

**Request for Proposals (RFP)**  
 FY 2013 Northeastern Area State and Private Forestry  
 Great Lakes Restoration Initiative (GLRI)  
*Reply Due March 12, 2013 to [GLRI@fs.fed.us](mailto:GLRI@fs.fed.us)*

**Background and Purpose**

The interagency Great Lakes Restoration Initiative (GLRI) targets improvements to the most significant environmental problems within the Great Lakes basin. Through an agreement with the Environmental Protection Agency, the US Forest Service has received funding to support projects that implement strategic, priority actions within Forest Service authorities to restore, protect, and maintain the Great Lakes ecosystem. Successful projects will address near-shore health and nonpoint source pollution, invasive species, and toxic substances that impact water quality in priority watersheds or those that drain to identified Areas of Concern<sup>1</sup>. Available funds are distributed across four specific program areas:

Program Area	Estimated Funding	GLRI Focus Areas
1. <b>Restore Urban and Community Forests</b> - Utilize existing management plans and tree cover assessments to plant and maintain tree canopy cover that will reduce storm water runoff and improve water quality.	\$ 191,000	Near-shore health and nonpoint source pollution
2. <b>Mitigate Emerald Ash Borer (EAB) Impacts</b> - Ash tree replacement with non-host species in urban EAB quarantine areas to protect and restore biodiversity and water quality in targeted sub-watersheds, and to reduce soil erosion and nutrient runoff (esp. phosphorus).	\$1,141,000	Invasive Species
3. <b>Reduce Toxic Substances in Brownfield Sites</b> – Plant site-appropriate trees and vegetation to take up or trap certain toxic substances and restore green infrastructure that will reduce storm-water runoff.	\$1,551,000	Toxic Substances and Areas of Concern
4. <b>Develop Ecosystem Services Markets</b> – Monitor and quantify the impact of new or existing green stormwater infrastructure. Provide incentives for installing green infrastructure, promote the maintenance of privately owned forests, and educate the public on the value of forests in protecting the Great Lakes.	\$175,000	Near-shore health & nonpoint source pollution

**Eligibility**

State agencies, Tribal communities, non-profit organizations, academic partners, and municipalities are eligible for GLRI funding within the Great Lakes Basin of Minnesota, Wisconsin, Michigan, Illinois, Indiana, Ohio, Pennsylvania and New York. **Eligible applicants must consult with their appropriate State Forester or Tribal administrator (for federally recognized tribes) to develop and submit proposals.**

The Great Lakes Watershed is defined as those areas within the United States draining (surface, overflow, or groundwater) into either: Lake Superior, Lake Michigan<sup>2</sup>, Lake Huron, Lake Erie, or Lake Ontario or draining into the St. Lawrence River west of where the International Boundary line leaves the river. A map of the watershed including eligible counties with lands in the watershed is attached.

No match is required. However, the ability to demonstrate partnerships and to leverage funds will be an important consideration when proposals are reviewed.

<sup>1</sup> Great Lakes Areas of Concern: <http://epa.gov/greatlakes/aoc/index.html>

<sup>2</sup> In Illinois and Indiana, for purposes of this RFP, the defined Great Lakes Basin includes the historic watersheds of the North Shore channel, Chicago and Little Calumet Rivers. See maps on page 7.

To be successful, proposals must conform to the **authorities** of the Forest Service Cooperative Forestry Assistance Act. Proposals addressing **Program Areas 1, 2, and 3** (see table above) must follow Urban and Community Forestry (UCF) program authorities: “To plan for, establish, manage and protect trees, forests, green spaces and related natural resources in and adjacent to cities and towns” (<http://www.federalgrantswire.com/urban-and-community-forestry-program.html>). Proposals addressing **Program Area 4, “Development of Ecosystem Services Markets”** may follow authorities of the UCF Program, or may follow authorities of the Forest Stewardship Program, specifically, “To provide financial, technical, educational, and related assistance to State foresters or equivalent State officials for: The delivery of information and professional assistance to owners of nonindustrial private forest lands...” <http://www.federalgrantswire.com/forest-stewardship-program.html>.

