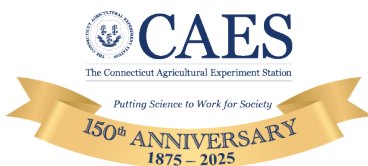


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**Lake Housatonic
Aquatic Plant Survey
Report
2025**

Gregory J. Bugbee and Madison Manke

Office of Aquatic Invasive Species
Department of Environmental Science and Forestry

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INTRODUCTION

Lake Housatonic is a 347-acre impoundment of the Housatonic River created by the Derby Dam. The dam is equipped with a hydroelectric facility owned and operated by McCallum Enterprises of Stratford, CT. The lake offers a diverse freshwater ecosystem as well as unique opportunities for fishing, boating, relaxation, and other outdoor activities (Figure 1). Aquatic plants provide habitat for fish and other aquatic organisms, remove nutrients, and stabilize the shoreline. Invasive aquatic plants are non-native and often become a nuisance because they have few natural enemies to control their growth (Wilcove et al 1998). They degrade native aquatic ecosystems (Les and Mehroff 1999), disrupt recreation, and reduce home values (Connecticut Aquatic Nuisance Species Working Group 2006). Once invasive plants are established, long term and costly management programs are often necessary.

CAES (Connecticut Agricultural Experiment Station) conducted surveys of Lake Housatonic in 2005, 2017, 2022, 2023, and 2024. Invasive Eurasian watermilfoil (*Myriophyllum spicatum*) and curlyleaf pondweed (*Potamogeton crispus*) were observed in all five years while minor naiad (*Najas minor*) was only observed in 2005, 2017, and 2024. Thirteen native species were observed in 2005, 14 in 2017, 9 in 2022, 11 in 2023, and 13 in 2024. Curlyleaf pondweed may have been underestimated in 2005 because it naturally dies back in late spring



Figure 1. Angler enjoying Lake Housatonic in September 2025.

(Catling and Dobson 1985) before the survey occurred. In the following years it may have been overestimated because of its similarities to other pondweeds such as the newly discovered native long-leaf pondweed hybrid (*Potamogeton x assidens*). The most common native plants in Lake Housatonic in 2005 were coontail (*Ceratophyllum demersum*) and eelgrass (*Vallisneria spiralis*). Overall, the coverage of both invasive and native plants in 2005 was minimal. A notable increase was documented in 2017 when Eurasian watermilfoil covered 139 acres and eelgrass became a nuisance resulting in concern that it may need to be managed. Annual herbicide applications began in 2018 targeting both Eurasian watermilfoil and curlyleaf pondweed. This resulted in a reduction in Eurasian watermilfoil to two acres (Bugbee and Stebbins 2023). In 2021 and 2022, small areas of eelgrass were treated with diquat as

well. In 2022, CAES began pre and posttreatment surveys of Lake Housatonic to document the efficacy of herbicides. This information can be found at the CAES Office of Aquatic Invasive Species (OAIS) website <https://portal.ct.gov/caes-oais>.

The following report represents the sixth CAES OAIS surveillance and mapping of invasive aquatic plants and native eelgrass in Lake Housatonic with emphasis on pre and posttreatment conditions. Additionally, as part of CAES research to document long-term changes in plant communities statewide, all plant species were mapped in 2005 and 2024.

OBJECTIVES

1. Survey and map invasive aquatic plants and eelgrass in Lake Housatonic pre and post herbicide treatment and compare with past surveys.
2. Resurvey transects established in 2005 for all plants and compare with past surveys.
3. Assess current aquatic plant management strategy.

METHODS

Aquatic Plant Surveys and Mapping

Our 2025 aquatic vegetation surveys utilized methods established by CAES to maintain consistent records of nearly 300 Connecticut lakes and ponds (CAES OAIS 2026). We recorded locations of all invasive plants and eelgrass with a Trimble R1[®] GNSS global positioning system (GPS) with sub-meter accuracy. Since 2022, we included eelgrass based on the concern that it was becoming a nuisance and may need management. We used a Lowrance HDS[®] sonar system, to determine patches near the bottom and to eliminate the need for time-consuming grapple tosses. We circumnavigated the plant patches to form georeferenced polygons. Patches covering less than one square meter were recorded as a point and assigned an area of 0.0002 acres (1m²). We measured depth with a rake handle, drop line, or digital depth finder.

Sediment type was estimated. Comparing depths from our surveys to determine changes over time is inherently inaccurate because of the wide fluctuations in the lake level caused by rainfall events and the release of water from Lake Zoar. Plant samples were obtained, in shallow water, with a rake and in deeper water with a grapple. We measured plant abundance using a visual scale of 1 to 5 (1 = single stem; 2 = few stems; 3 = common; 4 = abundant; 5 = extremely abundant). When field identifications of plants were questionable, we brought samples back to the lab for review using the taxonomy of Crow and Hellquist (2000a, 2000b). If the species were still questionable a plant sample was analyzed using DNA technology. We collected one of each plant species found in Lake Housatonic to mount for our online and physical herbarium <https://portal.ct.gov/caes/oais/herbarium>.

We post-processed the GPS data using Pathfinder[®] 5.85 (Trimble Navigation Limited, Sunnyvale, CA) and then imported it into ArcGIS[®] Pro 3.6.1 (ESRI Inc., Redlands, CA). Data was then overlaid onto recent high-resolution (1m or better) aerial imagery for the continental United States made available by the USDA Farm Services Agency.

Occurrence and abundance of plant information was collected from 10 from 10 transects pre and post treatment. Transect points were positioned 0.5, 5, 10, 20, 30, 40, 50, 60, 70, and 80 meters perpendicular from the shore. These transects were a subset of the 18 laid out in 2005 (CAES OAIS 2026) and contained at least one occurrence of each native and invasive plant species.

In 2025, we conducted a pre-treatment survey for curlyleaf pondweed, Eurasian watermilfoil, minor naiad, and eelgrass on June 25-27. A post-treatment survey for the same species occurred from September 3-5.

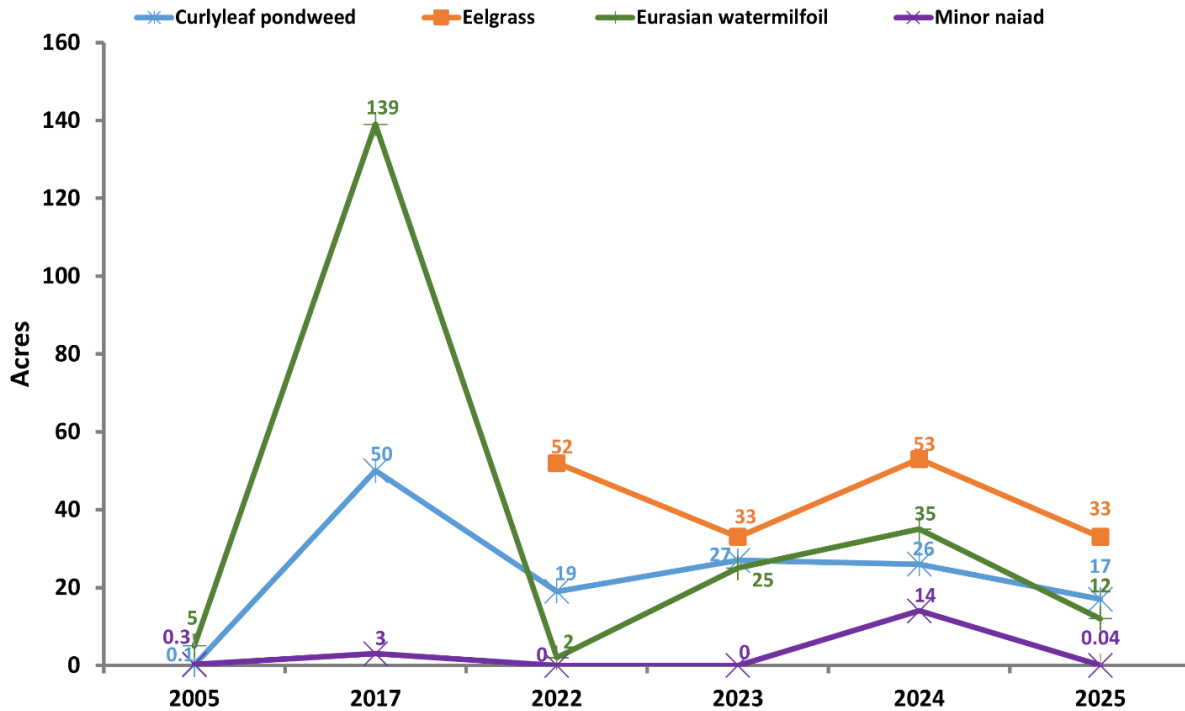


Figure 2. Pretreatment coverage of invasive plants and eelgrass in Lake Housatonic.

Water Analysis

Water chemistry information was obtained data on June 25th. A Secchi disk was used to measure transparency and a YSI® 58 meter (YSI Inc. Yellow Springs, Ohio) was used to measure water temperature and dissolved oxygen. Measurements occurred in the same deep area as previous surveys at 1.5 foot and at 3-foot depth intervals until we reached the bottom. We collected water samples from 1.5 feet below the surface and 1.5 feet from the bottom. Water samples for pH, alkalinity, conductivity, and total phosphorus were obtained from 1.5 feet beneath the surface and 1.5 feet above the bottom. The samples were stored at 38°F until testing. A Fisher AR20® meter was used to determine pH and conductivity. Alkalinity (expressed as mg/L CaCO₃) was quantified by titration with 0.016 N H₂SO₄ to an end point of pH 4.5. We determined total phosphorus using the ascorbic acid method preceded by digestion with potassium persulfate (APHA, 1995).

Phosphorus was quantified using a Milton Roy Spectronic 20D® spectrophotometer with a light path of 2 cm and a wavelength of 880 nm.

RESULTS

Aquatic Plant Surveys and Transects

Our 2025 pretreatment survey confirmed the presence of three invasive aquatic plants: curlyleaf pondweed, Eurasian watermilfoil, and minor naiad. Curlyleaf pondweed coverage decreased from 26 acres in 2024 to 17 acres in 2025. This is a considerable reduction from the 50 acres observed in 2017 but a large increase from the 0.1 acres found in 2005 (Figure 2). Eurasian watermilfoil coverage decreased substantially to 12 acres in 2025 from 35 acres in 2024. Compared to the 139 acres found in 2017 – prior to herbicide treatments – the recent coverages represent a substantial reduction. Coverage of minor naiad was reduced to 0.04 acres in 2025 from 14 acres in 2024 (Figure 2). This low growing annual plant rarely needs

Table 1. Total Number of Invasive and Native Species transects in Lake Housatonic 2005 - 2025.

	2005	2017	2022	2023	2024	2025
Number of Total Species	16	17	11	13	16	12
Number of Native Species	13	14	9	11	13	10
Number of Invasive/Non-Native Species	3	3	2	2	3	2

Table 2. Frequency of occurrence (FOQ) of aquatic plants on transects in Lake Housatonic 2005 -2025.

Native Species	2005	2017	2022	2023	2024	2025
Arrowhead (<i>Sagittaria</i> species)	—	1%	1%	—	—	1%
Bur-reed (<i>Sparganium</i> species)	—	2%	—	—	—	—
Clasping-leaf pondweed (<i>Potamogeton perfoliatus</i>)	0%	3%	10%	4%	1%	3%
Coontail (<i>Ceratophyllum demersum</i>)	9%	33%	5%	14%	15%	18%
Eelgrass (<i>Vallisneria americana</i>)	8%	25%	22%	26%	29%	19%
Flat-leaf pondweed (<i>Potamogeton zosteriformis</i>)	—	19%	—	1%	4%	4%
Great duckweed (<i>Spirodela polyrrhiza</i>)	—	7%	—	3%	—	—
Horned pondweed (<i>Zannichellia palustris</i>)	0%	—	—	—	1%	5%
Illinois pondweed (<i>Potamogeton illinoensis</i>)	—	—	1%	4%	—	—
Large-leaf pondweed (<i>Potamogeton amplifolius</i>)	—	3%	—	—	0%	—
Leafy pondweed (<i>Potamogeton foliosus</i>)	—	—	—	5%	3%	—
Long-leaf pondweed hybrid (<i>Potamogeton x assidens</i>)	0%	3%	7%	5%	10%	0%
Pickerelweed (<i>Pontederia cordata</i>)	—	—	—	—	—	1%
Pondweed species (<i>Potamogeton</i> species)	—	4%	—	—	—	—
Primrose-willow (<i>Ludwigia</i> species)	—	—	—	—	2%	—
Slender naiad (<i>Najas flexilis</i>)	—	—	—	—	3%	—
Small pondweed (<i>Potamogeton pusillus</i>)	0%	37%	19%	13%	—	—
Southern naiad (<i>Najas guadalupensis</i>)	0%	4%	—	—	—	—
Variable pondweed (<i>Potamogeton gramineus</i>)	1%	—	—	—	1%	—
Water stargrass (<i>Zosterella dubia</i>)	—	25%	18%	10%	8%	4%
Western waterweed (<i>Elodea nuttallii</i>)	3%	23%	15%	14%	6%	13%
Invasive Species	2005	2017	2022	2023	2024	2025
Curlyleaf pondweed (<i>Potamogeton crispus</i>)	0%	17%	19%	21%	1%	13%
Eurasian watermilfoil (<i>Myriophyllum spicatum</i>)	6%	52%	12%	17%	4%	12%
Minor naiad (<i>Najas minor</i>)	1%	9%	—	—	2%	—

^a "—" = Species not found in Lake Housatonic; 0% indicates found in the waterbody but not on any transect points

management. Eelgrass covered 33 acres in 2025 and 2023 which is down from just over 50 acres in 2024 and 2022. It should be noted these are pretreatment (early summer) values which allow similar comparisons to years when post-treatment (late summer) surveys were not performed.

Plant species on our transects give a more quantitative indication of how the plant community has changed over time. Eurasian watermilfoil, curlyleaf pondweed, and minor naiad were found in all years except for 2022 and 2023 when minor naiad was not observed (Table 1). The frequency of occurrence (FOQ) of Eurasian

watermilfoil has declined from 52% in 2017 to 12% in 2025 (Table 2). A notable increase in this plant occurred from 2024 (4%) to 2025 (12%). The FOQ of curlyleaf pondweed also increased from 4% in 2024 to 12% in 2025.

A total of 10 native species were found on transects in 2025 compared to 13 in 2024, 11 in 2023, 9 in 2022, 14 in 2017, and 13 in 2005 (Table 1). Native clasping-leaf pondweed, coontail, eelgrass, long-leaf pondweed hybrid, and western waterweed have been found in all six years (Table 2). The long-leaf pondweed hybrid was newly identified in 2023 and was most likely

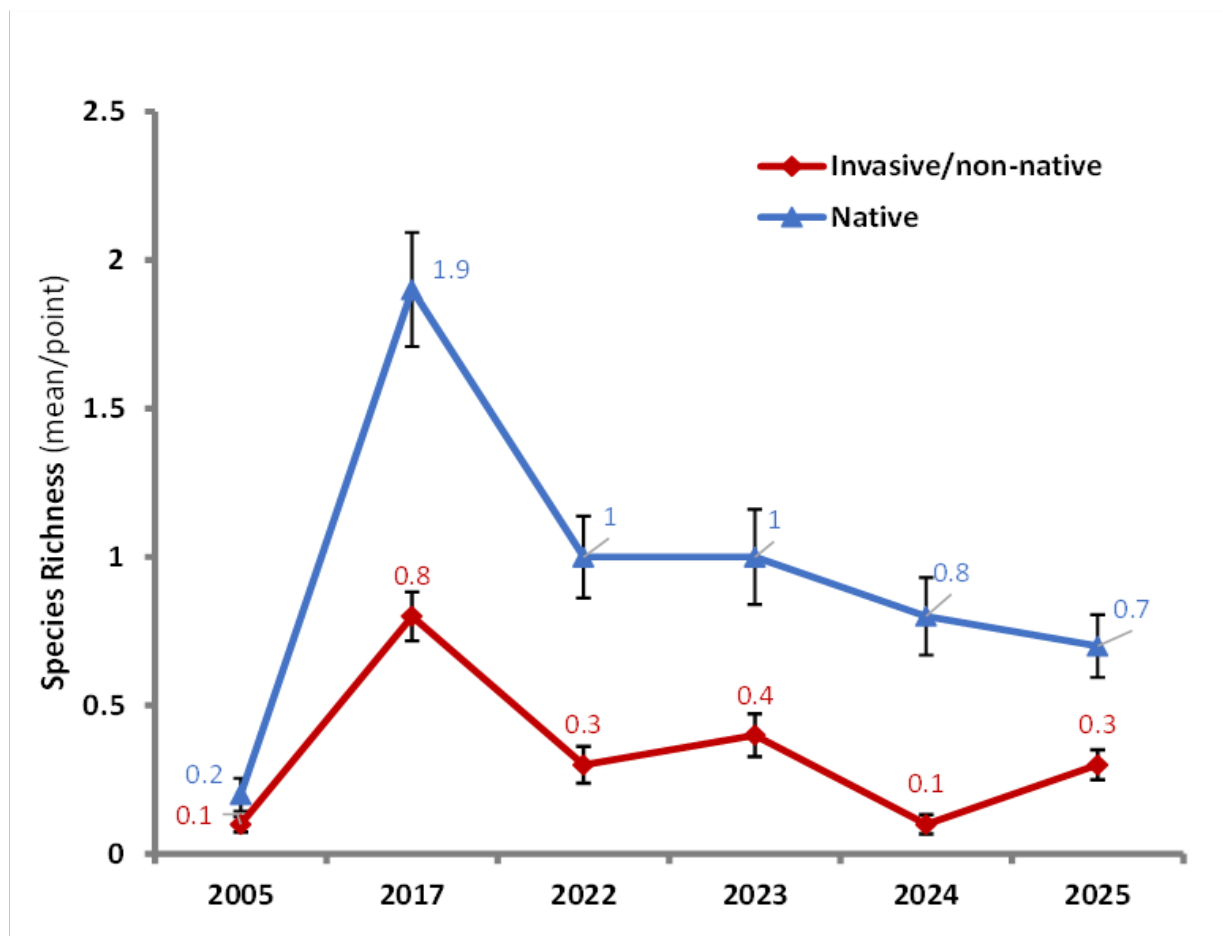


Figure 3. Species richness of invasive/nonnative and native plants in Lake Housatonic from 2005 to 2025.

present in previous years but was misidentified as curlyleaf or a different pondweed. It was only through DNA analysis and correspondence with Dr. Barre Hellquist that it was confirmed.

Interestingly, the hybrid has never been documented in other waterbodies in the northeast and is only known to occur in a few other locations in North America. Other species present in 2025, but not in 2024 were arrowhead and pickerelweed. These shoreline plants may have been dislodged by the 2024 flood. Species present in 2024, but not in 2023 were horned pondweed, large-leaf pondweed, primrose-willow, slender naiad, and variable pondweed. Again, the 2024 flood may have influenced the change. Species present in 2023, but not in 2022 were flat leaf pondweed and arrowhead. Plants present in 2017 but not in 2022 or 2023 were bur-reed, large-leaf pondweed,

and southern naiad. Not present in 2017, but present in 2005 were horned pondweed and variable pondweed (Table 2). These differences are likely overstated because of the relatively small number of transects.

In 2005, very little plant growth occurred on transects with total invasive species having a FOQ of only 0.3% and total native species having an FOQ of only 13% (Table 2). Eurasian watermilfoil accounted for 6% and minor naiad 1% of all invasive species. Curlyleaf pondweed was not found on a transect in 2005 but was found elsewhere in the waterbody. In 2005, the dominate native plants were coontail (9%), eelgrass (8%), and western waterweed (3%) (Table 2). In 2017, a large increase in total invasive (68%) and native (58%) FOQ's was documented. This was largely due to the increase in Eurasian watermilfoil (Figure 2). In 2017, the dominant native plants were

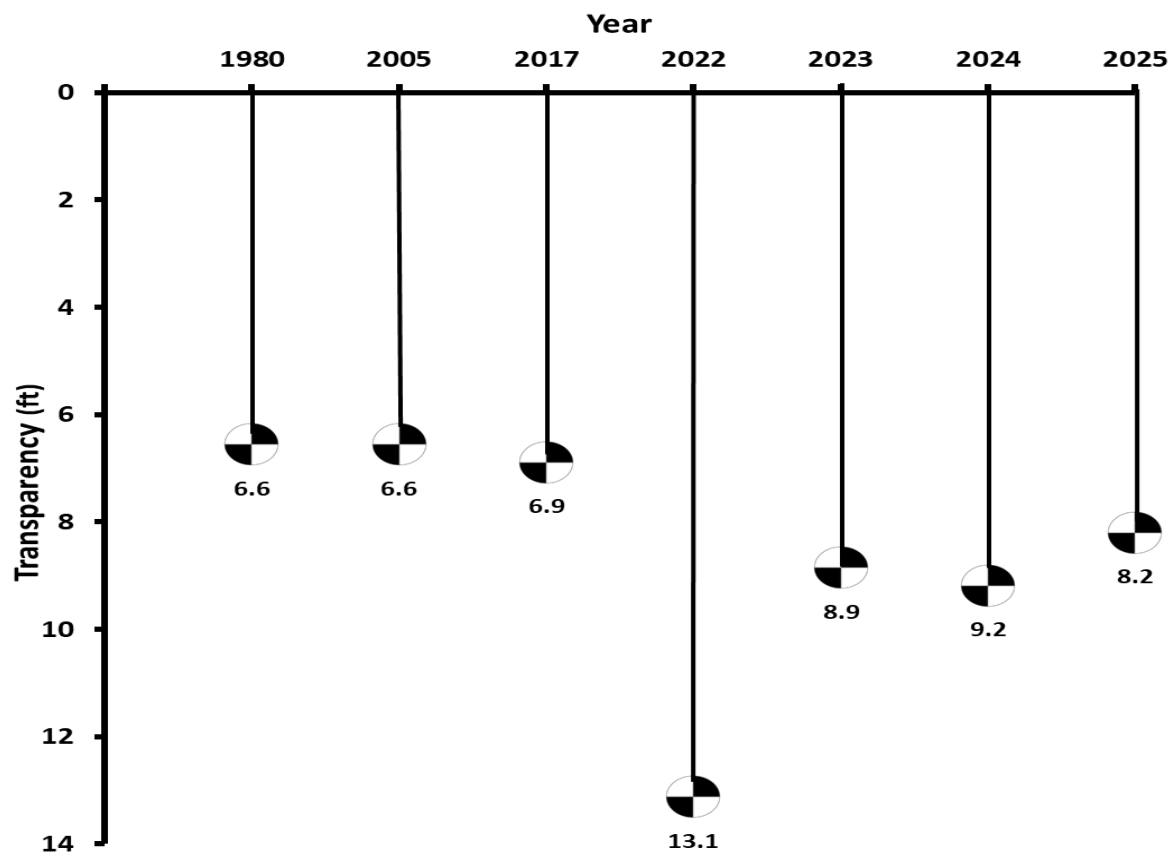


Figure 3. Transparency measured with a Secchi disk in Lake Housatonic 1980 - 2025.

small pondweed (37%), coontail (33%), eelgrass (25%), water stargrass (25%), and western waterweed (23%). In 2022, there was a notable decrease in the total invasive (23%) and native (42%) FOQ's largely due to decreases in Eurasian watermilfoil (52% to 12%) and minor naiad (9% to 0%). Some notable reductions in the FOQ's on transects from 2017 to 2025 include Eurasian watermilfoil (52% to 12%), coontail (33% to 18%), small pondweed (37% to 0%), water stargrass (25% to 4%), flat-leaf pondweed (19% to 4%) and western waterweed (23% to 13%). Eelgrass FOQ fluctuated between 19% and 29% from 2017 to 2025 (Figure 3). With the recent discovery of the long-leaf pondweed hybrid in 2023, which is difficult to differentiate from curlyleaf pondweed, the previous year's curlyleaf pondweed data may be erroneous.

Species richness refers to the average number of species per transect point. In 2025, a mean of 0.7 native species and 0.3

invasive species were found per transect point (Figure 3). Nearly identical to 2024 when a mean of 0.8 native species and 0.1 invasive species were documented. In 2023, a mean of 1.0 native species and 0.4 invasive species were found per transect point. The values from 2023 were nearly identical to 2022. This is significantly less than the 1.9 native and 0.8 invasive species observed in 2017. In 2005, the native (0.2) and invasive (0.1) species richness was at its lowest (Figure 3). These species richness data indicate a reduction in both native and invasive species on transects after 2017 which is when herbicide applications began. Still, Lake Housatonic continues to host a robust plant community.

Water Chemistry

When nutrients are taken up by plants or when plants decay the water chemistry may be altered. The excess nutrients not utilized by plants can support unwanted algal

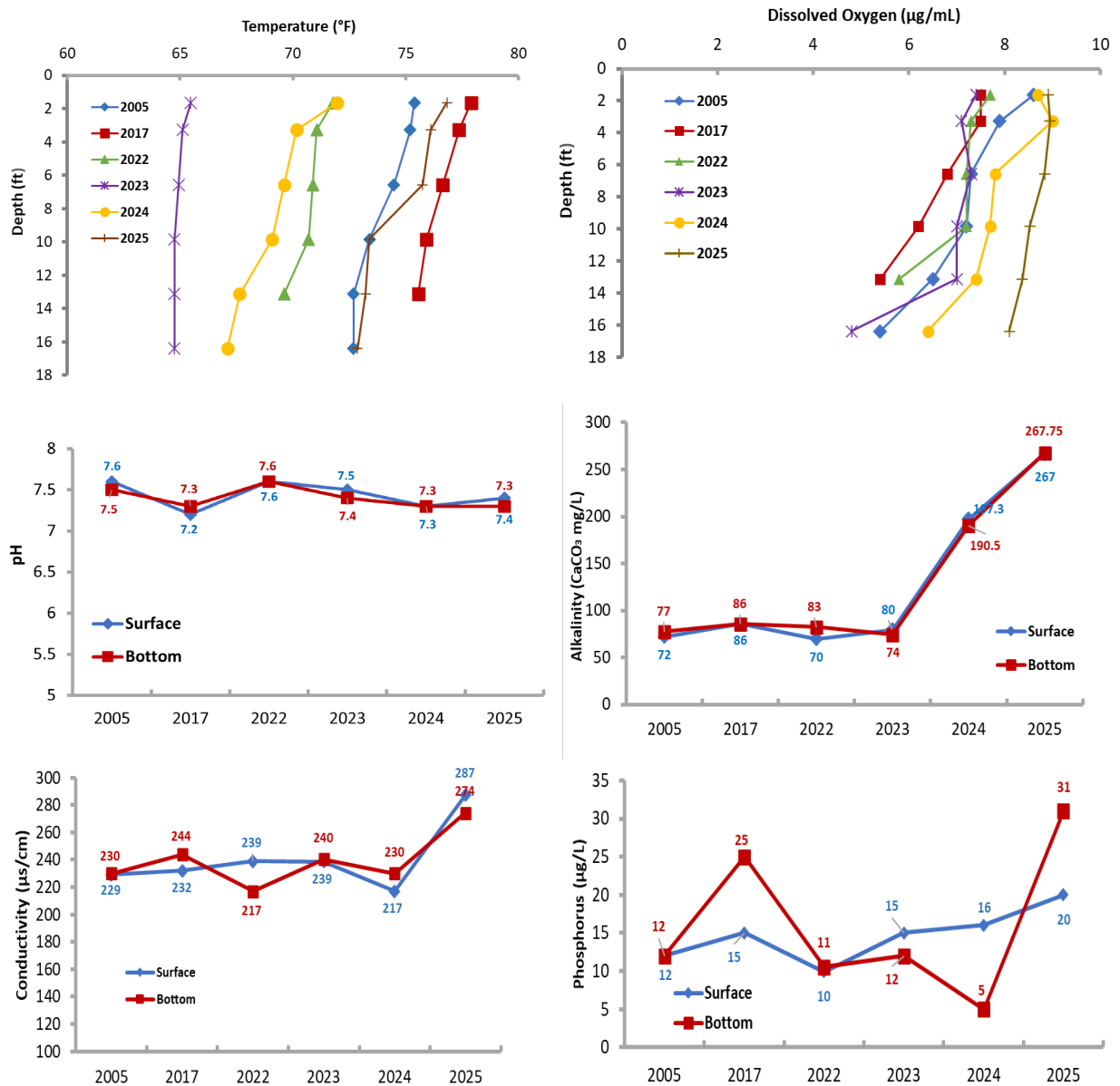


Figure 6. Water chemistry in Lake Housatonic 2005 - 2025.

blooms. Water testing is conducted during each lake survey to compare conditions between lakes and to assess trends over time. Since the water tests are conducted only once a year the results may not be reflective of conditions during other times. The identification of sources and quantities of nutrients reaching Lake Housatonic from the watershed are beyond the scope of this report.

