

**USEPA-Great Lakes Restoration Initiative Projects
PROGRESS REPORT
GLAS**

Grant or IA Number:

GL 00E00570

Project Title:

GLRI - DNR Removal of Phragmites and Lyme Grass from Lake Michigan shores

Reporting Period Covered:

April 2012 to October 2012

Principal Investigator:

Heidi Springborn, Project Coordinator

The principal investigator of grants, cooperative agreements, and interagency agreements (IAs) is required to submit to the USEPA project officer a [quarterly or semi-annual] progress report. This report can be as brief as one page as long as you can provide the requested information. The items listed below should be addressed as appropriate:

- 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.**

2012 Sprayed Acres Phragmites		
2012	AIR	GROUND
GBWS	587.2	740
Door	36.2	230.9
TOTAL Acres	623.4	970.9



2011 Acres treated

* This number is all acres treated, both Phragmites & Lyme Grass (3 Contracting firms were hired in 2011 through a sealed bid performed the follow up work through re-negotiation of term. 2 additional contractors were hired for Door County)

Grand Total:

Phragmites Sprayed: 3399.8 Acres
Lyme Grass: 50 Acres

Phragmites Sprayed (2011):

Contracted

1) Skyline Helicopters

Total Air: 2995 Ac.

Total Ground: 111.3 Ac.

2) Michler and Brown (48.8 acres)

3) Clean Kill Invasives (62.5 Ac)

DNR Staff

Grand Total: 243.5 Ac

Lyme Grass Sprayed (2011):

DNR Staff

Grand Total: 50.0 Ac.

Permission obtained:

Approx. 1800 in total landowner permissions obtained equating to 95% enrollment of private lands below OHWM

QAPP completed and approved:

Approved August 19, 2011

Environmental Assessment completed and approved:

Approved July 28, 2011

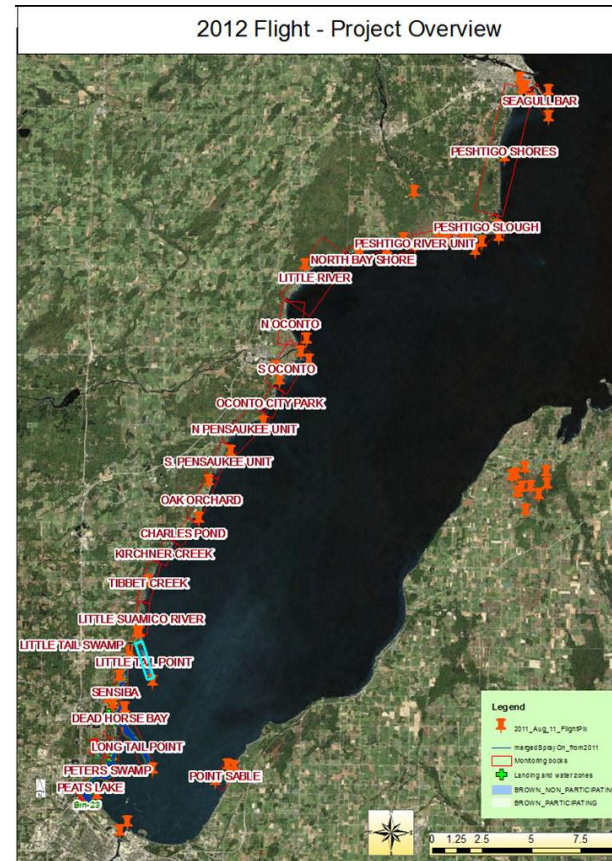
Permit for aquatic treatment:

WPDES – DNR obtained through 2015

1. Bureau of Endangered Resources
2. Bureau of Wildlife Management

APM - Permits obtained

- 1) Green Bay West Shores & Manitowoc and Sheboygan
 - a. Heidi Springborn, Project Coordinator
 - b. Aerial & Ground Applications:
 - i. DNR Staff
 - ii. 5 Hired Contractors in total
- 2) Door County



Herbicide treatments:

All products MUST be aquatic use approved. Imazapyr (~28.7% active ingredient)

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.

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

Additional assistance was needed for coordination of lands in Door County. Joe Henry, regional Ecologist coordinated that effort and decisions were made to perform the work, by his leadership. The State natural Areas crew assisted him with that effort.

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

- Follow up monitoring of the 2011 and 2012 sprayed sites
- Continue to attend public meeting and functions to keep the momentum gained on control efforts
- Produce a database that will generate the analytical information needed for reporting.

Project specific information and resources will be sent to project boundary landowners, already given permission through 2013. This letter will include information for 2001 and 2012 treatments activities represented as acres sprayed and miles of restored shoreline, a map of sprayed lands, photos taken from the monitoring flights, contractor lists, how to obtain certification for herbicide application, and general information on suggested herbicide to use and rate to apply.

- 1800 are now a part of this integrated effort on invasive species control. Private landowner will continue to monitor their properties and address the required follow up work, if funding is not available.
- Phragmites Spraying Hotline Information number provided to 1) Landowners enrolled in the program, 2) All interested landowners, and Agency representatives.
 - A pre-recorded voice message providing information on the shoreline control.



