

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ARRA_Project13 WTD M

Name: ARRA 13 Sauk Co. LCD Dept. Clark Creek Grant 2P-00E73201

Type: Grant Project

Subtype: ARRA Pass Through Project

Status: ACTIVE

Start Date: 12/17/2009

End Date: 12/31/2010

Purpose: Clark Creek Contract to Assess flooding and sedimentation impacts to Clark Creek

Objective: Clark Creek is a tributary of the Baraboo River located in the Town of Greenfield, Sauk County. The stream is typical of streams that drain the Baraboo Range in that it has very good water quality and actually supports a population of wild Brook Trout.

Hydrologic conditions and stream geomorphology have been radically altered as a result of the flooding of 2008. Sedimentation has greatly impacted habitat in the stream channel and there is a need for a comprehensive planning effort which would guide restoration efforts. The flow dynamics, stream geomorphology, chemical parameters, and biological indices need to be assessed and recommendations developed in conjunction with a comprehensive watershed assessment and planning report. Planning efforts and documentation would emphasize sustainable a sustainable management process that focuses on enhancing water quality, habitat restoration, and floodplain/riparian corridor management.

In June of 2008, storm water run-off from heavy rains deposited four to five feet of sediment in the channel and the floodplain of this reach of Clark Creek. The base flow is flowing on top of the deposited sediment, which saturates the sediment deposits and causes hydrostatic pressures on the basement walls of the residences. Also, since the floodway is full of sediment, there is no flood conveyance capacity for this reach of Clark Creek.

Comments: DUNS #: _____

CCR#: _____

Outcome: Water quality and resource assessment including flow, hydrology, geomorphology, chemistry, habitat and biotic indices. Report with water resource planning recommendations.

1. Watershed Assessment and Monitoring In conjunction with the watershed project committee a watershed assessment and monitoring effort will be conducted and to determine and pinpoint problem areas with regard to sedimentation and habitat impairment. Included in this assessment will be a hydrologic and geomorphological analysis. Time Period: 4 months

2. Develop and Evaluate Feasibility of a Range of Planning Recommendations and Restoration Alternatives This will focus on sustainable habitat restoration alternatives that emphasize water quality improvements and sustainability and recognize changing hydrologic, flow and climatic changes. Time Period: 4 months

3. Facilitation and Coordination of Planning Recommendations Once a set of water quality/resource management alternatives have been developed, the project committee will then work with local entities to review and develop a course of implementation for those alternatives. These recommendations would be incorporated into the WDNR Basin Plan, the Sauk County Land and Water Plan, and local planning documents. Time Period 2 months

4. Outreach and Education After planning recommendations have been developed and adopted. An outreach and education effort will be implemented to carry out the recommendations of the project. Time Period 2 Months

Total project award: \$30,000

Project Statuses

Date	Reported By	Status	Comments
04/13/2010	JAMES MORTON	Progress: 0-25% Complet	The project contractor (Sauk County) is hosting a kickoff meeting the first week of may with University staff, local legislators and officials, private individuals and agency staff. It is expected that a study involving the University of Wisconsin and one that follows the scope of the grant will be developed after this initial meeting.
08/05/2010	JAMES MORTON	Active	The invitation to the meeting has been uploaded. Sauk County land conservation has met with landowners and officials to address hydrology problems. The are still trying to contract with an engineer to complete the analysis.

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Project Status Detail

Question	Answer
1. Reporting Timeframe (Q1 (Oct-Dec), Q2 (Jan-Mar), Q3 (Apr-June), Q4 (July-Sept):	Q3 - Apr-June
2. Amount expended this time period:	No funds have been expended
3. Subcontracts or subgrants awarded this period:	NA
4. Number work hours created or maintained to date:	20 hours WDNR 40 hours Sauk County (Estimated)
5. Work accomplished this reporting period:	Plans for a watershed monitoring/study have been developed and finalized. The date is scheduled for May 6, 2010, to be hosted by Sauk County Land Conservation Dept. The County is search fo a part time engineer to do the contract work. This has been unsuccessful. This will be necessary to accomplish this work. The WDNR will be meeting with the county to set up the monitoring/analysis contract.
6. Work goals for coming reporting period:	Develop detailed monitoring/ study plan. Identify and develop working arrangements with project partners/cooperators.
7. Overall project status:	The project contractor (Sauk County) is hosting a kickoff meeting the first week of may with University staff, local legislators and officials, private individuals and agency staff. It is expected that a study involving the University of Wisconsin and one that follows the scope of the grant will be developed after this initial meeting. The invitation to the meeting has been uploaded. Local officials and legislators have been been working together in an attempt to leverage additional funding so tha the needed ana;ysis work can be done.
8. WDNR Question: Job equivalent Created	

People

Name	Role	Status	Start Date	End Date	Organization	Comments
MORTON, JAMES A	PROJECT_OFFI	ACTIVE	10/03/2009		Wisconsin DNR	
Sauk County LCD,	GRANT_RECIIII	ACTIVE	10/03/2009		Sauk County Land Conservation Department	

Actions

Action	Detailed Description	Start Date	End Date	Status
Targeted Monitoring	Assess flooding and sedimentation impacts to Clark Creek; contract with Sauk County.	10/03/2009		PROPOSED

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

