

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** WCR\_05\_CMP12 ATTAINS  
**Name:** Big Eau Pleine TMDL Monitoring  
**Type:** TMDL/303d Projects  
**Subtype:** Determine Pollutants or Impairments  
**Status:** FINAL\_RPT  
**Start Date:** 07/01/2011  
**End Date:** 06/30/2012  
**Purpose:** Project Description: This project consists of multi-phased intensive sampling effort that utilizes an already developed partnership between, WDNR, Wisconsin Valley Improvement Company (WVIC) and a Citizen Based Monitor (CBM). WDNR will be responsible for obtaining roughly 1/3 of the samples while the other partners will obtain the remainder. Sampling started in October 09 with tributary monitoring at four locations (three tribs and one outflow) which will continue through September 2012.

**Trib monitoring:** The Big Eau Pleine River is the major tributary to the flowage and has an established gaging station funding with assistance with WVIC. Two additional gauges were installed on Fenwood and Freeman Creeks and funding is needed to continue their operation through September 2012. A CBM continues to collect samples the last week of each month from the tributaries while DNR collects samples the second week of each month.

**Lake Sampling:** Bi-weekly lake sampling will commence in April 2010 and will continue through end of the fiscal year. This monitoring is funded from last years special project request. Additional funding is needed to continue lake sampling for the project from July 2011 into 2012. CBM's may be used to gather secchi data over the same period also. DO/Temp/ph/Cond profiles will be conducted at the three sampling points on the lake.

**Objective:** Project Justification: The Big Eau Pleine flowage has a well documented history of eutrophic water quality conditions as a result of phosphorus loading from the watershed. In addition, low dissolved oxygen concentrations are documented during the winter. These problems are a result of agricultural runoff from the watershed. Moreover, the Marathon County Land and Water Conservation Department (LWCD) has been working with local farmers to control runoff but more quantification from specific areas is needed. The finished product, a TMDL, will provide all cooperating partners with a valuable tool for land management.

The Big Eau Pleine is an immensely popular fishing destination for anglers across the state. A noted walleye, bass, pike, musky and panfish population draws anglers of all ages and sports clubs to the area. Many other nonangling citizens use the flowage as a destination for vacations.

Finally, this flowage suffers from major algal blooms due to vast nutrient loading. Because of the algal blooms there are large diurnal fluctuations of dissolved oxygen and pH. These values often exceed water quality standards and are responsible for the 303D listing.

**Comments:** Continuation  
 Additional funding will be requested the second year of the biennium to complete monitoring July 2012 through September 2012.

**Outcome:** There are three tributary sites, 1 outflow site and 4 inlake sites.

This project will fund 12 monthly sampling events for three tributary sites and 24 biweekly events for one outflow site. The flowage will be sampled 9 times during the growing season and spring turnover at four locations.

Data will be entered into SWIMS automatically after lab analysis is complete.

A final TMDL report will be completed after all monitoring is complete. It should be noted that monitoring will continue through September 2012, therefore funds will be requested the second year to the biennium.

### Study Design:

### QA Measures:

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
BERNHARDT, ARTHUR C	TEAM_MEMBER	ACTIVE	07/01/2011	06/30/2012	Wisconsin DNR	
HAZUGA, MARK J	COORDINATOR	COMPLETE	07/01/2011	06/30/2012	Wisconsin DNR	
HIREKATUR, ANN D	COORDINATOR	ACTIVE	10/04/2012		Wisconsin DNR	

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Name	Role	Status	Start Date	End Date	Organization	Comments
JACOBSON, MATTHEW J	TEAM_MEMBER	ACTIVE	07/01/2011	06/30/2012	Wisconsin DNR	
OLDENBURG, PATRICK S Provost, Scott M	TEAM_MEMBER COORDINATOR	COMPLETE	07/01/2011	06/30/2012	Wisconsin DNR	
SCHEUNEMANN, ADAM T	TEAM_MEMBER	ACTIVE	07/01/2011	06/30/2012	Wisconsin DNR	
WILLGER, CHRISTOPHER J	TEAM_MEMBER	INACTIVE	07/01/2011	06/30/2012	Wisconsin DNR	