The presence of invasive plants in lakes can be linked to specific water chemistries

(June-Wells et al. 2023). For example, lakes that exhibit higher alkalinities and conductivities are more likely to support populations of Eurasian watermilfoil, minor naiad, and curlyleaf pondweed compared to lakes with lower values that favor populations of fanwort and variable watermilfoil. Also, found within Lake Housatonic are invasive zebra mussels that are supported by high alkalinity and conductivity.

Table 2. Herbicide treatments performed in Lake Housatonic 2018 - 2025.

Year	Date	Product	Active Ingredient	Target Species	Amount	Acres
2025	7/17/2025	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	40 gallons	14
2025	8/11/2025	Harpoon®	Copper EDA Granular	Eelgrass	1,480 lbs.	8
2024	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	79
2024	-	Harpoon®	Copper EDA Granular	Eelgrass	-	10
2023	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	120
2023	-	Harpoon®	Copper EDA Granular	Eelgrass	-	8.5
2022	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	120
2022	-	Harpoon®	Copper EDA Granular	Eelgrass	-	18
2021	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	120
2021	-	Harpoon®	Copper EDA Granular	Eelgrass	-	18
2020	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	120
2020	-	Harpoon®	Copper EDA Granular	Eelgrass	-	18
2019	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	171
2018	-	Diquat	Diquat Dibromide	Eurasian watermilfoil/Curlyleaf Pondweed	-	157

In 2025, the water transparency of Lake Housatonic was 8.2 feet which was similar to 2023 and 2024 but considerably less than the highest transparency of 13.1 feet observed in 2022 (Figure 5). The lowest transparency of 6.9 feet occurred in 1980 and 2005. This may indicate an improvement over time. Water transparencies in Connecticut lakes range from 2 feet to over 20 feet with an average of about 10 feet (CAES OAIS 2024). Water transparency in Connecticut lakes tends to decline as the summer progresses and can vary from year to year due to weather.

Water temperature in Lake Housatonic varies from year to year depending on weather, mixing events and flow. Temperature profiles ranged from the mid-60's in 2023 to the high 70's in 2025 (Figure 6). Differences from the surface to bottom were minimal, indicating little stratification, likely due to substantial mixing typical of "run-of-river" waterbodies. Dissolved oxygen remained high throughout the water column in all years with a range of 8.9 µg/mL near the surface to 4.8 µg/mL near the bottom (Figure 6). Lake Housatonic's pH remained relatively constant from 2005 - 2025 with a range of 7.2 – 7.6 (Figure 6). Little change occurred with depth likely caused by mixing of the riverine system. Between 2005 and 2023 there was very little change in alkalinity with both surface and bottom water concentrations falling within a

range of 70 - 86 mg/L CaCO₃ (Figure 6). A substantial increase occurred in 2024 and 2025 with alkalinity levels from 197 to 267 mg/L CaCO₃ in both the surface and bottom water. Alkalinity in 2025 reached an all-time high. Reasons for the recent increases in alkalinity are not obvious but would likely be related to conditions upstream.

Conductivity is an indicator of dissolved ions that come from natural and man-made sources such as rainfall, mineral weathering, organic matter decomposition, fertilizers, septic systems, and road salts. The conductivity of Lake Housatonic in 2025 was 287 µs/cm at the surface and 274 µs/cm at the bottom (Figure 6). This was substantially higher from previous years where the surface and bottom conductivities ranged from 212 – 239 and 217 – 244 respectively. The increase may be related to the extremely dry summer or a change in conditions upstream.

Phosphorus is a key parameter used to categorize a lake's trophic state. Lakes with total phosphorus levels from 0 - 10 µg/L are nutrient-poor or oligotrophic. When phosphorus concentrations reach 15-25 µg/L lakes are moderately fertile or mesotrophic and at 30-50 µg/L they are fertile or eutrophic (Frink and Norvell, 1984). The phosphorus concentration in Lake Housatonic's surface water has shown a steady increase from 10 µg/L in 2022 to 20 µg/L in 2025 (Figure 6). The significance

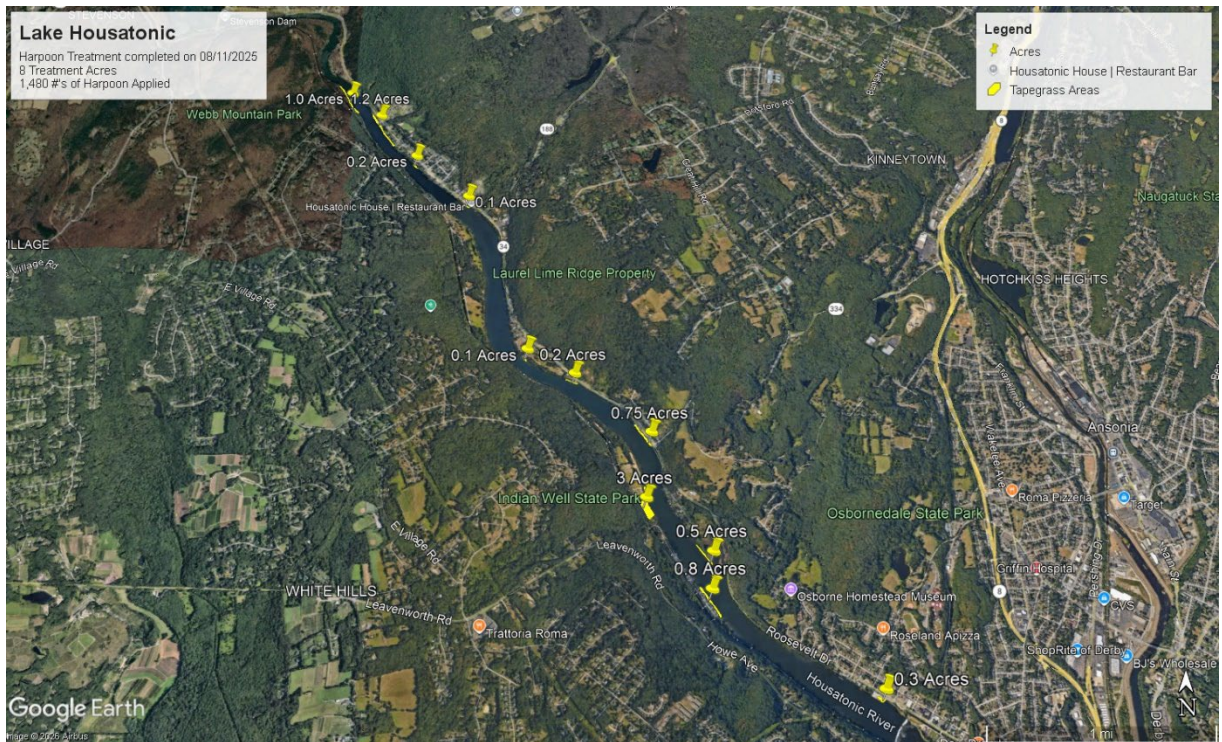


Figure 8. Areas of Lake Housatonic treated with diquat(top) and copper EDA granular (bottom) in 2025. Maps courtesy of Solitude Lake Management, Shrewsbury, MA.

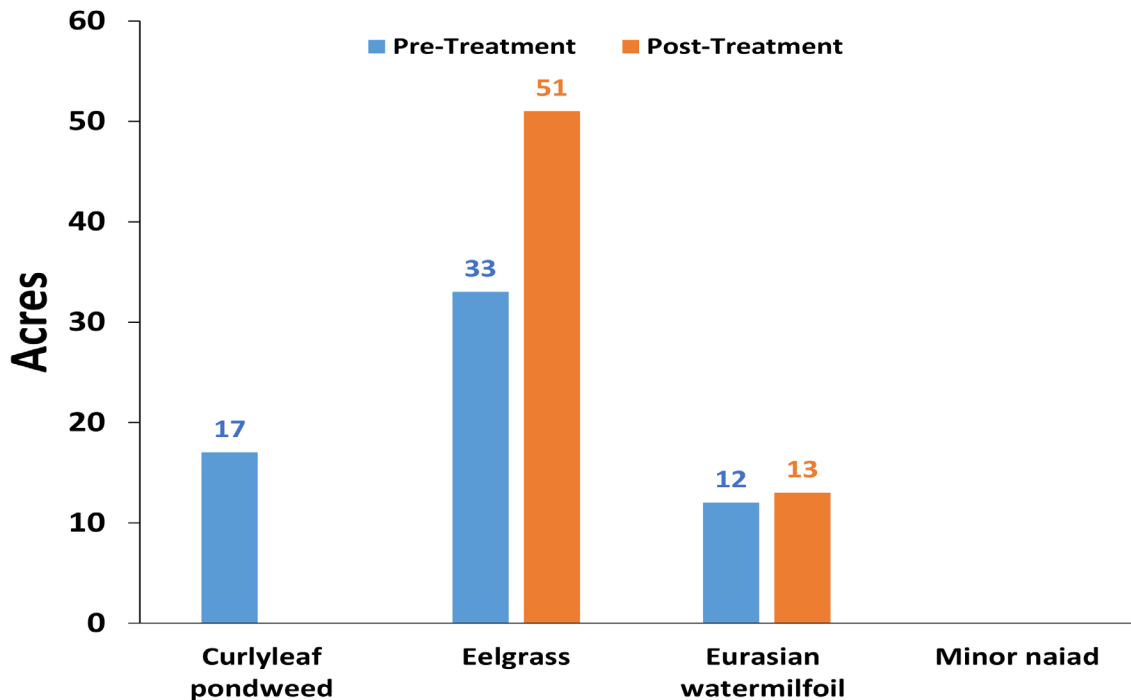


Figure 7. Pre- and post-treatment acreage of plant species of concern in Lake Housatonic 2025.

of this increase may be better understood in the context of additional tests in future years. Phosphorus accumulates in a lakes bottom water in the summer if not disturbed by mixing events. This makes year-to-year comparisons, particularly in riverine lakes, difficult and may explain the wide fluctuation from a low of 5 $\mu\text{g/L}$ in 2024 to a high of 31 $\mu\text{g/L}$ in 2025. These measurements classify Lake Housatonic as mesotrophic.

Aquatic Vegetation Management

Aquatic vegetation in Lake Housatonic has been managed with herbicides since 2018 (Table 2). Efforts in 2018 – 2025 targeted Eurasian watermilfoil and curlyleaf pondweed with diquat dibromide. From 2020 – 2023 eelgrass was also targeted with copper-ethylenediamine. After treatment of 157 - 171 acres of Eurasian watermilfoil and curlyleaf pondweed in 2018 and 2019 respectively, the acreage was reduced to 120 acres from 2020 -2023. In 2024 and 2025 the total acreage was further reduced to 79 and 14 acres respectively. In 2020, 2021

and 2022, 18 acres of eelgrass were targeted with Copper EDA granular. This was reduced to 8.5 acres in 2023 and then increased to 10 acres in 2024 and 14 acres in 2025. Overall, 2025 showed a slight increase in nuisance vegetation with eelgrass increasing from 33 acres pretreatment to 51 acres post-treatment (Figure 7). This could have been exacerbated by the relatively late August 11th treatment and/or that the sensitivity of eelgrass to the Copper EDA granules was less than sufficient. The area around the State beach likely needs the greatest attention as nuisance eelgrass and large leaf pondweed make swimming into areas over six feet deep difficult and could pose a hazard. Alternatives to herbicides in this area are short term benthic barriers or one or two mechanical harvests. Assistance from CT DEEP may be available for these procedures. In other areas of the lake, pockets of native pondweeds, eelgrass and to a lesser extent Eurasian watermilfoil could be nuisance to shoreline residents. Communications with those residents would help with plans for herbicide application

sites or other management practices. Each year the cove along the eastern shore southeast of the State boat launch is choked with invasive and native vegetation as well as matt forming algae (Figure 2, transect 3). The cove is very shallow with a deep muck substrate. It has no shoreline residents. Managing vegetation here may be an inefficient use of resources.

CONCLUSIONS

Lake Housatonic was surveyed for aquatic vegetation by CAES OAIS for the sixth time in 2025 with previous surveys occurring in 2005, 2017, 2022, 2023, and 2024. Eurasian watermilfoil decreased from 35 acres in 2024 to 13 acres in 2025. Eelgrass increased from 33 acres, before the 2025 herbicide treatment, to 51 acres after the treatment indicating less than desirable control. Curlyleaf pondweed also decreased from 26 acres in 2024 to 17 acres in 2025. Minor naiad was not found in 2025 even though it covered 14 acres in 2024. Ten native species were found on transects in 2025 compared to 13 in 2024, 11 in 2023, 9 in 2022, 14 in 2017, and 13 in 2005. This suggests recent plant management with herbicides is not having a negative effect on native species. This could be related to the opening up of the littoral zone as Eurasian watermilfoil is reduced. The dominant native plants in 2025 were coontail, western waterweed, and eelgrass.

Lake Housatonic is classified as a mesotrophic and moderately alkaline waterbody that has experienced very little change in water chemistry since 2005.

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Appendix

2025 Survey Pretreatment Maps

Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025
By Greg Bugbee, Summer Weidman, Riley Doherty,
Madison Manke, and Abraham Haxhi

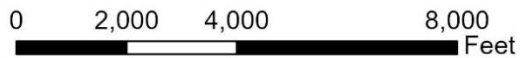
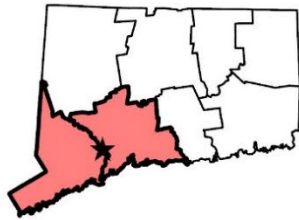
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3



Map 1 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025

By Greg Bugbee, Summer Weidman, Riley Doherty,
Madison Manke, and Abraham Haxhi

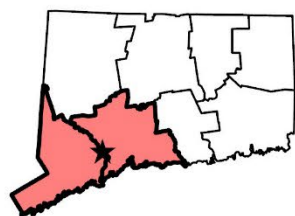
Legend

- ☆ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3



Map 2 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025

By Greg Bugbee, Summer Weidman, Riley Doherty,
Madison Manke, and Abraham Haxhi

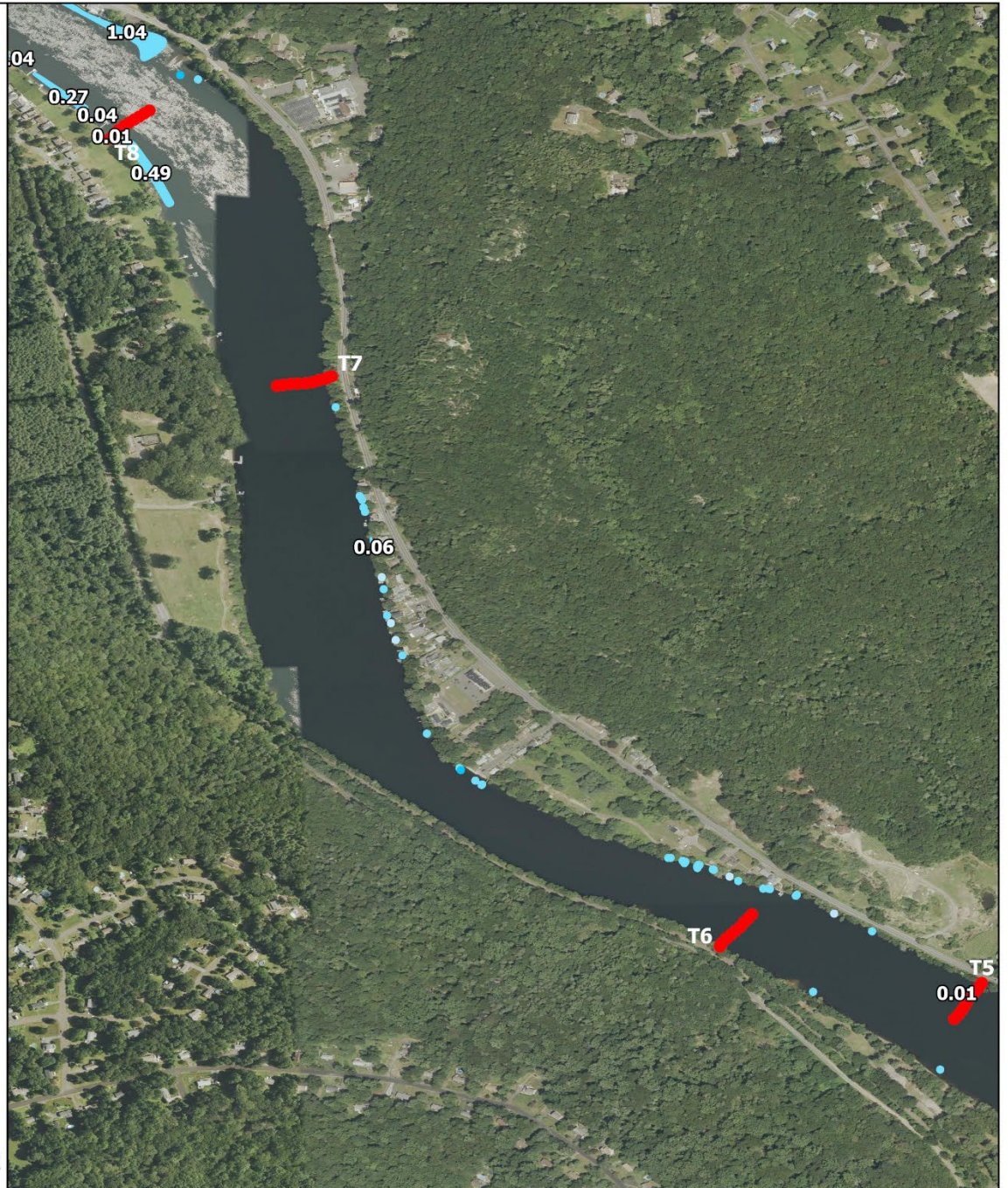
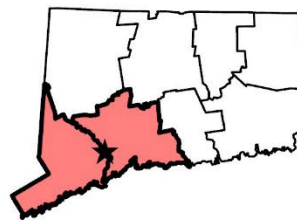
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
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- Curlyleaf pondweed = 1
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- Curlyleaf pondweed = 3



Map 3 of 4
Lake Housatonic
Derby, Monroe, Oxford,
Seymour, and Shelton
347 acres

Surveyed on June 25-27, 2025

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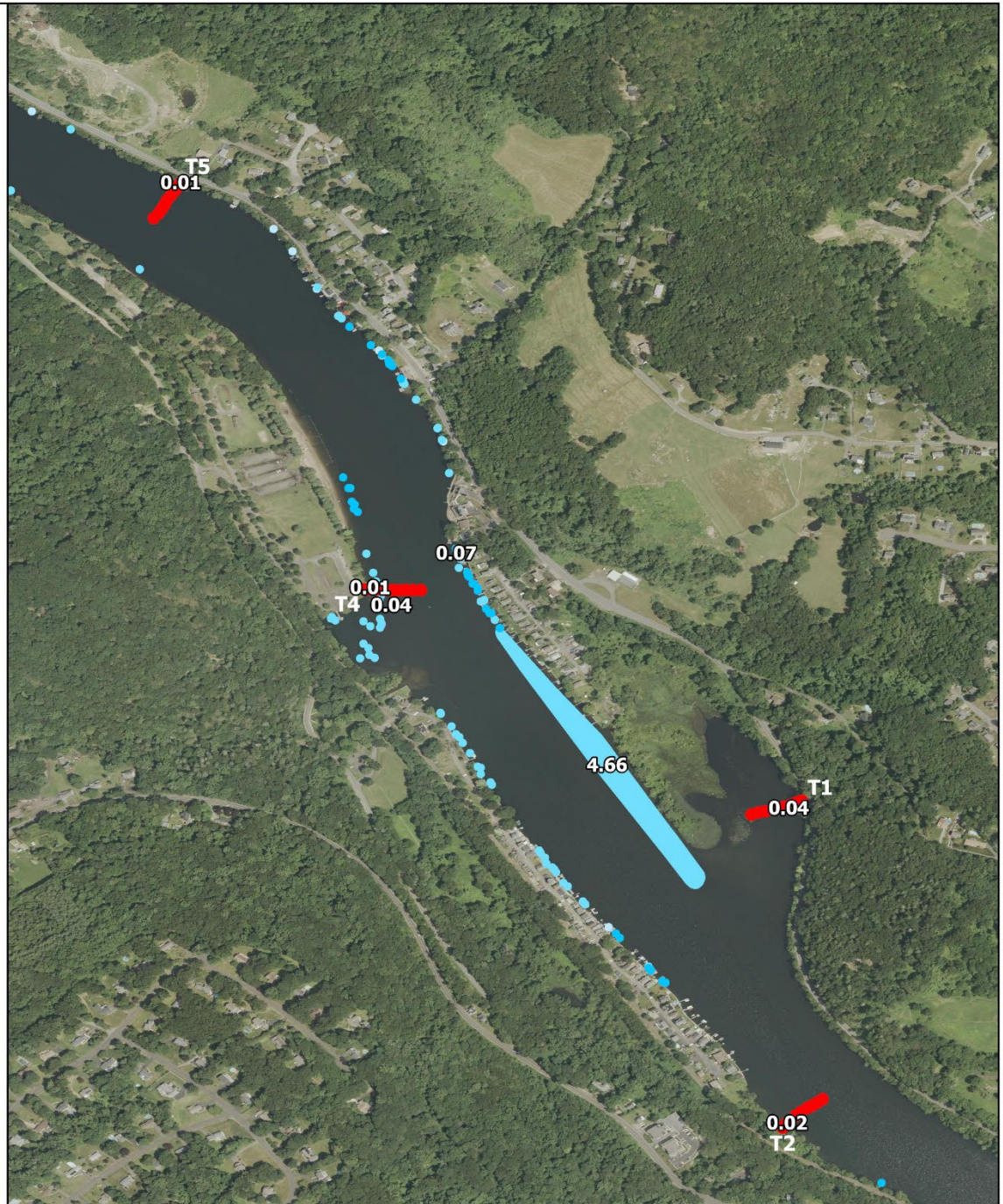
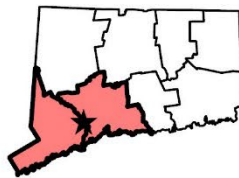
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3
- Curlyleaf pondweed = 1
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- Curlyleaf pondweed = 3



Map 4 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

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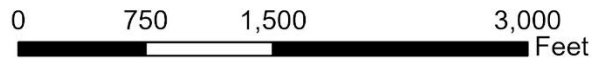
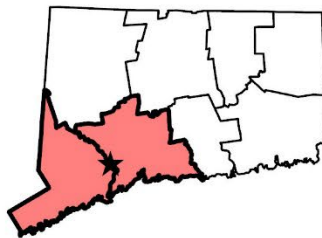
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

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- Curlyleaf pondweed = 2
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Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

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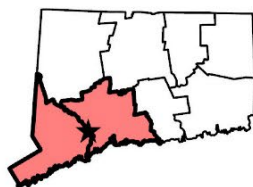
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- ★ Water Data
- Transect Point

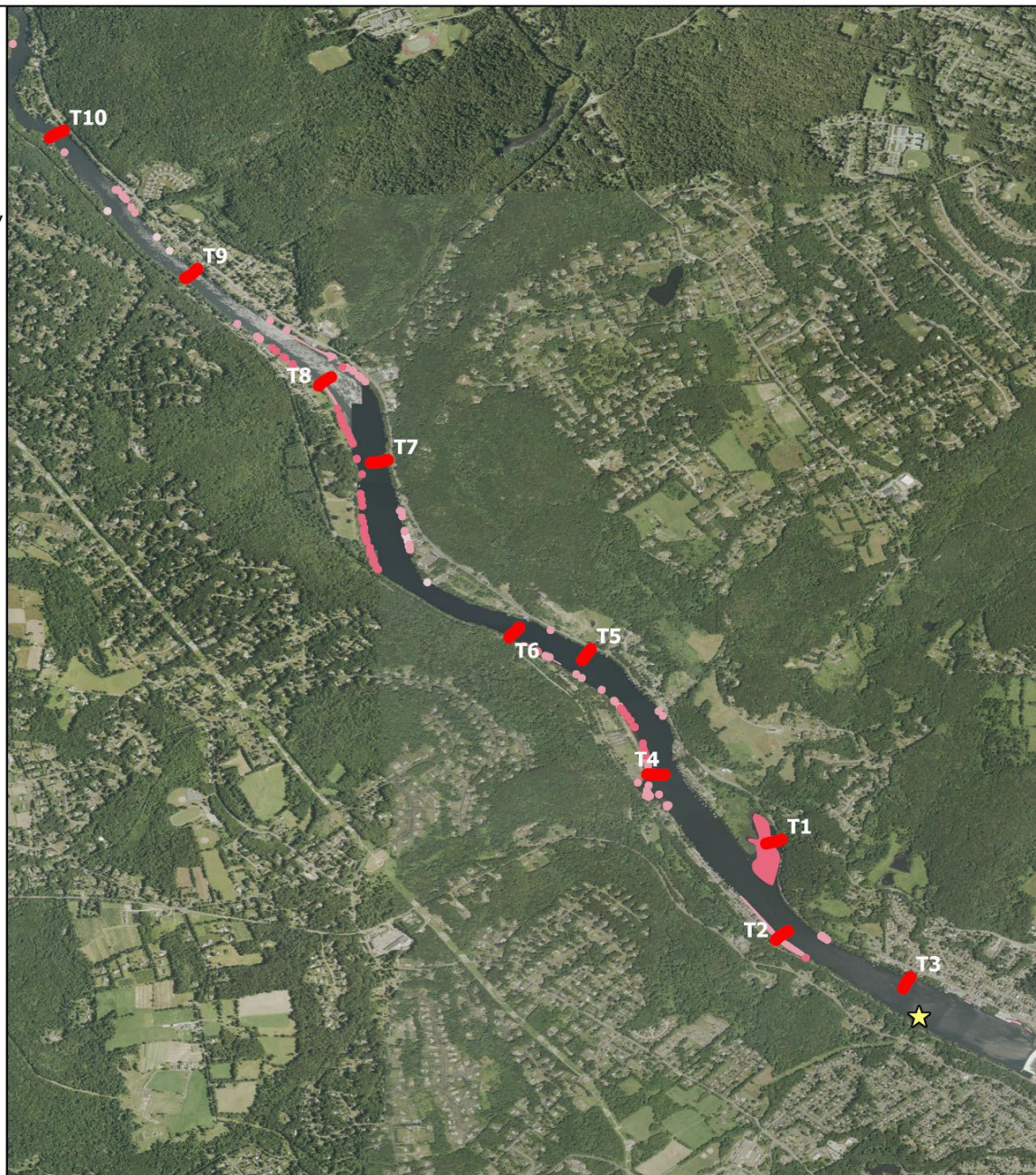
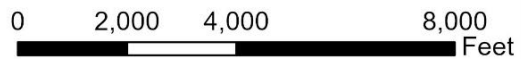
Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3



