

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** RP-206-11

**Name:** FRIENDS OF PHEASANT BRANCH: Tributary of Pheasant Branch Monitoring

**Type:** River Grant

**Subtype:** River Planning Grant

**Status:** COMPLETE

**Start Date:** 7/1/2010

**End Date:** 12/31/2012

**Purpose:** The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.

**Objective:**

**Comments:** Grantee is FRIENDS OF PHEASANT BRANCH

**Outcome:**

**Study Design:**

**QA Measures:**

People

Name	Role	Status	Start Date	End Date	Organization	Comments
BERNTHAL, THOMAS W	COORDINATOR	COMPLETE	7/1/2010	12/31/2013	Wisconsin DNR	
FRIENDS OF PHEASANT BRANCH,	GRANT_RECIPIENT	ACTIVE	7/1/2010	12/31/2012	FRIENDS OF PHEASANT BRANCH	
Garn, Herb	PROJECT_LEAD	ACTIVE	7/1/2010	12/31/2013	USGS	

Project Statuses

Date	Reported By	Status	Comments
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Actions

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE
Project Deliverable	Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Develop/Distribute Newsletter	The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE
Rivers Planning Grant	The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Monitor Water Quality or Sediment	The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE
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Details: Parameter	Value/Amount	Units	Comments
BMP Implementation			
I & E Activities			
PCBs			
Permit Modification			
Products Developed: Stormwater Plan			
Protective Areas: Feet of bank protected			
Protective Areas: Feet of bank protected			
Protective Areas: Feet of bank protected			
Report Writeup			
Stormwater Goals Addressed: Protective areas			
Stormwater Goals Addressed: Reduce TSS			
Streambank & Shoreline Protection: Pollutant load reduction			
Streambank & Shoreline Protection: Units			
Streambank & Shoreline Protection: Pollutant load reduction			
Streambank & Shoreline Protection: Units			
Streambanks: Feet of bank protected			

# Wisconsin Department of Natural Resources

## SWIMS Project Summary

Details: Parameter	Value/Amount	Units	Comments	
Streambanks: Feet of bank protected				
Streambanks: Feet of bank protected				
Total Nitrogen				
Total Phosphorus				
Total Suspended Solids				
Watershed Outreach, Planning				
Monitor Water Quality or Sediment	The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Informational Meetings	The Friends of the Pheasant Branch will sponsor a monitoring project on a tributary of the Pheasant Branch by collecting grab samples at 5 sites on the tributary during or immediately after snowmelt or larger rainfall runoff events. The project will evaluate the effectiveness of the recently dredged ponds and combined conservation practices in reducing sediment and nutrient loads entering Pheasant Branch Marsh and continue to collect flow data from the springs to establish a data base to help in evaluating future changes possibly caused by well pumping or land use. Project Deliverables include - 1. Electronic or weblink to Flow, Kjeldahl nitrogen, total phosphorous and total sediment sampling results of 4 events in FY 2011 and 3 events in FY2012 at 5 locations. 2. Electronic copy of Conservation practices effectiveness analysis. 3. Electronic copy or weblink of Fredrick Springs flow measurements. 4. Electronic or hard copy of brochure or fact sheet. 5. Electronic copy newsletter containing analysis results. 6. Public meeting agenda with date and location and attendance list for meeting presenting data.	7/1/2010	12/31/2012	COMPLETE
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### Monitoring Stations

Station ID	Name	Comments
10031122	Pheasant Branch Trib in Marsh	
10031119	Pheasant Branch trib DS Acker Rd below ponds	
10031120	Pheasant Branch trib above Acker Road and Ponds	
10031136	Tributary of Pheasant Branch in Marsh	
10031134	Unnamed tributary and culvert at Balzer Rd	
10031135	Unnamed tributary at Pheasant Branch Rd	

### Assessment Units

WBIC	Segment	Local Name	Official Name
805900	1	Pheasant Branch	Pheasant Branch
805900	2	Pheasant Branch	Pheasant Branch
5034952	1	Pheasant Branch Trib	Unnamed