### Project Statuses

Date	Reported By	Status	Comments
01/28/2011	MOLLI MACDONALD	Proposed	
01/23/2012	MARK HAZUGA	Progress: 25-50% Complete	The Big Eau Pleine TMDL is an ongoing project. Data has been collected from the flowage and tributaries since 2009 for TMDL development. This project supported data collection by WDNR and Wisconsin Valley Improvement Corporation. Data collection includes monthly water chemistry sampling at three tributaries and flowage outflow and in lake monitoring at four sites from Spring through Fall. The project also supports the operation of two USGS streamflow gages. Monitoring will continue through the fiscal year with a final year of monitoring planned for the project.
09/28/2012	MARK HAZUGA	Progress: 75-100% Complete	All monitoring for BIG Eau Pleine TMDL is completed for FY 12.
01/30/2013	MARK HAZUGA	Progress: 75-100% Complete	All monitoring was completed as planned in 2012. This is a continuing project and monitoring will proceed through September 2013. No report will be completed as the data will be used to develop a TMDL
09/30/2013	MARK HAZUGA	Complete	All monitoring was completed through September 2013 as planned. No report is due as the data will be used develop the TMDL. CO added additional monitoring through November 2013.

### Project Status Detail

Answer Set: DEFAULT

Question	Answer
1. Number of Sample Sites (Enter the station IDs if you know them).	3 Tributary 1 outflow 4 inlake
2. Number of Sample Events (Indicate how many trips into the field you anticipate for this project).	12 monthly stream sampling events 10 lake sampling events
3. Proposed Dates for Sample Collection	Lakes - July through September 2011 and May through June 2012 Stream - July 2011 through June 2012
4. List applicable databases and who will enter data?	Swims
5. Did you receive competitive projects funding during FY 2010?	Yes
6. If yes to question 5, did you complete the projects including data entry and reports as necessary? If not, why not?	Project sampling completed. Data will be used to develop response model and documentation will be included in TMDL Report
7. Reviewer Notes: Identify questions or issues with project (use during review period)	

### Actions

Action	Detailed Description	Start	End Date	Status
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## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
TMDL Implementation	The action for this project should be considered TMDL monitoring not TMDL implementation. The Big Eau Pleine flowage has a well documented history of eutrophic water quality conditions as a result of phosphorus loading from the watershed. In addition, low dissolved oxygen concentrations are documented during the winter. These problems are a result of agricultural runoff from the watershed.	07/01/2011	06/30/2012	PROPOSED

### Monitoring Stations

Station ID	Name	Comments
373135	Big Eau Pleine Reservoir - Lower	
10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3	
373136	Big Eau Pleine Reservoir - Middle	
373137	Big Eau Pleine Reservoir - Upper	
10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam	
373325	Big Eau Pleine River at Sth 97 Bridge	
373366	Fenwood Creek at Hwy 153	
373411	Freeman Creek at Sugar Bush Rd	

### Assessment Units

WBIC	Segment	Local Name	Official Name
1412200	2	Lake Du Bay	Lake Du Bay
1427200	2	Big Eau Pleine River	Big Eau Pleine River
1427200	4	Big Eau Pleine River	Big Eau Pleine River
1427400	1	Big Eau Pleine Flowage	Big Eau Pleine Reservoir
1427400	2	Big Eau Pleine Reservoir	Big Eau Pleine Reservoir
1427700	1	Freeman Creek	Freeman Creek
1427700	2	Freeman Creek	Freeman Creek
1428700	1	Fenwood Creek	Fenwood Creek
1428700	2	Fenwood Creek	Fenwood Creek

### Lab Account Codes

Account Code	Description	Start Date	End Date
WT140	BIG EAU PLEINE TMDL MONITORING	05/03/2011	06/30/2012

### 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
08/14/2000 11:05	COMPLETE	23	373136	Big Eau Pleine Reservoir - Middle
07/05/2011 08:55	COMPLETE	373137-BOT-JUL	373137	Big Eau Pleine Reservoir - Upper