Office of Aquatic Invasive Species
Connecticut Agricultural Experiment Station



Map 1 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

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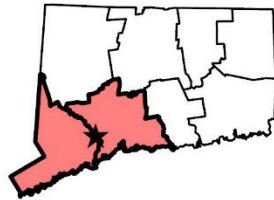
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3



Map 2 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025

By Greg Bugbee, Summer Weidman, Riley Doherty,
Madison Manke, and Abraham Haxhi

Legend

★ Water Data

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

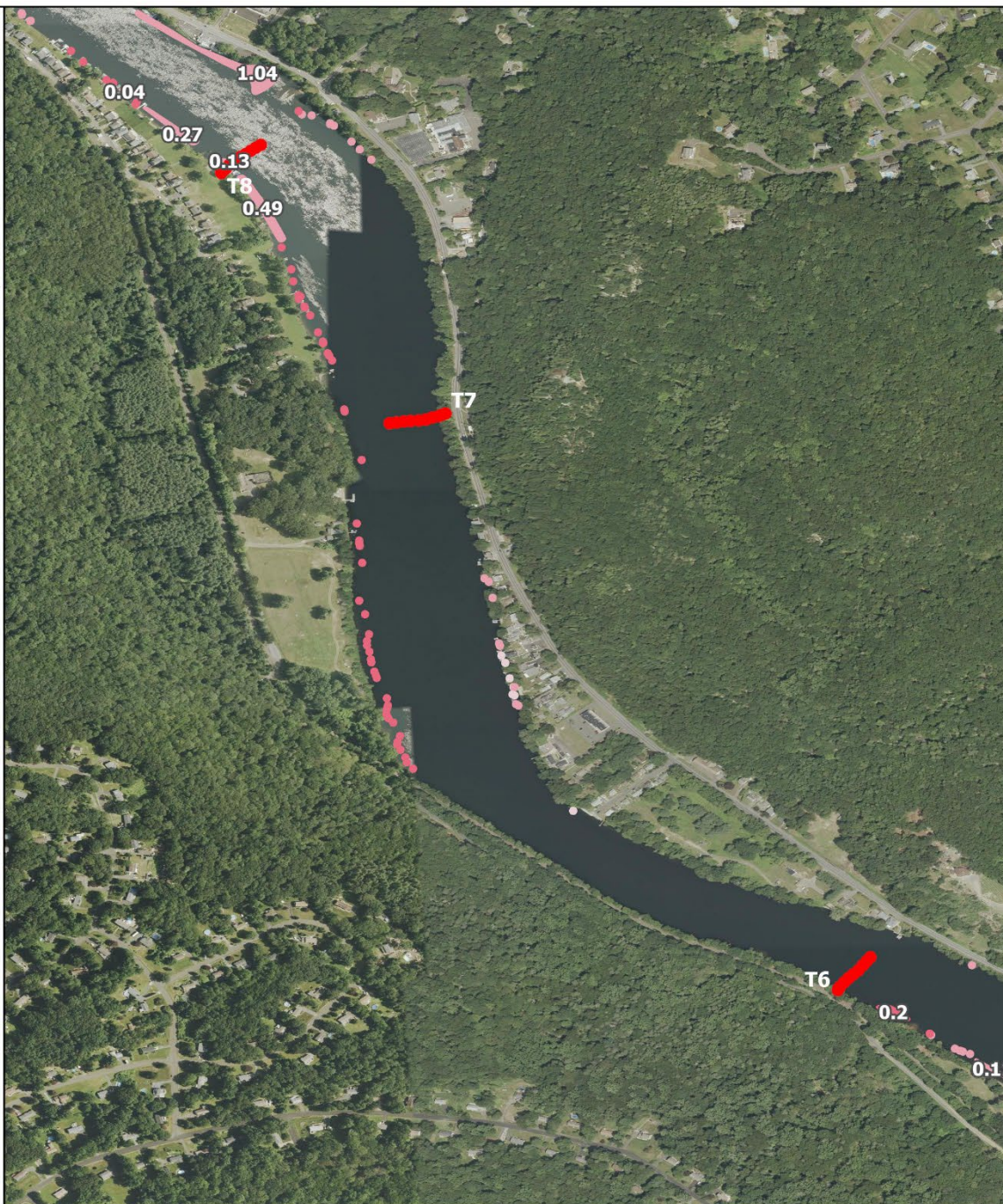
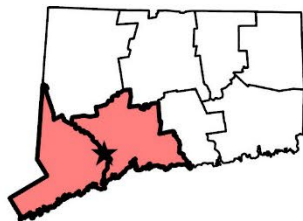
● Eurasian watermilfoil = 1

● Eurasian watermilfoil = 2

● Eurasian watermilfoil = 3

■ Eurasian watermilfoil = 2

■ Eurasian watermilfoil = 3



Map 3 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025

By Greg Bugbee, Summer Weidman, Riley Doherty,
Madison Manke, and Abraham Haxhi

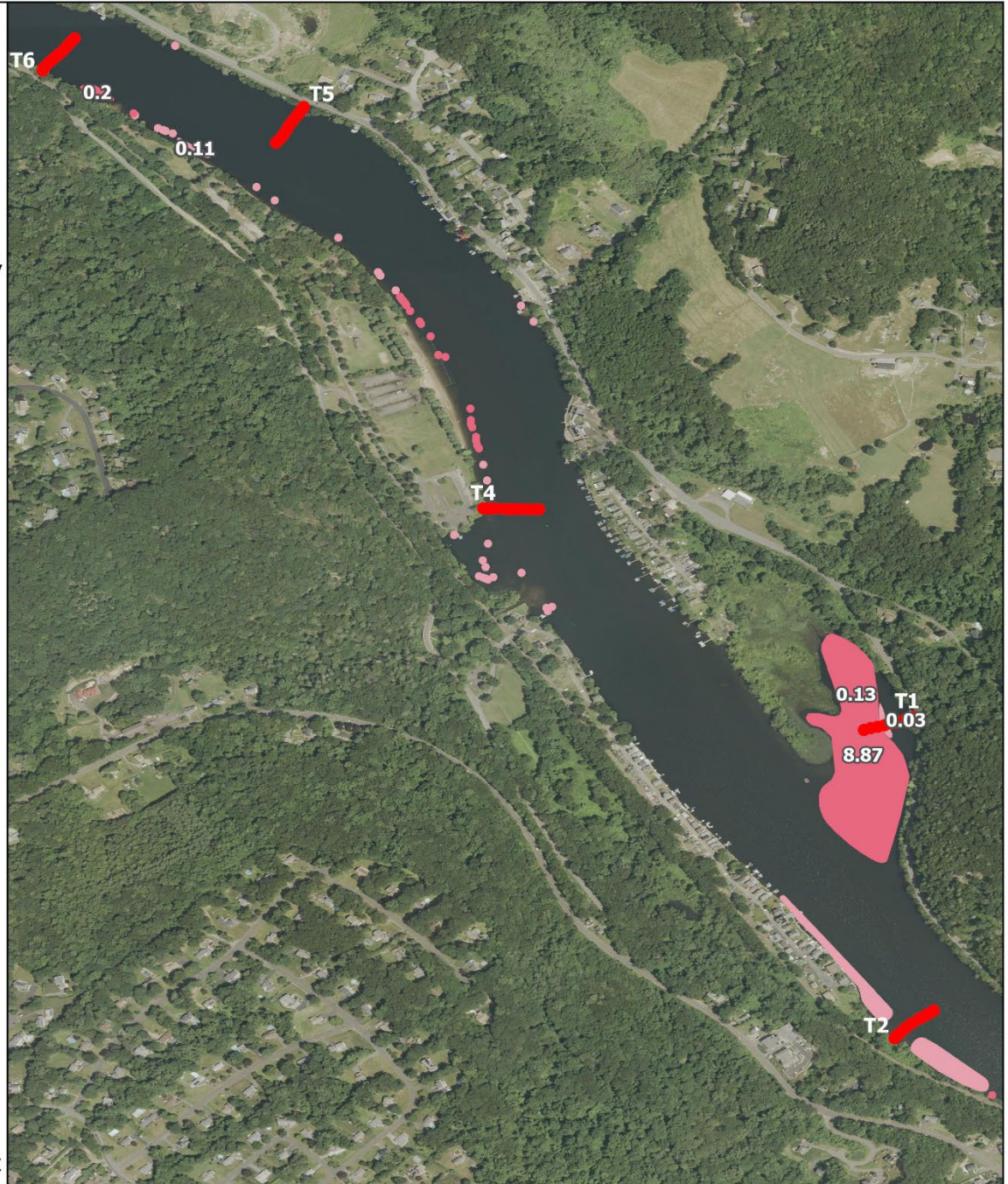
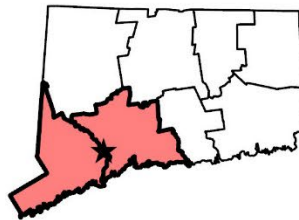
Legend

- ☆ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3



Map 4 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025
By Greg Bugbee, Summer Weidman, Riley Doherty,
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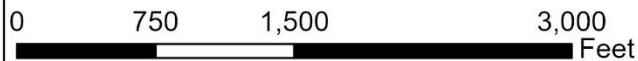
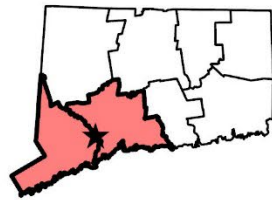
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3



Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

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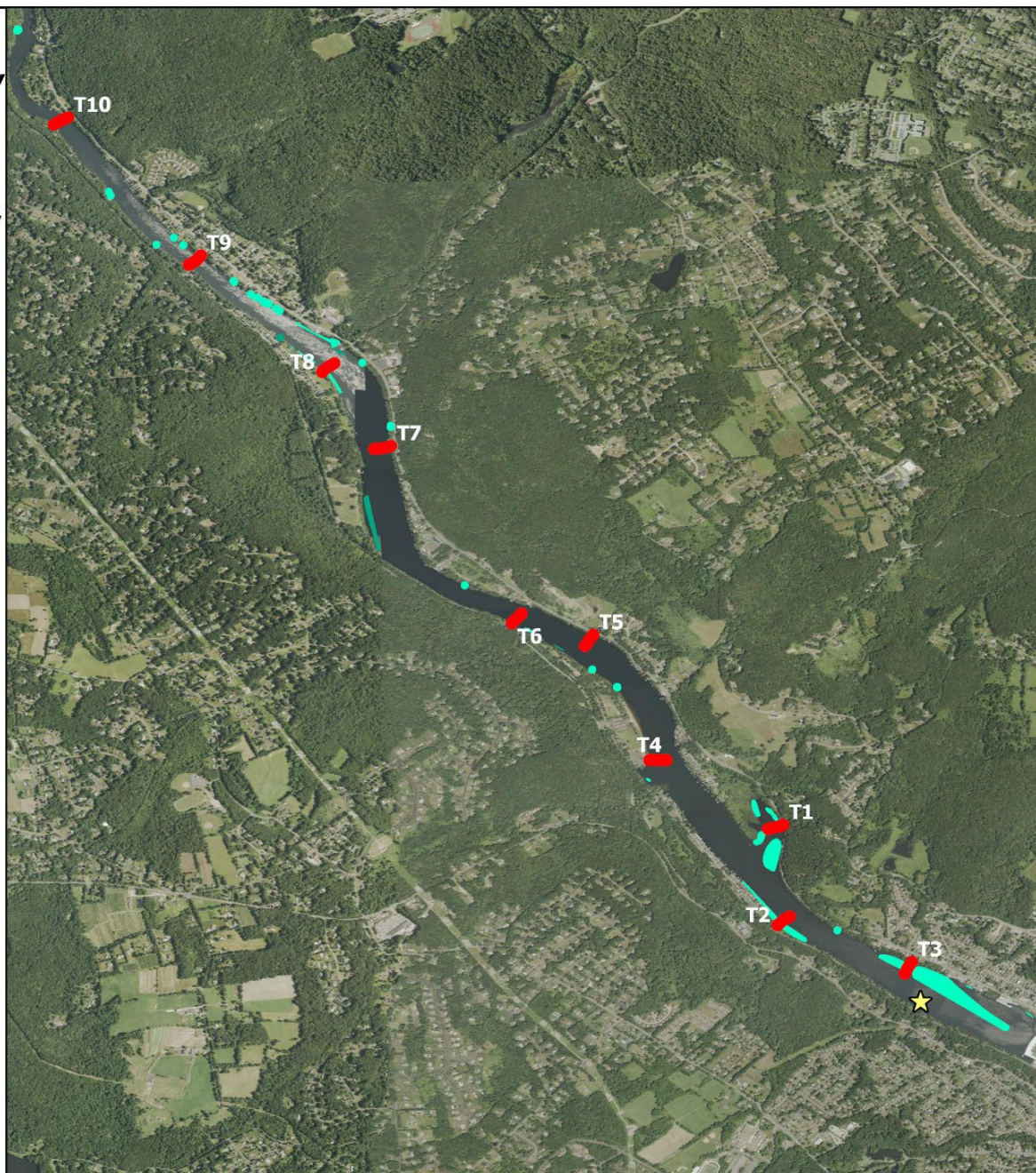
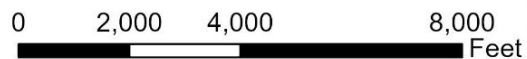
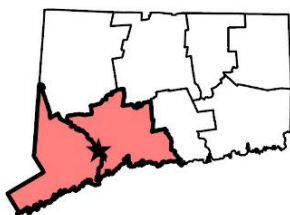
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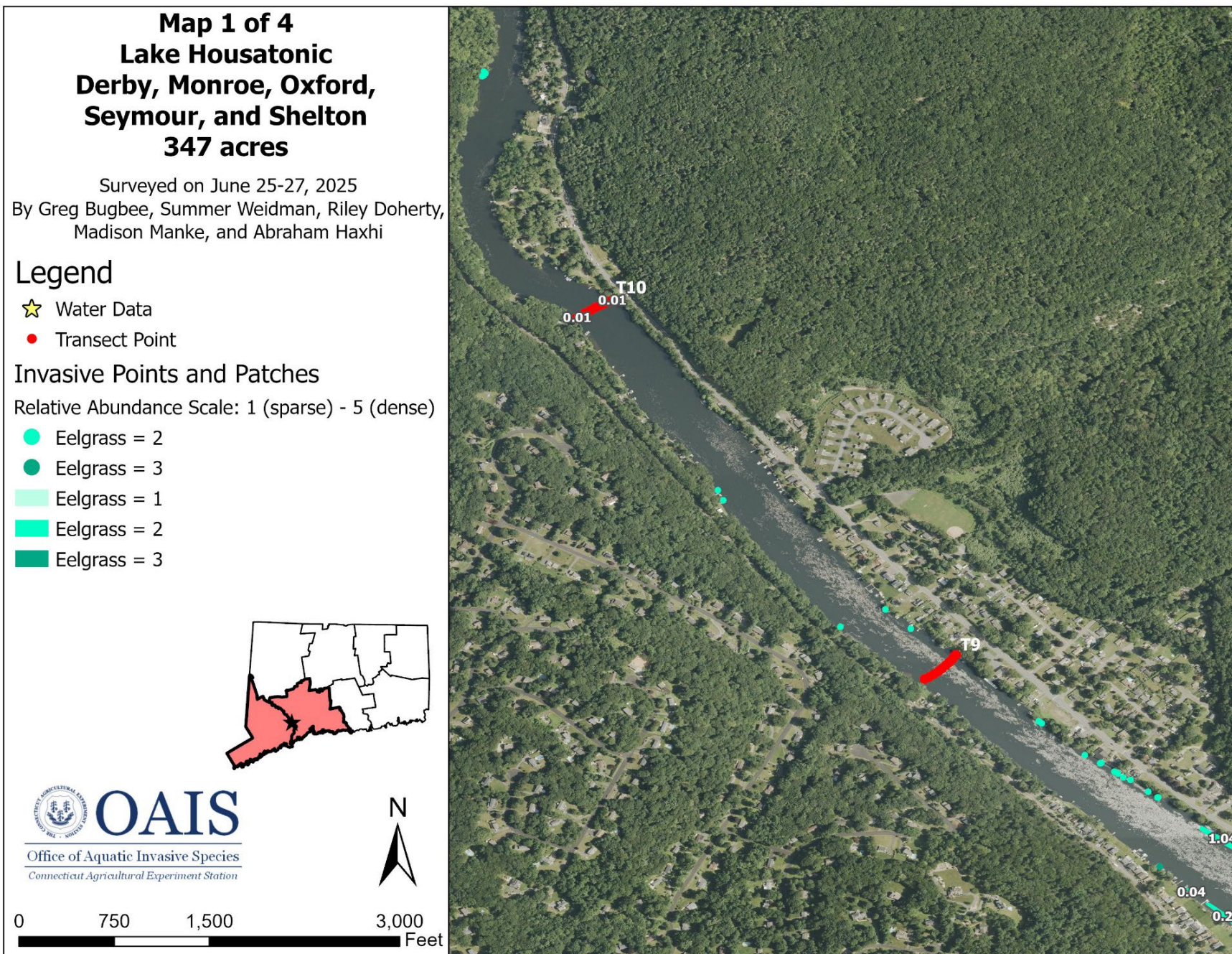
- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass = 2
- Eelgrass = 3
- Eelgrass = 1
- Eelgrass = 2
- Eelgrass = 3





Map 2 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

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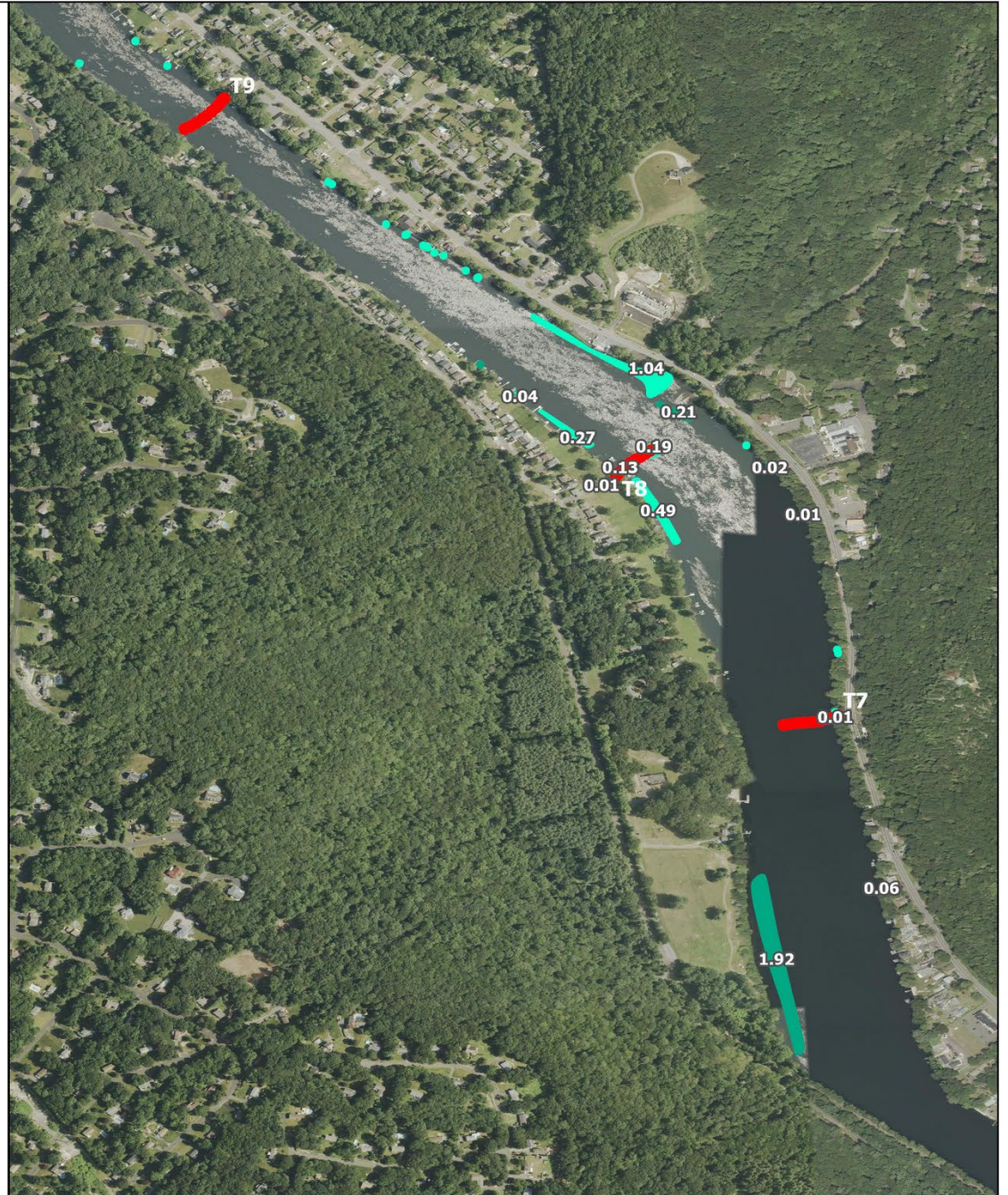
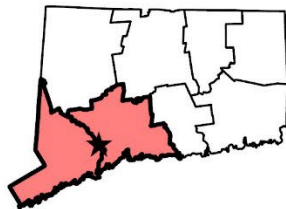
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass = 2
- Eelgrass = 3
- Eelgrass = 1
- Eelgrass = 2
- Eelgrass = 3



Map 3 of 4

Lake Housatonic

Derby, Monroe, Oxford,
Seymour, and Shelton

347 acres

Surveyed on June 25-27, 2025
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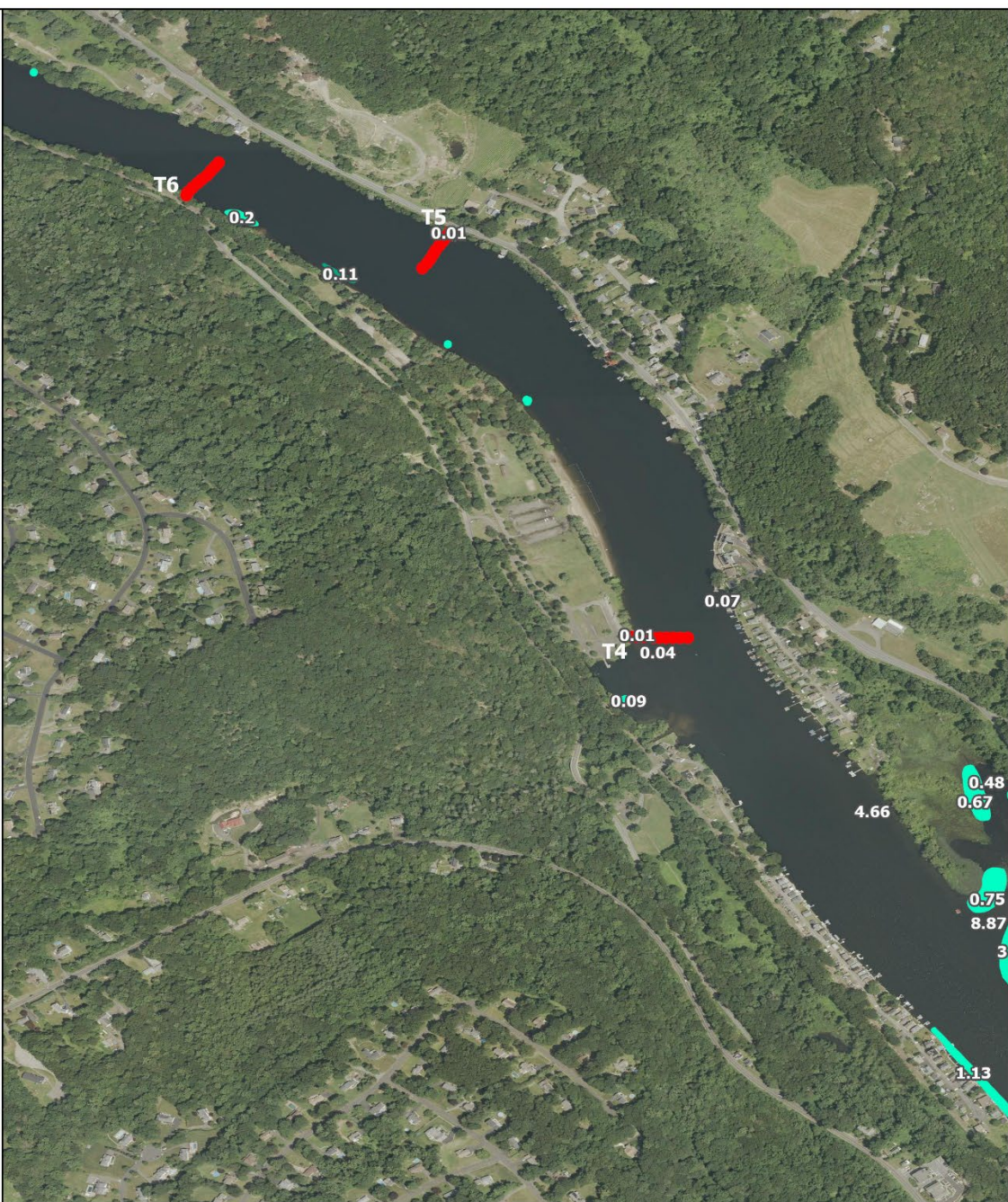