## Requirements and Evaluation Criteria

### Minimum Requirements

- All proposed projects must lie entirely within the Great Lakes watersheds.
- Proposals must address:
  - A single Program Area (see Table, page 1);
  - Linkage to the Great Lakes Action Plan (see <http://greatlakesrestoration.us/>) or specific Remedial Action Plans for target AOCs (see <http://epa.gov/greatlakes/aoc/>);
  - Linkage to State Forest Action Plans (see <http://www.forestationplans.org/regional-state>)
- Proposals must be fully implemented in the time proposed (2 years from date of award)
- Eligible proposals must include documented support (*letter or e-message*) of State Forester or Tribal Administrator (for federally designated Tribes) for the project proposal.
- Emerald Ash Borer mitigation projects are eligible only in EAB quarantined counties (see Map in Appendix C). The focus of these projects must be restoration of tree canopy cover.
- Tree planting proposals must specify the estimated number and size of trees. The proposed planting of trees and other plant material must be based on a landscape plan that includes specifications for plant selection, planting and maintenance. Plant material must meet the American Standard for Nursery Stock (ANSI Z60.1). Tree planting and maintenance should also follow the standards described in “Principals and Practices for Planting Trees and Shrubs”, International Society of Arboriculture. Special precaution should be taken to avoid planting invasive trees and other plants.
- Projects may occur only on non-federal land.
- GLRI requirements include quarterly progress reports with a final report due upon project completion.
- Awardees will be required to comply with all Federal laws and regulations related to the completion of projects as stated in the letter of award.
- Projects must post a visible project identification sign, erected as appropriate at each on-the-ground project, including: project information, GLRI, and federal agencies involved.

### Evaluation Criteria (Relative Weight)

- *Addresses near-shore water quality issues in the Great Lakes watershed or in sub-watersheds draining into the Great Lakes (30%)* – Scope of work specifically addresses the protection, maintenance or restoration of the chemical, biological or physical integrity of the Great Lakes watershed.
- *Addresses priority landscapes (30%)* – Provides a clear connection to the State Forest Action Plan as well as the Great Lakes Action Plan or Remedial Action Plans addressing water quality. Priority will be given to project proposals for work in priority watersheds and those that drain to designated Areas of Concern (<http://epa.gov/greatlakes/aoc/>).

- *Measurable results/outcomes expected (35%)* – Includes specific units of work accomplished (acres treated, trees planted, number of people reached) measured and reported as a part of the project; and includes proposed outcomes contributing to improved water quality (i.e., estimated gallons of storm water diverted or nutrient run-off reduced; phosphorus retained, etc.). Target tree canopy cover should equal or exceed current levels. Maximize return on investment.
- *Partnerships and Other considerations (5%)* – Projects should identify partners that have demonstrated a commitment and add value (quantitative or qualitative) towards project planning and implementation.

**Grant Limits and Submission Instructions**

Proposals should be submitted separately under each of the four listed Program Areas.

Program Area and Limits of Requested Federal Share	Minimum	Maximum
1. <b>Restore Urban and Community Forests</b>	\$ 30,000	\$50,000
2. <b>Mitigate Emerald Ash Borer (EAB) Impacts</b>	\$50,000	\$250,000
3. <b>Reduce Toxic Substances in Brownfield Sites</b>	\$50,000	\$400,000
4. <b>Develop Markets for Ecosystem Services</b>	\$30,000	\$160,000

State Forestry agencies may consolidate these projects with other federal funds, but activities and accomplishments must be tracked and reported separately.

Tribal Administrators are asked to send a copy of their GLRI proposal to the appropriate State Forester, as they submit their project proposal directly to the US Forest Service ([GLRI@fs.fed.us](mailto:GLRI@fs.fed.us))

All partner recipients of federal funds should be clearly identified in the partner section of the application: name of organization and funding amount. The work responsibilities or sub-grant objectives of partner recipients should be clearly described in the project proposal. **All proposals must include documented support (letter or e-message) of either the State Forester or Tribal Administrator.**

If you have questions, regarding the types of projects or components that can be considered, please contact your respective Field Office Representative:

***New York:***

**Terry Miller**, Durham Field Office Representative (603) 868-7694, [twmiller@fs.fed.us](mailto:twmiller@fs.fed.us)

***Ohio and Pennsylvania:***

**Robert Lueckel**, Morgantown Field Office Representative (304) 285-1540, [rlueckel@fs.fed.us](mailto:rlueckel@fs.fed.us)

***Mid-Western States:***

**Barbara Tormoehlen**, St. Paul Field Office Representative, (651) 649-5276, [btormoehlen@fs.fed.us](mailto:btormoehlen@fs.fed.us)

Additional information may also be obtained from **Phillip Rodbell** (610) 577-4133- or [prodbell@fs.fed.us](mailto:prodbell@fs.fed.us)

Application instructions are attached. Please submit your proposals to [GLRI@fs.fed.us](mailto:GLRI@fs.fed.us) in electronic form, **no later than close of business on March 12, 2013.**

Program Area Information  
FY 2013 Northeastern Area State and Private Forestry  
Great Lakes Restoration Initiative (GLRI)

**Program Area: Restore Urban and Community Forests**

GLRI funds for this program area are intended to restore urban and community forests within the Great Lakes Basin. Priority will be given to grant proposals for work within priority watersheds and those that drain to designated Areas of Concern. Projects will plant and maintain tree canopy cover tiered to implementation of existing assessments, management plans and monitoring protocols with a focus on reducing storm water runoff and improving water quality. Assessment tools include but are not limited to i-Tree Eco, i-Tree Streets, Urban Tree Canopy Assessment, Hazard Tree Risk Assessment, Invasive Plant Best Management Practices, and Urban Forest Health Monitoring protocols. Visit the following websites for additional information:

[www.Forestsforwatersheds.org](http://www.Forestsforwatersheds.org) ; [www.itreetools.org](http://www.itreetools.org).

**Great Lakes Action Plan**

**Outcome:** This project is most closely aligned with Focus Area 3, Near-shore Health and Nonpoint Source Pollution, Goal 2: Land use, recreation and economic activities are managed to ensure that near-shore aquatic, wetland and upland habitats will sustain the health and function of natural communities; and Goal 5: A significant reduction in soil erosion and the loading of sediments, nutrients and pollutants into tributaries is achieved through greater implementation of practices that conserve soil and slow overland flow in agriculture, forestry and urban areas.

**Outputs:** Number of trees planted or maintained and estimated number of gallons of annual stormwater interception averaged over the first 40 years (conversion factor is 1,129 gallons per medium-size tree/year).

**Program Area: Mitigate Emerald Ash Borer (EAB) Impact**

GLRI funds for this program area are intended to restore tree canopy lost to infestation by emerald ash borer. Replanting is critical to maintaining healthy, functioning tree canopy cover that will reduce and cool storm water flow, reduce soil erosion and nutrient runoff (esp. phosphorus), and protect water quality. Priority will be given to project proposals for work within priority watersheds and those that drain to designated Areas of Concern. Emphasis will be on working with communities and residents to mitigate EAB infestation by removing and destroying (dead or dying) ash trees and restoring diverse urban tree canopy cover on non-federal lands in urban and community areas. Target tree canopy cover replacement should equal or exceed levels prior to infestation.

**Great Lakes Action Plan:**

**Outcome:** Focus Area 2, Invasive Species; Measure 2, acres managed for populations of invasive species controlled to a target level.

**Output:** Number of acres treated and/or the number of trees planted

## **Program Area: Reduce Toxic Substances in Brownfield Sites**

GLRI funds for this program can be utilized to address contaminants and toxic substances in degraded sites through the restoration of green infrastructure and the planting of site-appropriate trees and vegetation to take up or trap contaminants and reduce storm-water runoff. Priority will be given to grant proposals for work within priority watersheds and those that drain to designated Areas of Concern. Restoration of green infrastructure must be accomplished in accordance with a specifically designed plan with a defined end-product and end points for plantings.

### **Great Lakes Action Plan**

**Outcome:** Focus Area 1, Toxic Substances and Areas of Concern; Measure 5, pollution (in pounds) collected through prevention and waste minimization projects in the Great Lakes basin.

**Output:** Number of acres treated and/or the number of trees planted to contain or control the migration of subsurface water.