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Start Date	Status	Field ID	Station ID	Station Name
07/05/2011 08:55	COMPLETE	373137-JUL	373137	Big Eau Pleine Reservoir - Upper
07/05/2011 09:25	COMPLETE	373136-BOT-JUL	373136	Big Eau Pleine Reservoir - Middle
07/05/2011 09:25	COMPLETE	373136-JUL	373136	Big Eau Pleine Reservoir - Middle
07/05/2011 10:00	COMPLETE	10007758-BOT-JUL	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
07/05/2011 10:00	COMPLETE	10007758-JUL	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
07/05/2011 10:30	COMPLETE	373135-BOT-JUL	373135	Big Eau Pleine Reservoir - Lower
07/05/2011 10:30	COMPLETE	373135-JUL	373135	Big Eau Pleine Reservoir - Lower
07/11/2011 10:35	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
07/11/2011 12:30	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
07/11/2011 13:00	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
07/11/2011 13:30	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
07/21/2011	COMPLETE	BEP1B	373135	Big Eau Pleine Reservoir - Lower
07/21/2011 10:48	COMPLETE	BEP4S	373137	Big Eau Pleine Reservoir - Upper
07/21/2011 11:10	COMPLETE	BEP3B	373136	Big Eau Pleine Reservoir - Middle
07/21/2011 11:10	COMPLETE	BEP3S	373136	Big Eau Pleine Reservoir - Middle
07/21/2011 11:30	COMPLETE	BEP2B	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
07/21/2011 11:30	COMPLETE	BEP2S	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
07/21/2011 11:48	COMPLETE	BEP4B	373137	Big Eau Pleine Reservoir - Upper
07/21/2011 12:00	COMPLETE	BEP1S	373135	Big Eau Pleine Reservoir - Lower
07/25/2011 09:20	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
08/01/2011 11:50	COMPLETE	373137AUG	373137	Big Eau Pleine Reservoir - Upper
08/01/2011 11:50	COMPLETE	373137AUG-BOT	373137	Big Eau Pleine Reservoir - Upper
08/01/2011 12:20	COMPLETE	373136AUG	373136	Big Eau Pleine Reservoir - Middle
08/01/2011 12:20	COMPLETE	373136AUG-BOT	373136	Big Eau Pleine Reservoir - Middle
08/01/2011 12:45	COMPLETE	10007758AUG	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
08/01/2011 12:45	COMPLETE	10007758AUG-BOT	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
08/01/2011 13:15	COMPLETE	373135AUG	373135	Big Eau Pleine Reservoir - Lower
08/01/2011 13:15	COMPLETE	373135AUG-BOT	373135	Big Eau Pleine Reservoir - Lower
08/08/2011 11:00	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
08/08/2011 11:50	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
08/08/2011 12:15	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
08/08/2011 12:50	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
08/18/2011	COMPLETE	BEP3	373136	Big Eau Pleine Reservoir - Middle
08/18/2011 11:00	COMPLETE	BEP3	373136	Big Eau Pleine Reservoir - Middle
08/18/2011 11:25	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
08/18/2011 11:25	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
08/18/2011 11:50	COMPLETE	BEP2	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
08/18/2011 12:10	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
08/22/2011	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
09/07/2011 10:35	COMPLETE	BEP4B	373137	Big Eau Pleine Reservoir - Upper
09/07/2011 10:35	COMPLETE	BEP4S	373137	Big Eau Pleine Reservoir - Upper
09/07/2011 10:57	COMPLETE	BEP3B	373136	Big Eau Pleine Reservoir - Middle
09/07/2011 10:57	COMPLETE	BEP3S	373136	Big Eau Pleine Reservoir - Middle
09/07/2011 11:42	COMPLETE	BEP2B	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
09/07/2011 11:42	COMPLETE	BEP2S	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
09/07/2011 12:07	COMPLETE	BEP1B	373135	Big Eau Pleine Reservoir - Lower
09/07/2011 12:08	COMPLETE	BEP1S	373135	Big Eau Pleine Reservoir - Lower
09/12/2011 11:00	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge

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<b>Start Date</b>	<b>Status</b>	<b>Field ID</b>	<b>Station ID</b>	<b>Station Name</b>
09/12/2011 12:00	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
09/12/2011 12:20	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
09/12/2011 13:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
09/21/2011 09:45	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
09/21/2011 10:17	COMPLETE	BEP3	373136	Big Eau Pleine Reservoir - Middle
09/21/2011 11:00	COMPLETE	BEP2	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
09/21/2011 11:30	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
09/26/2011 13:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
10/13/2011 10:00	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
10/13/2011 10:30	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
10/13/2011 11:00	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
10/13/2011 11:40	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
10/26/2011 11:40	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
11/08/2011	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
11/08/2011 11:30	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
11/08/2011 12:30	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
11/08/2011 13:00	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
11/21/2011 10:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
12/15/2011 09:47	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
12/15/2011 10:21	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
12/15/2011 10:40	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
12/15/2011 11:00	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
12/27/2011 10:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
01/09/2012 10:30	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
01/09/2012 10:45	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
01/09/2012 11:20	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
01/09/2012 11:30	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
01/23/2012 10:40	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
02/06/2012 10:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
02/06/2012 10:36	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
02/06/2012 11:00	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
02/06/2012 11:15	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
02/21/2012 10:45	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
03/08/2012 10:45	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
03/08/2012 11:00	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
03/08/2012 11:30	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
03/08/2012 12:00	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
04/02/2012 11:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
04/10/2012 11:42	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
04/10/2012 12:08	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
04/10/2012 12:32	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
04/10/2012 12:56	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
04/26/2012 10:35	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
05/07/2012 13:00	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
05/07/2012 13:19	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
05/07/2012 13:43	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
05/07/2012 14:08	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
05/09/2012 10:15	COMPLETE	BEP2	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3