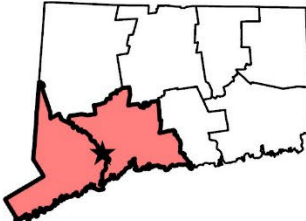
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass = 2
- Eelgrass = 3
- Eelgrass = 1
- Eelgrass = 2
- Eelgrass = 3



Map 4 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on June 25-27, 2025
By Greg Bugbee, Summer Weidman, Riley Doherty,
Madison Manke, and Abraham Haxhi

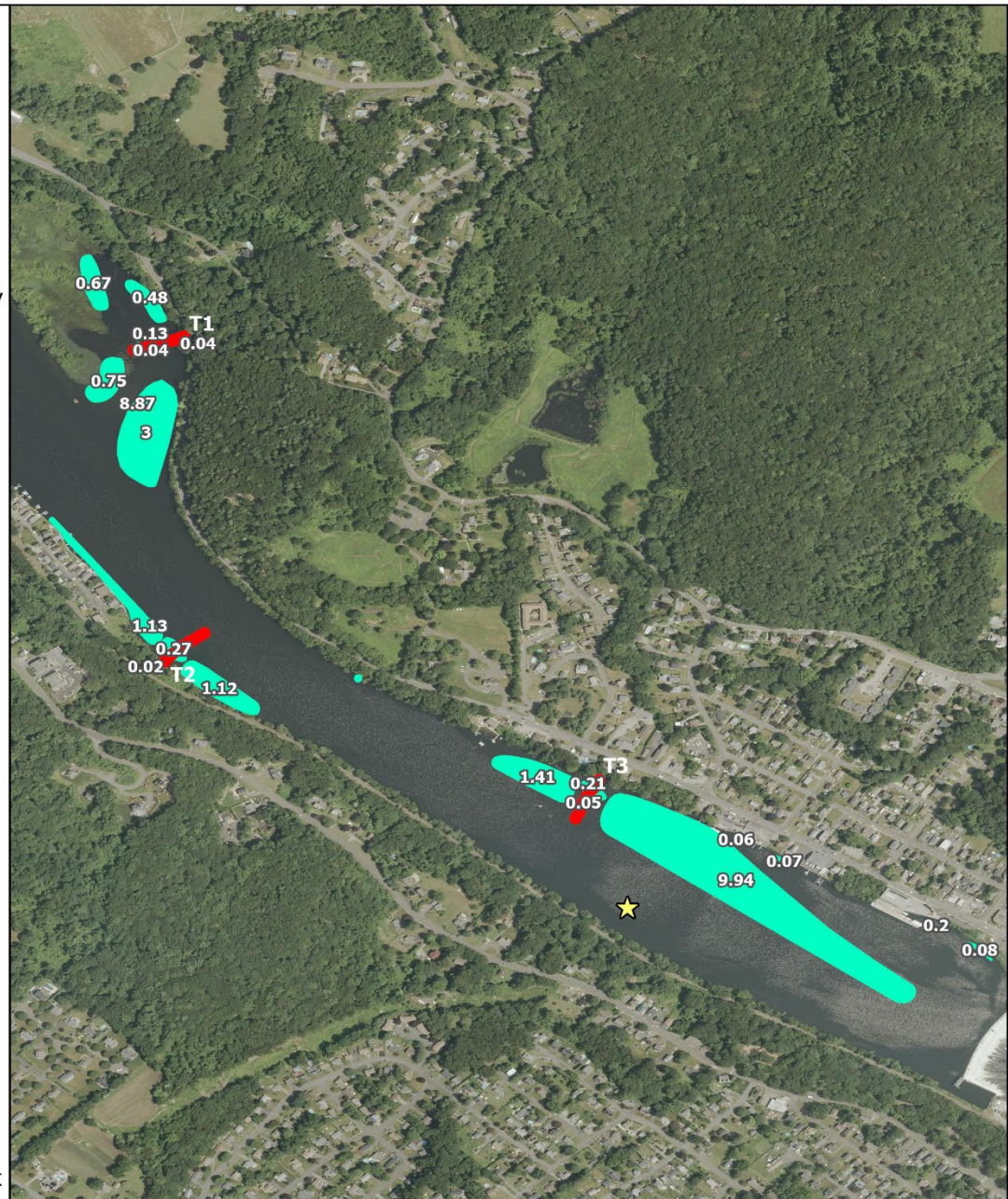
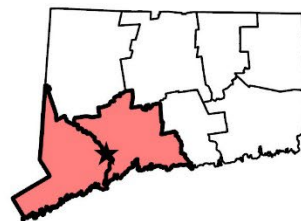
Legend

- ★ Water Data
- Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass = 2
- Eelgrass = 3
- Eelgrass = 1
- Eelgrass = 2
- Eelgrass = 3



2025 Survey Posttreatment Maps

Lake Housatonic

Derby, Monroe, Oxford, Seymour,
and Shelton
347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

Legend

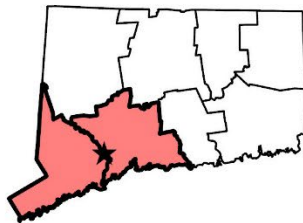
● Transect Point

Invasive Points and Patches

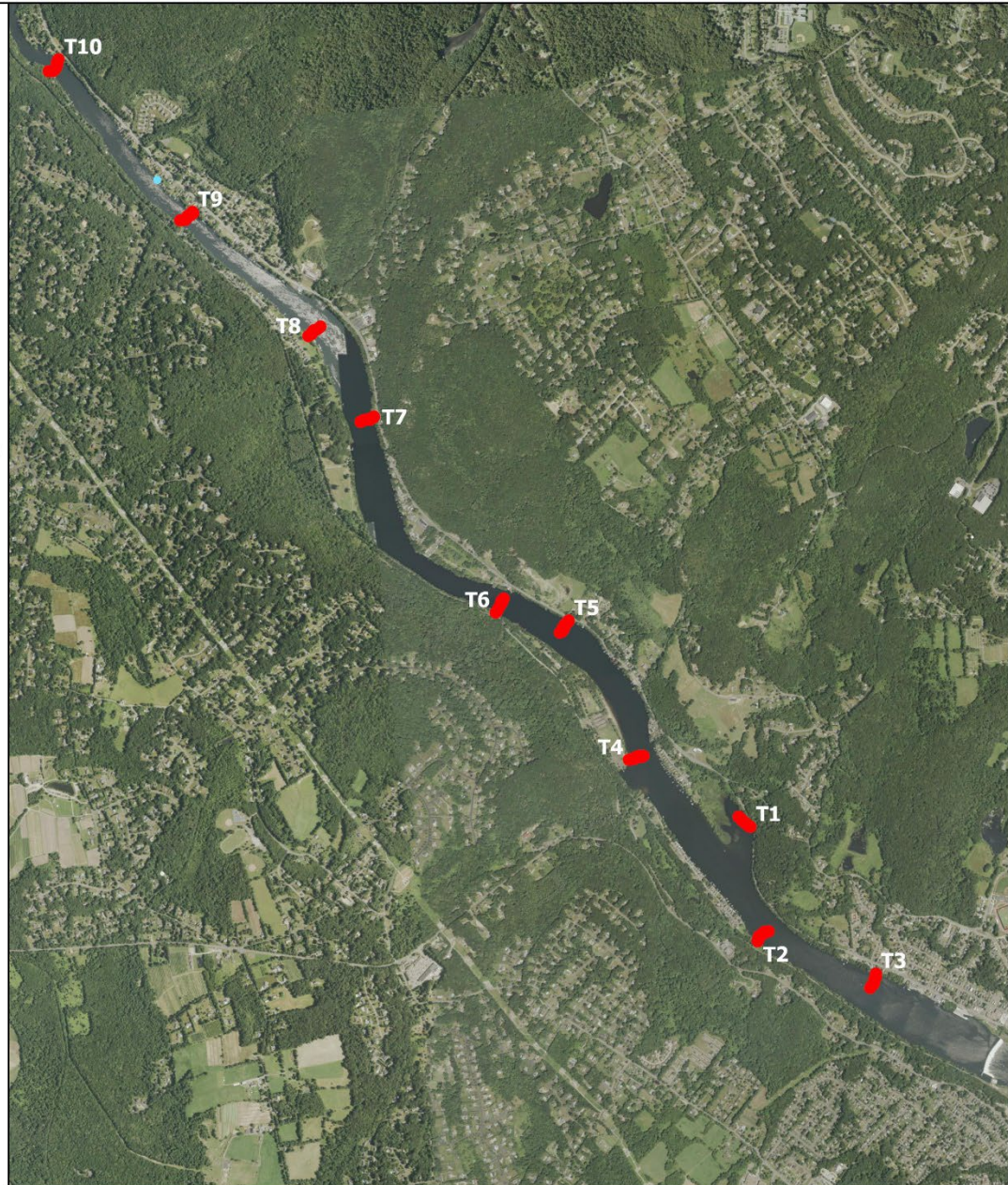
Relative Abundance Scale: 1 (sparse) - 5 (dense)

● Curlyleaf pondweed = 2

■ Curlyleaf pondweed = 1



0 2,000 4,000 8,000 Feet



Map 1 of 4
Lake Housatonic
Derby, Monroe, Oxford, Seymour,
and Shelton
347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

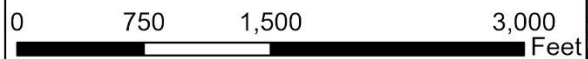
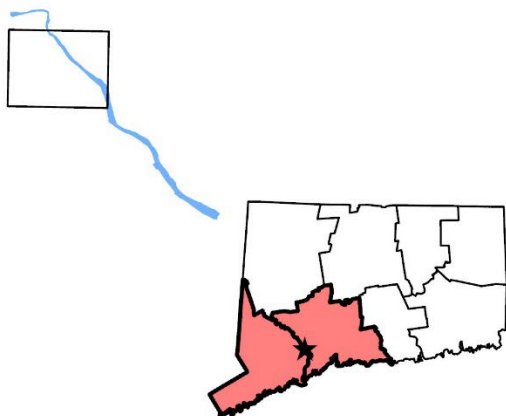
Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

● Curlyleaf pondweed = 2



Map 2 of 4
Lake Housatonic
Derby, Monroe, Oxford, Seymour,
and Shelton
347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

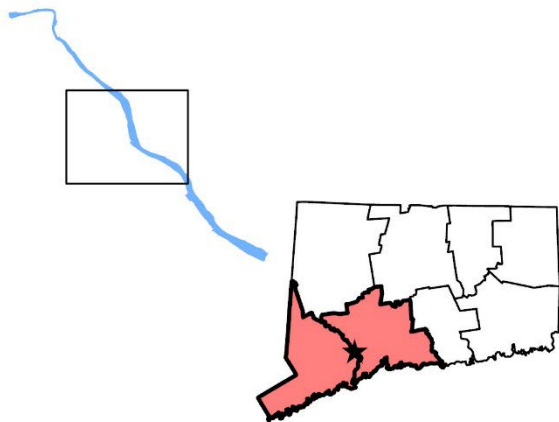
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● Transect Point

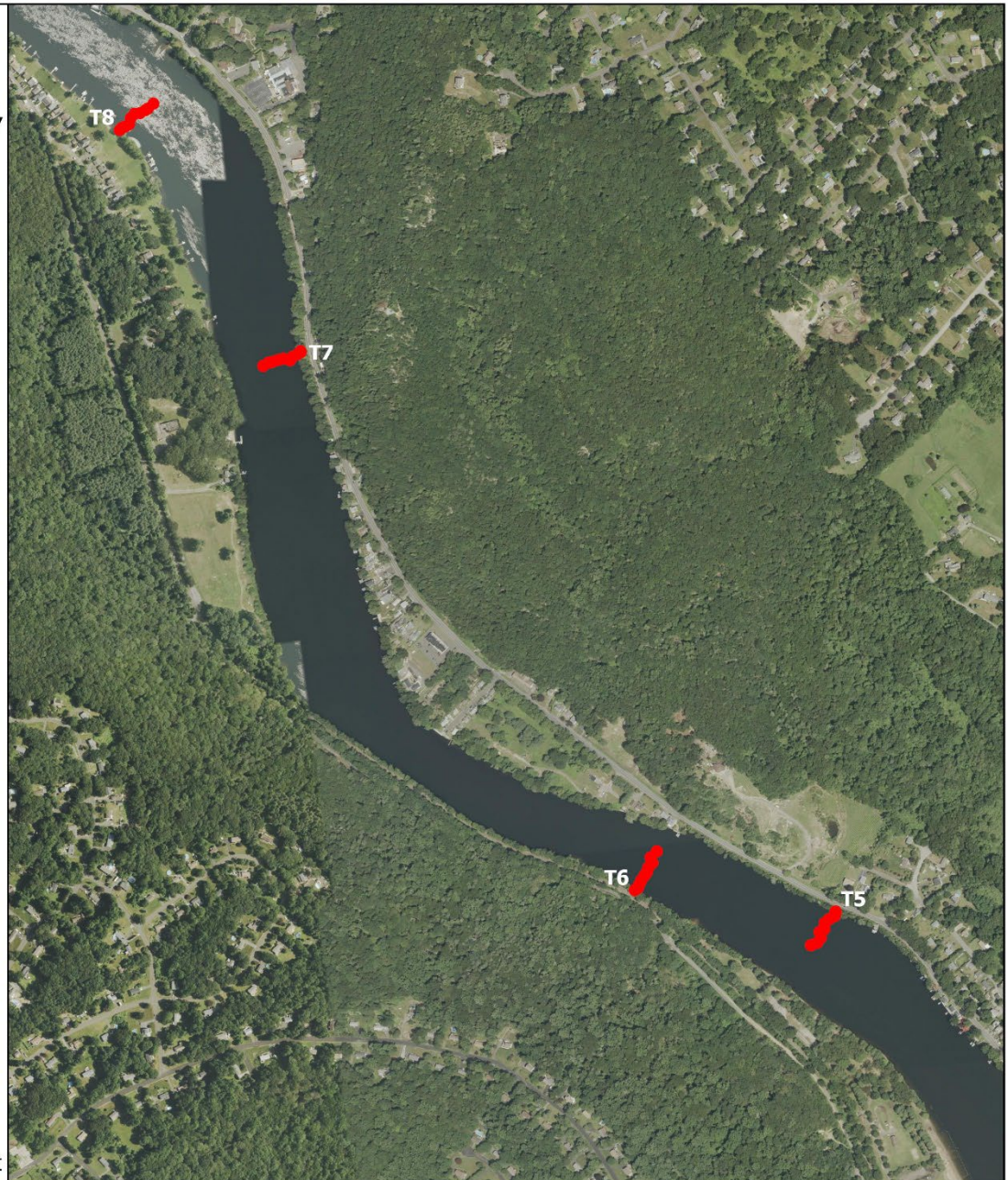
Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

● Curlyleaf pondweed = 2



0 750 1,500 3,000
Feet



Map 3 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

Legend

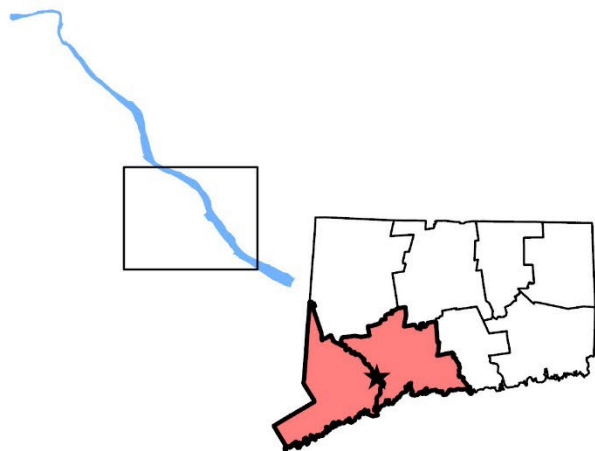
● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

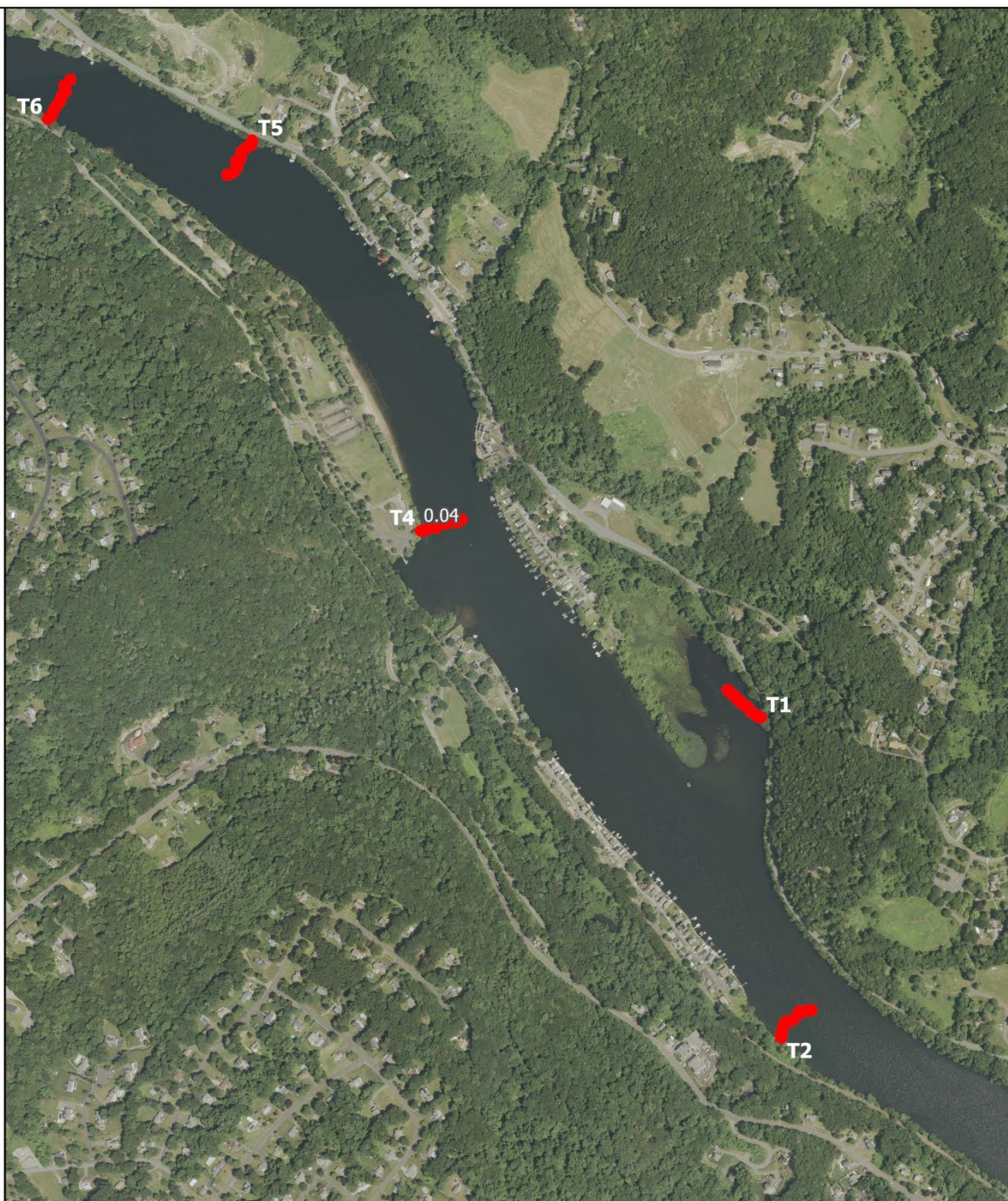
● Curlyleaf pondweed = 2

■ Curlyleaf pondweed = 1



OAIS

Office of Aquatic Invasive Species
Connecticut Agricultural Experiment Station



**Map 4 of 4
Lake Housatonic
Derby, Monroe, Oxford, Seymour,
and Shelton
347 acres**

Surveyed on September 3-5, 2025
By Greg Bugbee

Legend

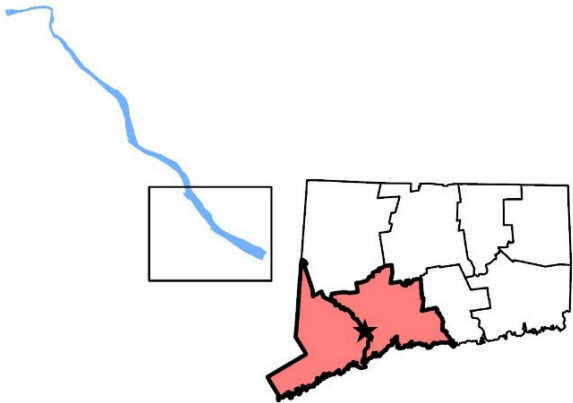
● Transect Point

Invasive Points and Patches

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■ Curlyleaf pondweed = 1



 **OAIS**
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Connecticut Agricultural Experiment Station



0 750 1,500 3,000
Feet



Lake Housatonic

Derby, Monroe, Oxford, Seymour,
and Shelton

347 acres

Surveyed on September 3-5, 2025

By Greg Bugbee

Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

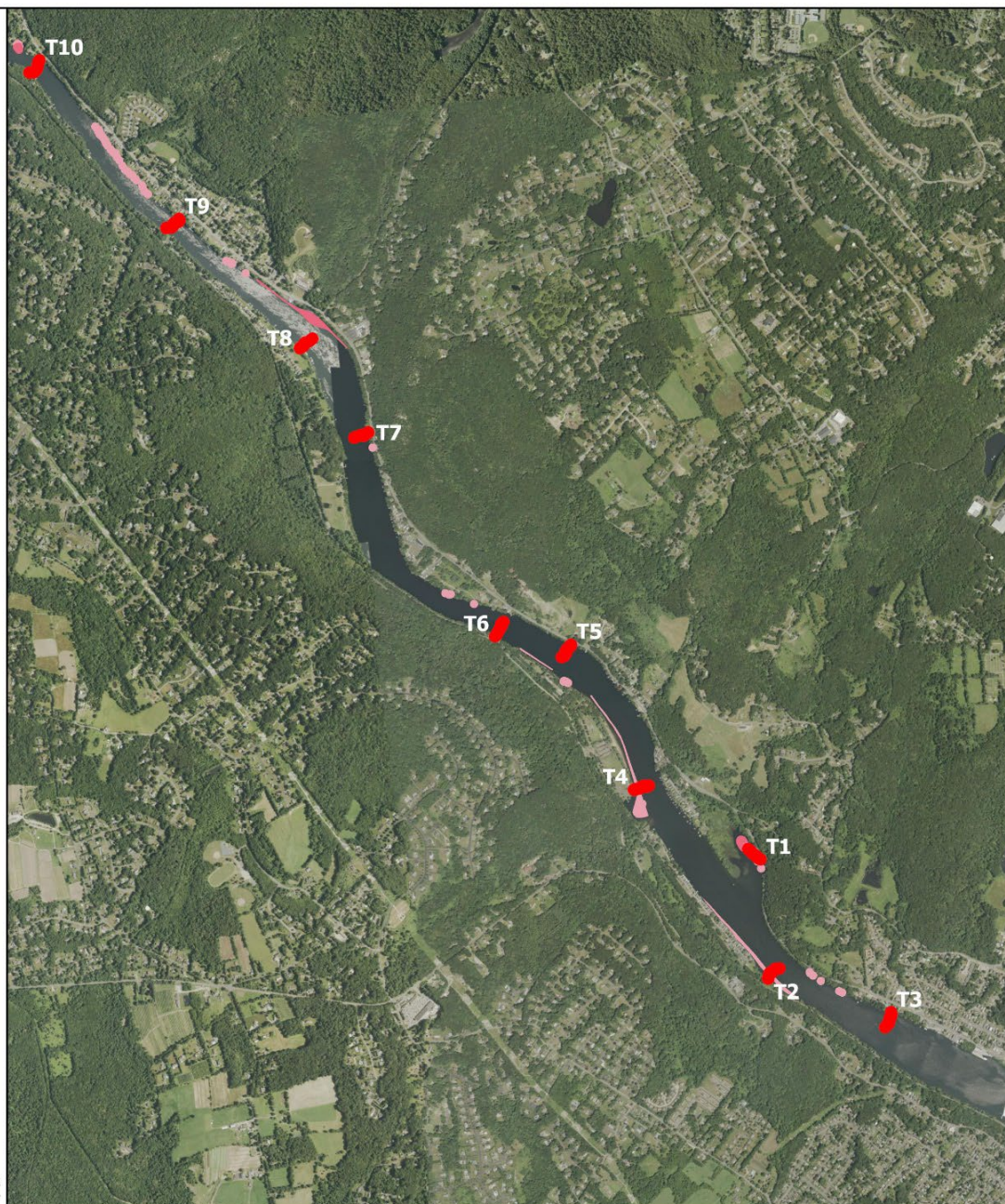
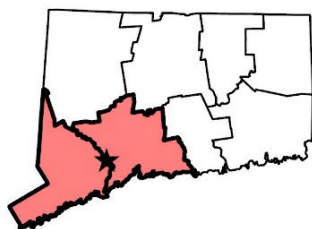
● Eurasian watermilfoil=2

● Eurasian watermilfoil=3

■ Eurasian watermilfoil=1

■ Eurasian watermilfoil=2

■ Eurasian watermilfoil=3



Map 1 of 4
Lake Housatonic
Derby, Monroe, Oxford, Seymour,
and Shelton
347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