## **Program Area: Develop Ecosystem Services Markets**

GLRI funds for this program area will demonstrate the ecological and economic value of watershed restoration work. Projects will monitor and quantify the impact of new or existing storm-water/green infrastructure, and use this information in cooperation with other land management agencies and outreach experts to build an awareness and desire (markets) to implement green, storm water practices to protect the waters of the Great Lakes. For more information and examples, see: [http://www.fs.fed.us/ecosystems/services/About\\_ES/faq.shtml](http://www.fs.fed.us/ecosystems/services/About_ES/faq.shtml)

Successful projects in this Program Area will:

- Focus on *new/existing storm-water/green infrastructure*<sup>3</sup> developments that use trees and other vegetation to mitigate combined sewer overflow (CSO) discharge risks, or other non-point source pollution discharge;
- Create or utilize methods for quantifying the water quality benefits and their associated economic value in a way that can be utilized in real-world ecosystem market based activities in the Great Lakes watershed;
- Be scalable to larger regions or replicable in other well-defined priority watersheds to create similarly robust, measureable benefits.
- Be designed and deployed so as to be easily understood by participants, policymakers, and the public, with a well-defined and robust technology transfer effort to strategic audiences.

### **Great Lakes Action Plan**

**Outcome:** Focus Area 3, Near-shore Health and Nonpoint Source Pollution, Goal 2: Land use, recreation and economic activities are managed to ensure that near-shore aquatic, wetland and upland habitats will sustain the health and function of natural communities; and Goal 5: A significant reduction in soil erosion and the loading of sediments, nutrients and pollutants into tributaries is achieved through greater implementation of practices that conserve soil and slow overland flow in agriculture, forestry and urban areas.

**Output:** Estimated number of gallons of annual stormwater interception averaged over the first 40 years (conversion factor is 1,129 gallons per medium-size tree/year).

---

<sup>3</sup>Green infrastructure may include trees, tree boxes, reforestation, cisterns, rain barrels, downspout disconnection, green roofs, roof gardens, contained planters, vegetated swales, rain gardens/vegetated infiltration basins, flow-through planters, infiltration planters, and soakage trenches.

## Application Instructions

### FY 2013 Northeastern Area State and Private Forestry Great Lakes Restoration Initiative (GLRI)

Note, The grey box (top right) is for administrator use, or calculated from your entries elsewhere on the form.

- Project Applicant:** Identify the entity responsible for conducting the fiscal and performance accountability of the project. The project applicant in most cases will be the grant award recipient.
- Contact Person:** Provide the name(s) and contact information (address, phone, email) of the Project lead who will serve as principal contact for the project.
- Descriptive Title:** Provide appropriate title for future reference to the project. This must be the same title used on the Application for Federal Financial Assistance.
- Project Location:** Identify the priority watershed draining to a specific Area of Concern or sub-watershed in which project activities will be targeted, and provide GPS coordinates of project sites.
- Program Area(s):** Identify the GLRI Program Area your proposal addresses (4 choices).
- Project Duration:** Projected starting and ending dates, not to exceed two (2) years from date of award.
- Overview:** A short (200word) summary of the project that describes the scope, location, expected accomplishments, and water quality benefits.
- Scope of Work:** Provide a narrative that outlines the methods employed to address the protection, maintenance or restoration of the chemical, biological or physical integrity of the Great Lakes watershed. (Note that planting efforts must include reference to standards and best practices)
- Priority Landscape:** Provide information on the site location and its connection to water quality, including links to the State Forest Action Plan as well as the Great Lakes Action Plan or Remedial Action Plans. Projects draining to Areas of Concerns are preferred.
- Outcomes/Outputs** Clearly list specific relevant outcomes and outputs from the project. **NOTE:** Tree planting proposals must specify the estimated number and size of trees.
- Partners:** List and/or describe any significant partners who will be involved and their specific roles and contract amounts, if relevant. Do not list partners who will not have material involvement in the project. Attach letters of support, as appropriate.
- Time line:** Provide a brief, approximate schedule showing intermediate steps and major milestones. Please indicate if a specific start date is critical. Project time line is not to exceed two years from the date of award.
- Budget:** Provide a proposed budget using the template provided in the application. Show primary budgeted activities and matching funds (if any). Although no match or leveraging is required, proposals which leverage other funds will receive stronger consideration. Be sure to check the total for column one, as this represents the total federal funds requested.

