

Aquatic Invasive Species Management Report

Moody Pond

September 7-10, 2021

Prepared By:

INVASIVE SOLUTIONS



DIVE COMPANY, LLC

Overview

This week focused on revisiting all the harvest sites from the previous harvest week then searching any territory which had not had any inspections yet. Sites were found to consist of mostly single stem plants, many of which were likely growth of very small plants or fragments scattered within native vegetation. Due to the small size of those plants and the difficulty to see fragments on the substrate below native plant growth it is very challenging to locate these items, so in the consideration of time these areas were previously searched and harvested with this week's follow-up harvest performed. The plants harvested this week were consistent with what we would expect to find during the follow-up. It was noted the deepest section of the pond had plants which were dying back and laid along the substrate, so consideration should be given to doing a second harvest earlier than completed this year.

Harvest data for the week: 13.85 bags @ 346.3 lbs.

Operations

Tuesday- 9/7/21

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) which were consistent with where EWM was harvested the previous harvest week. Crew was harvesting mostly single stem EWM ranging from 1-3' in height with some clusters of dense EWM. Six bags harvested.

Crew continued working south to a patch area west of the row of cedar trees on the eastern shore out from a large white house. Within this section Crew was harvesting consistent EWM, mostly single stem 1-4' in height with occasional multi-stem plants up to 4' in height. Within the area, Crew noted EWM was being found within more dense native vegetation. One bag harvested.

Harvest Data: 8 bags @ 200 lbs.

Wednesday- 9/8/21

Description: Crew began the day at the northern launch and performed search patterns working south. Crew continued to find sporadic EWM throughout the area, noting they harvested a section with multi-stem EWM up to four feet with surrounding single stem plants along the western shore. Crew continued working to the section west of the row of cedars they left off in the previous day harvesting EWM within the native vegetation. Two bags harvested.

Crew relocated to the center patch areas in deeper water which are found near the center of the pond. Crew worked throughout the area, harvesting both single/ multi-stemmed EWM throughout with plants averaging 4-6' in length with occasional plants up to 8'. Crew noted the plants within this deeper section were largely laying down across the substrate rather than growing vertical as in the other sections of the pond harvested this week. Crew worked small sections until visibility was depleted then continued to work the area north. One bag harvested.

Harvest Data: 3 bags @ 75 lbs.

Thursday- 9/9/21

Description: Crew resumed their harvesting in the center deeper areas in the middle of the pond, performing line swims throughout the area. Crew was harvesting consistent EWM which was about three inches in height throughout the area, with occasional taller EWM plants. Crew continued to work the area north, locating a small patch of EWM just south of where they had left off the previous days, south of the row of trees. Within this section Crew found clusters of single stem EWM and occasional multi-stems up to four foot in height. One bag harvested.

Crew continued to perform line swims northward along the eastern half of the pond, throughout the northern section, then back south to where they began by the isolated patch. Crew located sporadic single stemmed EWM throughout their searches. ¼ bag harvested.

Harvest Data: 1.25 bags @ 31.3 lbs.