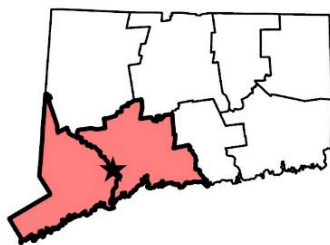
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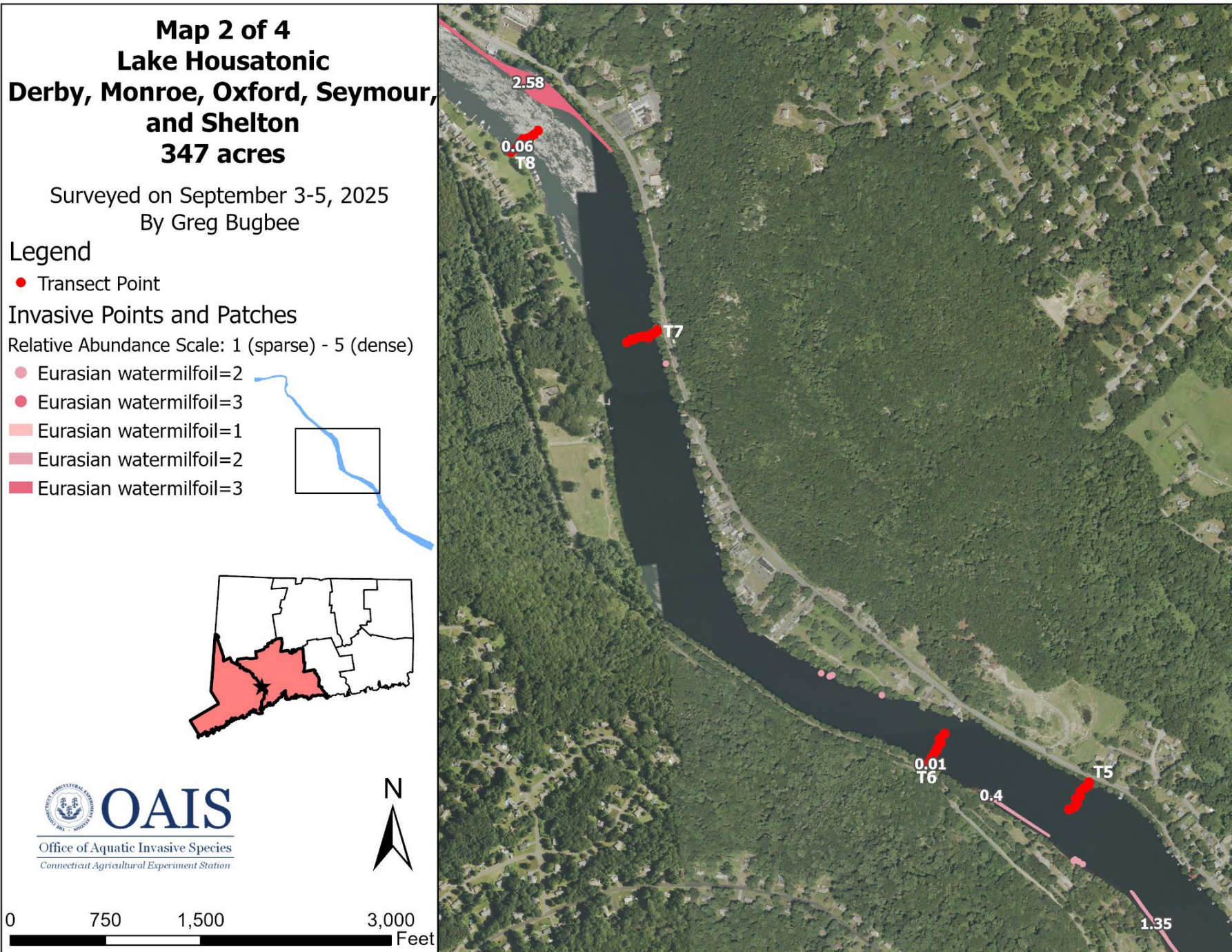
● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil=2
- Eurasian watermilfoil=3
- Eurasian watermilfoil=1
- Eurasian watermilfoil=2
- Eurasian watermilfoil=3





Map 3 of 4
Lake Housatonic
Derby, Monroe, Oxford, Seymour,
and Shelton
347 acres

Surveyed on September 3-5, 2025
 By Greg Bugbee

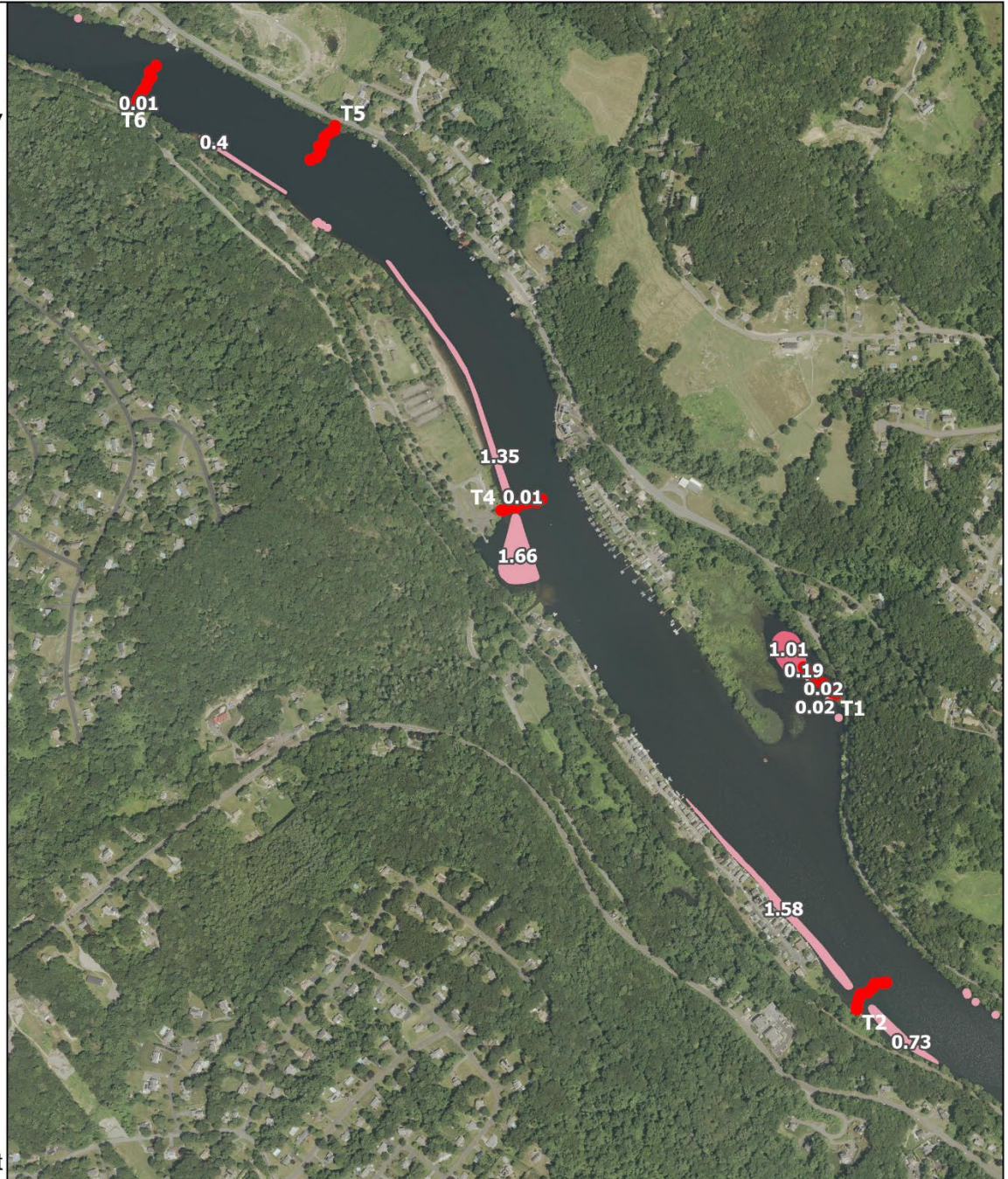
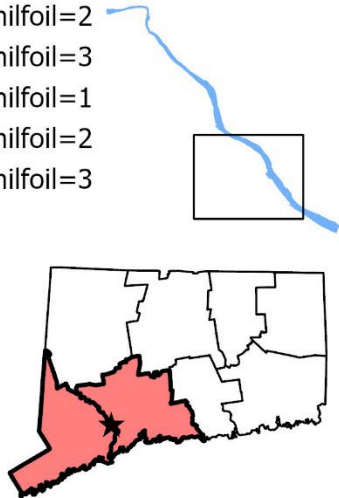
Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil=2
- Eurasian watermilfoil=3
- Eurasian watermilfoil=1
- Eurasian watermilfoil=2
- Eurasian watermilfoil=3



Map 4 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

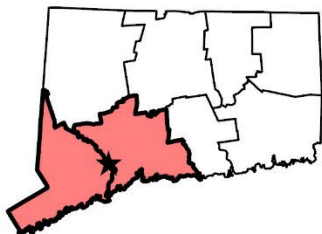
Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eurasian watermilfoil=2
- Eurasian watermilfoil=3
- Eurasian watermilfoil=1
- Eurasian watermilfoil=2
- Eurasian watermilfoil=3



Lake Housatonic

Derby, Monroe, Oxford, Seymour,
and Shelton

347 acres

Surveyed on September 3-5, 2025

By Greg Bugbee

Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

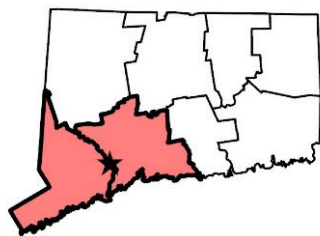
● Eelgrass=2

● Eelgrass=3

■ Eelgrass=2

■ Eelgrass=3

■ Eelgrass=4



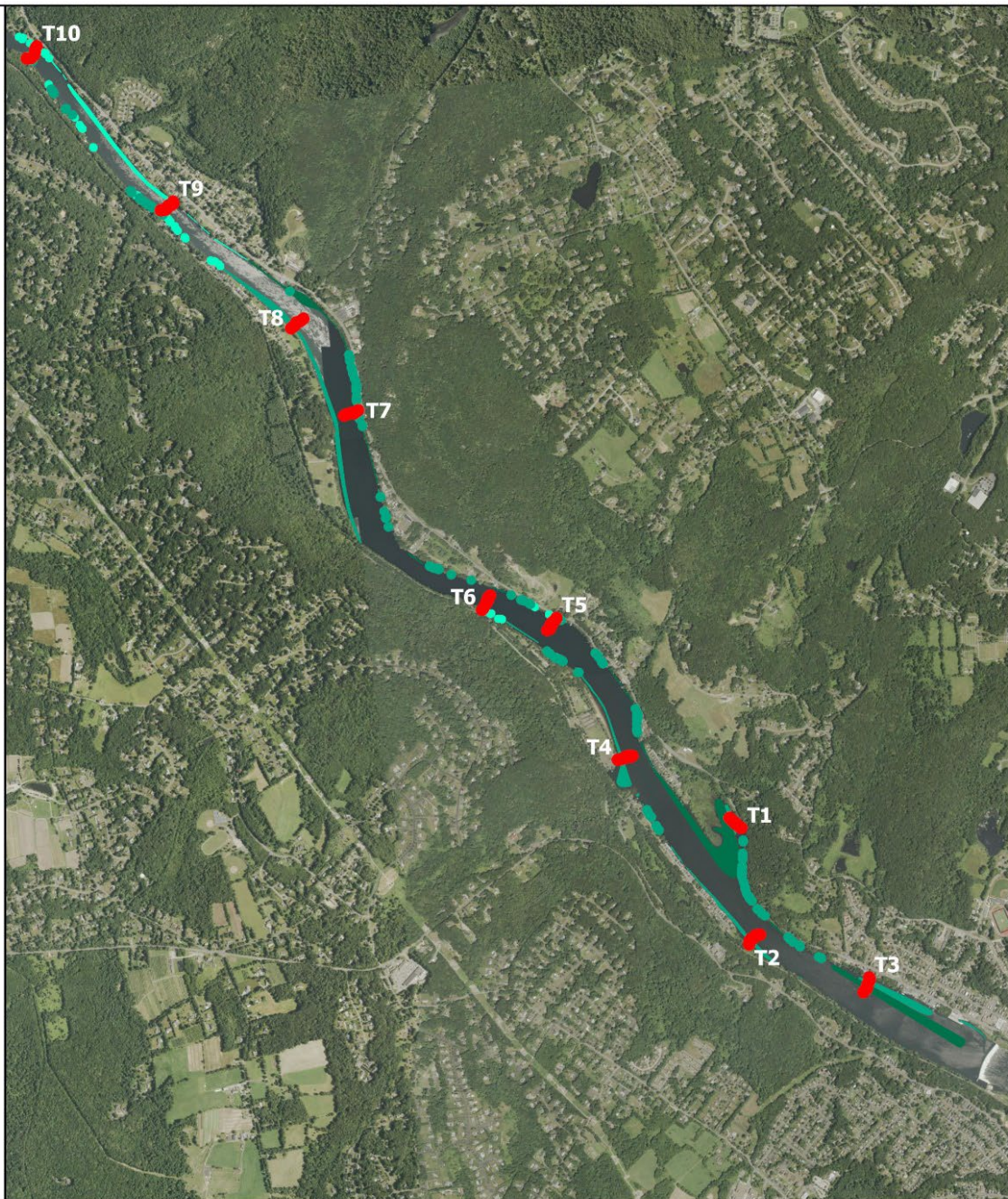
OAIS

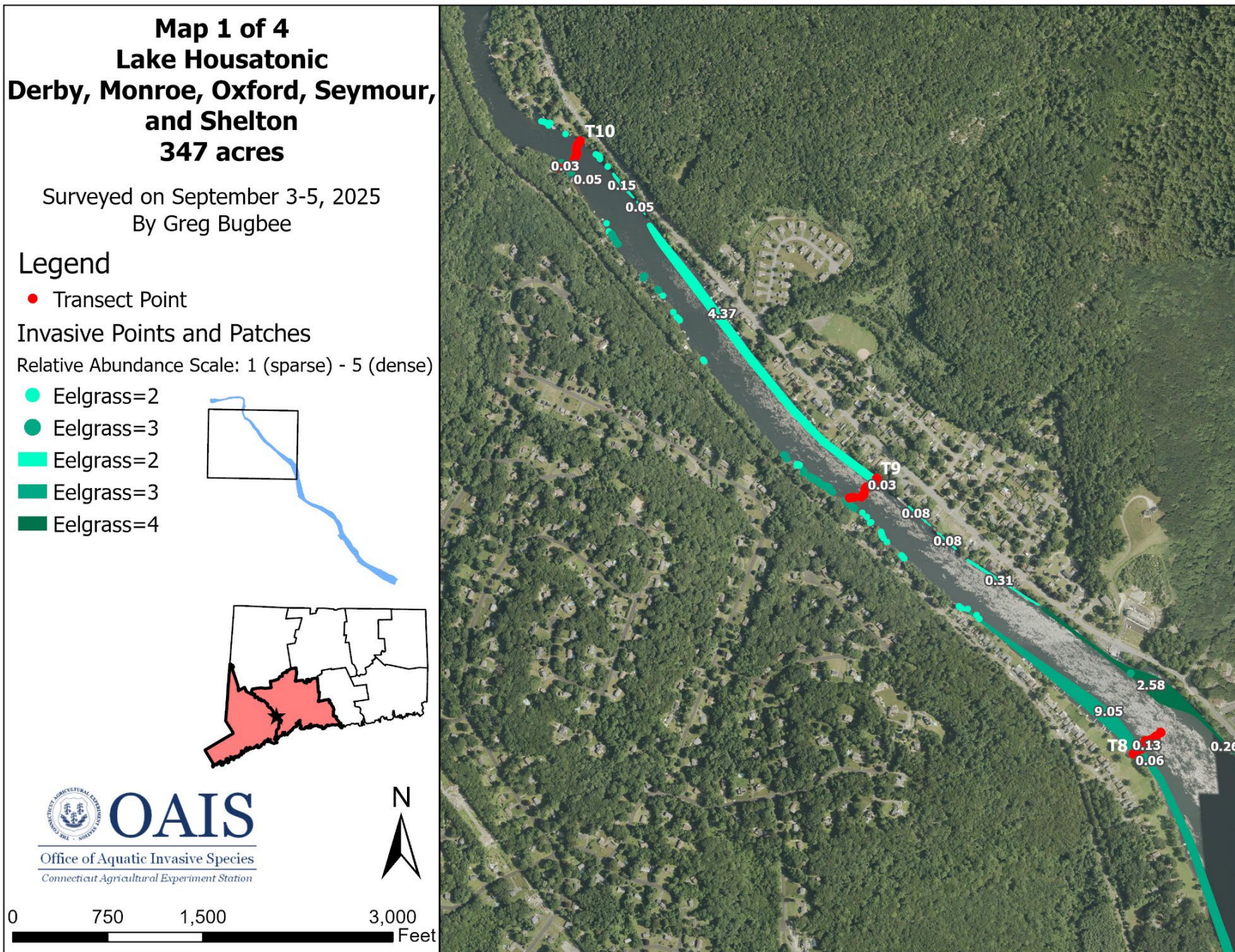
Office of Aquatic Invasive Species

Connecticut Agricultural Experiment Station



0 2,000 4,000 8,000 Feet





Map 2 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

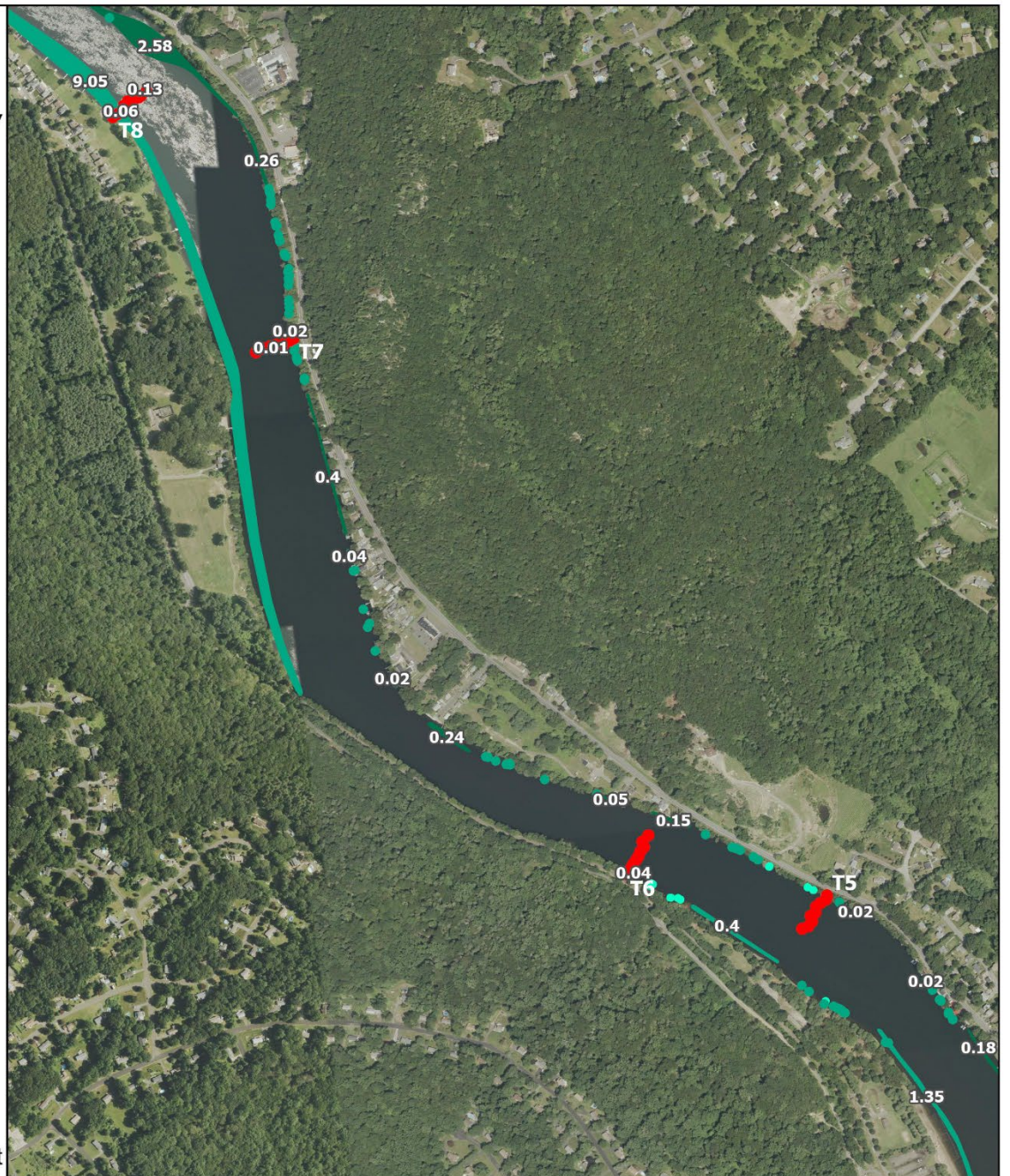
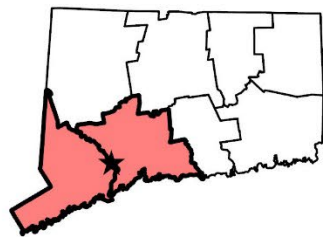
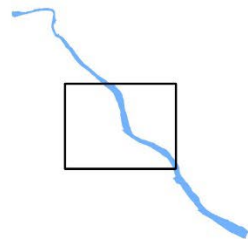
Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass=2
- Eelgrass=3
- Eelgrass=2
- Eelgrass=3
- Eelgrass=4



Map 3 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

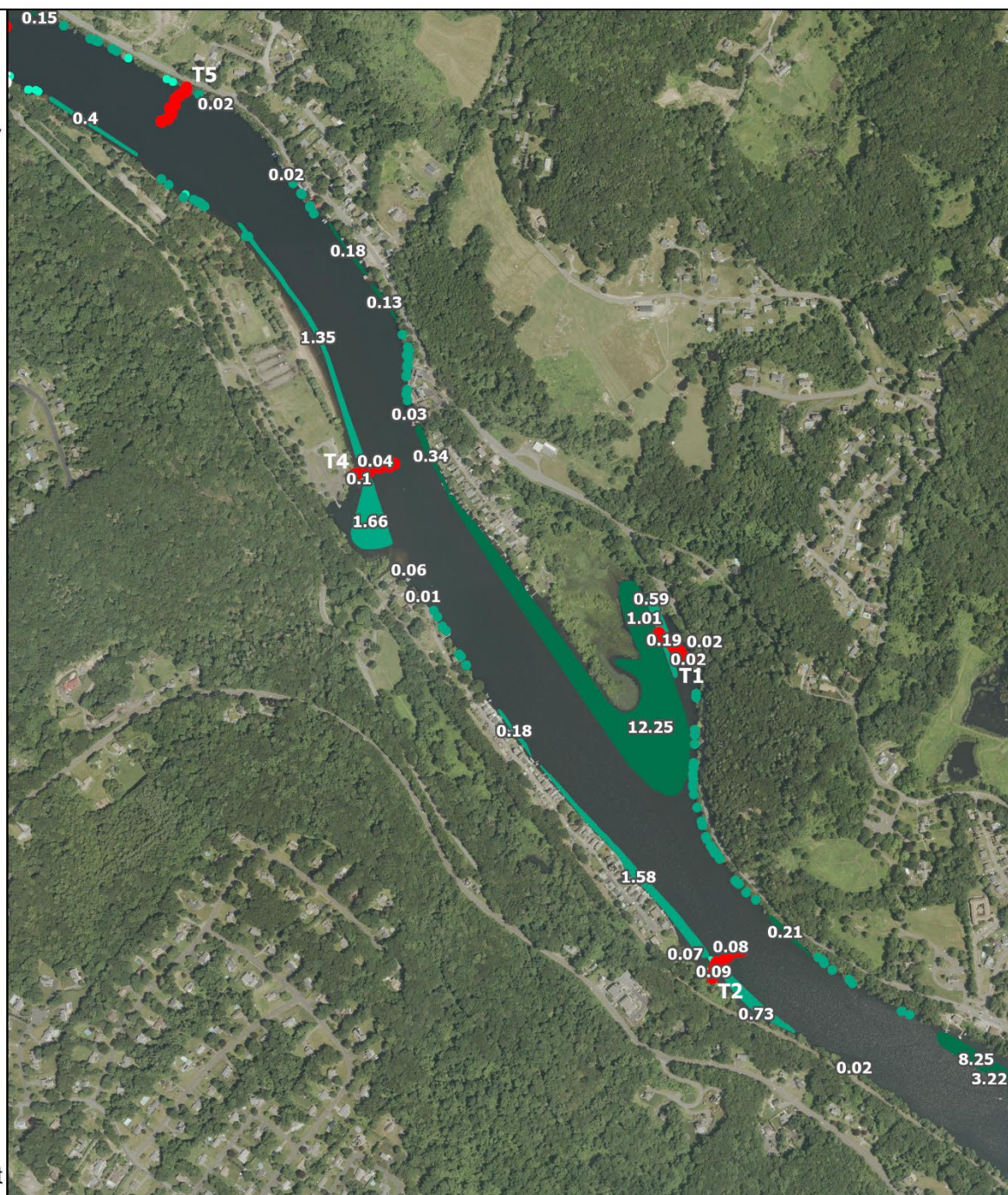
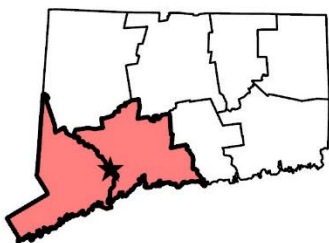
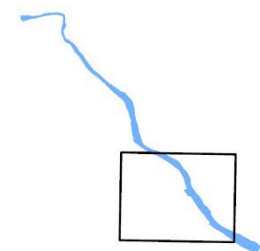
Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass=2
- Eelgrass=3
- Eelgrass=2
- Eelgrass=3
- Eelgrass=4



Map 4 of 4 Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

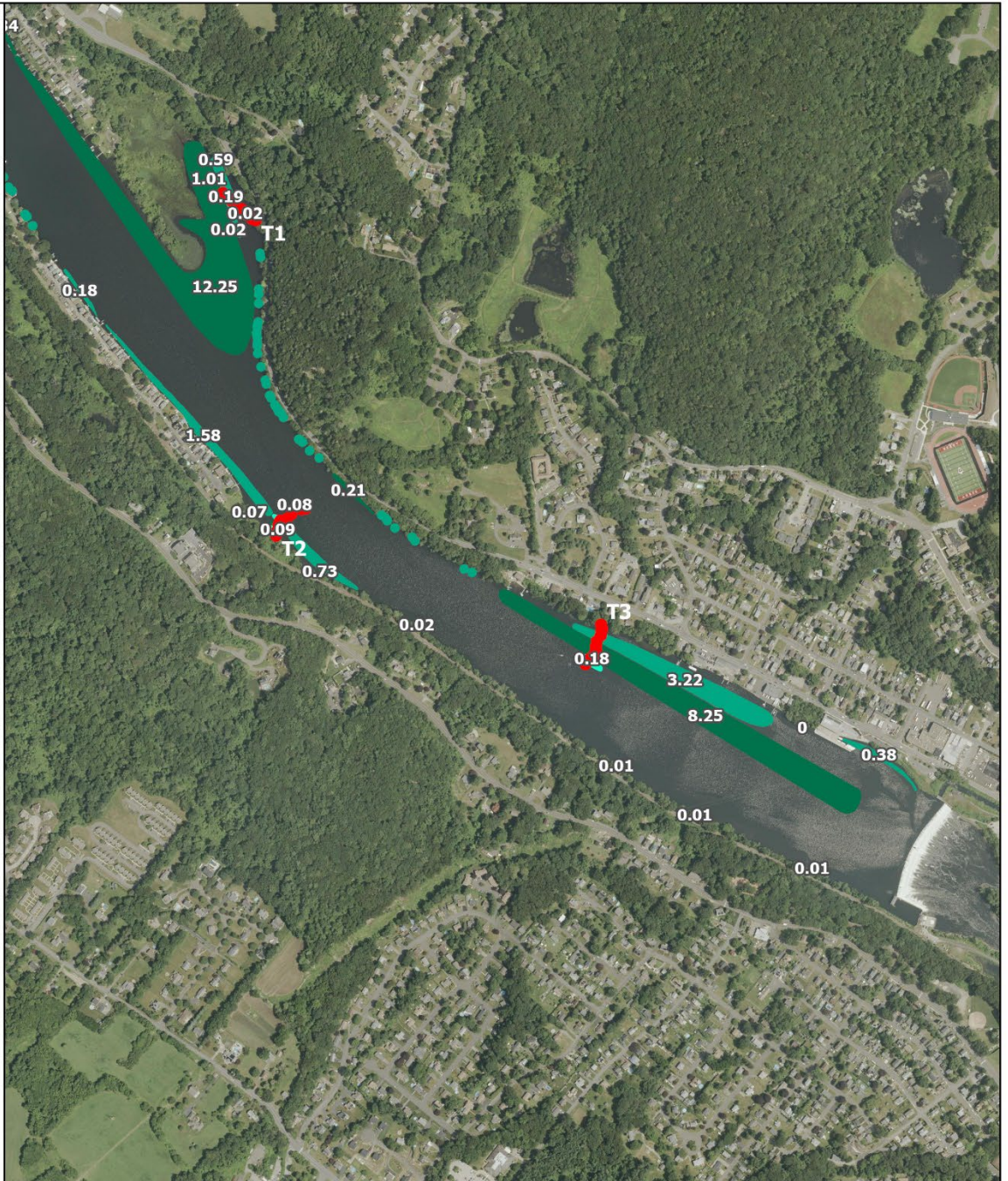
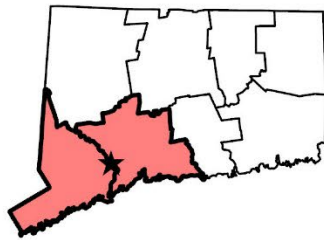
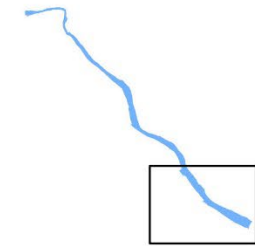
Legend

