

# Aquatic Invasive Species Management Report

Moody Pond

June 29 – July 2, 2021

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Prepared By:

INVASIVE SOLUTIONS



DIVE COMPANY, LLC

## Overview

The week leading up to the harvest, we performed a basic survey to help identify areas with active Eurasian Watermilfoil (EWM) growth. Upon observation, there were areas found with beds of EWM, although the observed areas did not fully follow our suspected heavy growth areas based upon an Adirondack Park Invasive Plant Program survey performed in 2019. The Crew worked throughout the entirety of the pond, harvesting areas of sporadic up to high density EWM. Although the areas were worked thoroughly, with the abundance of EWM only a few inches in height mixed within taller, sometimes heavy native vegetation, it is advised to allow a period of plant growth before returning, to allow for a more efficient follow-up harvest.

**Harvest data for the week:** 23 bags @ 575 lbs.

## Operations

### Tuesday- 6/29/21

**Description:** Crew began their harvest, starting from the public launch area on the northern end of the pond, and worked south, following previously identified areas with Eurasian Watermilfoil (EWM.) Crew was finding sporadic EWM throughout the northern tip of the pond with localized clusters of heavier growth. The plants being harvested ranged from smaller, single stemmed plants 0.25-2' in height, to larger, well establish multi-stem plants, growing up to four foot or close to surface in some areas. Overall, the EWM being located roughly followed the three most northwestern EWM areas previously identified in the 2019 survey, but the EWM was throughout the area, not just within the sites. 2 bags harvested.

Crew continued to work south along the western shoreline, noting once they worked past a private beach area, the EWM growth pushed further from shore, eventually becoming scarce or not present. As they neared the largest of the 2019 EWM sites, situated near the center of the pond just south of the northern tip area, Crew began finding very abundant single stem plants spread throughout the area ranging from 0.25-3' in height, with some multi-stem EWM up to three four in height. Crew noted they could delineate where the bed was previously identified because they were harvesting smaller, single stems plants which were growing from previously well-established root systems. Crew spent the remainder of the day working harvest patterns throughout the area. 2 bags harvested.

**Harvest Data:** 4 bags @ 100 lbs.

### Wednesday- 6/30/21

**Description:** Crew continued to work through the large EWM bed they began harvesting the previous day, slowly working the area south. Crew continued to find abundant EWM throughout the area ranging from 0.25-4' in height, with some multi-stem EWM up to seven foot in height. As the day progressed, Crew worked back over the area focusing on abundant single stem plants which were less than a foot and mixed deeply within the native vegetation.

Crew began exploratory dives along the southwestern side of the lake, harvesting very sporadic EWM, sometimes in localized clusters.

**Harvest Data:** 6 bags @ 150 lbs.

**Thursday- 7/1/21**

**Description:** Crew continued to work the harvest areas from the previous day, focusing on the southern end of the patch, an area at or just north of the most southern bed previously identified in the 2019 survey. Once the Crew harvested the taller, more dense sections of EWM, they began working the area back north, focusing on the smaller (0.25- 1') plants mixed within the native vegetation. 2 bags harvested.

Once the Crew worked through the two large southern patch areas, they worked north along the east shore, locating additional sections with medium to high density EWM patches. Crew worked throughout these dense sections, harvesting abundant multi-stem EWM ranging from 2-8', with abundant single stem plants, generally 0.25-4' in height. Crew noted the multi-stem plants had larger, well established root systems, while the shorter single stem plants had less developed roots. 9 bags harvested.

