

DRAFT Hydrilla Rapid Response Protocol

STEP 1

Lake Association, citizen, etc.

Detect hydrilla early & report to CAES OAIS

oais@ct.gov



STEP 2

CAES OAIS

Confirm ID via photo, field verification, & genetic analysis



STEP 3

CAES OAIS

- 1. Map hydrilla throughout the waterbody**
- 2. Map relevant NDDB plant species in the vicinity of hydrilla in coordination with the CT DEEP NDDB office**



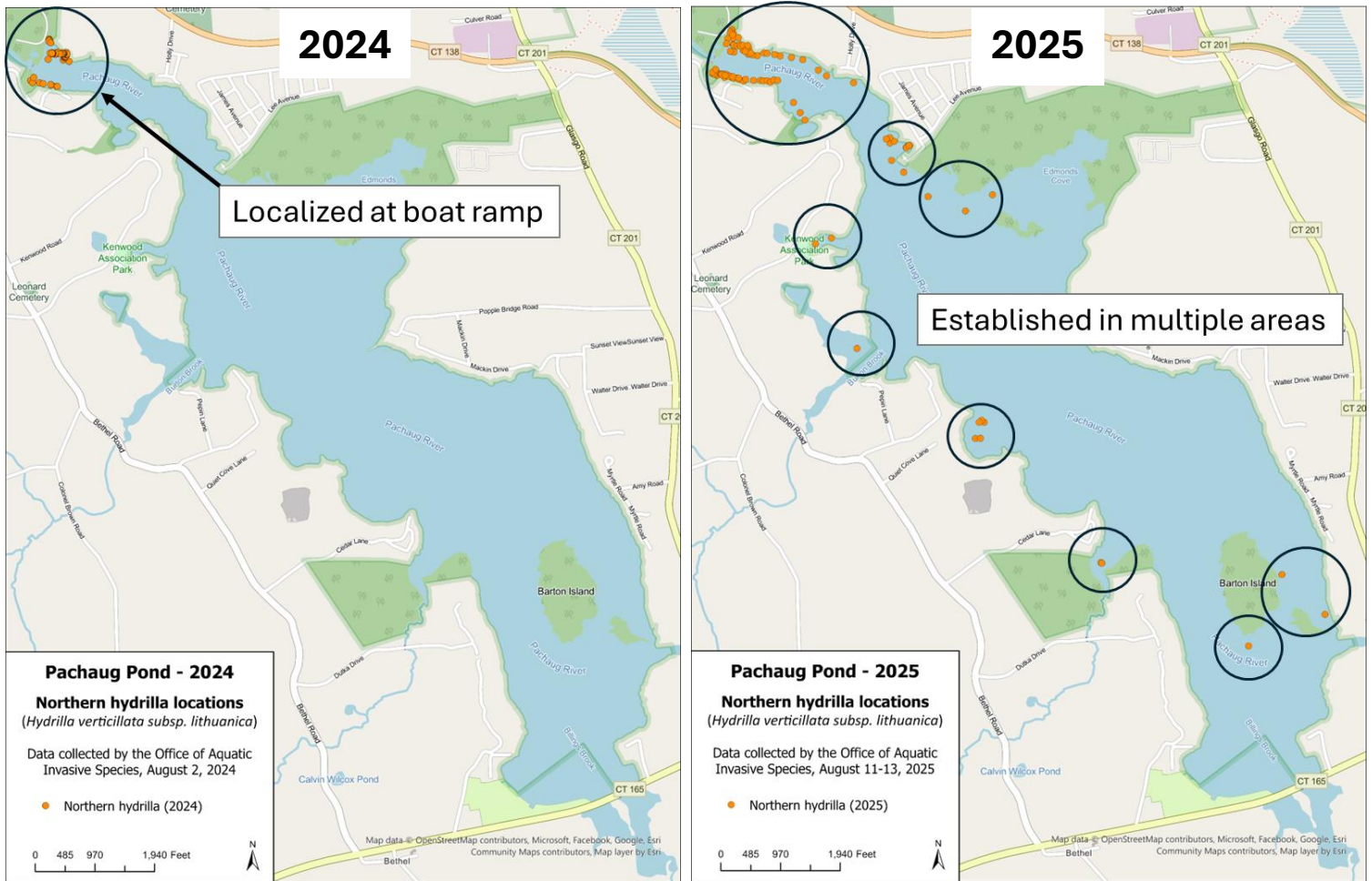
STEP 4

CAES OAIS

Determine if the hydrilla population is localized or established and contact the lake association, town, and CT DEEP

Localized Population	Established Population
Small (<5 acres)	Large (>5 acres)
A few discrete patches	Many patches
In one area of the waterbody	In multiple areas of the waterbody

Example of a Localized vs Established Hydrilla Population



STEP 5

CAES OAIS & CT DEEP

If population is localized
CAES OAIS completes and submits aquatic herbicide permit application to CT DEEP for rapid response of hydrilla

STEP 5

Lake Association/Town

If population is localized AND lake association/town is actively managing lake for invasive aquatic plants
Amend current herbicide permit with CT DEEP ASAP to conduct hydrilla rapid response along with ongoing management

STEP 5

Lake Association/Town

If population is established
Prepare aquatic herbicide permit application for following year or amend current permit if possible
portal.ct.gov/deep/pesticides/aquatic-pesticide-applications



STEP 6

CT DEEP

CT DEEP has agreed to expedite aquatic herbicide permits for hydrilla rapid response within a matter of weeks



STEP 7

CAES O AIS

Once permit is approved, CAES O AIS will coordinate or conduct rapid response spot treatment of hydrilla, if the lake association/town is not already actively managing aquatic invasive species



STEP 8

CAES O AIS

- 1. CAES O AIS will conduct a post treatment survey of hydrilla and relevant state listed (NDDDB) plant species**
- 2. CAES O AIS will provide all maps and data to CT DEEP and the lake association/town. CAES O AIS will also make all maps and data publicly available on their website: portal.ct.gov/caes-oais**