- Phragmites Shoreline Spraying Daily Info Line
920-662-5447
- Updated August through October;
- Maintained by the Project Coordinator, (HLS) updated daily as the spraying progressed.
- Distributed via postal mail, emails, and door to door prior to spraying

Education & Outreach:

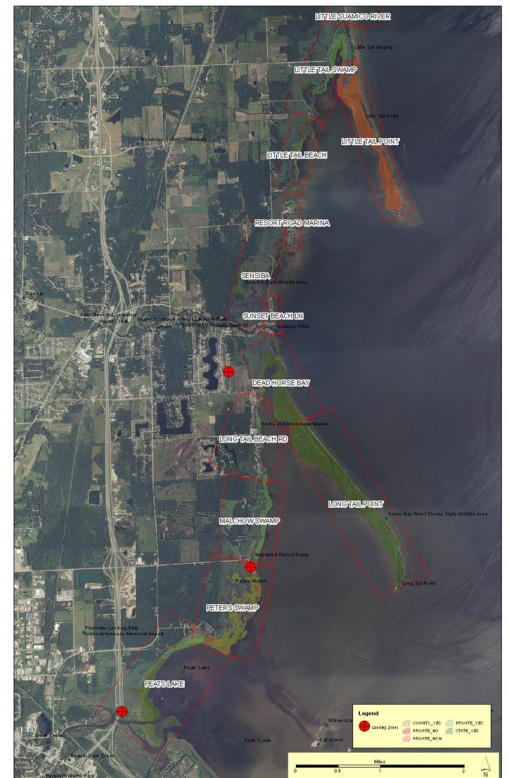


- Create educational items; Phragmites, Lyme Grass, and any other suggested items requested/needed from Partners' and Landowners.
- Control and Management options for invasive Phragmites
- Certification procedures for herbicide application and licensing.
- Continue with educating the public on the next steps, current and future management, any specific rules and regulations to abide by, and whom to contact for expert advice.
- Speak at public functions and to the public about the project and actively seek funding opportunities for 2013 and beyond.
- Work with Project Partners on invasive species control practices, and setup landowner workshops to educate on management into the future.
- The Project Coordinator will submit a final article about the success gained from a collaborative effort with large scale Phragmites management performed in NE Wisconsin, submitted to the Department of Natural Resources Magazine, and other local fishing, hunting, and recreational groups.
- Submit final report in August 2013 to EPA

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

QAPP approved: August 18, 2011
Revision: Anticipated by next reporting period.

Monitoring locations are in place, data has been gathered on 1) Baseline (untreated), 2) 2011 spray data, 2011 monitoring information indicated an 80-90 percent effective kill, and a substantial reduction of invasive Phragmites from the landscape. This information was used in generating the



information needed and locations sprayed in 2012. 2013 monitoring will be gathered in the spring and included into the final report as a percentage of Phragmites killed and a percentage of Phragmites removed across the landscape.

Any work to be performed in 2013 will be dependent on any available funding.



GIS data will not be able to be collected on how much Phragmites remains on the landscape until more growth occurs, spring 2013. Growth will be an indicator on effectiveness success of the herbicide application and applicator performance of treatments performed August to October 2011.

90% of the project's goals, tasks, and activities as outlined in the approved grant and project outcomes are currently being completed by the Project Coordinator.

As the project progresses, more public awareness is raised, additional duties and task are needed for proper communication an educational outreach. Current project specific duties are doubled if not tripled.

At this current time, the Project Coordinator takes on the additional duties that are added. Additional hours are needed on a daily basis to complete tasks and meet the projected deadline for the final report and close of the grant, August 31, 2013. 50% of time spent on project goals and tasks is donated time.



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

The Federal funding rate currently supports the work performed.

7) Is there a change in principal investigator?

No changes to the principle investigator, Heidi Springborn.

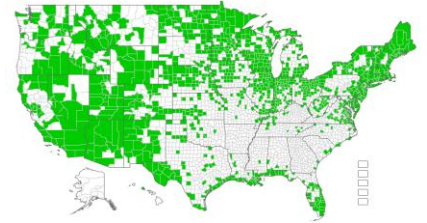
8) Will the project take longer than the approved project period?

If so, have you formally requested an amendment in writing?



It is unknown at this time.

The Project Coordinator is seeking any possibilities for grant funding sources to continue Phragmites management and control for a long term sustainability, if available.



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

Generated at the beginning of the October for use in the semi-annual report:
Last draw for the grant was 8/2/12.

00E00570 – Removal of Phragmites and Lyme Grass from WI Lake MI Shoreline
(Endangered Resources) \$15,877 Total \$442,618

Funding spect on Contract work for 2012 (Yet to be drawn)for the period through 9/30/12.

\$226, 669.60



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

The last entry into the GLAS system was:
× April 2012 – October, 2012

Please reference the USEPA project number on your report and on all correspondence.

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