Make Your Efforts Count

Report your water chestnut pre-survey & hand-pull removal efforts.

SURVEY
PULL
REPORT

INVASIVE SPECIES MANAGEMENT
SAINT LAWRENCE EASTERN LAKE ONTARIO

*iMap*Invasives

nyimapinvasives.org

Water Chestnut (*Trapa natans*) is an invasive species that threatens NY waterways. Each year, thousands of pounds of water chestnut are pulled by professionals and volunteers across the state. Help us track these efforts in a centralized invasive species database using a standardized protocol.

This handout goes through setting up an iMapInvasives account to record the following in the online interface:

1 Pre-treatment survey — *Record the distribution!*

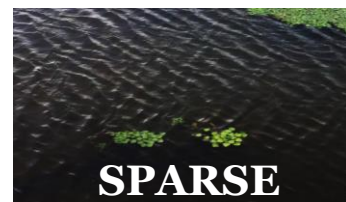**2 Treatment survey** — *Draw a polygon where you pulled water chestnut*

3 Post-treatment survey — *Was the treatment effective?*

Note: You can also record water chestnut pulls in the field using the iMap Survey123. Visit www.nyimapinvasives.org/report-an-invasive for more information.

TRACE

SPARSE

DENSE

MONOCULTURE

Contact us: imapinvasives@dec.ny.gov

Create an iMap Account & join an iMap Organization

First, go to nyimapinvasives.org and click **LOGIN** (top right).

Log in to iMapInvasives

Email | Password | Log In | Forgot Passw

Have an account?
Type your username (email) & password and click Log in

Sign Up

Help us track Invasives - it's free.

(Users must be at least 13 years old)

First Name:

Last Name:

Email:

Retype Email:

Password:

(Must be at least 8 char... number and an upperc...)

Retype Password:

Jurisdiction: Select...

Join

Don't have an account? Sign up!
- Under *Jurisdiction*, select the primary state/province in which you will collect data.

Click Join and check your email (including spam!) for a link to the User Agreement. After reading, click **Accept** to activate your account

Now, you are all set to log in!

To record a pull, you will need to join an organization. *This can either be your employer's organization or the "No Affiliation Organization (NY)" if you are not officially affiliated.*

NY iMapInvasives   ② ✎ Edit ⑥ 💾 Save

① Logged in as:
mwoneill7@gmail.com

Usern...   ...nvasives@dec.ny.gov   ✓ Active
Home Jurisdiction Species List York   ✗ Confidential Viewer
Prima Network Species List sted
Join D Projects   b 07 2020
Traini Organizations   sted
Last L Persons   ul 15 2020
        Your Account
Perso   Your Email Alerts   See Less ⌃
First N Help   nvasives   Email: imapinvasives@dec.ny.gov
Last N Log Out   sted   State: Not Listed
Job Tit ...sted   ZIP/Postal Code: Not Listed
Profes ...sted
Pesticide Applicator   Not Listed
License #:

0 Projects ⓘ
                                                     Request to join Project +
                        No Projects Listed

0 Organizations ⓘ   ③ ⑤
New York   ✕ ▾   Request to join Organization
No Org   ▴
④
No Organization Affiliation (NY)

1. Select **Your Account** from the **Main Menu** (top left)

2. Click **Edit** on the top right of Your Account.

3. Scroll down to the **Organizations** and click "Request to Join..."

4. Type your organization into the search bar and select it.

5. Click "Request to join Organization"

6. Press **Save** on the top right of your account page.

Now, you will be listed as pending until your request is accepted by the organization lead.

Tips for using the iMapInvasives interface

+ Create Record | Q Find Record | ▽ Filter Records | ☑ Identify/Measure | 💾 Export / Report | ⬦ Close Layers

