



**Department of
Environmental
Conservation**

Hydrilla Rapid Response

A new detection in Orchard Park, NY

November 19th, 2019

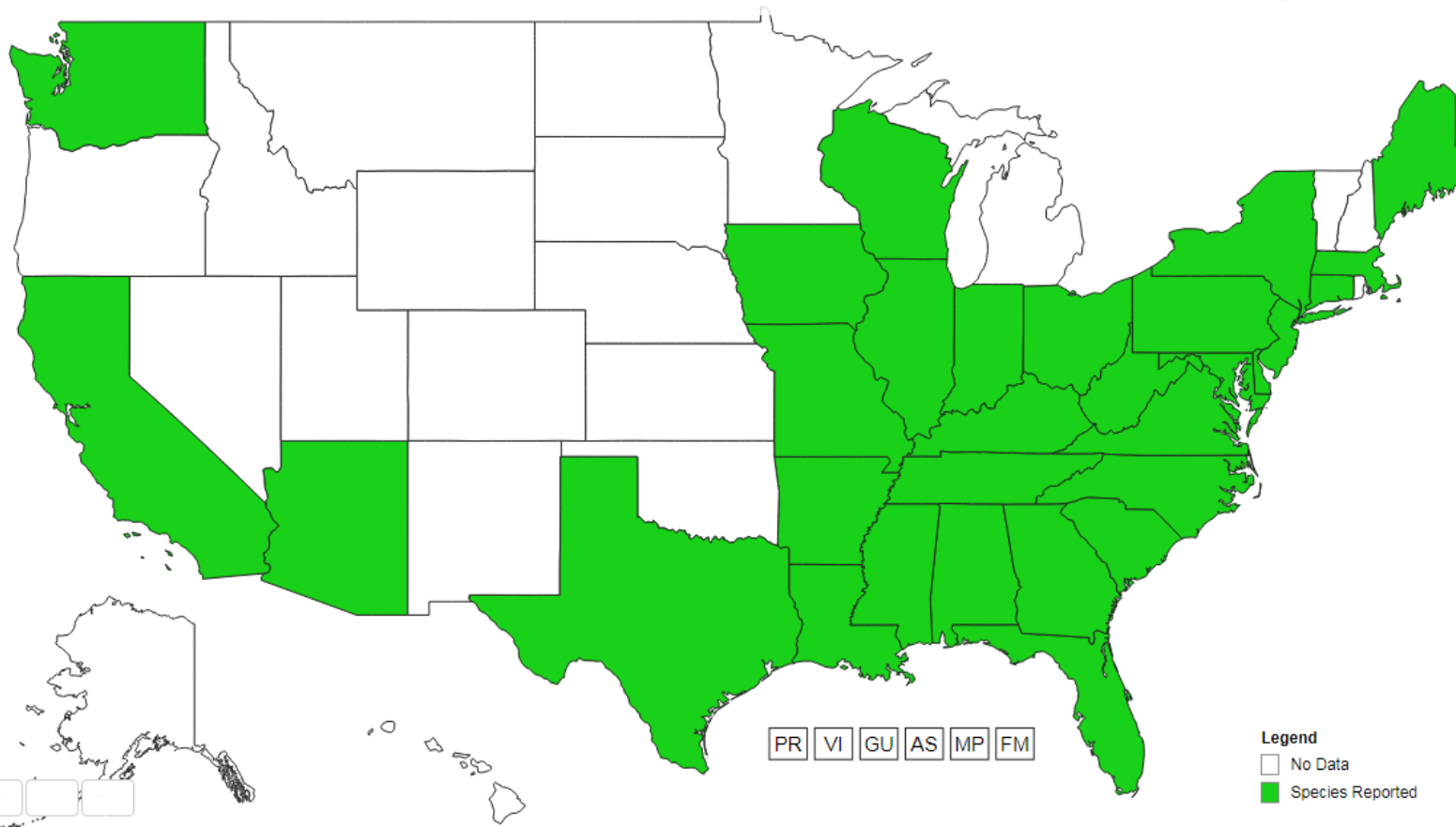
Jennifer Dunn, Great Lakes Program Biologist