Friday- 9/10/21

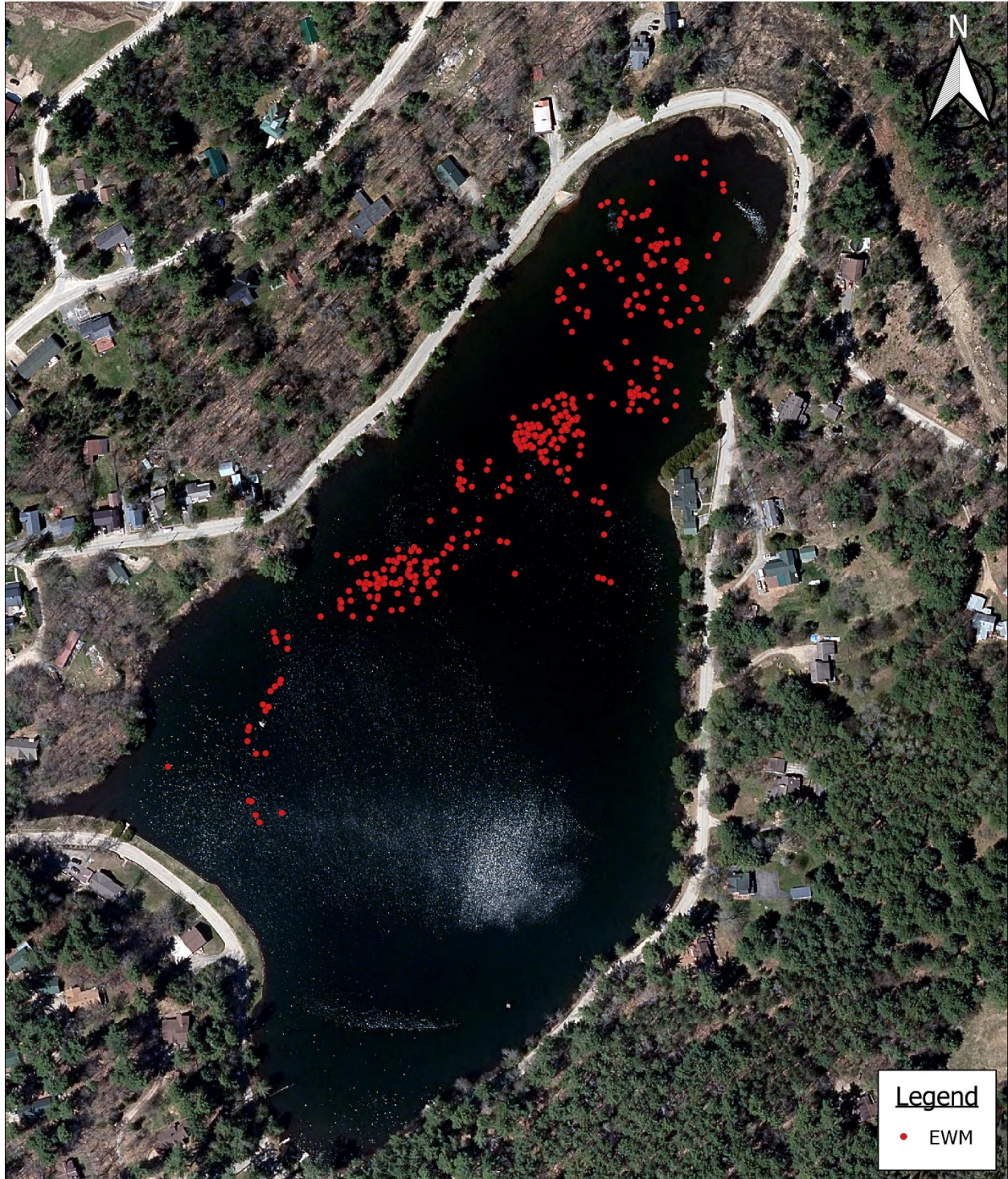
Description: Crew launched from the dock on the SW shore and worked south along the shoreline, revisiting areas which produced EWM from the first week harvest. Crew found sporadic EWM with occasional clusters, which were a multi-stem plant(s) with surrounding small single stem satellite plants. Plants harvested were found in the same general locations from the first week along the southwest and southern shore. Crew then continued back north, working through the most southern larger patch identified in the 2019 survey. Within this section, Crew harvested mostly single stem EWM up to 3' in length, with occasional multi-stem plants 4-6' in length. Crew noted the taller EWM (3'+) within the area was laying across the substrate. 1/3 bag harvested.

Crew continued to perform line swims working north through the deeper patch sections, searching the full length of the areas west to east, then continued north to the small patch area identified the previous day. Crew harvested mostly single stem EWM found within native vegetation within the areas. ½ bag harvested.