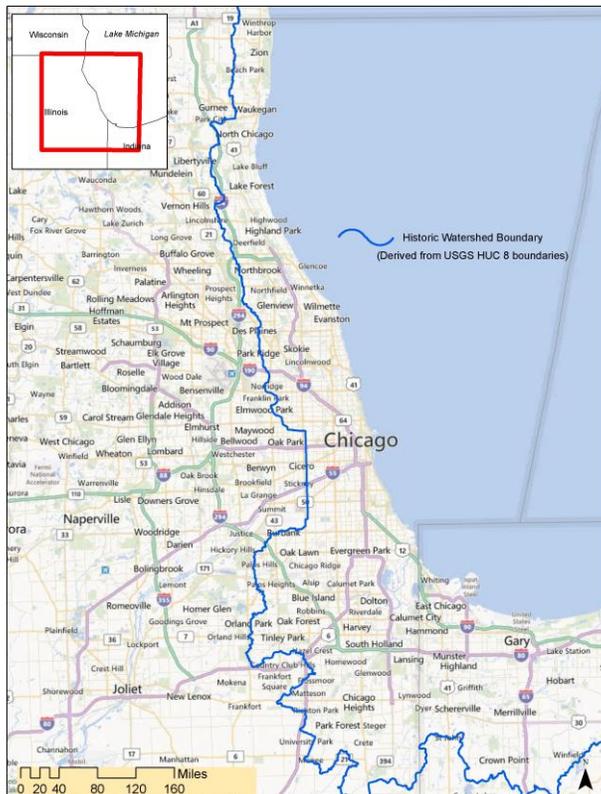
*See Attached Form*

Appendix A - Great Lakes Watershed Map  
FY 2013 Northeastern Area State and Private Forestry  
Great Lakes Restoration Initiative (GLRI)



Map Inset for Illinois and Indiana

*In Illinois and Indiana, for purposes of this RFP, the Great Lakes Basin includes the historic watersheds of the North Shore channel, Chicago and Little Calumet Rivers. This description was provided by EPA and supported by the IL DNR.*



Appendix B - Counties Wholly or Partially in Great Lakes Watershed  
 FY 2013 Northeastern Area State and Private Forestry  
 Great Lakes Restoration Initiative (GLRI)

**Counties Wholly in the Great Lakes Watershed**

**Indiana**

DeKalb  
 LaGrange  
 Steuben

**Michigan**

Alcona	Clare	Iosco	Marquette	Oscoda
Alger	Clinton	Isabella	Mason	Otsego
Allegan	Crawford	Jackson	Mecosta	Ottawa
Alpena	Delta	Kalamazoo	Menominee	Presque Isle
Antrim	Dickinson	Kalkaska	Midland	Roscommon
Arenac	Eaton	Kent	Missaukee	Saginaw
Baraga	Emmet	Keweenaw	Monroe	St. Clair
Barry	Genesee	Lake	Montcalm	St. Joseph
Bay	Gladwin	Lapeer	Montmorency	Sanilac
Benzie	Grand Traverse	Leelanau	Muskegon	Schoolcraft
Branch	Gratiot	Lenawee	Newaygo	Shiawassee
Calhoun	Hillsdale	Livingston	Oakland	Tuscola
Cass	Houghton	Luce	Oceana	Van Buren
Charlevoix	Huron	Mackinac	Ogemaw	Washtenaw
Cheboygan	Ingham	Macomb	Ontonagon	Wayne
Chippewa	Ionia	Manistee	Osceola	Wexford

**New York**

Erie	Orleans
Genesee	Oswego
Jefferson	Seneca
Monroe	Wayne
Niagara	Wyoming

**Ohio**

Cuyahoga	Henry	Ottawa	Van Wert
Defiance	Huron	Paulding	Williams
Erie	Lake	Putnam	Wood
Fulton	Lorain	Sandusky	
Hancock	Lucas	Seneca	