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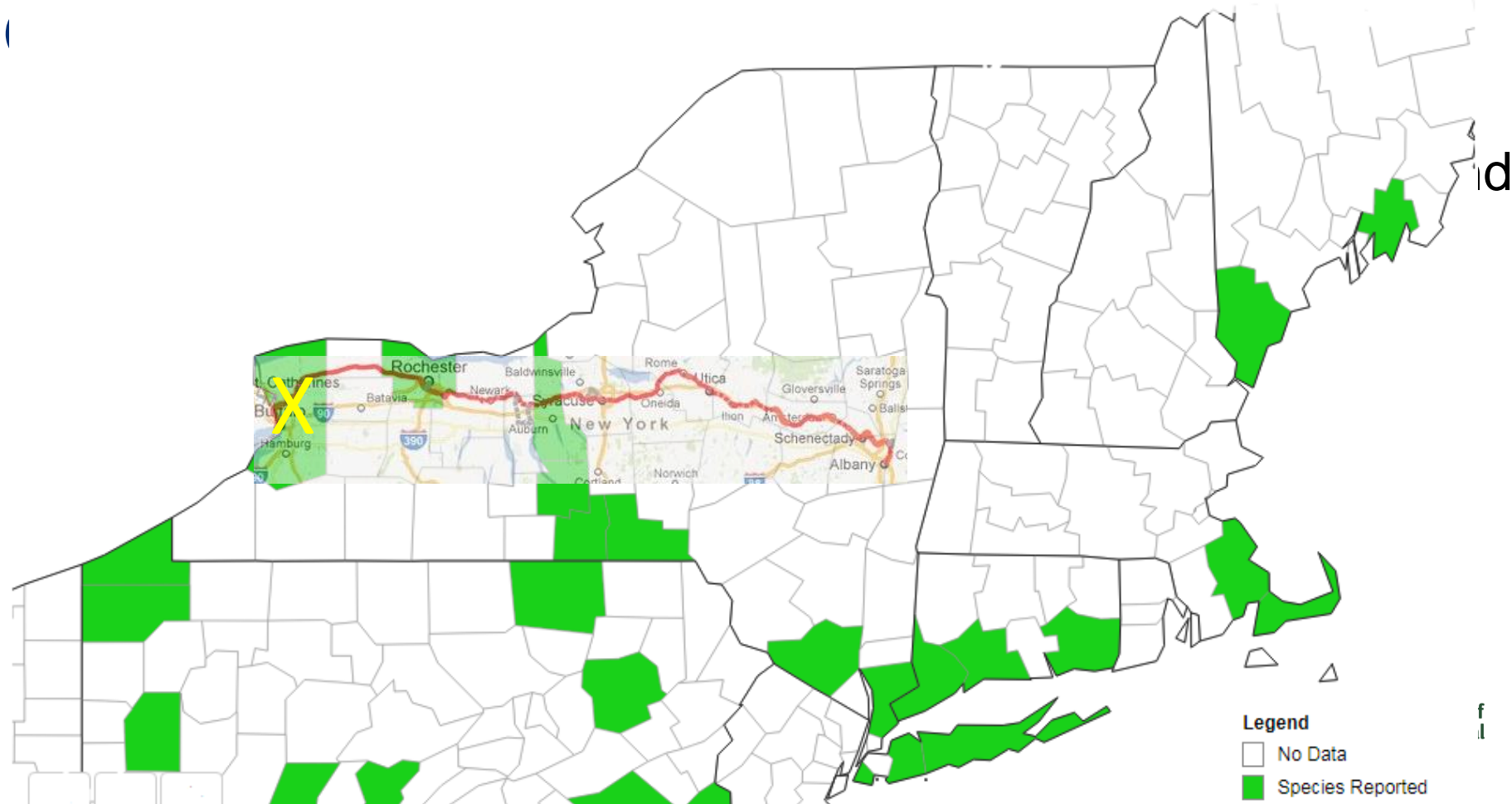


Legend
□ No Data
■ Species Reported



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hydrilla (*Hydrilla verticillata*)