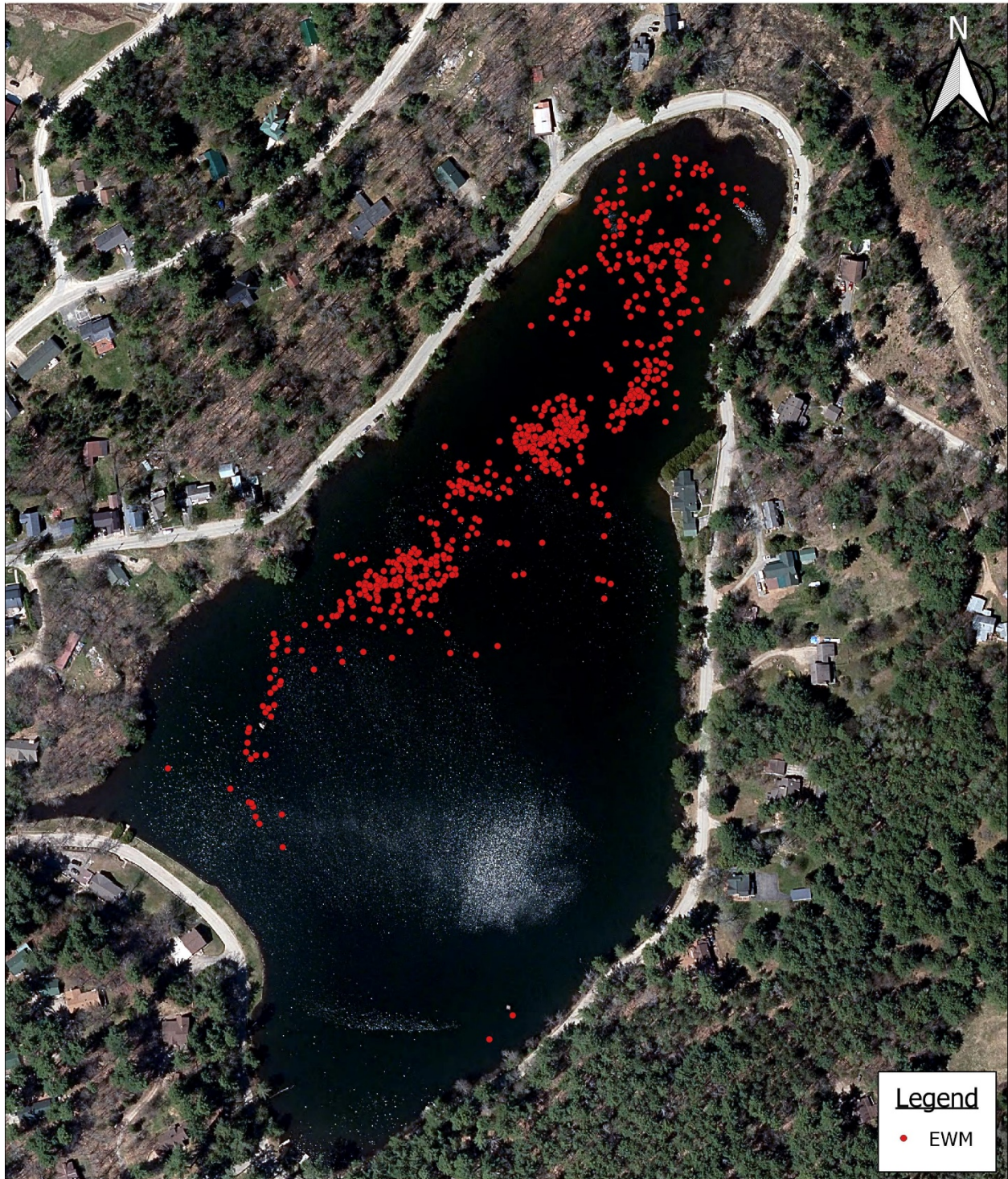
Crew completed the week by performing search patterns back over the deeper sections in the middle of the pond, then continued to work north performing searches through the shallower sections and lily-pads along the northern shoreline by the launch. ¾ bag harvested.