**Wisconsin**

Brown	Florence	Marinette	Outagamie	Waupaca
Calumet	Kewaunee	Menominee	Ozaukee	Winnebago
Door	Manitowoc	Oconto	Sheboygan	

## Counties Partially in the Great Lakes Watershed

### Illinois

Cook  
Lake

### Indiana

Adams LaPorte  
Allen Noble  
Elkhart Porter  
Kosciusko St. Joseph  
Lake Wells

### Michigan

Berrien  
Gogebic  
Iron

### Minnesota

Aitkin Pine  
Carlton St. Louis  
Cook  
Itasca  
Lake

### New York

Allegany	Cortland	Lewis	Ontario	Tompkins
Cattaraugus	Essex	Livingston	Schuyler	Yates
Cayuga	Franklin	Madison	St. Lawrence	
Chautauqua	Hamilton	Oneida	Steuben	
Chemung	Herkimer	Onondaga	Tioga	

### Ohio

Allen	Geauga	Portage	Trumbull
Ashland	Hardin	Richland	Wyandot
Ashtabula	Marion	Shelby	
Auglaize	Medina	Stark	
Crawford	Mercer	Summit	

### Pennsylvania

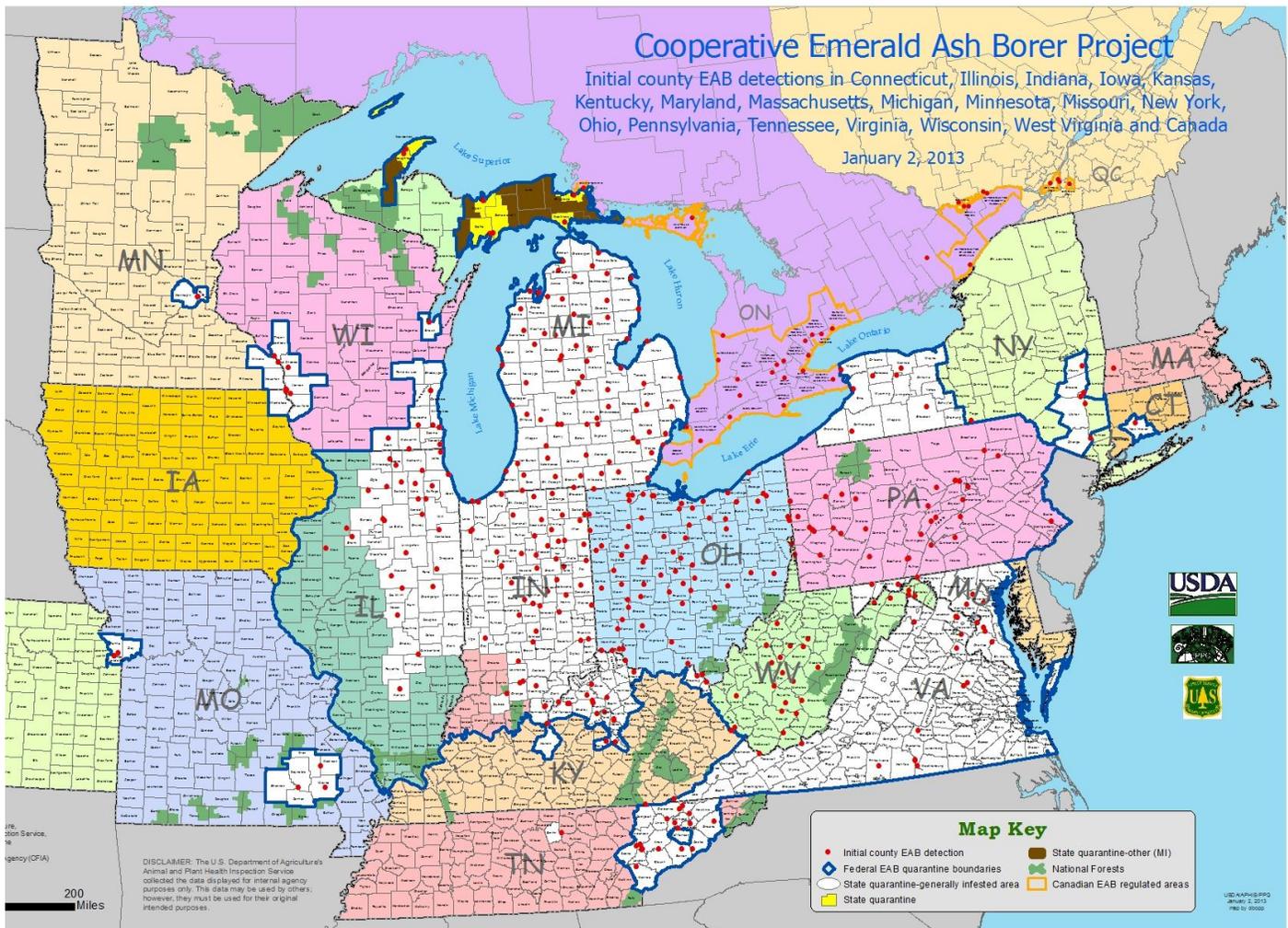
Crawford  
Erie  
Potter

### Wisconsin

Adams	Douglas	Kenosha	Oneida	Washington
Ashland	Fond du Lac	Langlade	Portage	Waukesha
Bayfield	Forest	Marathon	Racine	Waushara
Columbia	Green Lake	Marquette	Shawano	
Dodge	Iron	Milwaukee	Vilas	

Appendix C - EAB Quarantine and Non-Quarantine Counties FY 2013  
 FY 2013 Northeastern Area State and Private Forestry  
 Great Lakes Restoration Initiative (GLRI)

[http://www.aphis.usda.gov/plant\\_health/plant\\_pest\\_info/emerald\\_ash\\_b/download/multistateeab.pdf](http://www.aphis.usda.gov/plant_health/plant_pest_info/emerald_ash_b/download/multistateeab.pdf)



