

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: SC02_WTPLAN

Name: Willow River (SC02,SC03) Watershed Planning

Type: Water Quality Planning

Subtype: Targeted Watershed Plans

Status: COMPLETE

Start Date: 6/2/2009

End Date: 6/30/2010

Purpose: Watershed plan update 2010. The Upper and Lower Willow watersheds are located in west-central Wisconsin in Polk and St.Croix counties. These watersheds are part of the St. Croix River Basin (which is located in both northwest Wisconsin and east Minnesota). The Willow watersheds are two of twenty-two Wisconsin watersheds in this basin. This water-rich area is sprinkled with an assortment of inland lakes, major rivers and small streams.

The Lower Willow watershed is situated entirely within St. Croix County. In this watershed, the Willow mainstem flows from the City of New Richmond, through Willow River State Park, Lake Mallalieu, and then joins the St. Croix River at Hudson (in the lower 25-mile Lake St. Croix reach).

The Lower Willow covers 115 square miles. Tributaries to the Lower Willow include Paperjack Creek, Tenmile Creek, the Willow River Race Branch, and other unnamed creeks. These streams, in addition to the Willow River, account for 99 stream miles in the Lower Willow watershed. There are also 2139 acres of lakes and 2482 acres of wetlands. Lakes over 100 acres in this watershed include Oakridge and Bass Lakes and three impoundments on the Willow mainstem: the New Richmond Flowage, Little Falls Lake (in Willow River State Park), and Lake Mallalieu in Hudson.

Objective:

Comments:

Outcome:

Study Design: Watershed specified for planning and assessment purposes. Assessment of water quality condition in this respective county will use protocols described in WisCALM of the year of assessment. Minimum assessment work includes biological data (macroinvertebrates, fish indices), chemistry and habitat data. Additional work includes identification of priorities and goals, creating recommendations for actions, and updating narratives for watersheds and waterbodies. Assessments are to be double checked by at least one additional biologist.

QA Measures:

| People | | | | | | |
|--------------------|-------------|----------|------------|-----------|---------------|----------|
| Name | Role | Status | Start Date | End Date | Organization | Comments |
| BARTILSON, KATHY M | COORDINATOR | COMPLETE | 6/2/2009 | 6/30/2010 | Wisconsin DNR | |
| CAHOW, JAMES M | COORDINATOR | COMPLETE | 6/2/2009 | 6/30/2010 | Wisconsin DNR | |

Project Statuses

| Date | Reported By | Status | Comments |
|----------|--------------|----------------------------|---|
| 6/2/2010 | Lisa Helmuth | Progress: 75-100% Complete | Check watershed tables. Report is done. |

Actions

| Action | Detailed Description | Start Date | End Date | Status |
|------------------------|---|------------|-----------|----------|
| Water Quality Planning | Willow River (SC02,SC03) Watershed Planning | 6/2/2009 | 6/30/2010 | COMPLETE |

Monitoring Stations

Wisconsin Department of Natural Resources
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| Station ID | | Name | | Comments | | |
|---|--|--------------------------|------------|---|---------------|----------|
| Assessment Units | | | | | | |
| WBIC | | Segment | Local Name | | Official Name | |
| 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 |
| ARRA Project 16, 2010 Lake Mallalieu Willow River TMDL Project Request ARRA funding | | Project Descripton | | St. Croix County | 3/29/2010 | |
| DRAFT Lake Mallalieu / Willow River TMDL Implementation Plan | | TMDL Implementation Plan | | St. Croix County Land and Water Conservation Department, WDNR | 2/3/2012 | |
| Lower Willow River Watershed (SC02) Ecological Landscapes Map | | | | | 6/27/2011 | |
| Lower Willow River Watershed (SC02) Goals and Priorities Image | | | | | 6/22/2011 | |
| Lower Willow River Watershed (SC02) Impaired Waters Map | | | | | 7/22/2011 | |
| Lower Willow River Watershed (SC02) Learn More Image | | | | | 7/25/2011 | |
| Lower Willow River Watershed (SC02) Map | | | | | 7/25/2011 | |
| Lower Willow River Watershed (SC02) WAG | | Watershed at a Glance | | WQ PROGRAM | 7/27/2011 | |

7/25/2024

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|--|---|--------------------|-----------|--|
| WILLOW RIVER, ST. CROIX COUNTY, DEER PARK STP USE DESIGNATION | Willow River, St. Croix County, Deer Park STP Use Designation, Stream Classification Report, Wastewater Receiving Stream Classification Report with Site Map and Site Photographs | Tusler, Mark | 7/25/1979 | |
| Watershed Wetlands Analysis 2010 SC02 Lower Willow River Watershed | | Smith, Christopher | 3/30/2010 | |
| Watershed_ORW303D_Lower Willow River | Watershed_ORW303D_Lower Willow River | Binder, Mark | 2/4/2010 | |
| Watershed_landuse_Lower Willow River | Watershed_landuse_Lower Willow River | Binder, Mark | 2/4/2010 | |
| Watershed_portrait_Lower Willow River | Watershed_portrait_Lower Willow River | Binder, Mark | 2/4/2010 | |
| Watershed_portrait_Lower Willow River-wetlands | Watershed_portrait_Lower Willow River-wetlands | Binder, Mark | 2/4/2010 | |
| Willow River Watershed Plan 2010 (SC02, SC03) | Assessment and recommendations for SC02 and SC03. | Bartilson, Kathy | 10/5/2010 | |

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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