Harvest Data: 1.6 bags @ 40 lbs.

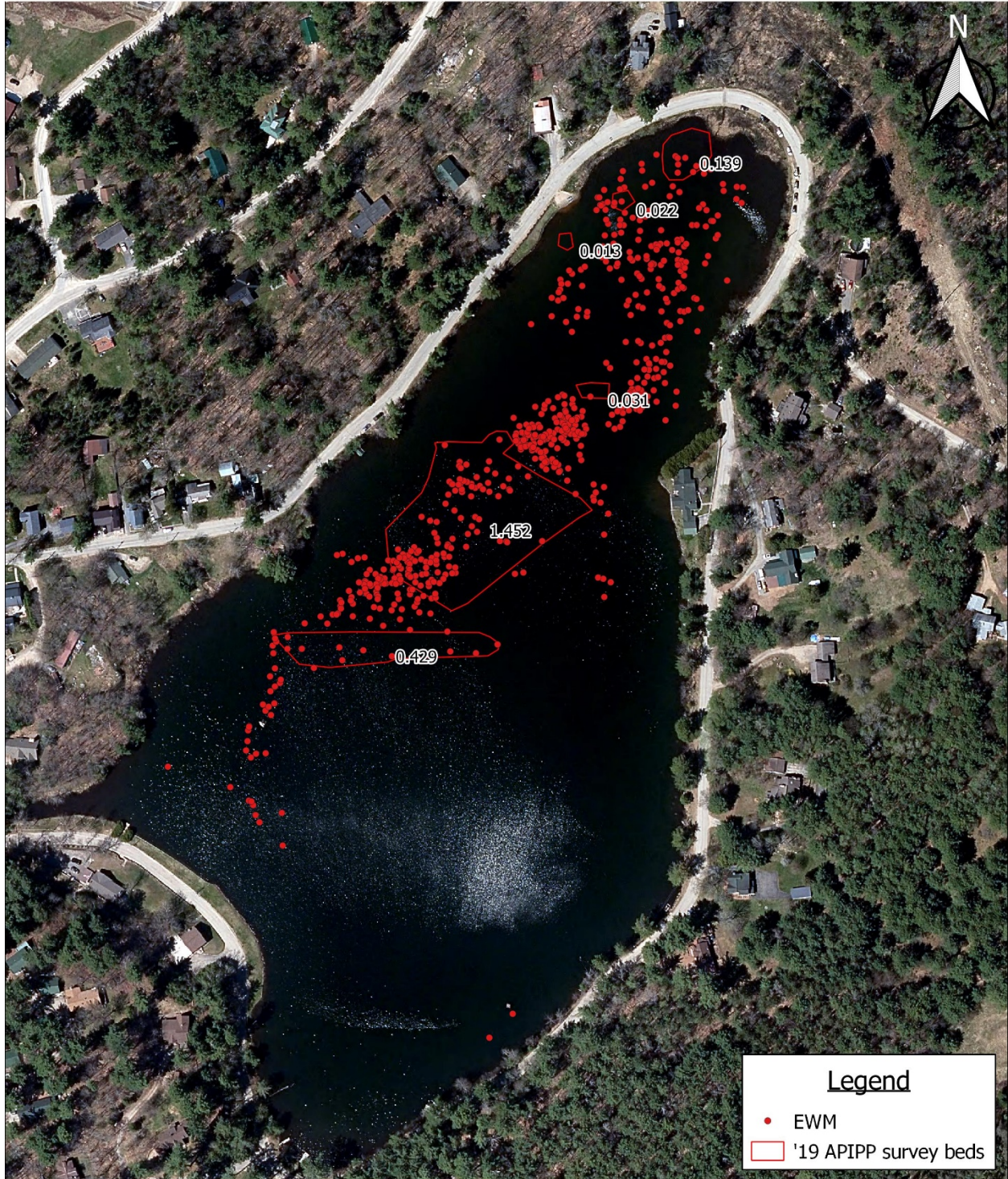
Moody Pond -week of 7 September 21-

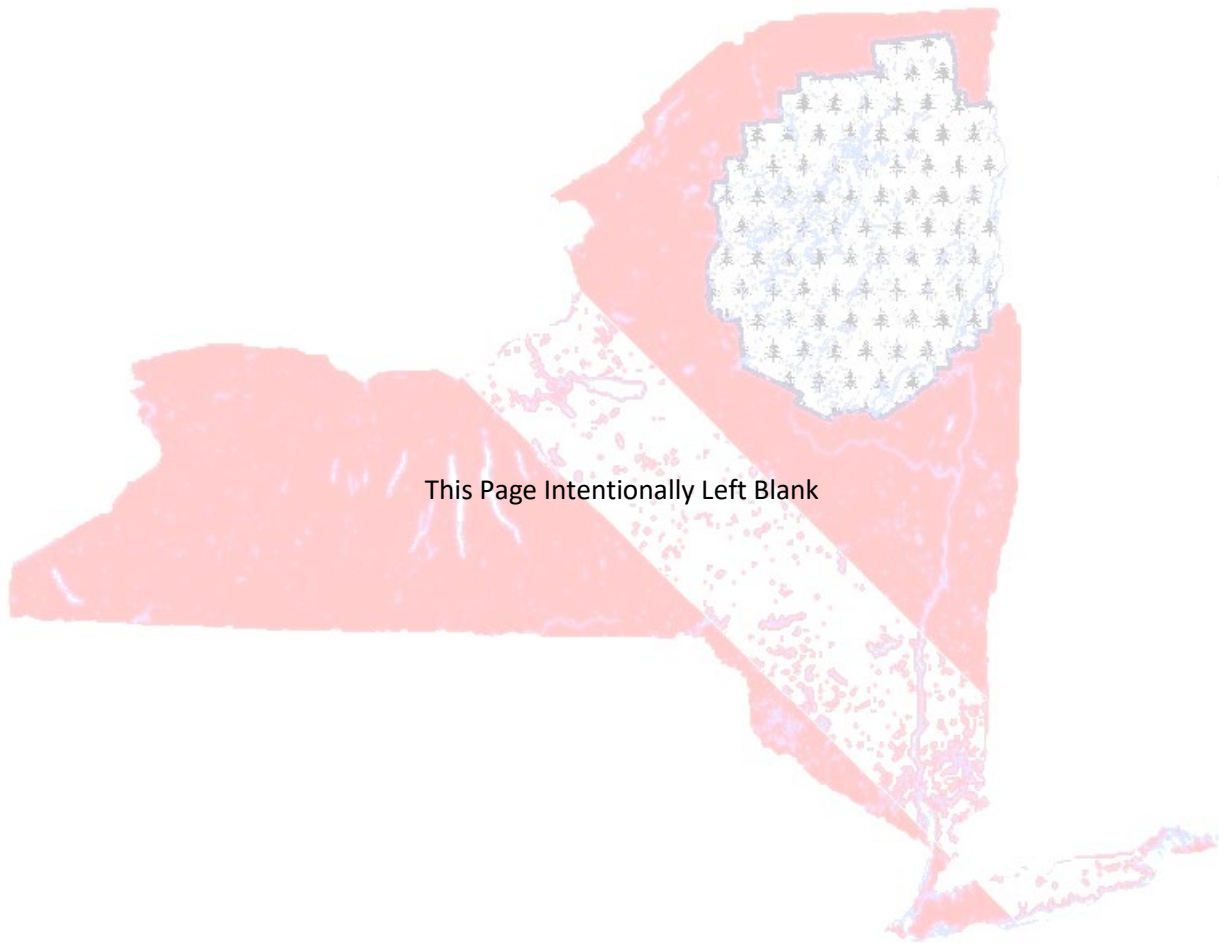


Moody Pond -2021 Harvest Map-



Moody Pond -2021 Harvest Map-





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