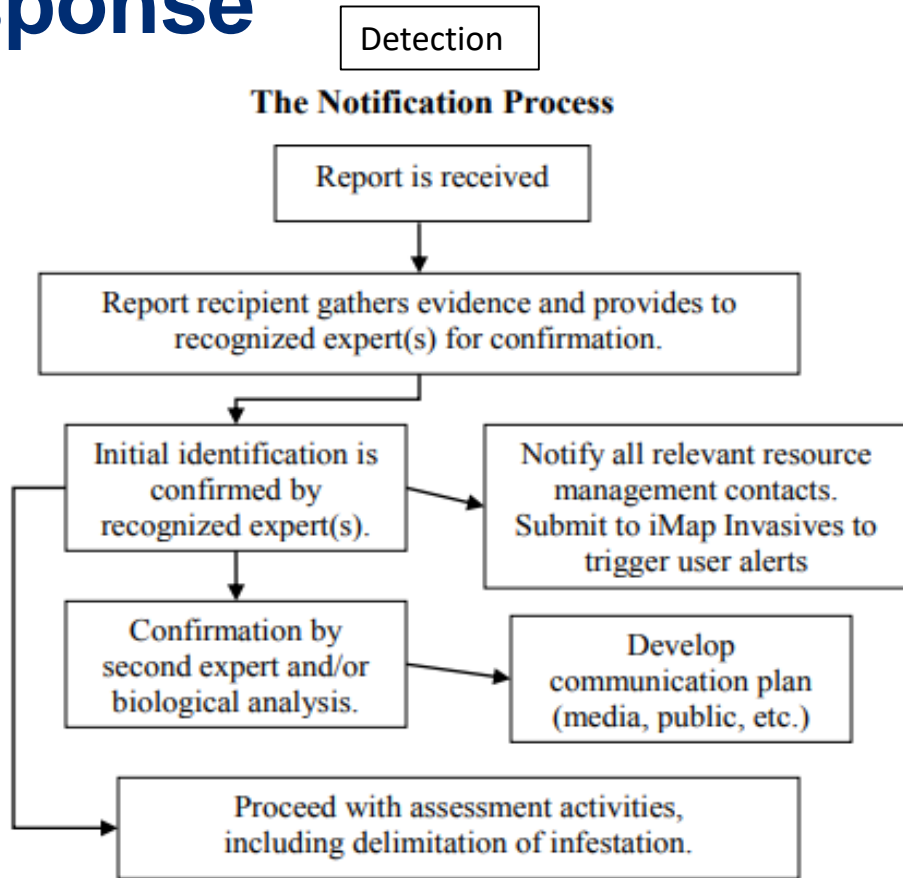
Rapid response

Considered an early detection, priority species in New York
Guided by the Framework for Response in New York

- Issued by Division of Lands and Forests Invasive Species Coordination Section

DLF-16-1 / Rapid Response for Invasive Species: Framework for Response	
New York State Department of Environmental Conservation	
DEC Program Policy	
Issuing Authority: Division of Lands and Forest, Invasive Species Coordination Section	Title: Rapid Response for Invasive Species: Framework for Response
Date Issued: December 2016	Latest Date Revised:

Rapid response



Detection

Orchard Park, NY - New detection

- Herbicide applicator visits Hickory Lake where a treatment quote was requested for another issue
- Notices hydrilla
- Contacts DEC pesticides

Outreach is important

- Northeast Aquatic Plant Management Society



Report Received

DEC Pesticides responds:

- Internal notification
 - DEC Invasive species section, Regional Engineer, and others
- External
 - USACE



Report Received

DEC Regional Engineer passed it to the DEC Great Lakes Program:

- Assists with aquatic invasive species
- Also has:



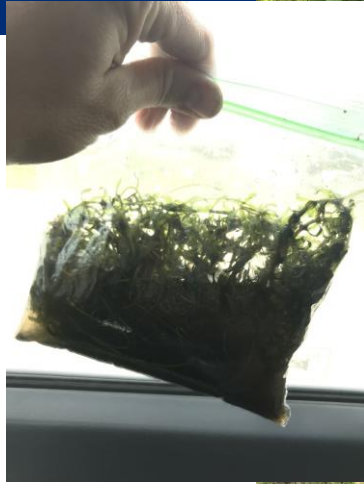
Confirmation

Pictures from the notifier

First visual confirmation

- Take samples

Secondary confirmation



Notification

Priority

Table 2. PRIORITY 2 CONTACTS
(Notify within 24 hours of **second** confirmation or as soon as practical)

State Agencies

Adirondack Park Agency (APA)
 NYS Department of State (DOS)
 NYS Office of General Services
 Lake George park Commission