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Start Date	Status	Field ID	Station ID	Station Name
05/09/2012 10:15	COMPLETE	BEP2B	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
05/09/2012 10:45	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
05/09/2012 10:45	COMPLETE	BEP1B	373135	Big Eau Pleine Reservoir - Lower
05/09/2012 11:45	COMPLETE	BEP3	373136	Big Eau Pleine Reservoir - Middle
05/09/2012 11:45	COMPLETE	BEP3B	373136	Big Eau Pleine Reservoir - Middle
05/09/2012 13:00	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
05/09/2012 13:00	COMPLETE	BEP4B	373137	Big Eau Pleine Reservoir - Upper
05/22/2012 10:25	COMPLETE		373137	Big Eau Pleine Reservoir - Upper
05/22/2012 10:30	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
05/22/2012 11:00	COMPLETE	BEP3S	373136	Big Eau Pleine Reservoir - Middle
05/22/2012 11:00	COMPLETE	BEPBB	373136	Big Eau Pleine Reservoir - Middle
05/22/2012 11:20	COMPLETE	BEP2B	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
05/22/2012 11:20	COMPLETE	BFP2S	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
05/22/2012 11:45	COMPLETE	BEP1B	373135	Big Eau Pleine Reservoir - Lower
05/22/2012 11:45	COMPLETE	BEP1S	373135	Big Eau Pleine Reservoir - Lower
06/04/2012 10:17	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
06/04/2012 10:17	COMPLETE	BEP4B	373137	Big Eau Pleine Reservoir - Upper
06/04/2012 10:50	COMPLETE	BEP3	373136	Big Eau Pleine Reservoir - Middle
06/04/2012 10:50	COMPLETE	BEP3B	373136	Big Eau Pleine Reservoir - Middle
06/04/2012 11:15	COMPLETE	BEP2	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
06/04/2012 11:15	COMPLETE	BEP2B	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
06/04/2012 11:40	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
06/04/2012 11:40	COMPLETE	BEP1B	373135	Big Eau Pleine Reservoir - Lower
06/07/2012 14:14	COMPLETE	BEP	373325	Big Eau Pleine River at Sth 97 Bridge
06/07/2012 14:50	COMPLETE	FWC	373366	Fenwood Creek at Hwy 153
06/07/2012 15:19	COMPLETE	FRC	373411	Freeman Creek at Sugar Bush Rd
06/07/2012 15:47	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
06/21/2012 09:30	COMPLETE	BEP4	373137	Big Eau Pleine Reservoir - Upper
06/21/2012 09:40	COMPLETE		373137	Big Eau Pleine Reservoir - Upper
06/21/2012 10:15	COMPLETE	BEP3	373136	Big Eau Pleine Reservoir - Middle
06/21/2012 10:15	COMPLETE	BEP3B	373136	Big Eau Pleine Reservoir - Middle
06/21/2012 10:40	COMPLETE	BEP2B	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
06/21/2012 11:30	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
06/21/2012 11:30	COMPLETE	BEP1B	373135	Big Eau Pleine Reservoir - Lower
06/21/2012 11:40	COMPLETE	BEP2	10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
06/25/2012 13:00	COMPLETE	BFO	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
07/02/2012 12:10	COMPLETE		373137	Big Eau Pleine Reservoir - Upper
07/02/2012 12:35	COMPLETE		373136	Big Eau Pleine Reservoir - Middle
07/02/2012 13:00	COMPLETE		10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
07/02/2012 13:30	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
07/16/2012 10:35	COMPLETE	WVIC-34	373135	Big Eau Pleine Reservoir - Lower
07/16/2012 10:35	COMPLETE	WVIC-34(BOT)	373135	Big Eau Pleine Reservoir - Lower
08/01/2012 10:55	COMPLETE		373137	Big Eau Pleine Reservoir - Upper
08/01/2012 11:15	COMPLETE		373136	Big Eau Pleine Reservoir - Middle
08/01/2012 11:40	COMPLETE		10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
08/01/2012 12:15	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
08/01/2012 12:15	COMPLETE	BEP1-BOTTOM	373135	Big Eau Pleine Reservoir - Lower
08/13/2012 10:30	COMPLETE	WVIC-30(BOTTOM)	373135	Big Eau Pleine Reservoir - Lower

