

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** WR03-70000-05 A  
**Name:** WINNEBAGO COUNTY LCD: Norwegian Bay Shoreline  
**Type:** NPS Grant  
**Subtype:** Targeted Runoff - Rural Construction  
**Status:** COMPLETE  
**Start Date:** 01/01/2005  
**End Date:** 12/31/2008  
**Purpose:** Installation and construction of shoreline protection practices to stabilize that portion of the Wolf River Marsh Complex along the Wolf River delta at Lake Poygan, protecting the wetland, reducing sediment & phosphorus loading to the watershed, and improving the aquatic habitat.  
**Objective:** Impede erosion and revegetate a major portion of the Norwegian Bay marsh/wetland in order to reduce effluent turbidity, TSS and phosphorus entering Lake Winnebago.  
**Comments:** Grantee is WINNEBAGO COUNTY LCD  
**Outcome:** Behind the installed riprap breakwater, clearer water and emergent and submergent wetland plants were being reestablished to reduce sediment delivery to Lake Poygan by 1,553 tons TSS and 2,330 lbs. phosphorus annually.  
**Study Design:**  
**QA Measures:**

### People

| Name                 | Role        | Status   | Start Date | End Date   | Organization         | Comments             |
|----------------------|-------------|----------|------------|------------|----------------------|----------------------|
| WINNEBAGO COUNTY LCD | GRANT_RECIP | INACTIVE | 01/01/2005 | 11/08/2008 | WINNEBAGO COUNTY LCD | WINNEBAGO COUNTY LCD |

### Project Statuses

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

### Actions

| Action                               | Detailed Description  | Start               | End Date     | Status                       |
|--------------------------------------|---|---------------------|--------------|------------------------------|
| Grant Awarded                        |   | 01/01/2005          | 11/08/2008   | COMPLETE                     |
| Runoff Grant - Targeted Runoff Rural |   | 01/01/2005          | 12/31/2008   | COMPLETE                     |
| <b>Details:</b>                      | <b>Parameter</b>  | <b>Value/Amount</b> | <b>Units</b> | <b>Comments</b>              |
|                                      | Streambank & Shoreline Protection: Pollutant load reduction | 1553                |              | Tons of bank erosion reduced |
|                                      | Streambank & Shoreline Protection: Units                    | 4600                | FT           |                              |

### Monitoring Stations

| 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

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**Method Code**                      **Description**

### Fieldwork Events

**Start Date**            **Status**                      **Field ID**                      **Station ID**            **Station Name**

### Documents

| <b>Title</b>                                 | <b>Description</b> | <b>Author</b> | <b>Published</b> | <b>Comments</b> |
|--|--------------------|---------------|------------------|-----------------|
| Norwegian Bay Lake<br>Wetland - Final Report |                    | Casper        | 11/08/2008       |                 |

### Budget

**Combined Budgets:**

**Combined SLOH:**

**Combined Total:**

### Funding

| <b>Organization</b> | <b>Source</b> | <b>Type</b> | <b>Amount</b> | <b>Start Date</b> | <b>End Date</b> |
|---------------------|---------------|-------------|---------------|-------------------|-----------------|
|---------------------|---------------|-------------|---------------|-------------------|-----------------|