● Transect Point

Invasive Points and Patches

Relative Abundance Scale: 1 (sparse) - 5 (dense)

- Eelgrass=2
- Eelgrass=3
- Eelgrass=2
- Eelgrass=3
- Eelgrass=4



Lake Housatonic Derby, Monroe, Oxford, Seymour, and Shelton 347 acres

Surveyed on September 3-5, 2025
By Greg Bugbee

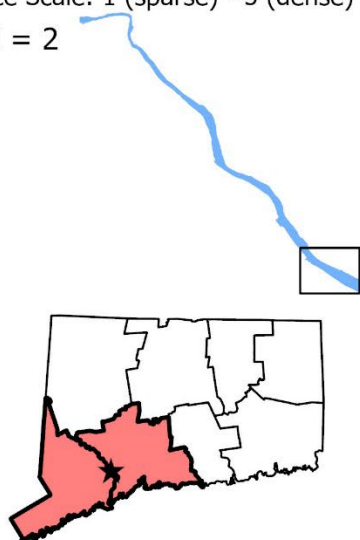
Legend

● Transect Point

Invasive Patch

Relative Abundance Scale: 1 (sparse) - 5 (dense)

■ Minor naiad = 2



Plant Descriptions

Myriophyllum spicatum

Common name:
Eurasian watermilfoil

Origin:
Europe and Asia

Key features:
Plants are submersed

Stems: Stem diameter below the inflorescence is greater with reddish stem tips

Leaves: Leaves are rectangular with ≥ 12 pairs of leaflets per leaf and are dissected giving a feathery appearance, arranged in a whorl, whorls are 1 inch (2.5 cm) apart

Flowers: Small pinkish male flowers that occur on reddish spikes, female flowers lack petals and sepals and have 4 lobed pistil

Fruits/Seeds: Fruit are round 0.08-0.12 inches (2-3 mm) and contain 4 seeds

Reproduction: Fragmentation and seeds

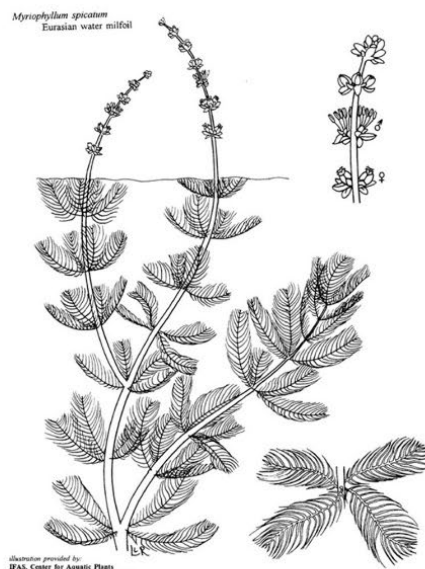
Easily confused species:

Variable-leaf watermilfoil: *Myriophyllum heterophyllum*

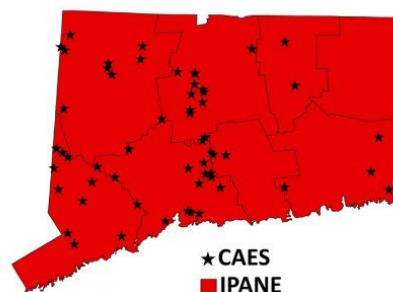
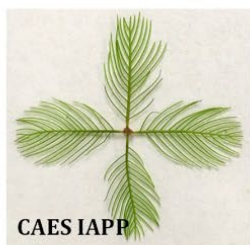
Low watermilfoil: *Myriophyllum humile*

Northern watermilfoil: *Myriophyllum sibiricum*

Whorled watermilfoil: *Myriophyllum verticillatum*



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Center for Aquatic and Invasive Plants



Najas minor

Common names:

Minor naiad
Brittle waternymph
Spiny leaf naiad
Eutrophic waternymph

Origin:

Europe

Key features:

Plants are submersed

Stems: Branched stems can grow up to 4-8 inches (10-20 cm) long

Leaves: Opposite and lance shaped on branched stems with easily visible toothed leaf edges and leaves appear curled under, basal lobes of leaf are also serrated, 0.01-0.02 inches (0.3-0.5 mm)

Flowers: Monoecious (male and female flowers on same plant)

Fruits/Seeds: Fruits are purple-tinged and seeds measure 0.03-0.06 inches (1.5-3 mm)

Reproduction: Seeds and fragmentation

Easily confused species:

Other naiads (native): *Najas* spp.



Potamogeton crispus

Common names:

Curly leaf pondweed
 Crispy-leaved pondweed
 Crisped pondweed

Origin:

Asia, Africa, and Europe

Key features:

Plants are submersed

Stems: Stems are flattened, can form dense stands in water up to 15 feet (5 m) deep

Leaves: Alternate leaves 0.3-1 inches (3-8 cm) wide with wavy edges (similar to lasagna) with a prominent mid-vein

Flowers: Brown and inconspicuous

Fruits/Seeds: Fruit is oval 0.1 inches (3 mm) long

Reproduction: Turions (right) and seeds

Easily confused species:

None



Vallisneria americana

Common names:

Eelgrass
Tapegrass
Wild celery

Origin:

Native to Connecticut

Key features:

Plants are submersed

Stems:

Leaves: Leaves basal, long and ribbon-like, broad lacunae band

Flowers: Pistillate flowers solitary, sessile, enclosed in a tubular spathe, reaching surface by peduncle elongation

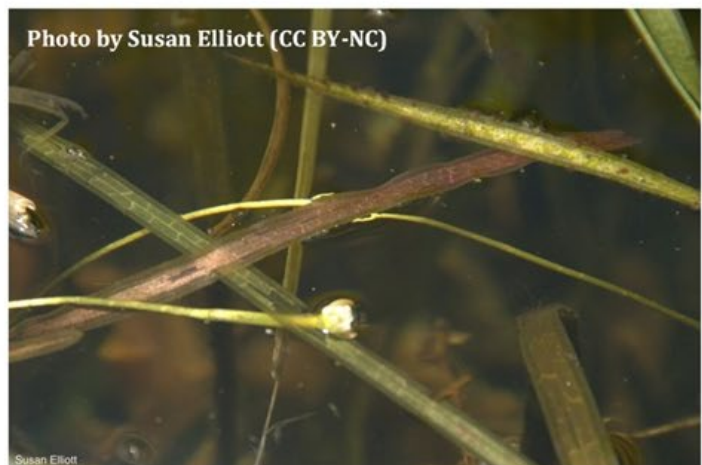
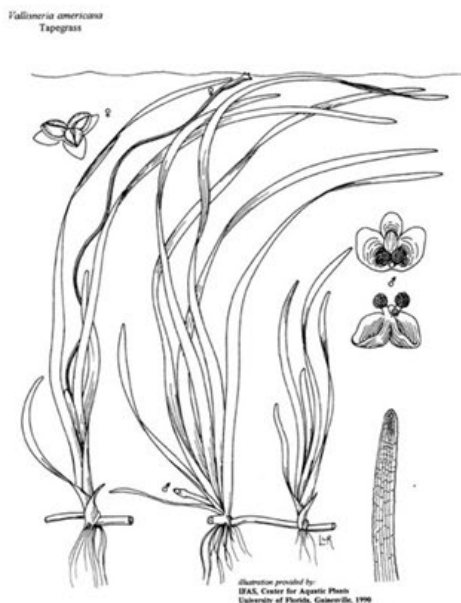
Reproduction: Asexually via runners or stolons and winter buds and sexually via seeds

Easily confused species:

Arrowheads (Native): *Sagittaria* species

Pickeralweed (Native): *Pontederia cordata*

Bur-reeds (Native): *Sparganium* species



Sources:

Crow, G.E. and C.B. Hellquist. 2000. Aquatic and wetland plants of northeastern North America. Vol 2. Angiosperms: Monocotyledons. The University of Wisconsin Press, Madison, Wisconsin.

Tootoonchi M, Gettys L.A., and Bhadha J.H. 2019. Tapegrass, eelgrass, or wild celery (*Vallisneria americana* Michaux): a native aquatic and wetland plant. University of Florida's Institute of Food and Agricultural Sciences. Retrieved December 15, 2022. <https://edis.ifas.ufl.edu/publication/AG437>.

Invasive Aquatic Plant Location Data

Appendix Lake Housatonic Invasive Plant Location data (1 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
0	Point	PotCri		2	0-1	6/25/2025	41.34064	-73.12417	0.0002
1	Point	PotCri		2	0-1	6/25/2025	41.34061	-73.12419	0.0002
2	Point	PotCri		2	0-1	6/25/2025	41.34059	-73.12412	0.0002
3	Point	MyrSpi		2	0-1	6/25/2025	41.34065	-73.12413	0.0002
4	Point	MyrSpi		2	0-1	6/25/2025	41.33994	-73.12369	0.0002
5	Point	PotCri		2	0-1	6/25/2025	41.33993	-73.12369	0.0002
6	Point	MyrSpi		2	0-1	6/25/2025	41.33991	-73.12362	0.0002
7	Point	MyrSpi		2	0-1	6/25/2025	41.33989	-73.12357	0.0002
8	Point	MyrSpi		2	0-1	6/25/2025	41.33988	-73.12353	0.0002
9	Point	MyrSpi		2	0-1	6/25/2025	41.33992	-73.12344	0.0002
10	Point	PotCri		2	0-1	6/25/2025	41.33994	-73.12345	0.0002
11	Point	PotCri		2	0-1	6/25/2025	41.34000	-73.12353	0.0002
12	Point	PotCri		2	0-1	6/25/2025	41.34011	-73.12355	0.0002
13	Point	MyrSpi		2	0-1	6/25/2025	41.34010	-73.12358	0.0002
14	Point	PotCri		2	0-1	6/25/2025	41.34019	-73.12363	0.0002
15	Point	MyrSpi		2	0-1	6/25/2025	41.34021	-73.12363	0.0002
16	Point	PotCri		2	0-1	6/25/2025	41.34057	-73.12363	0.0002
17	Point	MyrSpi		2	0-1	6/25/2025	41.34051	-73.12353	0.0002
18	Point	PotCri		2	0-1	6/25/2025	41.34049	-73.12352	0.0002
19	Point	PotCri		2	0-1	6/25/2025	41.34046	-73.12335	0.0002
20	Point	PotCri		2	0-1	6/25/2025	41.34051	-73.12332	0.0002
21	Point	PotCri		2	0-1	6/25/2025	41.34053	-73.12333	0.0002
22	Point	PotCri		2	0-1	6/25/2025	41.34061	-73.12335	0.0002
23	Point	PotCri		2	0-1	6/25/2025	41.34093	-73.12336	0.0002
24	Point	PotCri		2	0-1	6/25/2025	41.34101	-73.12333	0.0002
25	Point	MyrSpi		2	0-1	6/25/2025	41.34000	-73.12295	0.0002
26	Point	MyrSpi		2	1-3	6/25/2025	41.33933	-73.12250	0.0002
27	Point	MyrSpi		2	1-3	6/25/2025	41.33939	-73.12252	0.0002
28	Point	MyrSpi		2	1-3	6/25/2025	41.33941	-73.12243	0.0002
29	Point	PotCri		2	0-1	6/25/2025	41.33899	-73.12231	0.0002
30	Point	PotCri		2	0-1	6/25/2025	41.33900	-73.12232	0.0002
31	Point	PotCri		2	0-1	6/25/2025	41.33901	-73.12233	0.0002
32	Point	PotCri		2	1-3	6/25/2025	41.33878	-73.12213	0.0002
33	Point	PotCri		2	1-3	6/25/2025	41.33865	-73.12205	0.0002
34	Point	PotCri		2	1-3	6/25/2025	41.33860	-73.12200	0.0002
35	Point	PotCri		2	1-3	6/25/2025	41.33850	-73.12194	0.0002
36	Point	PotCri		2	1-3	6/25/2025	41.33832	-73.12182	0.0002
37	Point	PotCri		2	1-3	6/25/2025	41.33809	-73.12168	0.0002
38	Point	PotCri		2	1-3	6/25/2025	41.33807	-73.12163	0.0002
39	Point	PotCri		2	1-3	6/25/2025	41.33796	-73.12163	0.0002
40	Point	PotCri		2	1-3	6/25/2025	41.33783	-73.12147	0.0002
41	Point	PotCri		2	1-3	6/25/2025	41.33778	-73.12144	0.0002
42	Point	PotCri		2	0-1	6/25/2025	41.33666	-73.12064	0.0002
43	Point	PotCri		2	0-1	6/25/2025	41.33664	-73.12063	0.0002
44	Point	PotCri		2	1-3	6/25/2025	41.33662	-73.12062	0.0002
45	Point	PotCri		2	0-1	6/25/2025	41.33654	-73.12054	0.0002
46	Point	PotCri		2	0-1	6/25/2025	41.33644	-73.12051	0.0002
47	Point	PotCri		2	0-1	6/25/2025	41.33638	-73.12041	0.0002
48	Point	PotCri		2	0-1	6/25/2025	41.33634	-73.12039	0.0002
49	Point	PotCri		2	0-1	6/25/2025	41.33629	-73.12035	0.0002

Appendix Lake Housatonic Invasive Plant Location data (2 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
50	Point	PotCri		2	0-1	6/25/2025	41.33611	-73.12022	0.0002
51	Point	PotCri		2	0-1	6/25/2025	41.33605	-73.12015	0.0002
52	Point	PotCri		2	0-1	6/25/2025	41.33579	-73.11989	0.0002
53	Point	PotCri		2	1-3	6/25/2025	41.33576	-73.11987	0.0002
54	Point	PotCri		2	1-3	6/25/2025	41.33574	-73.11985	0.0002
55	Point	PotCri		1	1-3	6/25/2025	41.33535	-73.11946	0.0002
56	Point	PotCri		3	1-3	6/25/2025	41.33524	-73.11933	0.0002
57	Point	PotCri		3	1-3	6/25/2025	41.33517	-73.11926	0.0002
58	Point	PotCri		3	0-1	6/25/2025	41.33466	-73.11877	0.0002
59	Point	PotCri		2	0-1	6/25/2025	41.33468	-73.11878	0.0002
60	Point	PotCri		3	0-1	6/25/2025	41.33462	-73.11874	0.0002
61	Point	PotCri		3	0-1	6/25/2025	41.33463	-73.11874	0.0002
62	Point	PotCri		3	0-1	6/25/2025	41.33443	-73.11854	0.0002
63	Point	PotCri		3	0-1	6/25/2025	41.33442	-73.11851	0.0002
64	Point	PotCri		3	0-1	6/25/2025	41.33440	-73.11848	0.0002
65	Point	MyrSpi		3	0-1	6/25/2025	41.33096	-73.11480	0.0002
66	Point	PotCri		3	0-1	6/25/2025	41.33099	-73.11481	0.0002
67	Point	PotCri		2	0-1	6/25/2025	41.32787	-73.10467	0.0002
68	Point	PotCri		2	1-3	6/25/2025	41.32811	-73.10513	0.0002
69	Point	PotCri		3	1-3	6/25/2025	41.32825	-73.10534	0.0002
70	Point	PotCri		3	1-3	6/25/2025	41.32822	-73.10539	0.0002
71	Point	PotCri		3	1-3	6/25/2025	41.32827	-73.10537	0.0002
72	Point	PotCri		3	1-3	6/25/2025	41.32826	-73.10541	0.0002
73	Point	PotCri		2	0-1	6/25/2025	41.33081	-73.11137	0.0002
74	Point	PotCri		2	0-1	6/25/2025	41.33098	-73.11180	0.0002
75	Point	ValAme		2	1-3	6/25/2025	41.33164	-73.11317	0.0002
76	Point	MyrSpi		2	0-1	6/25/2025	41.33195	-73.11364	0.0002
77	Point	MyrSpi		2	0-1	6/25/2025	41.33206	-73.11379	0.0002
78	Point	MyrSpi		2	0-1	6/25/2025	41.33205	-73.11382	0.0002
79	Point	MyrSpi		2	0-1	6/25/2025	41.33209	-73.11383	0.0002
80	Point	MyrSpi		2	0-1	6/25/2025	41.33217	-73.11398	0.0002
81	Point	MyrSpi		2	0-1	6/25/2025	41.33217	-73.11395	0.0002
82	Point	MyrSpi		2	0-1	6/25/2025	41.33216	-73.11393	0.0002
83	Point	PotCri		3	0-1	6/25/2025	41.34045	-73.12131	0.0002
84	Point	PotCri		3	0-1	6/25/2025	41.34045	-73.12131	0.0002
85	Point	PotCri		3	0-1	6/25/2025	41.34071	-73.12148	0.0002
86	Point	PotCri		3	0-1	6/25/2025	41.34071	-73.12146	0.0002
87	Point	PotCri		2	1-3	6/25/2025	41.34059	-73.12139	0.0002
88	Point	PotCri		3	1-3	6/25/2025	41.34078	-73.12154	0.0002
89	Point	PotCri		2	0-1	6/25/2025	41.34094	-73.12157	0.0002
90	Point	PotCri		2	1-3	6/25/2025	41.34090	-73.12163	0.0002
91	Point	PotCri		3	0-1	6/25/2025	41.34109	-73.12169	0.0002
92	Point	PotCri		3	0-1	6/25/2025	41.34113	-73.12169	0.0002
93	Point	PotCri		3	0-1	6/25/2025	41.34121	-73.12175	0.0002
94	Point	PotCri		3	1-3	6/25/2025	41.34121	-73.12175	0.0002
95	Point	PotCri		3	1-3	6/25/2025	41.34122	-73.12178	0.0002
96	Point	PotCri		3	1-3	6/25/2025	41.34133	-73.12183	0.0002
97	Point	PotCri		3	1-3	6/25/2025	41.34134	-73.12185	0.0002
98	Point	PotCri		3	1-3	6/25/2025	41.34140	-73.12187	0.0002
99	Point	PotCri		2	1-3	6/25/2025	41.34148	-73.12201	0.0002

Appendix Lake Housatonic Invasive Plant Location data (3 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
100	Point	PotCri		2	1-3	6/25/2025	41.34164	-73.12198	0.0002
101	Point	PotCri		2	1-3	6/25/2025	41.34310	-73.12217	0.0002
102	Point	PotCri		2	0-1	6/25/2025	41.34366	-73.12230	0.0002
103	Point	PotCri		1	0-1	6/25/2025	41.34363	-73.12227	0.0002
104	Point	PotCri		2	0-1	6/25/2025	41.34386	-73.12237	0.0002
105	Point	PotCri		2	0-1	6/25/2025	41.34387	-73.12237	0.0002
106	Point	PotCri		2	0-1	6/25/2025	41.34434	-73.12274	0.0002
107	Point	MyrSpi		2	0-1	6/25/2025	41.34435	-73.12274	0.0002
108	Point	PotCri		2	0-1	6/25/2025	41.34466	-73.12296	0.0002
109	Point	PotCri		2	0-1	6/25/2025	41.34463	-73.12296	0.0002
110	Point	MyrSpi		2	0-1	6/25/2025	41.34462	-73.12297	0.0002
111	Point	PotCri		2	0-1	6/25/2025	41.34461	-73.12293	0.0002
112	Point	PotCri		3	0-1	6/25/2025	41.34470	-73.12299	0.0002
113	Point	PotCri		3	0-1	6/25/2025	41.34492	-73.12314	0.0002
114	Point	PotCri		3	0-1	6/25/2025	41.34498	-73.12318	0.0002
115	Point	PotCri		3	0-1	6/25/2025	41.34495	-73.12319	0.0002
116	Point	PotCri		3	0-1	6/25/2025	41.34502	-73.12321	0.0002
117	Point	PotCri		3	0-1	6/25/2025	41.34511	-73.12332	0.0002
118	Point	PotCri		1	0-1	6/25/2025	41.34510	-73.12332	0.0002
119	Point	PotCri		1	0-1	6/25/2025	41.34519	-73.12336	0.0002
120	Point	PotCri		3	0-1	6/25/2025	41.34527	-73.12351	0.0002
121	Point	PotCri		3	1-3	6/25/2025	41.34559	-73.12387	0.0002
122	Point	PotCri		2	1-3	6/25/2025	41.34573	-73.12401	0.0002
123	Point	PotCri		2	1-3	6/25/2025	41.34578	-73.12407	0.0002
124	Point	PotCri		1	1-3	6/25/2025	41.34578	-73.12406	0.0002
125	Point	PotCri		1	1-3	6/25/2025	41.34624	-73.12443	0.0002
126	Point	PotCri		2	1-3	6/25/2025	41.34626	-73.12442	0.0002
127	Point	PotCri		1	1-3	6/25/2025	41.34688	-73.12484	0.0002
128	Point	PotCri		1	0-1	6/25/2025	41.34726	-73.12517	0.0002
129	Point	PotCri		2	0-1	6/25/2025	41.34896	-73.12863	0.0002
130	Point	MyrSpi		2	0-1	6/25/2025	41.34912	-73.12896	0.0002
131	Point	PotCri		1	0-1	6/25/2025	41.34926	-73.12928	0.0002
132	Point	PotCri		2	0-1	6/25/2025	41.34958	-73.12994	0.0002
133	Point	PotCri		2	0-1	6/25/2025	41.34958	-73.12993	0.0002
134	Point	PotCri		2	0-1	6/25/2025	41.34957	-73.12994	0.0002
135	Point	PotCri		2	0-1	6/25/2025	41.34970	-73.13042	0.0002
136	Point	PotCri		2	0-1	6/25/2025	41.34969	-73.13039	0.0002
137	Point	PotCri		2	1-3	6/25/2025	41.34970	-73.13051	0.0002
138	Point	PotCri		2	0-1	6/25/2025	41.34983	-73.13094	0.0002
139	Point	PotCri		1	0-1	6/25/2025	41.34990	-73.13109	0.0002
140	Point	PotCri		2	0-1	6/25/2025	41.35002	-73.13137	0.0002
141	Point	PotCri		2	0-1	6/25/2025	41.35002	-73.13136	0.0002
142	Point	PotCri		2	0-1	6/25/2025	41.35007	-73.13165	0.0002
143	Point	PotCri		2	1-3	6/25/2025	41.35005	-73.13164	0.0002
144	Point	PotCri		2	1-3	6/25/2025	41.35010	-73.13164	0.0002
145	Point	PotCri		2	1-3	6/25/2025	41.35011	-73.13161	0.0002
146	Point	PotCri		2	1-3	6/25/2025	41.35016	-73.13185	0.0002
147	Point	PotCri		2	1-3	6/25/2025	41.35013	-73.13187	0.0002
148	Point	PotCri		2	1-3	6/25/2025	41.35018	-73.13190	0.0002
149	Point	PotCri		2	1-3	6/25/2025	41.35023	-73.13211	0.0002