### Lab Account Codes

Account Code	Description	Start Date	End Date
RP011	RIVER PROTECTION GRANTS	1/1/1960	6/30/2011
RP012	RIVER PROTECTION GRANTS	1/1/1960	6/30/2012
RP013	RIVER PROTECTION GRANTS	5/3/2012	6/30/2013

### Forms

Wisconsin Department of Natural Resources  
SWIMS Project Summary

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
7/22/2010 20:15	COMPLETE	PB3-3	10031120	Pheasant Branch trib above Acker Road and Ponds
7/22/2010 20:30	COMPLETE	PB4-3	10031119	Pheasant Branch trib DS Acker Rd below ponds
7/24/2010 8:20	COMPLETE	PB3-4	10031120	Pheasant Branch trib above Acker Road and Ponds
7/24/2010 8:45	COMPLETE	PB4-4	10031119	Pheasant Branch trib DS Acker Rd below ponds
2/17/2011 15:00	COMPLETE	PB3-5	10031120	Pheasant Branch trib above Acker Road and Ponds
2/17/2011 15:30	COMPLETE	PB4-5	10031119	Pheasant Branch trib DS Acker Rd below ponds
5/25/2011 14:15	COMPLETE	PB3-6	10031120	Pheasant Branch trib above Acker Road and Ponds
10/18/2011 14:30	COMPLETE	PB5	10031136	Tributary of Pheasant Branch in Marsh
11/9/2011 10:20	COMPLETE	PB3-7	10031120	Pheasant Branch trib above Acker Road and Ponds
11/9/2011 16:45	COMPLETE	PB4-7	10031119	Pheasant Branch trib DS Acker Rd below ponds
11/10/2011 11:00	COMPLETE	BG4-7B	10031119	Pheasant Branch trib DS Acker Rd below ponds
5/6/2012 15:00	COMPLETE	PB3-8	10031120	Pheasant Branch trib above Acker Road and Ponds
5/15/2012 12:30	COMPLETE	PB5-7	10031136	Tributary of Pheasant Branch in Marsh

Documents

Title	Description	Author	Published	Comments
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Budget

Wisconsin Department of Natural Resources  
SWIMS Project Summary

Budget Description: FY11				Start Date:	End Date:	
Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00	
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage		Miles	\$0.72	\$0.00	
MEAL	Meals		Meals	\$9.00	\$0.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$0.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts	1		\$1,892.21	\$1,892.21	DNR contract for 19 labels for samples
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,892.21	

Total WSLH Lab Costs: \$0.00  
Total Budget: \$1,892.21



Wisconsin Department of Natural Resources  
SWIMS Project Summary

Budget Description: FY12			Start Date:	End Date:
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Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
FTE	FTE Hours		Hours	\$0.00	\$0.00	
LTE SAL	LTE Salary		Hours	\$13.00	\$0.00	
LTE FR	LTE Fringe				\$0.00	
LTE IND	LTE Indirect				\$0.00	
LTE TOT	LTE Total Cost				\$0.00	
SUPPLY	Supplies				\$0.00	
EQUIP	Equipment				\$0.00	
MILEAGE	Mileage		Miles	\$0.72	\$0.00	
MEAL	Meals		Meals	\$9.00	\$0.00	
LODGE	Lodging				\$0.00	
TRAVEL	Travel Total				\$0.00	
BUG	Bug Contracts				\$0.00	
OTHER	Other Contracts	1		\$1,436.09	\$1,436.09	DNR contract to SLOH for 14 labels
USGS	USGS Costs				\$0.00	
TOTAL	Total Cost (excludes SLOH)				\$1,436.09	

Total WSLH Lab Costs:	\$0.00
Total Budget:	\$1,436.09
Combined Budgets:	\$3,328.30
Combined WSLH:	\$0.00
Combined Total:	\$3,328.30

Funding					
Organization	Source	Type	Amount	Start Date	End Date