Guffin Creek

▽ Change Basemaps

Zoom in and out

Filter data on "**Water chestnut**" to see existing records

Topographic

Lewistown

Juniata Terrace

Zoom to your location

Guffin Creek, NY, USA   ✕ Q ≪

Guffin Creek

Satellite

Enter an address or location to zoom to

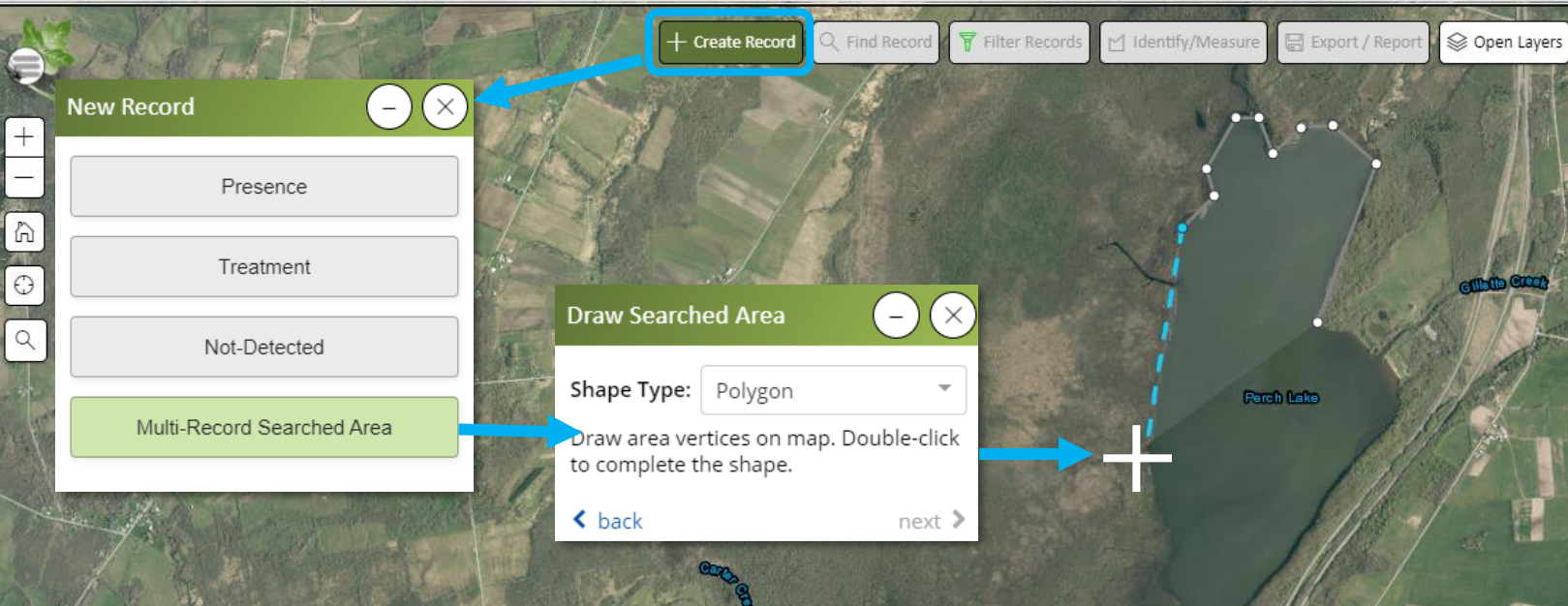Change basemap to **Satellite** to view the waterbody