Appendix Lake Housatonic Invasive Plant Location data (4 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
150	Point	PotCri		2	0-1	6/26/2025	41.35022	-73.13215	0.0002
151	Point	ValAme		2	1-3	6/26/2025	41.35081	-73.13387	0.0002
152	Point	PotCri		2	0-1	6/26/2025	41.35149	-73.13536	0.0002
153	Point	PotCri		2	1-3	6/26/2025	41.35149	-73.13538	0.0002
154	Point	PotCri		2	1-3	6/26/2025	41.35156	-73.13548	0.0002
155	Point	PotCri		3	0-1	6/26/2025	41.35174	-73.13573	0.0002
156	Point	PotCri		2	0-1	6/26/2025	41.35178	-73.13575	0.0002
157	Point	MyrSpi		1	0-1	6/26/2025	41.35176	-73.13578	0.0002
158	Point	PotCri		2	0-1	6/26/2025	41.35237	-73.13632	0.0002
159	Point	MyrSpi		2	0-1	6/26/2025	41.35358	-73.13675	0.0002
160	Point	MyrSpi		2	0-1	6/26/2025	41.35356	-73.13672	0.0002
161	Point	MyrSpi		1	0-1	6/26/2025	41.35373	-73.13678	0.0002
162	Point	MyrSpi		1	0-1	6/26/2025	41.35374	-73.13681	0.0002
163	Point	PotCri		2	1-3	6/26/2025	41.35373	-73.13674	0.0002
164	Point	MyrSpi		2	0-1	6/26/2025	41.35387	-73.13678	0.0002
165	Point	MyrSpi		1	0-1	6/26/2025	41.35387	-73.13679	0.0002
166	Point	MyrSpi		1	0-1	6/26/2025	41.35402	-73.13686	0.0002
167	Point	PotCri		1	1-3	6/26/2025	41.35399	-73.13686	0.0002
168	Point	PotCri		1	1-3	6/26/2025	41.35428	-73.13694	0.0002
169	Point	MyrSpi		1	1-3	6/26/2025	41.35429	-73.13694	0.0002
170	Point	MyrSpi		1	1-3	6/26/2025	41.35441	-73.13700	0.0002
171	Point	PotCri		2	1-3	6/26/2025	41.35441	-73.13701	0.0002
172	Point	MyrSpi		2	1-3	6/26/2025	41.35461	-73.13704	0.0002
173	Point	MyrSpi		2	0-1	6/26/2025	41.35457	-73.13703	0.0002
174	Point	PotCri		2	0-1	6/26/2025	41.35487	-73.13707	0.0002
175	Point	PotCri		1	0-1	6/26/2025	41.35507	-73.13710	0.0002
176	Point	MyrSpi		2	0-1	6/26/2025	41.35540	-73.13716	0.0002
177	Point	MyrSpi		2	0-1	6/26/2025	41.35572	-73.13729	0.0002
178	Point	MyrSpi		2	0-1	6/26/2025	41.35567	-73.13722	0.0002
179	Point	PotCri		2	0-1	6/26/2025	41.35620	-73.13739	0.0002
180	Point	PotCri		2	1-3	6/26/2025	41.35628	-73.13742	0.0002
181	Point	PotCri		2	1-3	6/26/2025	41.35641	-73.13744	0.0002
182	Point	PotCri		2	1-3	6/26/2025	41.35647	-73.13748	0.0002
183	Point	PotCri		2	1-3	6/26/2025	41.35801	-73.13790	0.0002
184	Point	ValAme		2	1-3	6/26/2025	41.35860	-73.13803	0.0002
185	Point	ValAme		2	1-3	6/26/2025	41.35961	-73.13798	0.0002
186	Point	ValAme		2	1-3	6/26/2025	41.35967	-73.13800	0.0002
187	Point	MyrSpi		2	0-1	6/26/2025	41.36289	-73.13922	0.0002
188	Point	MyrSpi		2	0-1	6/26/2025	41.36306	-73.13943	0.0002
189	Point	MyrSpi		2	0-1	6/26/2025	41.36319	-73.13957	0.0002
190	Point	ValAme		2	0-1	6/26/2025	41.36317	-73.13956	0.0002
191	Point	MyrSpi		2	0-1	6/26/2025	41.36346	-73.13987	0.0002
192	Point	MyrSpi		2	0-1	6/26/2025	41.36350	-73.13993	0.0002
193	Point	MyrSpi		2	0-1	6/26/2025	41.36348	-73.13993	0.0002
194	Point	MyrSpi		2	1-3	6/26/2025	41.36363	-73.14025	0.0002
195	Point	PotCri		2	0-1	6/26/2025	41.36367	-73.14027	0.0002
196	Point	MyrSpi		2	1-3	6/26/2025	41.36365	-73.14041	0.0002
197	Point	MyrSpi		3	1-3	6/26/2025	41.36371	-73.14047	0.0002
198	Point	PotCri		3	0-1	6/26/2025	41.36375	-73.14058	0.0002
199	Point	PotCri		3	0-1	6/26/2025	41.36574	-73.14364	0.0002

Appendix Lake Housatonic Invasive Plant Location data (5 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
200	Point	MyrSpi		2	0-1	6/26/2025	41.36572	-73.14356	0.0002
201	Point	ValAme		2	0-1	6/26/2025	41.36606	-73.14416	0.0002
202	Point	ValAme		2	1-3	6/26/2025	41.36605	-73.14418	0.0002
203	Point	ValAme		2	1-3	6/26/2025	41.36618	-73.14437	0.0002
204	Point	MyrSpi		2	0-1	6/26/2025	41.36628	-73.14449	0.0002
205	Point	PotCri		2	1-3	6/26/2025	41.36636	-73.14469	0.0002
206	Point	ValAme		2	1-3	6/26/2025	41.36644	-73.14475	0.0002
207	Point	ValAme		2	1-3	6/26/2025	41.36648	-73.14491	0.0002
208	Point	ValAme		2	1-3	6/26/2025	41.36657	-73.14503	0.0002
209	Point	ValAme		2	1-3	6/26/2025	41.36658	-73.14504	0.0002
210	Point	ValAme		2	1-3	6/26/2025	41.36661	-73.14510	0.0002
211	Point	ValAme		2	1-3	6/26/2025	41.36680	-73.14539	0.0002
212	Point	ValAme		2	1-3	6/26/2025	41.36679	-73.14541	0.0002
213	Point	ValAme		2	1-3	6/26/2025	41.36697	-73.14574	0.0002
214	Point	ValAme		2	1-3	6/26/2025	41.36766	-73.14667	0.0002
215	Point	ValAme		2	1-3	6/26/2025	41.36770	-73.14674	0.0002
216	Point	PotCri		2	1-3	6/26/2025	41.36946	-73.14910	0.0002
217	Point	ValAme		2	1-3	6/26/2025	41.36969	-73.14950	0.0002
218	Point	ValAme		2	0-1	6/26/2025	41.37011	-73.15004	0.0002
219	Point	MyrSpi		1	0-1	6/26/2025	41.37014	-73.15006	0.0002
220	Point	MyrSpi		1	0-1	6/26/2025	41.37090	-73.15077	0.0002
221	Point	MyrSpi		2	1-3	6/26/2025	41.37225	-73.15197	0.0002
222	Point	MyrSpi		2	0-1	6/26/2025	41.37254	-73.15219	0.0002
223	Point	PotCri		3	0-1	6/26/2025	41.37291	-73.15245	0.0002
224	Point	PotCri		3	0-1	6/26/2025	41.37300	-73.15246	0.0002
225	Point	PotCri		3	0-1	6/26/2025	41.37300	-73.15246	0.0002
226	Point	MyrSpi		2	0-1	6/26/2025	41.37300	-73.15248	0.0002
227	Point	MyrSpi		2	0-1	6/26/2025	41.37313	-73.15259	0.0002
228	Point	MyrSpi		2	0-1	6/26/2025	41.37313	-73.15260	0.0002
229	Point	MyrSpi		2	0-1	6/26/2025	41.37323	-73.15269	0.0002
230	Point	PotCri		2	0-1	6/26/2025	41.37324	-73.15268	0.0002
231	Point	PotCri		2	0-1	6/26/2025	41.37349	-73.15291	0.0002
232	Point	MyrSpi		2	0-1	6/26/2025	41.37349	-73.15292	0.0002
233	Point	MyrSpi		2	0-1	6/26/2025	41.37351	-73.15304	0.0002
234	Point	ValAme		2	0-1	6/26/2025	41.38166	-73.15868	0.0002
235	Point	ValAme		2	0-1	6/26/2025	41.38170	-73.15871	0.0002
236	Point	ValAme		2	0-1	6/26/2025	41.38163	-73.15870	0.0002
237	Point	ValAme		2	0-1	6/26/2025	41.38161	-73.15874	0.0002
238	Point	MyrSpi		2	0-1	6/26/2025	41.38160	-73.15874	0.0002
239	Point	MyrSpi		2	0-1	6/26/2025	41.37637	-73.15674	0.0002
240	Point	MyrSpi		2	0-1	6/26/2025	41.37640	-73.15678	0.0002
241	Point	MyrSpi		2	0-1	6/26/2025	41.37641	-73.15674	0.0002
242	Point	PotCri		2	0-1	6/26/2025	41.37640	-73.15674	0.0002
243	Point	PotCri		2	0-1	6/26/2025	41.37637	-73.15672	0.0002
244	Point	PotCri		2	0-1	6/26/2025	41.37636	-73.15671	0.0002
245	Point	MyrSpi		2	0-1	6/26/2025	41.37630	-73.15666	0.0002
246	Point	MyrSpi		2	1-3	6/26/2025	41.37560	-73.15586	0.0002
247	Point	PotCri		2	1-3	6/26/2025	41.37266	-73.15368	0.0002
248	Point	ValAme		2	1-3	6/26/2025	41.37268	-73.15366	0.0002
249	Point	ValAme		2	1-3	6/26/2025	41.37247	-73.15354	0.0002

Appendix Lake Housatonic Invasive Plant Location data (6 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
250	Point	ValAme		2	1-3	6/27/2025	41.37246423	-73.1535397	0.0002
251	Point	MyrSpi		1	1-3	6/27/2025	41.37233527	-73.1534789	0.0002
252	Point	PotCri		2	1-3	6/27/2025	41.37229913	-73.1534577	0.0002
253	Point	PotCri		2	1-3	6/27/2025	41.37224949	-73.1534497	0.0002
254	Point	ValAme		2	1-3	6/27/2025	41.36973473	-73.1510101	0.0002
255	Point	PotCri		2	0-1	6/27/2025	41.36611617	-73.1463585	0.0002
256	Point	MyrSpi		2	0-1	6/27/2025	41.36608157	-73.1462885	0.0002
257	Point	MyrSpi		2	0-1	6/27/2025	41.3653849	-73.1452019	0.0002
258	Point	MyrSpi		2	0-1	6/27/2025	41.36537227	-73.1451955	0.0002
259	Point	MyrSpi		2	0-1	6/27/2025	41.36536357	-73.1451909	0.0002
260	Point	MyrSpi		2	0-1	6/27/2025	41.36525	-73.14505	0.0002
261	Point	MyrSpi		2	0-1	6/27/2025	41.36525	-73.14505	0.0002
262	Point	PotCri		3	0-1	6/27/2025	41.36476	-73.14438	0.0002
263	Point	PotCri		3	0-1	6/27/2025	41.36473	-73.14437	0.0002
264	Point	MyrSpi		3	0-1	6/27/2025	41.36474	-73.14436	0.0002
265	Point	MyrSpi		3	0-1	6/27/2025	41.36455	-73.14415	0.0002
266	Point	ValAme		3	0-1	6/27/2025	41.36457	-73.14413	0.0002
267	Point	ValAme		3	0-1	6/27/2025	41.36456	-73.14412	0.0002
268	Point	MyrSpi		3	0-1	6/27/2025	41.36424	-73.14375	0.0002
269	Point	MyrSpi		2	0-1	6/27/2025	41.36417	-73.14365	0.0002
270	Point	PotCri		2	0-1	6/27/2025	41.36417	-73.14364	0.0002
271	Point	MyrSpi		3	0-1	6/27/2025	41.36419	-73.14364	0.0002
272	Point	MyrSpi		3	0-1	6/27/2025	41.36383	-73.14325	0.0002
273	Point	MyrSpi		3	0-1	6/27/2025	41.36386	-73.14324	0.0002
274	Point	MyrSpi		3	0-1	6/27/2025	41.36138	-73.14076	0.0002
275	Point	MyrSpi		3	1-3	6/27/2025	41.36101	-73.14059	0.0002
276	Point	MyrSpi		3	0-1	6/27/2025	41.36080	-73.14056	0.0002
277	Point	MyrSpi		3	0-1	6/27/2025	41.36056	-73.14047	0.0002
278	Point	MyrSpi		3	0-1	6/27/2025	41.36056	-73.14047	0.0002
279	Point	MyrSpi		3	0-1	6/27/2025	41.36055	-73.14043	0.0002
280	Point	MyrSpi		3	0-1	6/27/2025	41.36053	-73.14045	0.0002
281	Point	MyrSpi		3	0-1	6/27/2025	41.36051	-73.14047	0.0002
282	Point	MyrSpi		3	0-1	6/27/2025	41.36037	-73.14037	0.0002
283	Point	MyrSpi		3	0-1	6/27/2025	41.36035	-73.14036	0.0002
284	Point	MyrSpi		3	1-3	6/27/2025	41.36022	-73.14027	0.0002
285	Point	MyrSpi		3	0-1	6/27/2025	41.35993	-73.14013	0.0002
286	Point	MyrSpi		3	0-1	6/27/2025	41.35977	-73.14005	0.0002
287	Point	MyrSpi		3	0-1	6/27/2025	41.35975	-73.14006	0.0002
288	Point	MyrSpi		3	0-1	6/27/2025	41.35975	-73.14005	0.0002
289	Point	MyrSpi		3	0-1	6/27/2025	41.35958	-73.13997	0.0002
290	Point	MyrSpi		3	0-1	6/27/2025	41.35954	-73.13995	0.0002
291	Point	MyrSpi		3	0-1	6/27/2025	41.35945	-73.13990	0.0002
292	Point	MyrSpi		3	0-1	6/27/2025	41.35861	-73.13969	0.0002
293	Point	MyrSpi		3	0-1	6/27/2025	41.35858	-73.13968	0.0002
294	Point	MyrSpi		3	0-1	6/27/2025	41.35775	-73.13939	0.0002
295	Point	MyrSpi		3	0-1	6/27/2025	41.35667	-73.13947	0.0002
296	Point	MyrSpi		3	0-1	6/27/2025	41.35638	-73.13943	0.0002
297	Point	MyrSpi		3	0-1	6/27/2025	41.35632	-73.13944	0.0002
298	Point	MyrSpi		3	0-1	6/27/2025	41.35628	-73.13942	0.0002
299	Point	MyrSpi		3	0-1	6/27/2025	41.35599	-73.13938	0.0002
300	Point	MyrSpi		3	0-1	6/27/2025	41.35535	-73.13943	0.0002

Appendix Lake Housatonic Invasive Plant Location data (7 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
301	Point	MyrSpi		3	0-1	6/27/2025	41.35512	-73.13934	0.0002
302	Point	MyrSpi		3	0-1	6/27/2025	41.35478	-73.13927	0.0002
303	Point	MyrSpi		3	0-1	6/27/2025	41.35466	-73.13930	0.0002
304	Point	MyrSpi		3	0-1	6/27/2025	41.35458	-73.13930	0.0002
305	Point	MyrSpi		3	0-1	6/27/2025	41.35447	-73.13926	0.0002
306	Point	MyrSpi		3	0-1	6/27/2025	41.35435	-73.13923	0.0002
307	Point	MyrSpi		3	0-1	6/27/2025	41.35429	-73.13922	0.0002
308	Point	MyrSpi		3	0-1	6/27/2025	41.35414	-73.13917	0.0002
309	Point	MyrSpi		3	0-1	6/27/2025	41.35408	-73.13915	0.0002
310	Point	MyrSpi		3	0-1	6/27/2025	41.35403	-73.13913	0.0002
311	Point	MyrSpi		3	0-1	6/27/2025	41.35368	-73.13896	0.0002
312	Point	MyrSpi		3	0-1	6/27/2025	41.35356	-73.13894	0.0002
313	Point	MyrSpi		3	0-1	6/27/2025	41.35352	-73.13895	0.0002
314	Point	MyrSpi		3	0-1	6/27/2025	41.35350	-73.13896	0.0002
315	Point	MyrSpi		3	0-1	6/27/2025	41.35342	-73.13897	0.0002
316	Point	MyrSpi		3	0-1	6/27/2025	41.35334	-73.13893	0.0002
317	Point	MyrSpi		3	0-1	6/27/2025	41.35327	-73.13885	0.0002
318	Point	MyrSpi		3	1-3	6/27/2025	41.35303	-73.13874	0.0002
319	Point	MyrSpi		3	0-1	6/27/2025	41.35293	-73.13878	0.0002
320	Point	MyrSpi		3	0-1	6/27/2025	41.35289	-73.13878	0.0002
321	Point	MyrSpi		3	0-1	6/27/2025	41.35280	-73.13872	0.0002
322	Point	MyrSpi		3	1-3	6/27/2025	41.35267	-73.13864	0.0002
323	Point	MyrSpi		3	1-3	6/27/2025	41.35258	-73.13862	0.0002
324	Point	MyrSpi		3	1-3	6/27/2025	41.35248	-73.13851	0.0002
325	Point	MyrSpi		3	1-3	6/27/2025	41.34795	-73.12968	0.0002
326	Point	MyrSpi		2	1-3	6/27/2025	41.34792	-73.12966	0.0002
327	Point	PotCri		2	1-3	6/27/2025	41.34791	-73.12965	0.0002
328	Point	MyrSpi		2	0-1	6/27/2025	41.34769	-73.12925	0.0002
329	Point	MyrSpi		2	0-1	6/27/2025	41.34766	-73.12917	0.0002
330	Point	MyrSpi		2	0-1	6/27/2025	41.34765	-73.12912	0.0002
331	Point	MyrSpi		2	0-1	6/27/2025	41.34760	-73.12900	0.0002
332	Point	MyrSpi		2	0-1	6/27/2025	41.34667	-73.12755	0.0002
333	Point	PotCri		2	0-1	6/27/2025	41.34657	-73.12745	0.0002
334	Point	MyrSpi		2	0-1	6/27/2025	41.34645	-73.12723	0.0002
335	Point	ValAme		2	0-1	6/27/2025	41.34614	-73.12677	0.0002
336	Point	MyrSpi		2	0-1	6/27/2025	41.34580	-73.12613	0.0002
337	Point	MyrSpi		2	0-1	6/27/2025	41.34521	-73.12544	0.0002
338	Point	MyrSpi		2	0-1	6/27/2025	41.34518	-73.12542	0.0002
339	Point	MyrSpi		2	0-1	6/27/2025	41.34516	-73.12541	0.0002
340	Point	MyrSpi		2	0-1	6/27/2025	41.34514	-73.12540	0.0002
341	Point	ValAme		2	0-1	6/27/2025	41.34515	-73.12540	0.0002
342	Point	ValAme		2	1-3	6/27/2025	41.34516	-73.12540	0.0002
343	Point	ValAme		2	1-3	6/27/2025	41.34518	-73.12539	0.0002
344	Point	ValAme		2	1-3	6/27/2025	41.34518	-73.12542	0.0002
345	Point	MyrSpi		2	0-1	6/27/2025	41.34489	-73.12513	0.0002
346	Point	MyrSpi		3	0-1	6/27/2025	41.34478	-73.12506	0.0002
347	Point	MyrSpi		3	0-1	6/27/2025	41.34473	-73.12503	0.0002
348	Point	MyrSpi		3	0-1	6/27/2025	41.34470	-73.12500	0.0002
349	Point	MyrSpi		3	0-1	6/27/2025	41.34466	-73.12497	0.0002
350	Point	MyrSpi		3	0-1	6/27/2025	41.34463	-73.12495	0.0002
351	Point	MyrSpi		3	0-1	6/27/2025	41.34453	-73.12488	0.0002

Appendix Lake Housatonic Invasive Plant Location data (8 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
352	Point	MyrSpi		3	0-1	6/27/2025	41.34435	-73.12472	0.0002
353	Point	MyrSpi		3	0-1	6/27/2025	41.34431	-73.12469	0.0002
354	Point	MyrSpi		3	1-3	6/27/2025	41.34409	-73.12453	0.0002
355	Point	MyrSpi		3	1-3	6/27/2025	41.34374	-73.12427	0.0002
356	Point	MyrSpi		3	1-3	6/27/2025	41.34377	-73.12440	0.0002
357	Point	PotCri		3	1-3	6/27/2025	41.34302	-73.12398	0.0002
358	Point	PotCri		3	1-3	6/27/2025	41.34284	-73.12389	0.0002
359	Point	PotCri		3	1-3	6/27/2025	41.34284	-73.12386	0.0002
360	Point	MyrSpi		3	1-3	6/27/2025	41.34284	-73.12385	0.0002
361	Point	MyrSpi		3	1-3	6/27/2025	41.34264	-73.12384	0.0002
362	Point	MyrSpi		3	1-3	6/27/2025	41.34257	-73.12383	0.0002
363	Point	MyrSpi		3	1-3	6/27/2025	41.34252	-73.12381	0.0002
364	Point	PotCri		3	1-3	6/27/2025	41.34249	-73.12380	0.0002
365	Point	PotCri		3	1-3	6/27/2025	41.34256	-73.12378	0.0002
366	Point	PotCri		3	1-3	6/27/2025	41.34261	-73.12383	0.0002
367	Point	PotCri		3	1-3	6/27/2025	41.34243	-73.12373	0.0002
368	Point	MyrSpi		3	1-3	6/27/2025	41.34235	-73.12374	0.0002
369	Point	MyrSpi		3	1-3	6/27/2025	41.34228	-73.12374	0.0002
370	Point	MyrSpi		3	1-3	6/27/2025	41.34221	-73.12372	0.0002
371	Point	MyrSpi		3	1-3	6/27/2025	41.34215	-73.12369	0.0002
372	Point	MyrSpi		2	1-3	6/27/2025	41.34187	-73.12362	0.0002
373	Point	PotCri		2	1-3	6/27/2025	41.34172	-73.12358	0.0002
374	Point	MyrSpi		2	1-3	6/27/2025	41.34160	-73.12355	0.0002
375	Point	PotCri		2	1-3	6/27/2025	41.34139	-73.12347	0.0002
376	Point	PotCri		2	1-3	6/27/2025	41.34125	-73.12342	0.0002
377	Point	PotCri		2	1-3	6/27/2025	41.34120	-73.12342	0.0002
378	Point	PotCri		2	1-3	6/27/2025	41.34116	-73.12343	0.0002
379	Point	MyrSpi		2	1-3	6/27/2025	41.34113	-73.12344	0.0002
0	Patch	ValAme		2	0-1	6/25/2025	41.34011	-73.12353	0.0876
1	Patch	MyrSpi	Sporadic MyrSpi	2	0-1	6/25/2025	41.33441	-73.11652	1.1307
2	Patch	MyrSpi		2	0-1	6/25/2025	41.32719	-73.10230	0.0815
3	Patch	MyrSpi	MyrSpiSporadic	2	1-3	6/25/2025	41.32758	-73.10287	0.1965
4	Patch	MyrSpi	MyrSpiSporadic, ValAmeSporadic	2	1-3	6/25/2025	41.32862	-73.10566	0.0699
5	Patch	PotCri		3	1-3	6/25/2025	41.32899	-73.10645	0.0603
6	Patch	PotCri	AllverySpottyMoreNorth	2	1-3	6/25/2025	41.32967	-73.10358	9.9414
7	Patch	MyrSpi	AllverySpottyMoreNorthExpand	3	1-3	6/25/2025	41.33894	-73.11623	8.8720
8	Patch	PotCri	Spotty	2	1-3	6/25/2025	41.34046	-73.11780	4.6594
9	Patch	PotCri		3	1-3	6/25/2025	41.34187	-73.12196	0.0701
10	Patch	PotCri		2	1-3	6/25/2025	41.35577	-73.13716	0.0575
11	Patch	ValAme		3	1-3	6/25/2025	41.36210	-73.13852	0.0066
12	Patch	ValAme		3	1-3	6/25/2025	41.36289	-73.13901	0.0154
13	Patch	ValAme		3	1-3	6/25/2025	41.36394	-73.14047	0.2105
14	Patch	MyrSpi	All Plants Spotty	2	0-1	6/25/2025	41.36544	-73.14081	1.0352
15	Patch	MyrSpi	All Plants Spotty	2	0-1	6/25/2025	41.36410	-73.14333	0.0374
16	Patch	MyrSpi	All Plants Spotty	2	0-1	6/25/2025	41.36379	-73.14217	0.2716
17	Patch	MyrSpi	All Plants Spotty	2	0-1	6/25/2025	41.36291	-73.14157	0.1318
18	Patch	MyrSpi	All Plants Spotty	2	0-1	6/25/2025	41.36263	-73.14068	0.4918
19	Patch	ValAme	Spotty	3	1-3	6/25/2025	41.35582	-73.13855	1.9195
20	Patch	MyrSpi	Spotty	3	1-3	6/25/2025	41.34845	-73.13001	0.2023
21	Patch	MyrSpi	Spotty	2	1-3	6/25/2025	41.34753	-73.12835	0.1105
22	Patch	MyrSpi		3	0-1	6/25/2025	41.33755	-73.11622	0.0350

Appendix Lake Housatonic Invasive Plant Location data (9 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
23	Patch	MyrSpi		2	0-1	6/25/2025	41.33761	-73.11609	0.0642
24	Patch	PotCri		2	0-1	6/25/2025	41.33750	-73.11629	0.0393
25	Patch	ValAme		3	0-1	6/25/2025	41.33743	-73.11671	0.0399
26	Patch	ValAme		2	0-1	6/25/2025	41.33742	-73.11683	0.0510
27	Patch	ValAme		2	1-3	6/25/2025	41.33677	-73.11626	3.0003
28	Patch	ValAme		2	0-1	6/25/2025	41.33849	-73.11645	0.4809
29	Patch	ValAme		2	0-1	6/25/2025	41.33892	-73.11745	0.6665
30	Patch	ValAme		2	0-1	6/25/2025	41.33716	-73.11718	0.7507
31	Patch	MyrSpi		2	0-1	6/25/2025	41.33774	-73.11653	0.1317
32	Patch	PotCri		2	0-1	6/25/2025	41.33208	-73.11634	0.0239
33	Patch	MyrSpi	Sporadic MyrSpi	2	0-1	6/25/2025	41.33195	-73.11485	1.1215
34	Patch	ValAme		2	1-3	6/25/2025	41.33235	-73.11610	0.2677
35	Patch	MyrSpi		2	1-3	6/25/2025	41.32976	-73.10910	0.0569
36	Patch	PotCri	AllverySpottyMoreNorth	2	1-3	6/25/2025	41.33033	-73.10942	1.4127
37	Patch	ValAme		2	1-3	6/25/2025	41.32957	-73.10919	0.0454
38	Patch	PotCri		2	0-1	6/25/2025	41.32988	-73.10901	0.0067
39	Patch	PotCri		2	1-3	6/25/2025	41.32985	-73.10899	0.0703
40	Patch	PotCri		2	1-3	6/25/2025	41.32966	-73.10913	0.0456
41	Patch	ValAme		2	1-3	6/25/2025	41.32989	-73.10890	0.2108
42	Patch	PotCri		1	0-1	6/25/2025	41.34116	-73.12348	0.0104
43	Patch	PotCri		2	1-3	6/26/2025	41.34117	-73.12333	0.0358
44	Patch	ValAme		2	0-1	6/26/2025	41.34114	-73.12359	0.0046
45	Patch	ValAme		2	0-1	6/26/2025	41.34114	-73.12347	0.0075
46	Patch	ValAme		1	1-3	6/26/2025	41.34114	-73.12339	0.0129
47	Patch	PotCri		1	0-1	6/26/2025	41.34810	-73.12669	0.0083
48	Patch	ValAme		1	0-1	6/26/2025	41.34808	-73.12668	0.0092
49	Patch	ValAme		1	0-1	6/26/2025	41.35857	-73.13797	0.0135
50	Patch	PotCri		2	0-1	6/26/2025	41.36272	-73.14170	0.0100
51	Patch	PotCri		3	0-1	6/26/2025	41.36279	-73.14163	0.0225
52	Patch	PotCri		1	1-3	6/26/2025	41.36292	-73.14145	0.0396
53	Patch	ValAme		3	0-1	6/26/2025	41.36279	-73.14162	0.0265
54	Patch	ValAme		2	1-3	6/26/2025	41.36286	-73.14156	0.0278
55	Patch	ValAme		2	1-3	6/26/2025	41.36323	-73.14097	0.1942
56	Patch	MyrSpi		2	1-3	6/26/2025	41.37645	-73.15666	0.0090
57	Patch	ValAme		2	0-1	6/26/2025	41.37680	-73.15591	0.0060
58	Patch	ValAme		2	1-3	6/26/2025	41.37649	-73.15654	0.0227
59	Patch	PotCri		1	1-3	6/26/2025	41.37646	-73.15658	0.0084
60	Patch	PotCri		3	1-3	6/26/2025	41.37646	-73.15666	0.0104
61	Patch	ValAme	Sporadic MyrSpi	2	0-1	6/26/2025	41.33441	-73.11652	1.1307
62	Patch	ValAme		2	0-1	6/26/2025	41.32719	-73.10230	0.0815
63	Patch	ValAme	MyrSpiSporadic, ValAmeSporadic	2	1-3	6/27/2025	41.32862	-73.10566	0.0699
64	Patch	ValAme	AllverySpottyMoreNorth	2	1-3	6/27/2025	41.32967	-73.10358	9.9414
65	Patch	ValAme	AllverySpottyMoreNorthExpand	2	1-3	6/27/2025	41.33894	-73.11623	8.8720
66	Patch	ValAme	All Plants Spotty	2	0-1	6/27/2025	41.36544	-73.14081	1.0352
67	Patch	ValAme	All Plants Spotty	2	0-1	6/27/2025	41.36410	-73.14333	0.0374
68	Patch	ValAme	All Plants Spotty	2	0-1	6/27/2025	41.36379	-73.14217	0.2716
70	Patch	ValAme	All Plants Spotty	2	0-1	6/27/2025	41.36263	-73.14068	0.4918
71	Patch	ValAme		2	1-3	6/27/2025	41.34845	-73.13001	0.2023
72	Patch	ValAme		3	1-3	6/27/2025	41.34753	-73.12835	0.1105

