

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** GLRI-00E00876-sub2

**Name:** Kiwanis Park Shoreline Restoration

**Type:** Great Lakes Restoration Initiative

**Subtype:** Habitat

**Status:** ACTIVE

**Start Date:** 07/19/2011

**End Date:** 12/31/2099

**Purpose:** The goal of this project is to restore the terrestrial and aquatic habitat of the shoreline, as well as stabilize the riverbanks to reduce sedimentation and associated habitat impacts. Actions undertaken, as part of the project will include:

- Reconstructing or retrofitting existing outlet structures with riprap and engineered flow diversion structures to address erosive flows from the storm water outfalls.
- Stabilizing riverbanks utilizing toe erosion structures in combination with geotextile fabrics and vegetation re-establishment. Bank slopes will be "cut-back" where possible to provide more stable profiles. However, encroaching right-of-way lines and roadways, in combination with existing steep slopes and drop-offs, will make this technique particularly challenging. Existing shoreline debris (concrete and asphalt) will be removed.
- Re-establishing native vegetation along the riverbank to facilitate restoration of habitat and reduce the impact of non-point storm water runoff. This buffer will be a combination of native trees, shrubs and herbaceous vegetation. Three growing seasons of maintenance and monitoring of vegetation during buffer establishment will be performed following buffer installation.

**Objective:**

- Restore riparian and shoreline habitat in the Kiwanis Park area.
- Naturalize the shoreline and retrofit storm water outfalls to reduce erosive flows to maintain a stable shoreline. Re-establish native species and provide a buffer along the shoreline.

**Comments:** \$2,115,000

- Outcome:**
- Restoring and stabilizing ¾ mile of shoreline habitat.
  - Managing invasive plants and restoring riparian and emergent vegetation.
  - Establishment of a buffer along the Kiwanis Park shoreline.
  - Retrofitting at least three major and several minor stormwater outfalls to improve habitat and decrease erosive flows.

### People

| Name             | Role        | Status | Start Date | End Date   | Organization  | Comments |
|------------------|-------------|--------|------------|------------|---------------|----------|
| HRON, STACY L    | COORDINATOR | ACTIVE | 07/29/2011 |            | Wisconsin DNR |          |
| Nickel, Adam     | TEAM_MEMBER | ACTIVE | 10/14/2013 |            |               |          |
| PAPPAS, VICTOR C | SUPERVISOR  | ACTIVE | 09/23/2011 | 07/29/2011 | Wisconsin DNR |          |

### Project Statuses

| Date       | Reported By | Status              | Comments   |
|------------|-------------|---------------------|--|
| 12/31/2011 | LAUREL LAST | Progress: 0-25% Co  | This work is being completed in partnership with the City of Sheboygan and Sheboygan County under a sub-award aid agreement. The agreement with these partners has been completed for the design phase of the project. A contractor has been hired to complete project design (along with 2 other projects) and the design is in progress. The QAPP is in progress as well. The USGS has been retained to collect and analyze hydrology and hydraulic data to support these restoration projects (see separate report).<br>Approx. 20% complete<br>Problems encountered: None. |
| 03/31/2012 | STACY HRON  | Progress: 25-50% Co | Site design is underway and a QAPP was completed. Designs will be completed by the City of Sheboygan's contractor along with   |

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| Date       | Reported By | Status              | Comments  |
|------------|-------------|---------------------|---|
| 06/30/2012 | STACY HRON  | Progress: 25-50% C  | those for the Wildwood Island, Taylor Drive/Indiana Ave. and Shoreline Stabilization projects. Construction of these projects will be bid, contracts awarded and construction will begin in the next quarter. |
| 09/30/2012 | STACY HRON  | Progress: 50-75% C  | Design plans were completed, bidding was completed and a contract is now being negotiated with the contractor for the City of Sheboygan. Construction of the habitat improvements will begin in July.         |
| 12/31/2012 | STACY HRON  | Progress: 75-100% C | Construction of the habitat improvements is underway.   |
| 03/31/2013 | STACY HRON  | Progress: 75-100% C | Construction of the habitat improvements was completed. Sites will be monitored to ensure establishment of vegetation. Repairs will be made if necessary.   |
| 06/30/2013 | STACY HRON  | Progress: 75-100% C | Installation of landscaping not completed last fall will be carried out as weather permits. Sites will be monitored to ensure establishment of vegetation. Repairs will be made if necessary.                 |
| 09/30/2013 | STACY HRON  | Progress: 75-100% C | Remaining landscaping tasks and some repair work were completed by the contractor. Sites will be monitored to ensure establishment of vegetation. Repairs will be made if necessary.                          |
| 12/31/2013 | Adam Nickel | Progress: 75-100% C | Site monitoring will continue next quarter. Management will resume in 2014.   |
| 03/31/2014 | Adam Nickel | Progress: 75-100% C | Site monitoring continued to ensure establishment of vegetation. Site monitoring will continue next quarter and repairs will be made if necessary.  |
|            |             |                     | Site monitoring continued this quarter and will continue next quarter in order to ensure the establishment of vegetation and check for necessary repairs.   |

