

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** ARRA\_Project18F wtdw  
**Name:** ARRA 18F BCPC Supplemental WQM Plan Funding Grant 2P-00E73201  
**Type:** Grant Project  
**Subtype:** ARRA Pass Through Project  
**Status:** ACTIVE  
**Start Date:** 12/16/2009  
**End Date:** 09/30/2010  
**Purpose:** WQM Planning and related activities  
**Objective:** The CIR (Color Infrared Imagery) Pilot Project is a proposal to obtain color infrared imagery (CIR) in order to expand Brown County, Wisconsin resources used when identifying wetlands within the county.  
**Comments:** The total budget for the grant is \$10,000.  
**Outcome:** BCRPC Contract - Supplemental funds for water quality planning in designated management areas; update Urban Service Area maps; contract with Brown County Regional Planning Commission.

Since this is a pilot study, Brown County staff will verify the accuracy of the CIR photography through on-site field visits at randomly selected wetland sites. The project is needed for several reasons. First, this project will serve as an additional database to be used in conjunction with the existing Wisconsin Wetland Inventory was created in 1978. Updated CIR will allow Brown County to complete several projects. The CIR will allow developers, local officials, and county staff access to more precise information on the location of wetland boundaries. CIR imagery would be utilized in the decennial land use inventory which Brown County will conduct in 2010. Additionally, the data will be utilized to evaluate the long-term effectiveness of SSA planning in protecting wetlands and other ESAs. The creation of CIR will increase data sharing efficiencies between Brown County and the Wisconsin Department of Natural Resources. Finally, the data will potentially be used in future updates of the Brown County Sewage Plan in 2012.

### Project Statuses

Date	Reported By	Status	Comments
03/31/2010	LISA HELMUTH	0-25% Complete	<p>Work was done on the project in relationship to evaluating the best set of air photographs to use for the project. At the time the project was proposed, a set of air photographs that are about 1-2 years old was available for purchase from a private vendor. At the present time, Brown County is preparing to create a new set of 2010 air photographs.</p> <p>The CIR Grant staff is in the process of determining if the new 2010 air photographs would be a better fit for the project, or if the 2010 air photographs would include a tree canopy that may block ground level wetlands from being identifiable.</p>
06/30/2010	Peter Schlein	50-75% Complete	<p>Although discussions have taken place regarding this topic, Brown County is not seeking any reimbursement for work performed related to the CIR Pilot Project at this time.</p> <p>Work was done on the project in relationship to evaluating the best set of air photographs to use for the project. At the time the project was proposed, a set of air photographs that are about 1-2 years old was available for purchase from a private vendor. At the present time, Brown County is preparing to create a new set of 2010 air photographs.</p> <p>The CIR Grant staff is in the process of determining if the new 2010 air photographs would be a better fit for the project, or if the 2010 air photographs would include a tree canopy that may block ground level wetlands from being identifiable.</p>
			<p>Although discussions have taken place regarding this topic, Brown County is not seeking any reimbursement for work performed related to the CIR Pilot Project at this time.</p>

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### Project Status Detail

Question	Answer
1. Reporting Timeframe (Q1 (Oct-Dec), Q2 (Jan-Mar), Q3 (Apr-June), Q4 (July-Sept):	FFY10 Q3
2. Amount expended this time period:	Brown County is not seeking reimbursement for work performed related to the CIR Pilot Project at this time.
3. Subcontracts or subgrants awarded this period:	None at this time.
4. Number work hours created or maintained to date:	36
5. Work accomplished this reporting period:	Best possible set of photographs for project was selected. Air photographs were flown in spring of 2010. Price for mapping products to be specifically created for CIR Pilot Project was to be approximately \$3,500.
6. Work goals for coming reporting period:	Purchase mapping product for use for the project. Begin process of verifying mapping product accuracy.
7. Overall project status:	The project air photos have been flown. Staff is awaiting final pricing for purchase of the higher quality project product so accuracy review can begin. Because product is coming later in the year than was expected with the lower quality product, a three month extension to the overall project grant timeline will be requested. Project completion = 50%.
8. WDNR Question: Job equivalent Created	

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
HELMUTH, LISA D	PROJECT_OFFI	ACTIVE	03/31/2010		Wisconsin DNR	
Schleinz, Peter	COORDINATOR	ACTIVE	03/31/2010		Brown County Planning Commission	

### Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded		10/03/2009	12/31/2099	IN_PROGRESS

### Monitoring Stations

Station I	Name	Comments
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### Assessment Units

WBIC	Segment	Local Name	Official Name
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### 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
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### Documents

Title	Description	Author	Published	Comments
ARRA 18F BCPC		WDNR		

**Wisconsin Department of Natural Resources  
SWIMS Project Summary**

<b>Title</b>	<b>Description</b>	<b>Author</b>	<b>Published</b>	<b>Comments</b>
Supplemental WQM Plan Funding Contract ARRA 18F BCPC Supplemental WQM Plan Funding Project Description ARRA_18F_Q2FFY10_Report		WDNR	02/25/2010	
		WDNR	04/28/2010	

**Budget**

<b>Code</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Cost</b>	<b>Total Cost</b>
OTHER	Other Contracts	1		\$10,000.00	\$10,000.00

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