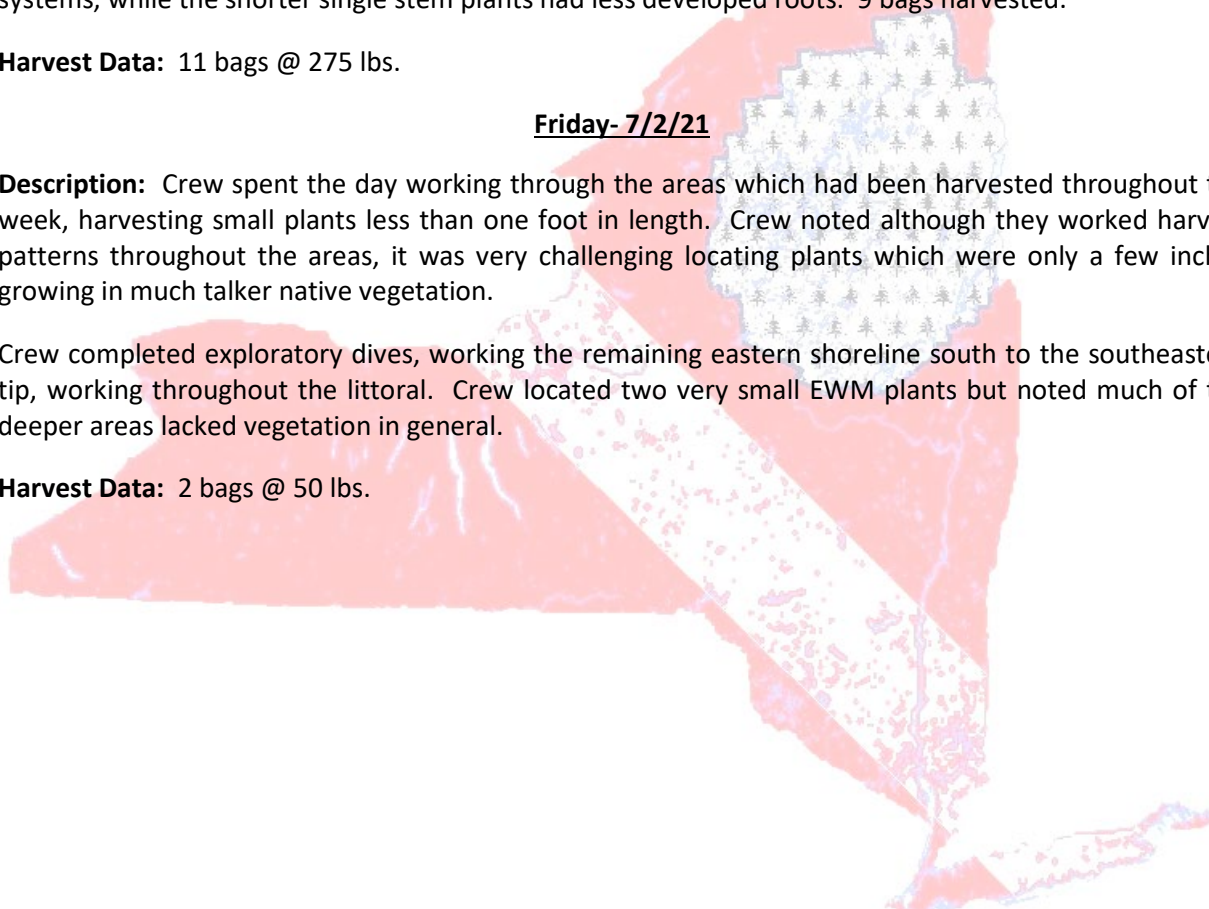
**Harvest Data:** 11 bags @ 275 lbs.

**Friday- 7/2/21**

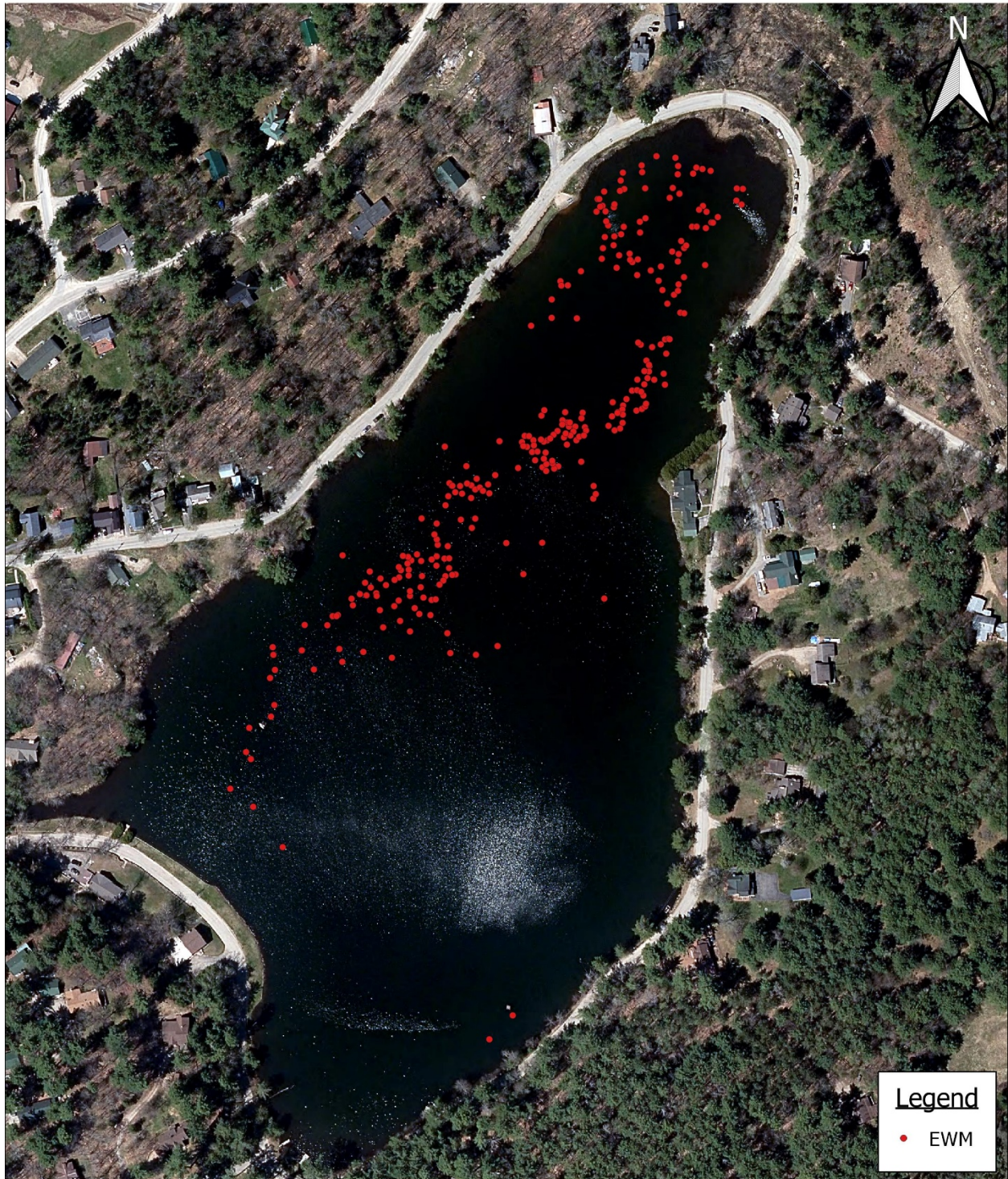
**Description:** Crew spent the day working through the areas which had been harvested throughout the week, harvesting small plants less than one foot in length. Crew noted although they worked harvest patterns throughout the areas, it was very challenging locating plants which were only a few inches growing in much taller native vegetation.

