

## 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:** 07/01/2010  
**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	07/01/2010	12/31/2013	Wisconsin DNR	
FRIENDS OF PHEASANT BF	GRANT_RECIPII	ACTIVE	07/01/2010	12/31/2012	FRIENDS OF PHEASANT BRANCH	
Garn, Herb	PROJECT_LEAC	ACTIVE	07/01/2010	12/31/2013	USGS	

### Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

### Actions

Action	Detailed Description	Start	End Date	Status
--------	----------------------	-------	----------	--------

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment	<p>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.</p>	07/01/2010	12/31/2012	COMPLETE
Rivers Planning Grant	<p>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.</p>	07/01/2010	12/31/2012	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
ATTAINS Water Identified for Protection	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.	07/01/2010	12/31/2012	COMPLETE

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			
	Streambanks: Feet of bank protected			
	Streambanks: Feet of bank protected			

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Details: Parameter	Value/Amount	Units	Comments	
Total Nitrogen Total Phosphorus Total Suspended Solids Watershed Outreach, Planning				
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.	07/01/2010	12/31/2012	COMPLETE
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.	07/01/2010	12/31/2012	COMPLETE

## Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
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.	07/01/2010	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.	07/01/2010	12/31/2012	COMPLETE

### 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

## Wisconsin Department of Natural Resources SWIMS Project Summary

Account Code	Description	Start Date	End Date
RP011	RIVER PROTECTION GRANTS	01/01/1960	06/30/2011
RP012	RIVER PROTECTION GRANTS	01/01/1960	06/30/2012
RP013	RIVER PROTECTION GRANTS	05/03/2012	06/30/2013

### Forms

Form Code	Form Name
-----------	-----------

### Methods

Method Code	Description
-------------	-------------

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
07/22/2010 20:15	COMPLETE	PB3-3	10031120	Pheasant Branch trib above Acker Road and Ponds
07/22/2010 20:30	COMPLETE	PB4-3	10031119	Pheasant Branch trib DS Acker Rd below ponds
07/24/2010 08:20	COMPLETE	PB3-4	10031120	Pheasant Branch trib above Acker Road and Ponds
07/24/2010 08:45	COMPLETE	PB4-4	10031119	Pheasant Branch trib DS Acker Rd below ponds
02/17/2011 15:00	COMPLETE	PB3-5	10031120	Pheasant Branch trib above Acker Road and Ponds
02/17/2011 15:30	COMPLETE	PB4-5	10031119	Pheasant Branch trib DS Acker Rd below ponds
05/25/2011 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
11/09/2011 10:20	COMPLETE	PB3-7	10031120	Pheasant Branch trib above Acker Road and Ponds
11/09/2011 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
05/06/2012 15:00	COMPLETE	PB3-8	10031120	Pheasant Branch trib above Acker Road and Ponds
05/15/2012 12:30	COMPLETE	PB5-7	10031136	Tributary of Pheasant Branch in Marsh

### Documents

Title	Description	Author	Published	Comments
-------	-------------	--------	-----------	----------

### Budget

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	

## Wisconsin Department of Natural Resources SWIMS Project Summary

Code	Description	Quantity	Units	Unit Cost	Total Cost	Comments
TOTAL	Total Cost (excludes SLOH)				\$1,892.21	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
<b>Total SLOH Lab Costs:</b>				\$0.00	
<b>Total Budget:</b>				\$1,892.21	

<b>Budget Description:</b> FY12	<b>Start Date:</b>	<b>End Date:</b>
---------------------------------	--------------------	------------------

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	

Test Code	Description	Test Group	# Planned	Unit Cost	Total Cost
<b>Total SLOH Lab Costs:</b>				\$0.00	
<b>Total Budget:</b>				\$1,436.09	

<b>Combined Budgets:</b>	\$3,328.30
<b>Combined SLOH:</b>	\$0.00
<b>Combined Total:</b>	\$3,328.30

<b>Funding</b>
----------------

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------