

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** RP36622

**Name:** SOUTHWESTERN WISCONSIN REGIONAL PLANNING COM: Fancy Creek Floodplain Reconnection

**Type:** River Grant

**Subtype:** River Planning Grant

**Status:** COMPLETE

**Start Date:** 3/15/2022

**End Date:** 12/31/2023

**Purpose:**

SWRPC is sponsoring a plan to restore a 1-mile stretch of Fancy Creek. This will include site assessment & hydrologic modeling to develop options to restore flow to the Fancy Creek channel & reconnect the floodplain.

**Deliverables-per application:**

Comparison of profile & elevations in the ditch & meander channel to be used in hydraulic modeling, geomorphic assessments, & conceptual design.

Data collected: longitudinal profiles, channel cross-sectional areas, & in-stream & floodplain sediment descriptions. .csv file with all project survey data delivered.

Table with estimates for baseflow conditions & flood discharges (1.5yr, 10-yr, 100-yr, etc.) will be used in hydraulic modeling & conceptual design. An excel file with this data will be submitted.

conceptual model will assess project impact on 100-yr flood elevations & extent & determine project design (e.g. flood velocities & shear stress). The HEC-RAS model files & output summaries delivered.

Site soils data will be used to determine stability of potential grade control structures & the erosion potential. Understanding of groundwater-surface water interactions will be used to design long-term monitoring. Investigation summaries delivered.

A plan for implementation will be created & summary delivered.

Project will deliver a conceptual plan of sufficient detail to describe the project to partners, permitting agencies, potential funding sources, & streams biologist. Estimate of project implementation costs and GIS figures included in conceptual plan.

**Activities:**

Topographic & Geomorphic Survey

Hydrology Assessment

Hydraulics Assessment

Hydrogeological Investigation

Coordination Meetings

Conceptual Design

This scope summarizes the project detail provided in the application & does not negate tasks/deliverables described therein. Data, records, & reports, including GIS-based maps, & digital images, must be submitted to the Department in a format specified by the regional Streams Biologist.

**Objective:**

**Comments:** Grantee is SOUTHWESTERN WISCONSIN REGIONAL PLANNING COM

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
------	------	--------	------------	----------	--------------	----------

### Project Statuses

8/28/2024

## Wisconsin Department of Natural Resources SWIMS Project Summary

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

### Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant RP36622 awarded	3/15/2022	12/31/2023	COMPLETE

### Monitoring Stations

Station ID	Name	Comments
------------	------	----------

### Assessment Units

WBIC	Segment	Local Name	Official Name
1227400	1	Fancy Creek	Fancy Creek

### Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

### Forms

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

### Methods

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

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

### Documents

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

### Budget

#### Combined Budgets:

Combined WSLH:

Combined Total:                   \$0.00

### Funding

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

8/28/2024

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