LONDON

Add Layer From URL

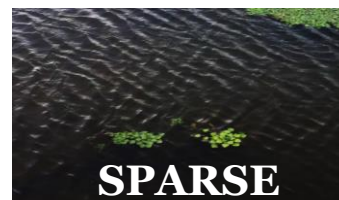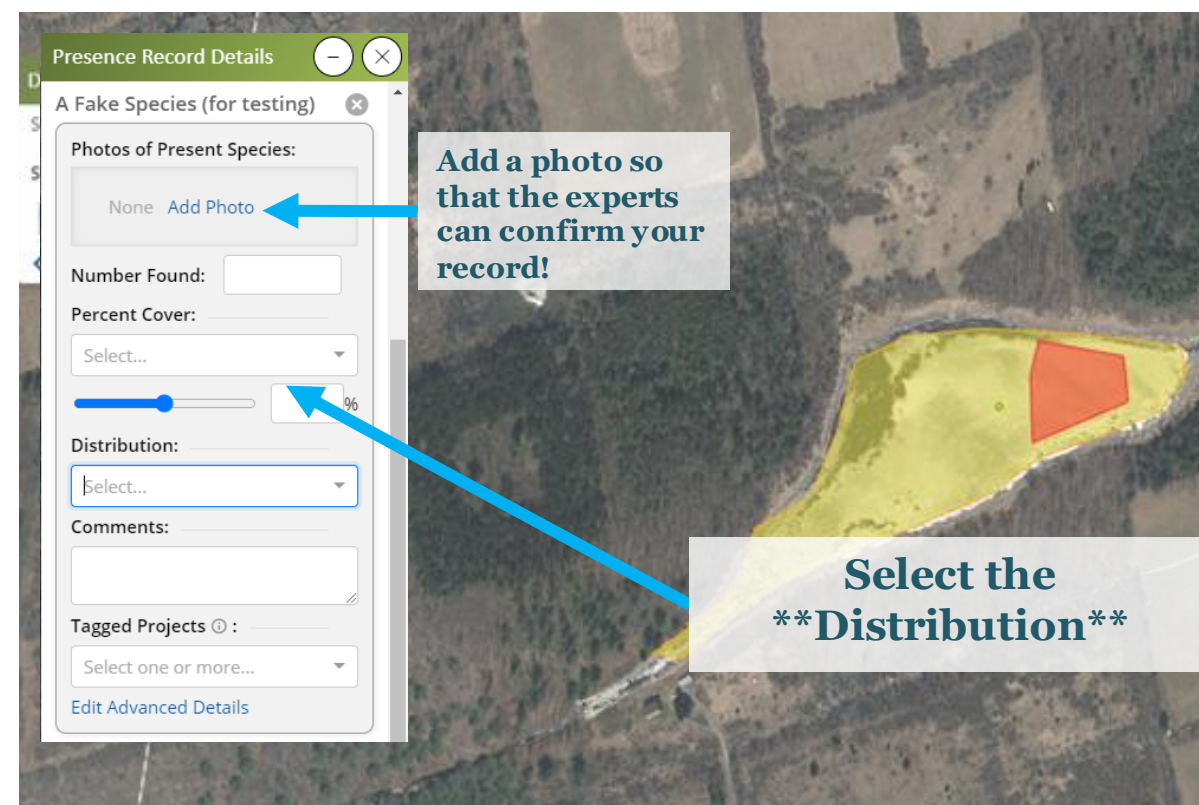# Step 1: Survey the infestation before you pull & report a **presence record**

❖ **Optional Pro-tip**: Drop water chestnut point records around the perimeter of the infestation using the *iMap mobile app* to help you draw the infestation in iMap later

*Find your area of interest on the map, and use the **Create Record** Tool to create a Multi-record Searched area*

+ Create Record 🔍 Find Record ▽ Filter Records ☑ Identify/Measure 💾 Export / Report ⬙ Open Layers

New Record ⊖ ✕
- Presence
- Treatment
- Not-Detected
- Multi-Record Searched Area

Draw Searched Area ⊖ ✕
Shape Type: Polygon ▾
Draw area vertices on map. Double-click to complete the shape.
‹ back   next ›

Select the present species, and record the pre-pull presence record

Presence Record Details ⊖ ✕
A Fake Species (for testing) ✕
Photos of Present Species:
None Add Photo

Number Found: [   ]
Percent Cover:
Select... ▾
[━━━━━●━━━━━] [   ]%
Distribution:
[Select... ▾]
Comments:
[   ]
Tagged Projects ⓘ :
[Select one or more... ▾]
Edit Advanced Details

Add a photo so that the experts can confirm your record!

Select the **Distribution**

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Create a Treatment Record & draw a polygon around the area pulled

Draw Treatment

Searched Area: 🟡 Presence: 🔴
Treatment: 🟣
Presences filtered on 1 target species.

Shape Type: Polygon ▼

0 Previous Records Treated (1 Current)

| Redraw | Edit |

‹ back   next ›

Continue with the *Multi-species Searched Area Record* to *Treatments*
OR
Start a new record by clicking *Create Record* (top of map) and selecting *Treatment*.

Draw a polygon around your pull!

Treatment Record Details

Begin On ⓘ *: 06/28/2021

End On: mm/dd/yyyy

Treatment Iteration: Follow-up ✕ ▼

Lead Contact*: ▼

Comments:
5 People, 6 hours

Rare Species Precautions:

‹ back   next ›

Estimate the volunteer/staff effort: **# hours, # people**.

