

PROGRESS REPORT

USEPA-Great Lakes Restoration Initiative Projects

Grant: GL-00E00876-0

Project Title: Sheboygan River Area of Concern: Pathway to Delisting Beneficial Use Impairments

Reporting Period Covered: 1/1/2013 to 6/30/2013

Principal Investigator: Steve Galarneau

1. What work was accomplished for this reporting period? Report should quantify results as measurable products, i.e. numbers, acres, contacts, improvements in water quality, habitat, etc.

Following is a list of work accomplished organized by sub-project:

- **Kiwanis Park Shoreline Restoration, Taylor Dr. and Indiana Ave. Riparian Area and Wetland Restoration, Wildwood Island Area Restoration, Shoreline Stabilization in Problem Areas:** After some unusual winter flooding some minor repairs were necessary at the habitat restoration sites. The contractor performed these repairs along with planting live stakes and some other miscellaneous landscaping tasks this spring and summer. The USGS continued analysis and reporting for the hydrologic assessment.
- **In-Stream Habitat Improvements:** Some landscape repair at equipment access points along the river was completed this spring. The final QAPP documents were submitted to EPA by UW-Green Bay for approval.
- **Targeted Invasive Species Control:** The contractor performed Buckthorn and Garlic Mustard treatments in the winter and early spring.
- **Evaluation of Waterfowl Consumption Advisories within the AOC:** Sample processing and analysis are underway. Preliminary data from the first year of sampling indicated high levels of contaminants in waterfowl collected. It was determined that a third year of sampling was unnecessary as the consumption advisory would not be removed due to the concentrations found.
- **Evaluation of Fish Tumors and Other Deformities:** Sampling at the reference site was completed in spring. Tumor analysis is in progress by USGS/University of West Virginia as well as isotope analysis by UW-Madison.
- **Benthos and Plankton BUIs Evaluation in WI's Lake Michigan AOCs:** USGS continued analysis and reporting.
 - **UW-Extension Education and Outreach:** The following education and outreach activities were completed in January-June through our contract with UW-Extension: facilitated 2 TAC meetings; developed and distributed 1,200 winter issue Sheboygan River Explorer newsletters; planned and advertised 6 citizen science trainings/projects; and led or assisted with 6 program presentations (Wisconsin Wetlands Association Conference tour of the Sheboygan River habitat projects (6), Kohler High School students hike along AOC (45), Lakeshore Technical College career day (120), Oostburg Kiwanis Club (40), Frog and Toad Survey citizen science training (12), and eBird citizen

science training(4); developing, advertising, coordinating and leading twelve citizen science/monitoring programs, including bat monitoring, birding, frog and toad surveying, invasive plant control, and native plant identification; spring issue of the Sheboygan River Explorer newsletter was developed, printed and distributed via US mail, email, the website and delivered in person to 43 locations in quantity; website updates were made; work began on organizing and archiving a Sheboygan River AOC Projects photo library; planning began for riverside permanent exhibit panels.

2. What, if any, changes were made from the Object Class Categories listed in Sec. B of the SF 424A or Box 29 of the IA, as applicable?

No changes have been made.

3. If a problem was encountered, what action was taken to correct it?

No issues arose during the reporting period.

4. What work is projected for the new reporting period activity?

The following activities are projected for the next reporting period (7/01/2013 to 12/31/2013):

- **Kiwanis Park Shoreline Restoration, Taylor Dr. and Indiana Ave. Riparian Area and Wetland Restoration, Wildwood Island Area Restoration, Shoreline Stabilization in Problem Areas:** The contractor will monitor the landscape plantings and invasive species removal and perform follow up maintenance and treatments. USGS reporting will be completed by Sept. 30, 2013.
- **In-Stream Habitat Improvements:** No additional work is anticipated at these sites. Landscape plantings will be monitored for establishment.
- **Targeted Invasive Species Control:** The contractor will continue invasive plant treatment and site monitoring.
- **Evaluation of Waterfowl Consumption Advisories within the AOC:** DNR will continue with data analysis and reporting.
- **Evaluation of Fish Tumors and Other Deformities:** University of West Virginia/USGS and UW-Madison will continue analysis and reporting.
- **Evaluation of Benthos and Plankton BUIs in WI's Lake Michigan AOCs:** Reporting will be completed.
- **UW-Extension Education and Outreach:** Continue with community outreach and education efforts and to continue to facilitate the TAC. This will be done through our own efforts and through teamwork with partner agencies working on the Sheboygan River projects.

5. Is the project work on schedule? List activities from the Work Plan, and any required Quality System Documentation, and report as percent completed. (a) This reporting period (b) For the project.

Work is on schedule for this reporting period and for the project.

- **Kiwanis Park Shoreline Restoration:**
 - Approx. 80% complete
 - Design QAPP: Approved
 - Construction QAPP: Approved
 - Still remaining: Maintain and monitor project sites for three growing seasons.
- **Taylor Dr. and Indiana Ave. Riparian Area and Wetland Restoration:**
 - Approx. 80% complete
 - Design QAPP: Approved
 - Construction QAPP: Approved
 - Still remaining: Maintain and monitor project sites for three growing seasons.
- **Wildwood Island Area Restoration:**
 - Approx. 80% complete
 - Design QAPP: Approved
 - Construction QAPP: Approved
 - Still remaining: Maintain and monitor project sites for three growing seasons.
- **Shoreline Stabilization in Problem Areas:**
 - Approx. 80% complete
 - Design QAPP: Approved
 - Construction QAPP: Approved
 - Still remaining: Maintain and monitor project sites for three growing seasons.
- **In-Stream Habitat Improvements:**
 - Approx. 100% complete
 - UWGB QAPP: Partial Approval
 - Design/Construction QAPP: Approved
 - Still remaining: No additional work is anticipated.
- **Targeted Invasive Species Control:**
 - Approx. 25% complete.
 - QAPP: Approved
 - Still remaining: Implement invasive species treatment and monitoring through 2015.
- **Evaluation of Waterfowl Consumption Advisories within the AOC:**
 - Approx. 75% complete.
 - QAPP: Partially Approved
 - Still remaining: Complete sample analysis and reporting.
- **Evaluation of Fish Tumors and Other Deformities:**
 - Approx. 90% complete
 - QAPP: Partially Approved

- Still remaining: Complete sample analysis and reporting.
- **Benthos and Plankton BUIs Evaluation in WI's Lake Michigan AOCs:**
 - Approx. 90% complete.
 - QAPP: Approved
 - Still remaining: Complete data analysis and reporting.
- **UW-Extension Education and Outreach:**
 - Approx. 80% complete
 - No QA documentation necessary
 - Still remaining: Facilitation of meetings month by month, planning and development of educational materials and public programs and events.

6. Does the project funding rate support the work progress? Report as percent spent of budgeted amounts for Federal and non-Federal.

Yes, approximately 85% of the total federal funding for this project (\$6,408,712) has been drawn for project work.

7. Is there a change in principal investigator?

No.

8. Will the project take longer than the approved project period? If so, have you formally requested an amendment in writing?

No.

9. What is the date and amount of your latest drawdown request? If no request has been submitted, please explain.

The last draw for this grant was done on 06/27/13 for \$467,811. Total drawn to date is \$5,440,083.

10. What is the date of your latest entry into the Great Lakes Accountability System? If no recent entry has been submitted, please explain.

Entries were made into GLAS on 7-5-2013.