1/1998		PROPOSED
Nutrient Budget Development	10099935	4/1/1998		PROPOSED

Monitoring Stations		
Station ID	Name	Comments
583118	Grindstone Creek at Lake Outlet	
583117	Grindstone Creek at Mouth At Lake	
583065	Grindstone Lake - Deep Hole	
583115	Grindstone Lake - Northcentral	
583116	Grindstone Lake - Northeast	
583114	Grindstone Lake - SW Shore Nr Bog	

Assessment Units			
WBIC	Segment	Local Name	Official Name
2391200	1	Grindstone Lake	Grindstone Lake
2391300	1	Grindstone Creek	Grindstone Creek
5510159	1	Local Water	Unnamed

Lab Account Codes			
Account Code	Description	Start Date	End Date

Forms	
Form Code	Form Name

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Methods				
Method Code		Method Description		
Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
5/22/1998 10:00	COMPLETE	GR-4-2	583116	Grindstone Lake - Northeast
5/22/1998 11:00	COMPLETE	GR-3-2	583115	Grindstone Lake - Northcentral
5/22/1998 11:00	COMPLETE	GR-4-8	583116	Grindstone Lake - Northeast
5/22/1998 13:00	COMPLETE	GR-1-2	583114	Grindstone Lake - SW Shore Nr Bog
5/22/1998 13:30	COMPLETE	GR-2-2	583065	Grindstone Lake - Deep Hole
5/27/1998 9:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
5/27/1998 10:00	COMPLETE	GR-O-1	583118	Grindstone Creek at Lake Outlet
5/28/1998 9:45	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
6/29/1998 10:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
6/29/1998 10:00	COMPLETE	GR-O-1	583118	Grindstone Creek at Lake Outlet
7/1/1998 10:00	COMPLETE	GR-3-2	583115	Grindstone Lake - Northcentral
7/1/1998 10:00	COMPLETE	GR-4-2	583116	Grindstone Lake - Northeast
7/1/1998 11:00	COMPLETE	GR-1-2	583114	Grindstone Lake - SW Shore Nr Bog
7/27/1998 14:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
8/3/1998 9:05	COMPLETE	GR-1-2	583114	Grindstone Lake - SW Shore Nr Bog
8/3/1998 9:20	COMPLETE	GR-1-5	583114	Grindstone Lake - SW Shore Nr Bog
8/3/1998 9:30	COMPLETE	GR-1-7	583114	Grindstone Lake - SW Shore Nr Bog
8/3/1998 9:37	COMPLETE	GR-1-B	583114	Grindstone Lake - SW Shore Nr Bog
8/3/1998 10:07	COMPLETE	GR-2-5	583065	Grindstone Lake - Deep Hole
8/3/1998 10:10	COMPLETE	GR-2-9	583065	Grindstone Lake - Deep Hole
8/3/1998 10:25	COMPLETE	GR-2-13	583065	Grindstone Lake - Deep Hole
8/3/1998 10:30	COMPLETE	GR-2-16	583065	Grindstone Lake - Deep Hole
8/3/1998 10:38	COMPLETE	GR-2-B	583065	Grindstone Lake - Deep Hole
8/3/1998 11:00	COMPLETE	GR-3-5	583115	Grindstone Lake - Northcentral
8/3/1998 11:15	COMPLETE	GR-3-9	583115	Grindstone Lake - Northcentral
8/3/1998 11:25	COMPLETE	GR-3-B	583115	Grindstone Lake - Northcentral
8/3/1998 12:00	COMPLETE	GR-4-B	583116	Grindstone Lake - Northeast
8/13/1998 11:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
8/13/1998 11:00	COMPLETE	GR-O-1	583118	Grindstone Creek at Lake Outlet
8/17/1998 14:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
8/26/1998 8:00	COMPLETE	GR-2-2	583065	Grindstone Lake - Deep Hole

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8/26/1998 8:30	COMPLETE	GR-1-2	583114	Grindstone Lake - SW Shore Nr Bog
8/26/1998 8:30	COMPLETE	GR-2-B	583065	Grindstone Lake - Deep Hole
8/26/1998 8:30	COMPLETE	GR-3-2	583115	Grindstone Lake - Northcentral
8/26/1998 9:00	COMPLETE	GR-4-5	583116	Grindstone Lake - Northeast
8/26/1998 10:00	COMPLETE	GR-4-2	583116	Grindstone Lake - Northeast
8/27/1998 10:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
8/27/1998 10:35	COMPLETE	GR-O-1	583118	Grindstone Creek at Lake Outlet
9/18/1998 10:00	COMPLETE	GR-O-1	583118	Grindstone Creek at Lake Outlet
9/18/1998 10:15	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
9/20/1998 11:35	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
9/21/1998 10:00	COMPLETE	GR-1-2	583114	Grindstone Lake - SW Shore Nr Bog
9/21/1998 10:45	COMPLETE	GR-3-2	583115	Grindstone Lake - Northcentral
9/21/1998 10:45	COMPLETE	GR-4-2	583116	Grindstone Lake - Northeast
9/21/1998 11:00	COMPLETE	GR-4-5	583116	Grindstone Lake - Northeast
10/20/1998 13:30	COMPLETE	GR-O-1	583118	Grindstone Creek at Lake Outlet
10/20/1998 14:00	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake
10/21/1998 8:00	COMPLETE	GR-1-2	583114	Grindstone Lake - SW Shore Nr Bog
10/21/1998 9:00	COMPLETE	GR-3-2	583115	Grindstone Lake - Northcentral
10/21/1998 9:30	COMPLETE	GR-4-2	583116	Grindstone Lake - Northeast
11/10/1998 14:30	COMPLETE	GR-I-2	583117	Grindstone Creek at Mouth At Lake

Documents

Title	Description	Author	Published	Comments
GRINDSTONE LAKE-PHASE 1 LAKE MGMT PLANNING	Lakes Planning Report	Grant Recipient	12/31/2000	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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