*Optional: You can also fill out this information by editing the **Searched Area** record when you are done*

Treatment Type Details

Treatment Type*:
Physical ✕ ▼

Physical →

Physical Treatment Specific Details
Physical Treatment Methods*:
✕ Mechanical/Manual ▼

Mechanical /Manual →

Comments:
Biomass: 25 garbage bags

Mechanical Treatment Methods:
✕ Pull ▼

Pull →

Disposal Methods:
✕ Compost ▼

Select disposal method

If you estimated the biomass pulled, please enter in the following standardized manner in the Treatment Type Comments:
"Biomass", number, key word:

• garbage bags
• laundry baskets
• bulldozer
• pounds
• rosettes
• cubic yards
• pounds

Step 3
Record a Post-treatment Survey

*If water chestnut is still **present** at the site of the pull:*

Conduct a general survey of area infested (same as pre-treatment assessment above, Step 4), and record the areas where the species is present. If another treatment is needed, please enter another treatment once performed (see step 5).

*If WC is **not present** (appears to be eliminated):*

Use Create Record tool and select Not detected. Draw a polygon around the area you surveyed for WC but did not find it – this should include some or all your treatment record within it. Key fields:

• Time searched

• Reason for Not Detecting – *Due to Treatment*

• Presumed Eliminated: If the treated species has not been detected for 7 or more years, contact us if you would like us to select "Yes"

Note: Once you have submitted your post-treatment survey, additional post-treatment follow-up fields that measure treatment effectiveness will be available.
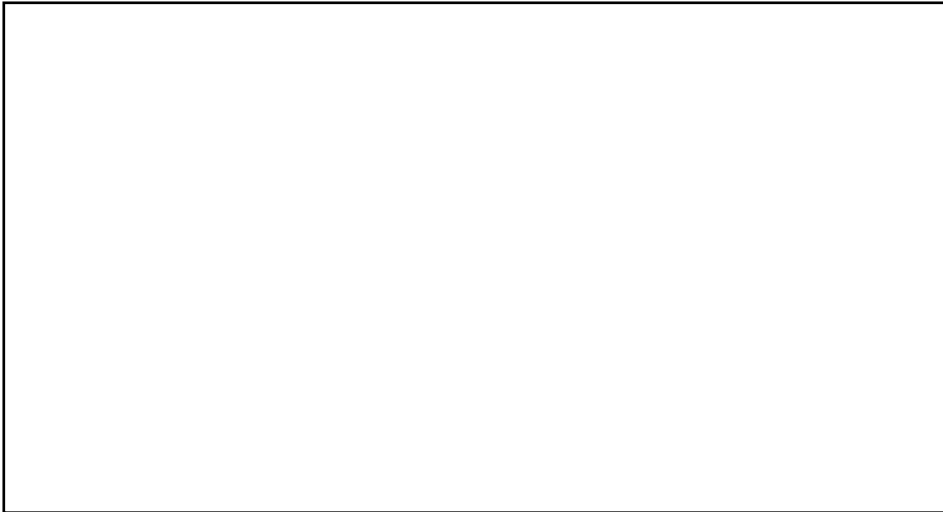
Contact us:

Recording Water Chestnut Pulls in iMapInvasives

Fill out the following details in the field so that you have all the info you need to record the pull online tomorrow!

Date: _____   Site name: _____

Rough sketch of an aerial view of the waterbody
- Polygon of where the water chestnut is found
- Polygon of where water chestnut was pulled

Select the distribution:
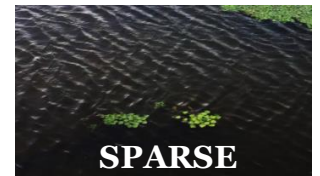
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TREATMENT RECORD DETAILS

Number of people conducting the pull: _____

Number of hours spent pulling WC: _____

TREATMENT TYPE DETAILS

Estimate of biomass pulled: _____

Biomass key words: garbage bags, laundry baskets, pounds, rosettes, cubic yards

Disposal method (circle):   Trash   Bury   Incinerate   Compost   Left piled onsite

ADDITIONAL NOTES/COMMENTS:

Website: nyimapinvasives.org; email: imapinvasives@dec.ny.gov

iMapInvasives
Sharing information for strategic management