Federal Agencies

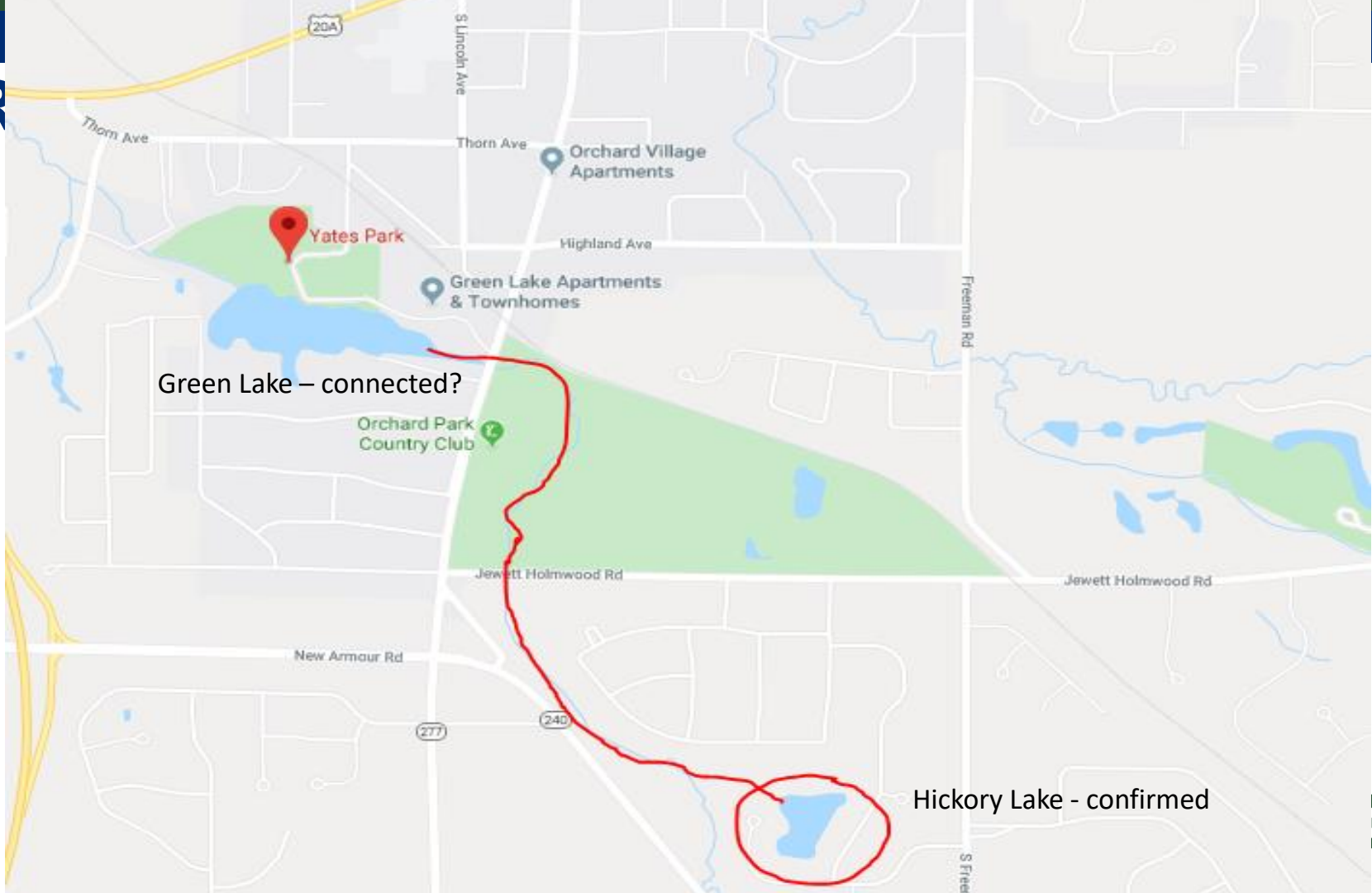
US Department of Agriculture (USDA)
 APHIS
 Forest Service - Northeastern Area Office
 Natural Resource Conservation Service

National Oceanic and Atmospheric Administration (NOAA)
 National Estuarine Research Reserve System (NOAA - NERRS)
 National Marine Fisheries Service (NOAA - Fisheries Service)
 National Marine Sanctuaries (NOAA – NMS)
 National Sea Grant (NOAA – Sea Grant)

National Park Service (NPS)
 US Army Corps of Engineers (COE)
 US Coast Guard (USCG)
 US Environmental Protection Agency (USEPA)
 National Estuary Program (USEPA – NEP)
 US Fish and Wildlife Service (USFWS)
 US Geological Survey (USGS)

Local Government

-
-
-



Green Lake – connected?

Hickory Lake - confirmed





• Not



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Treatment

Both lakes treated within 3 months of discovery – Aquathol K

Hickory Lake

- Treated 9/27/19

Green Lake

- Treated 10/4/19

Treatment

Hickory Lake

- 5.3 acres
- No swimming
- Retention pond



NEW YORK
STATE OF
OPPORTUNITY

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Treatment

Green Lake

- 18.2 acres
- Recreational use – no motorized boats
- Overflow dam





Monitoring and Follow up



Thank You

Jennifer Dunn

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