Appendix D - List of EAB Quarantine Counties in Great Lakes Basin  
 FY 2013 Northeastern Area State and Private Forestry  
 Great Lakes Restoration Initiative (GLRI)

**Illinois**

Cook  
lake

**Indiana**

Adams	Kosciusko	St. Joseph
Allen	LaGrange	Steuben
DeKalb	Noble	Wells
Elkhart	Porter	

**Michigan**

Alcona	Claire	Isabella	Mecosta	Roscommon
Alger	Clinton	Jackson	Midland	Saginaw
Allegan	Crawford	Kalamazoo	Missaukee	Sanilac
Alpena	Delta	Kalkaska	Monroe	Schoolcraft
Antrim	Eaton	Kent	Montcalm	Shiawassee
Arenac	Emmet	Keweenaw	Montmorency	St. Clair
Barry	Genesee	Lake	Muskegon	St. Joseph
Bay	Gladwin	Lapeer	Newaygo	Tuscola
Benzie	Grand Traverse	Leelanau	Oakland	Van Buren
Berrien	Gratiot	Lenawee	Oceana	Washtenaw
Branch	Hillsdale	Livingston	Ogemaw	Wayne
Calhoun	Houghton	Luce	Osceola	Wexford
Cass	Huron	Mackinac	Oscoda	
Charlevoix	Ingham	Macomb	Otsego	
Cheboygan	Ionia	Manistee	Ottawa	
Chippewa	Iosco	Mason	Presque Isle	

**New York**

Allegany	Erie	Niagara	Steuben
Cattaraugus	Genesee	Ontario	Wayne
Chautauqua	Livingston	Orleans	Wyoming
Chemung	Monroe	Schuyler	Yates

**Ohio**

Allen	Erie	Lake	Paulding	Stark
Ashland	Fulton	Lorain	Portage	Summit
Ashtabula	Geauga	Lucas	Putnam	Trumbull
Auglaize	Hancock	Marion	Richland	Van Wert
Crawford	Hardin	Medina	Sandusky	Williams
Cuyahoga	Henry	Mercer	Seneca	Wood
Defiance	Huron	Ottawa	Shelby	Wyandot

**Pennsylvania**

Crawford	Erie	Potter
----------	------	--------

**Wisconsin**

Brown	Kenosha	Ozaukee	Sheboygan	Waukesha
Fond du Lac	Milwaukee	Racine	Washington	