### Project Status Detail

Answer Set: DEFAULT

| Question   | Answer   |
|--|--|
| 1. Reporting Timeframe (Q1) (Q2) (Q3) (Q4):                        | Q3 ¿ January 1 to March 31, 2014   |
| 2. Amount expended this reporting period:                          | see parent project for details   |
| 3. Subcontracts or subgrants awarded this reporting period:        | none   |
| 4. QAPP (Project Plan) status:                                     | QAPP approved 2-25-12  |
| 5. Local services and/or products purchased this reporting period: | none   |
| 6. Number of jobs created this reporting period:                   | none   |
| 7. Work accomplished this reporting period:                        | Site monitoring continued throughout the winter this quarter.  |
| 8. Work goals for coming reporting period:                         | Site monitoring will continue to ensure the establishment of vegetation and check for necessary repairs. Targeted invasive species treatments will also continue next quarter. |

### Actions

| Action        | Detailed Description   | Start | End Date   | Status   |
|---------------|--|-------|------------|----------|
| Grant Awarded | The goal of this project is to restore the terrestrial and aquatic habitat of the shoreline, as well as stabilize the riverbanks to reduce sedimentation and associated habitat impacts. | ***** | 12/31/2099 | PROPOSED |

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Monitoring Stations

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

### Assessment Units

| WBIC  | Segment | Local Name      | Official Name   |
|-------|---------|-----------------|-----------------|
| 50700 | 1       | Sheboygan River | Sheboygan River |

### Lab Account Codes

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

### Forms

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

### Methods

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

### Fieldwork Events

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

### Documents

| Title  | Description   | Author         | Published  | Comments |
|--|---|----------------|------------|----------|
| Kiwanis Park Quarterly Progress July 1-September 30, 2013  |   | Adam Nickel    | 09/30/2013 |          |
| Quarterly Progress Report (Kiwanis Park) - Apr-June 2012   |   | Stacy Hron     | 06/30/2012 |          |
| Quarterly Progress Report (Kiwanis Park) - Apr-June 2013   |   | Stacy Hron     | 06/30/2013 |          |
| Quarterly Progress Report (Kiwanis Park) - Jan-Mar 2012    |   |                | 03/31/2012 |          |
| Quarterly Progress Report (Kiwanis Park) - Jan-Mar 2013    |   |                | 03/31/2013 |          |
| Quarterly Progress Report (Kiwanis Park) - July-Sept 2012  |   | Stacy Hron     | 09/30/2012 |          |
| Quarterly Progress Report (Kiwanis Park) - Oct-Dec 2013    |   |                |            |          |
| Quarterly Progress Report - (Kiwanis Park) - Oct-Dec 2012  |   | Stacy Hron     | 12/31/2012 |          |
| SWIMS project summary GLRI-00E00876-sub2                   | SWIMS project summary GLRI-00E00876-sub2 Kiwanis Park       | SWIMS          | 02/03/2012 |          |
| kiwanis park restoration Q1-2                              | Shoreline Restoration in Sheboygan River AOC (Q1-2 report). |                |            |          |
| Sheboygan River Kiwanis Park Shoreline Habitat Design QAPP | Approved QAPP with signatures                               | SEH - Tom Sear | 02/06/2012 |          |

### Budget

## Wisconsin Department of Natural Resources SWIMS Project Summary

Combined Budgets:

Combined SLOH:

### Funding

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