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Start Date	Status	Field ID	Station ID	Station Name
08/13/2012 10:30	COMPLETE	WVIC-30(SURFACE	373135	Big Eau Pleine Reservoir - Lower
08/21/2012 13:50	COMPLETE	BEP	10030620	Big Eau Pleine River - Tailwater below Big Eau Pleine Dam
09/05/2012 10:35	COMPLETE		373137	Big Eau Pleine Reservoir - Upper
09/05/2012 11:10	COMPLETE		373136	Big Eau Pleine Reservoir - Middle
09/05/2012 11:35	COMPLETE		10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
09/05/2012 12:01	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower
09/05/2012 12:20	COMPLETE	BEP1-BOTTOM BEF	373135	Big Eau Pleine Reservoir - Lower
09/18/2012 09:15	COMPLETE		373137	Big Eau Pleine Reservoir - Upper
09/18/2012 10:25	COMPLETE		373136	Big Eau Pleine Reservoir - Middle
09/18/2012 10:40	COMPLETE		10007758	Big Eau Pleine Reservoir - Main Channel River Mile 3
09/18/2012 11:05	COMPLETE	BEP1	373135	Big Eau Pleine Reservoir - Lower

### Documents

Title	Description	Author	Published	Comments
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### Budget

<b>Budget Description:</b> Budget for Big Eau Pleine TMDL Monitoring - FY12 Continued - WCR_05_12	<b>Start Date:</b> 07/01/2011	<b>End Date:</b> 06/30/2012
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours	160	Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary	300	Hours	\$13.00	\$3,900.00	
LTE FR	LTE Fringe				\$963.30	
LTE IND	LTE Indirect				\$786.40	
LTE TOT	LTE Total Cost				\$5,649.70	
SUPPLY	Supplies	1		\$300.00	\$300.00	Postage and shipping costs
MILEAGE	Mileage	3480	Miles	\$0.72	\$2,505.60	
MEAL	Meals	42	Meals	\$9.00	\$378.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$2,883.60	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts				\$0.00	
EQUIP	Equipment				\$0.00	
USGS	USGS Costs	2		\$6,900.00	\$13,800.00	
TOTAL	Total Cost (excludes SLOH)				\$22,633.30	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
I251UNL	CHLOROPHYLL A, FLUORESCENCE (EPA 445.00)	INORGANIC CHEMISTRY	41	\$24.52	\$1,005.32
I440NLD	AMMONIA (AS N), DISS (EPA 350.1)	INORGANIC CHEMISTRY	12	\$25.89	\$310.68
I460GLT	NITRATE + NITRITE (AS N) (EPA 353.2)	INORGANIC CHEMISTRY	12	\$27.00	\$324.00
I470DLT	TOTAL KJELDAHL NITROGEN (AS N) (EPA 351.2)	INORGANIC CHEMISTRY	12	\$32.99	\$395.88
I520PLT	TOTAL PHOSPHORUS (AS P) (EPA 365.1)	INORGANIC CHEMISTRY	148	\$23.60	\$3,492.80
I530CLD	DISS REACTIVE PHOSPHORUS AS P (ORTHO-P) (SM 4500PE)	INORGANIC CHEMISTRY	102	\$16.36	\$1,668.72
I650JLT	SUSPENDED SOLIDS (EPA METHOD 160.2)	INORGANIC CHEMISTRY	39	\$18.80	\$733.20
I650JLV	VOLATILE SUSPENDED SOLIDS (SM 2540E-17TH ED)	INORGANIC CHEMISTRY	8	\$10.03	\$80.24
I720BLT	FIELD TESTS	INORGANIC CHEMISTRY	122	\$6.36	\$775.92

## Wisconsin Department of Natural Resources SWIMS Project Summary

**Total SLOH Lab Costs:** \$8,786.76  
**Total Budget:** \$31,420.06

**Combined Budgets:** \$22,633.30  
**Combined SLOH:** \$8,786.76  
**Combined Total:** \$31,420.06

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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