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District Manager



Lewis County
Soil And Water
Conservation District



FOLLOWPA

FINGER LAKES - LAKE ONTARIO WATERSHED PROTECTION ALLIANCE

INVASIVE SPECIES —
JAPANESE KNOTWEED

NYS INVASIVE SPECIES AWARENESS WEEK JUNE 6-12



Clean, Drain, Dry

UNINVITED

the spread of invasive species

55-minute film by Westfield Production Company
<https://www.youtube.com/watch?v=NKh8Lc31rm8>

Prevention/Early Detection

Eradication

Suppression

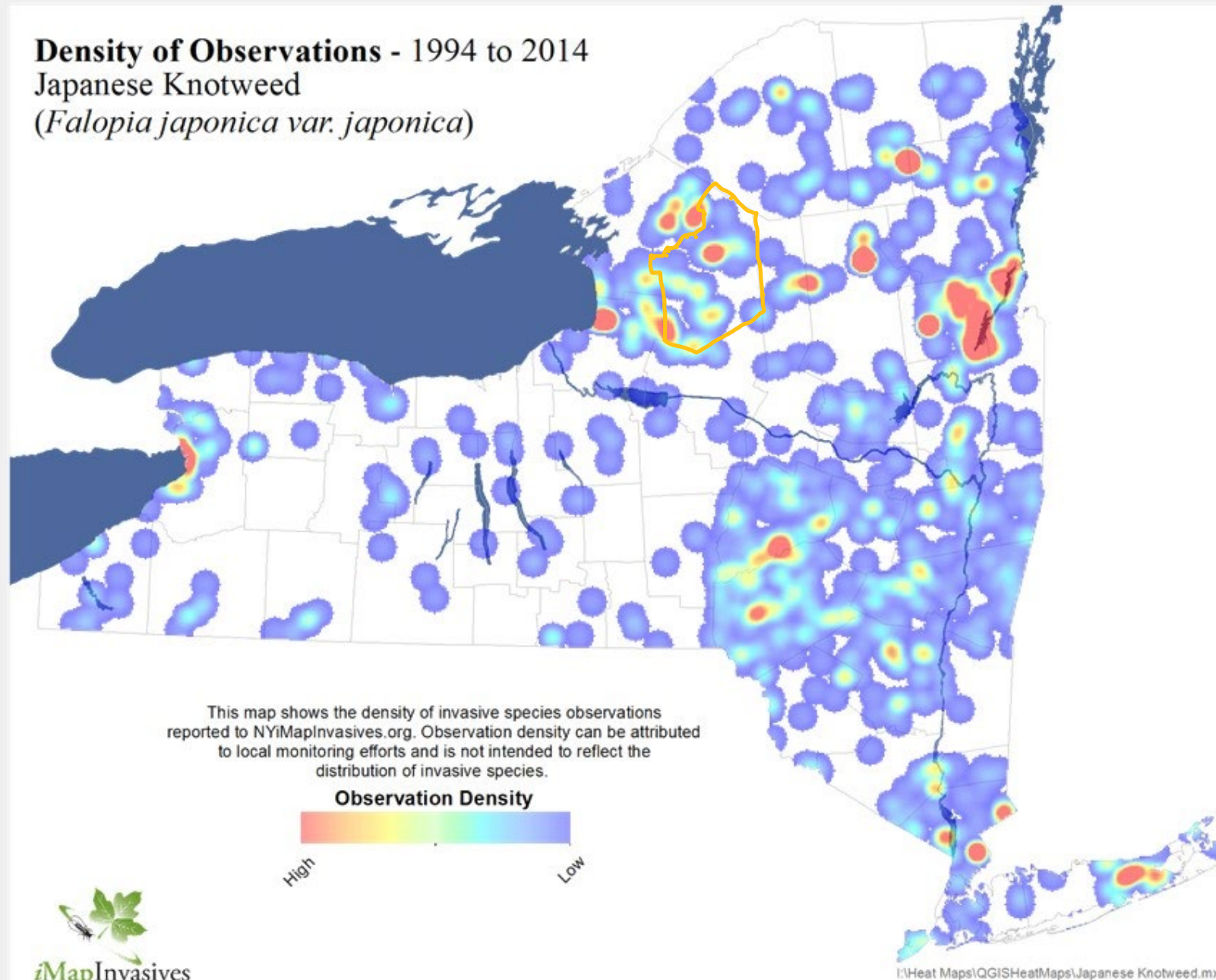
Local Control

Monitor

MANAGEMENT APPROACH

LEVEL OF KNOTWEED INFESTATION IN NEW YORK STATE

Density of Observations - 1994 to 2014
Japanese Knotweed
(*Falopia japonica* var. *japonica*)





SUPPRESSION/LOCAL CONTROL

Demonstration Control
Site Chosen:

Priority Conservation
Area

- Black River Watershed
- Spreading into the Upper Watershed leading to the Adirondacks

Impacting Infrastructure

- Pine Grove Road



PINE GROVE ROAD — COUNTY ROAD

The level of infestation dictated that
the method of control needed to be
an herbicide application



COOPERATIVE AGREEMENT

Between
County Highway
Soil and Water Conservation
District
Private Landowner to ensure the
site is not mowed.