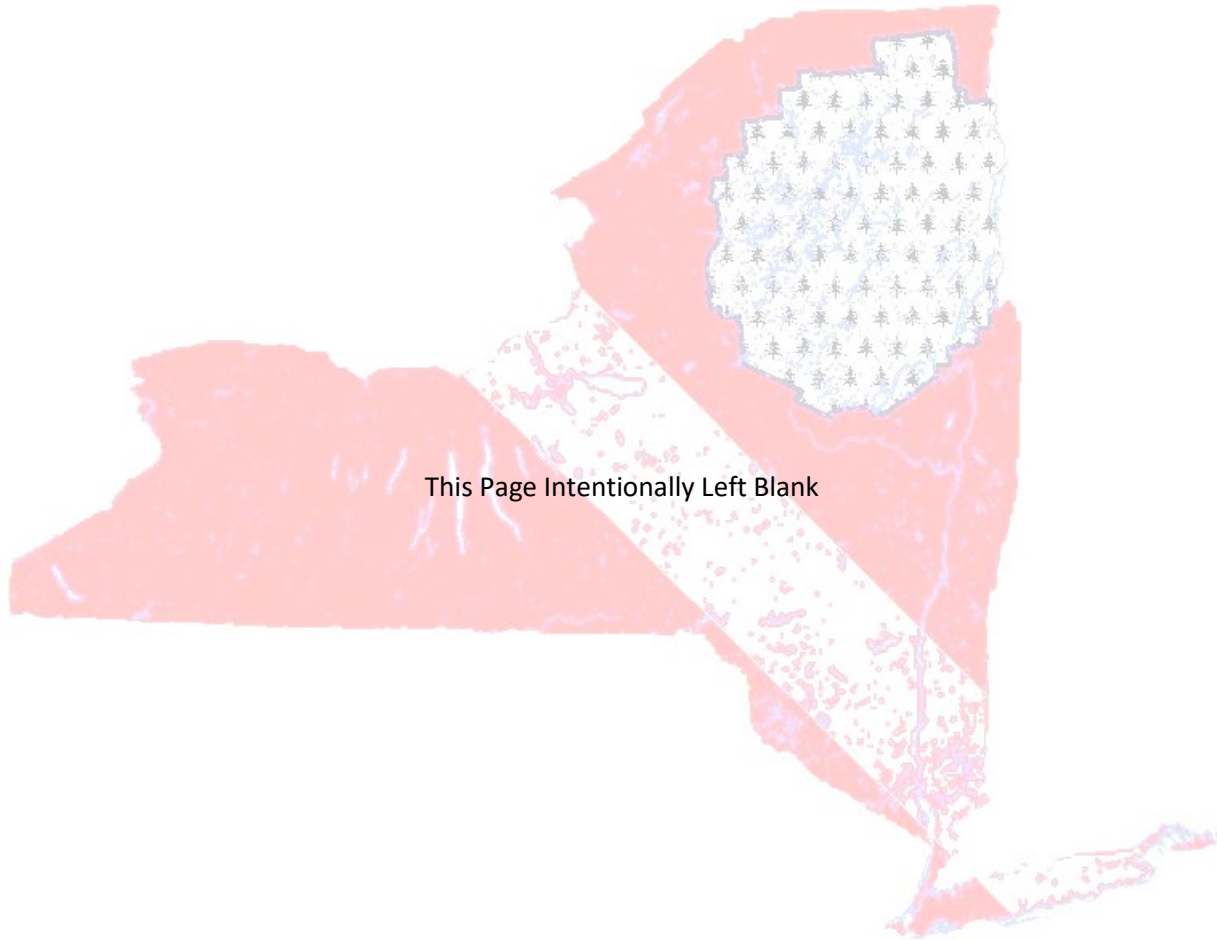
Crew completed exploratory dives, working the remaining eastern shoreline south to the southeastern tip, working throughout the littoral. Crew located two very small EWM plants but noted much of the deeper areas lacked vegetation in general.

**Harvest Data:** 2 bags @ 50 lbs.



# Moody Pond -week of 29 June 21-





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