

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1253-09  
**Name:** FOX LAKE INLAND LAKE P & R DISTRICT: Fox Lake-Alto Creek Monitoring  
**Type:** Lakes Grant  
**Subtype:** Large Scale Lake Planning  
**Status:** COMPLETE  
**Start Date:** 10/01/2008  
**End Date:** 12/31/2010  
**Purpose:** The Fox Lake ILPRD proposes to monitor water quality from the Alto Creek tributary on Fox Lake, Dodge County, to narrow down which watershed activities are contributing to the high concentration of nutrients being delivered to the lake. The project activities include: 1. sampling 5 sites on 4 dates for water quality parameters, 2. calculating instantaneous loads to the lake, and 3. the final report will identify the major sources of nutrients and suspended solids in this watershed. Deliverables for this grant include 1. the final report, with all raw data, 2. calculations of nutrient and sediment loads for each site and date, 3. recommendations for general remedial actions, and 4. all applicable ranking question deliverables. The DNR will be provided with both a paper copy and an editable electronic copy of the final report. The project results will be disseminated to the public by sharing with the lake District.

**Objective:**  
**Comments:** Grantee is FOX LAKE INLAND LAKE P & R DISTRICT  
**Outcome:**  
**Study Design:**  
**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Fox Lake Inland P & R Distric	GRANT_RECIPII	ACTIVE	10/01/2008	12/31/2010	Fox Lake Inland P & R District	
Osmon, Dwight	TEAM_MEMBER	ACTIVE	10/01/2008	12/31/2010	Waukesha School District	

### Project Statuses

Date	Reported By	Status	Comments
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### Actions

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment	27003465	10/01/2008		PROPOSED
Grant Awarded	The Fox Lake ILPRD proposes to monitor water quality from the Alto Creek tributary on Fox Lake, Dodge County, to narrow down which watershed activities are contributing to the high concentration of nutrients being delivered to the lake. The project activities include: 1. sampling 5 sites on 4 dates for water quality parameters, 2. calculating instantaneous loads to the lake, and 3. the final report will identify the major sources of nutrients and suspended solids in this watershed. Deliverables for this grant include 1. the final report, with all raw data, 2. calculations of nutrient and sediment loads for each site and date, 3. recommendations for general remedial actions, and 4. all applicable ranking question deliverables.	10/01/2008	12/31/2010	COMPLETE

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### Monitoring Stations

Station ID	Name	Comments
10029556	Alto Cr at Co Hwy W	
10029554	Alto Cr at Lake Emily Rd	
10029555	Alto Cr confluence N of Lake Emily Rd	
10029583	Alto Creek East Branch	
143031	Alto Creek at Cth F Near Fox Lake WI	

### Assessment Units

WBIC	Segment	Local Name	Official Name
835800	1	Fox Lake	Fox Lake
835900	1	Alto Creek	Alto Creek
836000	1	Local Water	Unnamed

### 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	Description
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### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
12/08/2009 10:30	COMPLETE	AC1B	143031	Alto Creek at Cth F Near Fox Lake WI
12/08/2009 11:10	COMPLETE	AC2B	10029554	Alto Cr at Lake Emily Rd
12/08/2009 11:35	COMPLETE	AC3B	10029555	Alto Cr confluence N of Lake Emily Rd
12/08/2009 12:00	COMPLETE	AC4B	10029556	Alto Cr at Co Hwy W
12/08/2009 12:00	COMPLETE	AC5B	10029583	Alto Creek East Branch
05/05/2010 09:10	COMPLETE	AC1	143031	Alto Creek at Cth F Near Fox Lake WI
05/05/2010 09:10	COMPLETE	AC1B	143031	Alto Creek at Cth F Near Fox Lake WI
05/05/2010 09:40	COMPLETE	AC2	10029554	Alto Cr at Lake Emily Rd
05/05/2010 09:40	COMPLETE	AC2B	10029554	Alto Cr at Lake Emily Rd
05/05/2010 10:00	COMPLETE	AC3	10029555	Alto Cr confluence N of Lake Emily Rd
05/05/2010 10:00	COMPLETE	AC3B	10029555	Alto Cr confluence N of Lake Emily Rd
05/05/2010 10:20	COMPLETE	AC5	10029583	Alto Creek East Branch
05/05/2010 10:20	COMPLETE	AC5B	10029583	Alto Creek East Branch
05/05/2010 10:45	COMPLETE	AC4	10029556	Alto Cr at Co Hwy W
05/05/2010 10:45	COMPLETE	AC4B	10029556	Alto Cr at Co Hwy W
08/02/2010 08:50	COMPLETE	AC1	143031	Alto Creek at Cth F Near Fox Lake WI
08/02/2010 08:50	COMPLETE	AC1B	143031	Alto Creek at Cth F Near Fox Lake WI
08/02/2010 09:05	COMPLETE	AC2	10029554	Alto Cr at Lake Emily Rd
08/02/2010 09:05	COMPLETE	AC2B	10029554	Alto Cr at Lake Emily Rd
08/02/2010 09:25	COMPLETE	AC3	10029555	Alto Cr confluence N of Lake Emily Rd
08/02/2010 09:25	COMPLETE	AC3B	10029555	Alto Cr confluence N of Lake Emily Rd
08/02/2010 09:25	COMPLETE	AC4B	10029556	Alto Cr at Co Hwy W
08/02/2010 09:50	COMPLETE	AC4	10029556	Alto Cr at Co Hwy W
08/02/2010 09:55	COMPLETE	AC5B	10029583	Alto Creek East Branch

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Start Date	Status	Field ID	Station ID	Station Name
08/02/2010 10:05	COMPLETE	AC5	10029583	Alto Creek East Branch
08/22/2010 08:55	COMPLETE	AC1	143031	Alto Creek at Cth F Near Fox Lake WI
08/22/2010 08:55	COMPLETE	AC1B	143031	Alto Creek at Cth F Near Fox Lake WI
08/22/2010 09:00	COMPLETE	AC2	10029554	Alto Cr at Lake Emily Rd
08/22/2010 09:00	COMPLETE	AC2B	10029554	Alto Cr at Lake Emily Rd
08/22/2010 09:17	COMPLETE	AC3	10029555	Alto Cr confluence N of Lake Emily Rd
08/22/2010 09:17	COMPLETE	AC3B	10029555	Alto Cr confluence N of Lake Emily Rd
08/22/2010 09:25	COMPLETE	AC5	10029583	Alto Creek East Branch
08/22/2010 09:25	COMPLETE	AC5B	10029583	Alto Creek East Branch
08/22/2010 10:00	COMPLETE	AC4	10029556	Alto Cr at Co Hwy W
08/22/2010 10:00	COMPLETE	AC4B	10029556	Alto Cr at Co Hwy W

### Documents

Title	Description	Author	Published	Comments
Alto Creek Monitoring Project Final Report		Hey and Associates, Inc.	12/15/2010	

### Budget

**Combined Budgets:**  
**Combined SLOH:**  
**Combined Total:**

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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