**COUNTY HIGHWAY PLACED
SIGNAGE**

**DO NOT
MOW
Signs**



METHODS OF CONTROL

Mechanical or Manual Control (hand cutting or digging)

- Requires continuous monitoring and repeat removal if rhizomes or plant fragments aren't eliminated
- Covering area with black plastic for a minimum 2 year period after cutting plant down

Herbicide

- Foliar Spray
- Stem Injection

Herbicide Application requires a licensed Pesticide Technician.

Alexis and Mike obtained their Pesticide licenses after several hours of study and passing the state exam.

The Herbicide chosen was Accord XRT2, a glyphosate product, that can be purchased over the counter.



NEW PESTICIDE TECHNICIANS



STEM INJECTION & FOLIAR SPRAY



-
- 150 feet by 10 feet of Streambank treated
 - 2 gallons of injected herbicide
 - Foliar spray for stems that were too small to inject



RESULTS WITHIN 2 WEEKS



9 MONTHS LATER

FOLLOW UP TREATMENT - PINE GROVE ROAD

Continue	Dispose	Black Plastic	Monitor	Plant
Continue Foliar Spray and Stem Injection	Debris will be disposed of properly	Plastic foliar spray areas	Monitor for 5 years	Plant areas no longer needed spray

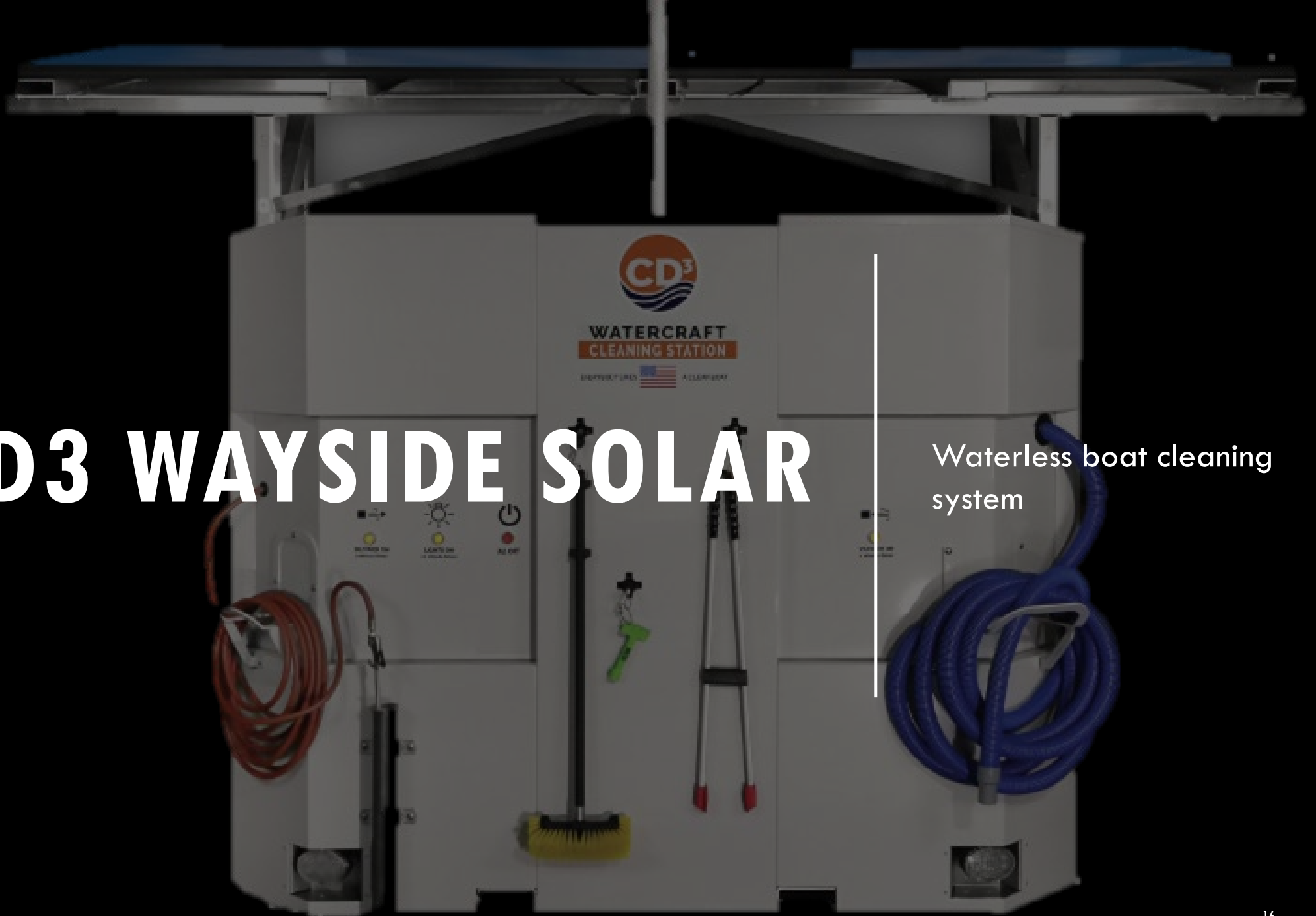


FUTURE INVASIVE SPECIES GOALS

- Inventory Invasive Species
- Identify Priority Species and their Management Approach
- Educate the public on Invasive Species
- Monitor Giant Hogweed Status in Southern Lewis County and Continue to Collaborate with Highways, NYSDEC and SLELO on site and plant identification

CD3 WAYSIDE SOLAR

Waterless boat cleaning system





Questions