



Capital Region PRISM AIS Water Chestnut Treatment/Response Report

Cheviot Park, Germantown NY

Water chestnut ([Trapa natans](#)) colonizes areas of freshwater lakes and ponds and slow-moving streams and rivers, where it forms dense mats of floating vegetation, causing problems for boaters and swimmers and negatively impacting aquatic ecosystem functioning. The aquatic plant has been introduced to the northeast for over a century and is widespread. The purpose of the [hyperlinked prioritization scale](#) is to determine if an effort is warranted to manually control a plant through hand harvesting, or if a recommendation for mechanical harvesting should be pursued. Water chestnut has a [NYS Non-Native Threat Ranking - 82 Very High](#).

Site Information	
Waterbody Name: Hudson River, Cheviot Park Boat Launch	Date of Treatment: June 24 th , 2023
Coordinates: 42.125874, -73.904855	Property Owner Contact: Public Pull Contact: Martin Overington and Christina Bohnsack
County: Columbia Address: Cheviot Park Germantown, NY 12526	Biomass Disposal Contact: Bon Homie Farm, Mike Coltrane Biomass Transfer Contact: Rideout Landscaping, Kevin Rideout
Treatment Lead: Martin Overington & Hannah Coppola	iMapInvasives User ID: Hannah Coppola: 21052
Participants: Roughly 35. Members from the NYS DEC, CR-PRISM/WISP, Public/Property Owners, Didi Barrett & Representatives, Local Fire Department (3 past chiefs & current safety officers), Boy Scout Troop 122, Officer of the Roe Jan Creek Boat Club. Town Committees Represented: Waterfront Advisory Committee, Local Waterfront Revitalization Committee, Climate Smart Communities Task Force.	
Has This Site Received Previous Management? <i>If so by who, what method, when?</i> Property owners have managed this locations WC, by cutting back the growth early in the season with personal-made watercraft-cutters. Photo attached. This has allowed for the creation of a channel through the monoculture. The first organized WC pull event occurred in 2018. This is the PRISMs first year at this location assisting with treatment.	

iMapInvasives Polygon of Infested Area:



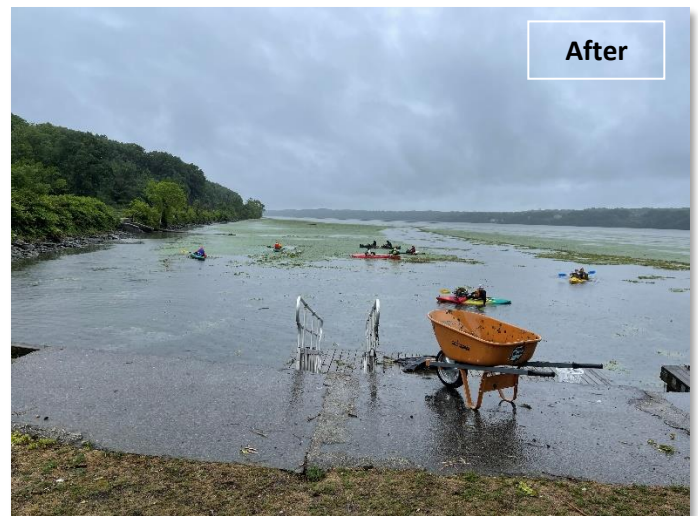
Purple polygon indicates the greater survey area (0.63acres), while the red polygon depicts the treatment area(0.26acres).
Treatment mapped using iMap Mobile Advanced (IMMA).

Green polygon created in 2018 shows the infested area. A large monoculture is present, equating to **185 acres**.
Circled area shows where treatment occurred.

Treatment Information

Size of Infestation: 185 Acres +	Time Spent: 3 Hours from 9am-12pm
Size of Area Treated: 0.26 acres. Treatment area focused on creating access to boat launch ramp.	Percent Completed: 85% of target area
Treatment Method: Manual Hand-Pulling. Separately, WC cutting along the created channel occurred and was not mapped.	Amount Removed: One large trailer load, and one ¾ trailer load. Conservatively estimated at 3,500lbs
WC Action Site? No	Treatment Record #: Object ID #3171 IMMA
Justification Based from Prioritization Document: Public recreation benefit, access to Hudson River.	
<p>Follow up Recommended? <i>If so when?</i></p> <p>Follow up treatment is recommended to keep the existing channel and launch ramp clear of water chestnut. Channel has been created by local property owners. A follow up removal may consider including the Icehouse Landing location if weather and volunteer base permits.</p> <p>It is reported that this location served as a water rescue boat launch site for the local fire department prior to infestation. The fire department is responsible for five miles of the area's shoreline, as well as providing mutual aide to many neighboring riverfront towns, including on the west side of Hudson.</p>	

Treatment Before and After Photo Documentation:



**Department of
Environmental
Conservation**

The New York State Department of Environmental Conservation provides financial support to The Capital Region PRISM via the Environmental Protection Fund

Additional Photos:



Photo by Christina Bohnsack, 2023



Photo by Christina Bohnsack, 2023

WATER CHESTNUT
PULL

CHEVIOT PARK
6/24
9-NOON

TRAP NUTS IS AN
INVASIVE SPECIES WHICH
FORMS THICK MATS
HINDERING USE OF OUR
SHORELINE FOR MUCH OF
THE SUMMER.
TOGETHER WE CAN CLEAR
ACCESS PATHS AND LEARN
ABOUT PREVENTING FURTHER
INFESTATIONS

WORK GLOVES &
STURDY WATER SAFE SHOES REQUIRED
SMALL BOATS ENCOURAGED

FOR MORE INFO EMAIL
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Photo by Martin Overington, 2023. Water chestnut monoculture leading to Icehouse Landing location