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FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
73	Patch	ValAme	Sporadic MyrSpi	2	0-1	6/27/2025	41.33195	-73.11485	1.1215
74	Patch	ValAme	AllverySpottyMoreNorth	2	1-3	6/27/2025	41.33033	-73.10942	1.4127
75	Patch	PotCri		2	0-1	6/27/2025	41.32719	-73.10230	0.0815
76	Patch	PotCri	MyrSpiSporadic	2	1-3	6/27/2025	41.32758	-73.10287	0.1965
77	Patch	PotCri	MyrSpiSporadic, ValAmeSporadic	2	1-3	6/27/2025	41.32862	-73.10566	0.0699
78	Patch	PotCri	All Plants Spotty	2	0-1	6/27/2025	41.36544	-73.14081	1.0352
79	Patch	PotCri	All Plants Spotty	2	0-1	6/27/2025	41.36410	-73.14333	0.0374
80	Patch	PotCri	All Plants Spotty	2	0-1	6/27/2025	41.36379	-73.14217	0.2716
81	Patch	PotCri	All Plants Spotty	2	0-1	6/27/2025	41.36291	-73.14157	0.1318
82	Patch	PotCri	All Plants Spotty	2	0-1	6/27/2025	41.36263	-73.14068	0.4918
0	Point	MyrSpi		2	0-1	9/3/2025	41.34034	-73.12333	0.0002
1	Point	MyrSpi		2	0-1	9/3/2025	41.34025	-73.12343	0.0002
2	Point	MyrSpi		2	0-1	9/3/2025	41.34022	-73.12330	0.0002
3	Point	MyrSpi		2	0-1	9/3/2025	41.34042	-73.12332	0.0002
4	Point	MyrSpi		2	1-3	9/3/2025	41.34047	-73.12318	0.0002
5	Point	ValAme		3	1-3	9/3/2025	41.33867	-73.12206	0.0002
6	Point	ValAme		3	1-3	9/3/2025	41.33856	-73.12199	0.0002
7	Point	ValAme		3	1-3	9/3/2025	41.33839	-73.12189	0.0002
8	Point	ValAme		3	1-3	9/3/2025	41.33837	-73.12188	0.0002
9	Point	ValAme		3	1-3	9/3/2025	41.33831	-73.12181	0.0002
10	Point	ValAme		3	1-3	9/3/2025	41.33789	-73.12156	0.0002
11	Point	ValAme		3	1-3	9/3/2025	41.33784	-73.12152	0.0002
12	Point	ValAme		3	1-3	9/3/2025	41.33768	-73.12141	0.0002
13	Point	MyrSpi		2	1-3	9/3/2025	41.33103	-73.11195	0.0002
14	Point	MyrSpi		2	1-3	9/3/2025	41.33110	-73.11213	0.0002
15	Point	MyrSpi		2	1-3	9/3/2025	41.33165	-73.11320	0.0002
16	Point	ValAme		3	1-3	9/3/2025	41.33172	-73.11326	0.0002
17	Point	MyrSpi		2	1-3	9/3/2025	41.33191	-73.11364	0.0002
18	Point	MyrSpi		2	1-3	9/3/2025	41.33204	-73.11380	0.0002
19	Point	MyrSpi		2	1-3	9/3/2025	41.33208	-73.11383	0.0002
20	Point	ValAme		3	1-3	9/3/2025	41.33215	-73.11392	0.0002
21	Point	ValAme		3	1-3	9/3/2025	41.33323	-73.11525	0.0002
22	Point	ValAme		3	1-3	9/3/2025	41.33337	-73.11546	0.0002
23	Point	ValAme		3	1-3	9/3/2025	41.33353	-73.11560	0.0002
24	Point	ValAme		3	1-3	9/3/2025	41.33356	-73.11564	0.0002
25	Point	ValAme		3	1-3	9/3/2025	41.33359	-73.11568	0.0002
26	Point	ValAme		3	1-3	9/3/2025	41.33399	-73.11600	0.0002
27	Point	ValAme		3	1-3	9/3/2025	41.33407	-73.11604	0.0002
28	Point	ValAme		3	1-3	9/3/2025	41.33409	-73.11609	0.0002
29	Point	ValAme		3	1-3	9/3/2025	41.33413	-73.11611	0.0002
30	Point	ValAme		3	1-3	9/3/2025	41.33416	-73.11613	0.0002
31	Point	ValAme		3	1-3	9/3/2025	41.33419	-73.11615	0.0002
32	Point	ValAme		3	1-3	9/3/2025	41.33422	-73.11617	0.0002
33	Point	ValAme		3	1-3	9/3/2025	41.33434	-73.11625	0.0002
34	Point	ValAme		3	1-3	9/3/2025	41.33439	-73.11627	0.0002
35	Point	ValAme		3	1-3	9/3/2025	41.33459	-73.11633	0.0002
36	Point	ValAme		3	1-3	9/3/2025	41.33466	-73.11634	0.0002
37	Point	ValAme		3	1-3	9/3/2025	41.33490	-73.11641	0.0002

Appendix Lake Housatonic Invasive Plant Location data (11 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
38	Point	ValAme		3	1-3	9/3/2025	41.33513	-73.11647	0.0002
39	Point	ValAme		3	1-3	9/3/2025	41.33527	-73.11647	0.0002
40	Point	ValAme		3	1-3	9/3/2025	41.33531	-73.11646	0.0002
41	Point	ValAme		3	1-3	9/3/2025	41.33541	-73.11644	0.0002
42	Point	ValAme		3	1-3	9/3/2025	41.33547	-73.11645	0.0002
43	Point	ValAme		3	1-3	9/3/2025	41.33550	-73.11645	0.0002
44	Point	ValAme		3	1-3	9/3/2025	41.33560	-73.11642	0.0002
45	Point	ValAme		3	1-3	9/3/2025	41.33564	-73.11641	0.0002
46	Point	ValAme		3	1-3	9/3/2025	41.33568	-73.11640	0.0002
47	Point	ValAme		3	1-3	9/3/2025	41.33600	-73.11635	0.0002
48	Point	ValAme		3	1-3	9/3/2025	41.33616	-73.11633	0.0002
49	Point	ValAme		3	1-3	9/3/2025	41.33625	-73.11632	0.0002
50	Point	ValAme		3	1-3	9/3/2025	41.33680	-73.11622	0.0002
51	Point	ValAme		3	1-3	9/3/2025	41.33687	-73.11622	0.0002
52	Point	MyrSpi		2	1-3	9/3/2025	41.33704	-73.11625	0.0002
53	Point	MyrSpi		2	1-3	9/3/2025	41.33736	-73.11643	0.0002
54	Point	MyrSpi		2	1-3	9/3/2025	41.33748	-73.11644	0.0002
55	Point	MyrSpi		2	1-3	9/3/2025	41.33756	-73.11644	0.0002
56	Point	MyrSpi		2	1-3	9/3/2025	41.33784	-73.11659	0.0002
57	Point	ValAme		3	1-3	9/3/2025	41.34234	-73.12225	0.0002
58	Point	ValAme		3	1-3	9/3/2025	41.34244	-73.12228	0.0002
59	Point	ValAme		3	1-3	9/3/2025	41.34248	-73.12226	0.0002
60	Point	ValAme		3	0-1	9/3/2025	41.34252	-73.12225	0.0002
61	Point	ValAme		3	1-3	9/3/2025	41.34274	-73.12224	0.0002
62	Point	ValAme		3	1-3	9/3/2025	41.34277	-73.12222	0.0002
63	Point	ValAme		3	1-3	9/3/2025	41.34291	-73.12220	0.0002
64	Point	ValAme		3	0-1	9/3/2025	41.34292	-73.12218	0.0002
65	Point	ValAme		3	1-3	9/3/2025	41.34294	-73.12220	0.0002
66	Point	ValAme		3	1-3	9/3/2025	41.34304	-73.12215	0.0002
67	Point	ValAme		3	1-3	9/3/2025	41.34305	-73.12215	0.0002
68	Point	ValAme		3	0-1	9/3/2025	41.34311	-73.12219	0.0002
69	Point	ValAme		3	0-1	9/3/2025	41.34316	-73.12215	0.0002
70	Point	ValAme		3	0-1	9/3/2025	41.34318	-73.12213	0.0002
71	Point	ValAme		3	0-1	9/3/2025	41.34322	-73.12214	0.0002
72	Point	ValAme		3	0-1	9/3/2025	41.34325	-73.12215	0.0002
73	Point	ValAme		3	0-1	9/3/2025	41.34347	-73.12225	0.0002
74	Point	ValAme		3	0-1	9/3/2025	41.34569	-73.12403	0.0002
75	Point	ValAme		3	1-3	9/3/2025	41.34580	-73.12412	0.0002
76	Point	ValAme		3	1-3	9/3/2025	41.34582	-73.12412	0.0002
77	Point	ValAme		3	1-3	9/3/2025	41.34604	-73.12427	0.0002
78	Point	ValAme		3	1-3	9/3/2025	41.34606	-73.12428	0.0002
79	Point	ValAme		3	1-3	9/3/2025	41.34606	-73.12430	0.0002
80	Point	ValAme		3	1-3	9/3/2025	41.34624	-73.12445	0.0002
81	Point	ValAme		3	1-3	9/3/2025	41.34791	-73.12643	0.0002
82	Point	ValAme		3	0-1	9/3/2025	41.34804	-73.12674	0.0002
83	Point	ValAme		2	0-1	9/3/2025	41.34816	-73.12701	0.0002
84	Point	ValAme		2	0-1	9/3/2025	41.34822	-73.12714	0.0002
85	Point	ValAme		2	1-3	9/3/2025	41.34863	-73.12799	0.0002

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FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
86	Point	ValAme		2	1-3	9/3/2025	41.34863	-73.12798	0.0002
87	Point	ValAme		3	1-3	9/3/2025	41.34877	-73.12824	0.0002
88	Point	ValAme		3	1-3	9/3/2025	41.34882	-73.12833	0.0002
89	Point	ValAme		3	1-3	9/3/2025	41.34877	-73.12823	0.0002
90	Point	ValAme		3	1-3	9/3/2025	41.34896	-73.12863	0.0002
91	Point	ValAme		3	1-3	9/3/2025	41.34899	-73.12869	0.0002
92	Point	ValAme		3	1-3	9/3/2025	41.34900	-73.12872	0.0002
93	Point	ValAme		3	1-3	9/3/2025	41.34902	-73.12881	0.0002
94	Point	ValAme		3	1-3	9/3/2025	41.34928	-73.12940	0.0002
95	Point	MyrSpi		3	1-3	9/3/2025	41.34924	-73.12927	0.0002
96	Point	MyrSpi		3	1-3	9/3/2025	41.34981	-73.13086	0.0002
97	Point	MyrSpi		3	1-3	9/3/2025	41.34967	-73.13048	0.0002
98	Point	ValAme		3	0-1	9/3/2025	41.35014	-73.13184	0.0002
99	Point	MyrSpi		2	0-1	9/3/2025	41.35029	-73.13243	0.0002
100	Point	ValAme		3	0-1	9/3/2025	41.35048	-73.13302	0.0002
101	Point	ValAme		3	0-1	9/3/2025	41.35078	-73.13379	0.0002
102	Point	ValAme		3	0-1	9/3/2025	41.35079	-73.13380	0.0002
103	Point	MyrSpi		2	0-1	9/3/2025	41.35081	-73.13380	0.0002
104	Point	MyrSpi		2	0-1	9/3/2025	41.35079	-73.13388	0.0002
105	Point	MyrSpi		2	0-1	9/3/2025	41.35087	-73.13412	0.0002
106	Point	ValAme		3	0-1	9/3/2025	41.35095	-73.13429	0.0002
107	Point	ValAme		3	1-3	9/3/2025	41.35096	-73.13434	0.0002
108	Point	ValAme		3	1-3	9/3/2025	41.35296	-73.13670	0.0002
109	Point	ValAme		3	1-3	9/3/2025	41.35339	-73.13682	0.0002
110	Point	ValAme		3	1-3	9/3/2025	41.35345	-73.13677	0.0002
111	Point	ValAme		3	1-3	9/3/2025	41.35372	-73.13690	0.0002
112	Point	ValAme		3	1-3	9/3/2025	41.35440	-73.13701	0.0002
113	Point	ValAme		3	1-3	9/3/2025	41.35440	-73.13703	0.0002
114	Point	ValAme		3	1-3	9/3/2025	41.35440	-73.13705	0.0002
115	Point	ValAme		3	1-3	9/3/2025	41.35780	-73.13781	0.0002
116	Point	MyrSpi		2	1-3	9/3/2025	41.35783	-73.13781	0.0002
117	Point	ValAme		3	1-3	9/3/2025	41.35814	-73.13794	0.0002
118	Point	ValAme		3	1-3	9/3/2025	41.35817	-73.13795	0.0002
119	Point	ValAme		3	1-3	9/3/2025	41.35821	-73.13795	0.0002
120	Point	ValAme		3	1-3	9/3/2025	41.35833	-73.13800	0.0002
121	Point	ValAme		3	1-3	9/3/2025	41.35835	-73.13799	0.0002
122	Point	ValAme		3	1-3	9/3/2025	41.35840	-73.13798	0.0002
123	Point	ValAme		3	1-3	9/3/2025	41.35898	-73.13805	0.0002
124	Point	ValAme		3	1-3	9/3/2025	41.35909	-73.13803	0.0002
125	Point	ValAme		3	0-1	9/3/2025	41.35916	-73.13803	0.0002
126	Point	ValAme		3	0-1	9/3/2025	41.35922	-73.13802	0.0002
127	Point	ValAme		3	0-1	9/3/2025	41.35948	-73.13801	0.0002
128	Point	ValAme		3	0-1	9/3/2025	41.35954	-73.13798	0.0002
129	Point	ValAme		3	0-1	9/3/2025	41.35960	-73.13799	0.0002
130	Point	ValAme		3	0-1	9/3/2025	41.35964	-73.13797	0.0002
131	Point	ValAme		3	0-1	9/3/2025	41.35971	-73.13799	0.0002
132	Point	ValAme		3	0-1	9/3/2025	41.35977	-73.13796	0.0002
133	Point	ValAme		3	0-1	9/3/2025	41.35999	-73.13801	0.0002

Appendix Lake Housatonic Invasive Plant Location data (13 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
134	Point	ValAme		3	0-1	9/3/2025	41.36004	-73.13805	0.0002
135	Point	ValAme		3	1-3	9/3/2025	41.36026	-73.13812	0.0002
136	Point	ValAme		3	1-3	9/3/2025	41.36034	-73.13814	0.0002
137	Point	ValAme		3	1-3	9/3/2025	41.36037	-73.13814	0.0002
138	Point	ValAme		3	1-3	9/3/2025	41.36053	-73.13816	0.0002
139	Point	ValAme		3	1-3	9/3/2025	41.36053	-73.13817	0.0002
140	Point	ValAme		3	1-3	9/3/2025	41.36059	-73.13819	0.0002
141	Point	ValAme		3	1-3	9/3/2025	41.36091	-73.13826	0.0002
142	Point	ValAme		3	0-1	9/3/2025	41.36100	-73.13825	0.0002
143	Point	ValAme		3	0-1	9/3/2025	41.36110	-73.13825	0.0002
144	Point	ValAme		3	0-1	9/3/2025	41.36114	-73.13827	0.0002
145	Point	ValAme		3	0-1	9/3/2025	41.36119	-73.13827	0.0002
146	Point	ValAme		3	1-3	9/3/2025	41.36441	-73.14164	0.0002
147	Point	MyrSpi		2	1-3	9/3/2025	41.36632	-73.14468	0.0002
148	Point	MyrSpi		2	1-3	9/3/2025	41.36682	-73.14543	0.0002
149	Point	MyrSpi		2	1-3	9/3/2025	41.36683	-73.14544	0.0002
150	Point	MyrSpi		2	1-3	9/3/2025	41.36682	-73.14547	0.0002
151	Point	MyrSpi		2	1-3	9/3/2025	41.36685	-73.14550	0.0002
152	Point	MyrSpi		2	1-3	9/3/2025	41.36689	-73.14554	0.0002
153	Point	MyrSpi		2	1-3	9/3/2025	41.36694	-73.14568	0.0002
154	Point	MyrSpi		2	1-3	9/3/2025	41.36698	-73.14581	0.0002
155	Point	MyrSpi		2	1-3	9/3/2025	41.37032	-73.15022	0.0002
156	Point	MyrSpi		2	1-3	9/3/2025	41.37033	-73.15026	0.0002
157	Point	MyrSpi		2	1-3	9/3/2025	41.37046	-73.15042	0.0002
158	Point	MyrSpi		2	1-3	9/3/2025	41.37068	-73.15051	0.0002
159	Point	PotCri		2	1-3	9/3/2025	41.37074	-73.15052	0.0002
160	Point	PotCri		2	1-3	9/3/2025	41.37073	-73.15052	0.0002
161	Point	MyrSpi		2	1-3	9/3/2025	41.37102	-73.15087	0.0002
162	Point	MyrSpi		2	1-3	9/3/2025	41.37113	-73.15099	0.0002
163	Point	MyrSpi		2	1-3	9/3/2025	41.37120	-73.15105	0.0002
164	Point	MyrSpi		2	1-3	9/3/2025	41.37122	-73.15108	0.0002
165	Point	MyrSpi		2	1-3	9/3/2025	41.37126	-73.15112	0.0002
166	Point	MyrSpi		2	1-3	9/3/2025	41.37130	-73.15120	0.0002
167	Point	MyrSpi		2	1-3	9/3/2025	41.37133	-73.15124	0.0002
168	Point	MyrSpi		2	1-3	9/3/2025	41.37143	-73.15133	0.0002
169	Point	MyrSpi		2	1-3	9/3/2025	41.37146	-73.15139	0.0002
170	Point	MyrSpi		2	1-3	9/3/2025	41.37153	-73.15150	0.0002
171	Point	MyrSpi		2	1-3	9/3/2025	41.37174	-73.15163	0.0002
172	Point	MyrSpi		2	0-1	9/3/2025	41.37198	-73.15180	0.0002
173	Point	MyrSpi		2	1-3	9/4/2025	41.37214	-73.15191	0.0002
174	Point	MyrSpi		2	1-3	9/4/2025	41.37222	-73.15194	0.0002
175	Point	MyrSpi		2	1-3	9/4/2025	41.37231	-73.15200	0.0002
176	Point	MyrSpi		2	1-3	9/4/2025	41.37232	-73.15202	0.0002
177	Point	MyrSpi		2	1-3	9/4/2025	41.37233	-73.15203	0.0002
178	Point	MyrSpi		2	1-3	9/4/2025	41.37234	-73.15205	0.0002
179	Point	MyrSpi		2	1-3	9/4/2025	41.37235	-73.15207	0.0002
180	Point	MyrSpi		2	1-3	9/4/2025	41.37238	-73.15212	0.0002
181	Point	MyrSpi		2	1-3	9/4/2025	41.37251	-73.15227	0.0002

Appendix Lake Housatonic Invasive Plant Location data (14 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
182	Point	MyrSpi		2	1-3	9/4/2025	41.37253	-73.15228	0.0002
183	Point	MyrSpi		2	1-3	9/4/2025	41.37270	-73.15242	0.0002
184	Point	MyrSpi		2	1-3	9/4/2025	41.37274	-73.15245	0.0002
185	Point	MyrSpi		2	1-3	9/4/2025	41.37279	-73.15249	0.0002
186	Point	MyrSpi		2	1-3	9/4/2025	41.37286	-73.15253	0.0002
187	Point	MyrSpi		2	1-3	9/4/2025	41.37292	-73.15256	0.0002
188	Point	MyrSpi		2	1-3	9/4/2025	41.37295	-73.15258	0.0002
189	Point	MyrSpi		2	1-3	9/4/2025	41.37300	-73.15261	0.0002
190	Point	MyrSpi		2	1-3	9/4/2025	41.37308	-73.15265	0.0002
191	Point	MyrSpi		2	1-3	9/4/2025	41.37316	-73.15274	0.0002
192	Point	MyrSpi		2	1-3	9/4/2025	41.37319	-73.15278	0.0002
193	Point	MyrSpi		2	1-3	9/4/2025	41.37326	-73.15286	0.0002
194	Point	MyrSpi		2	1-3	9/4/2025	41.37328	-73.15287	0.0002
195	Point	MyrSpi		2	1-3	9/4/2025	41.37334	-73.15291	0.0002
196	Point	MyrSpi		2	1-3	9/4/2025	41.37341	-73.15295	0.0002
197	Point	MyrSpi		2	1-3	9/4/2025	41.37343	-73.15293	0.0002
198	Point	MyrSpi		2	1-3	9/4/2025	41.37345	-73.15292	0.0002
199	Point	MyrSpi		2	1-3	9/4/2025	41.37345	-73.15289	0.0002
200	Point	MyrSpi		2	0-1	9/4/2025	41.37342	-73.15288	0.0002
201	Point	MyrSpi		2	0-1	9/4/2025	41.37355	-73.15302	0.0002
202	Point	MyrSpi		2	0-1	9/4/2025	41.37364	-73.15308	0.0002
203	Point	ValAme		2	1-3	9/4/2025	41.37629	-73.15542	0.0002
204	Point	ValAme		2	1-3	9/4/2025	41.37647	-73.15562	0.0002
205	Point	ValAme		2	1-3	9/4/2025	41.37653	-73.15563	0.0002
206	Point	ValAme		2	1-3	9/4/2025	41.37654	-73.15567	0.0002
207	Point	ValAme		2	1-3	9/4/2025	41.37655	-73.15569	0.0002
208	Point	ValAme		2	1-3	9/4/2025	41.37658	-73.15573	0.0002
209	Point	ValAme		2	1-3	9/4/2025	41.37707	-73.15656	0.0002
210	Point	ValAme		2	1-3	9/4/2025	41.37734	-73.15697	0.0002
211	Point	ValAme		2	1-3	9/4/2025	41.37731	-73.15698	0.0002
212	Point	ValAme		2	1-3	9/4/2025	41.37728	-73.15702	0.0002
213	Point	ValAme		2	1-3	9/4/2025	41.37735	-73.15709	0.0002
214	Point	ValAme		2	1-3	9/4/2025	41.37736	-73.15712	0.0002
215	Point	ValAme		2	1-3	9/4/2025	41.37739	-73.15722	0.0002
216	Point	MyrSpi		2	1-3	9/4/2025	41.37759	-73.15732	0.0002
217	Point	MyrSpi		2	0-1	9/4/2025	41.37772	-73.15737	0.0002
218	Point	MyrSpi		2	0-1	9/4/2025	41.37770	-73.15736	0.0002
219	Point	MyrSpi		2	1-3	9/4/2025	41.37771	-73.15745	0.0002
220	Point	MyrSpi		2	1-3	9/4/2025	41.37772	-73.15743	0.0002
221	Point	MyrSpi		2	1-3	9/4/2025	41.37762	-73.15737	0.0002
222	Point	MyrSpi		3	1-3	9/4/2025	41.37758	-73.15745	0.0002
223	Point	MyrSpi		3	1-3	9/4/2025	41.37759	-73.15738	0.0002
224	Point	MyrSpi		3	1-3	9/4/2025	41.37755	-73.15739	0.0002
225	Point	MyrSpi		3	1-3	9/4/2025	41.37755	-73.15739	0.0002
226	Point	MyrSpi		3	1-3	9/4/2025	41.37752	-73.15739	0.0002
227	Point	MyrSpi		3	1-3	9/4/2025	41.37749	-73.15737	0.0002
228	Point	MyrSpi		3	1-3	9/4/2025	41.37747	-73.15736	0.0002
229	Point	MyrSpi		3	1-3	9/4/2025	41.37745	-73.15735	0.0002

Appendix Lake Housatonic Invasive Plant Location data (15 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
230	Point	MyrSpi		3	1-3	9/4/2025	41.37643	-73.15664	0.0002
231	Point	ValAme		3	1-3	9/4/2025	41.37646	-73.15674	0.0002
232	Point	ValAme		3	1-3	9/4/2025	41.37631	-73.15659	0.0002
233	Point	ValAme		3	1-3	9/4/2025	41.37622	-73.15648	0.0002
234	Point	ValAme		2	1-3	9/4/2025	41.37506	-73.15559	0.0002
235	Point	ValAme		2	1-3	9/4/2025	41.37489	-73.15554	0.0002
236	Point	ValAme		3	1-3	9/4/2025	41.37482	-73.15546	0.0002
237	Point	ValAme		3	1-3	9/4/2025	41.37476	-73.15544	0.0002
238	Point	ValAme		3	1-3	9/4/2025	41.37472	-73.15541	0.0002
239	Point	ValAme		3	1-3	9/4/2025	41.37463	-73.15535	0.0002
240	Point	ValAme		3	1-3	9/4/2025	41.37460	-73.15531	0.0002
241	Point	ValAme		3	0-1	9/4/2025	41.37385	-73.15467	0.0002
242	Point	ValAme		3	1-3	9/4/2025	41.37386	-73.15463	0.0002
243	Point	ValAme		3	1-3	9/4/2025	41.37381	-73.15466	0.0002
244	Point	ValAme		3	1-3	9/4/2025	41.37354	-73.15428	0.0002
245	Point	ValAme		3	1-3	9/4/2025	41.37352	-73.15427	0.0002
246	Point	ValAme		2	1-3	9/4/2025	41.37340	-73.15414	0.0002
247	Point	ValAme		2	1-3	9/4/2025	41.37303	-73.15388	0.0002
248	Point	ValAme		2	1-3	9/4/2025	41.37302	-73.15389	0.0002
249	Point	ValAme		2	1-3	9/4/2025	41.37291	-73.15380	0.0002
250	Point	ValAme		2	1-3	9/4/2025	41.37286	-73.15374	0.0002
251	Point	ValAme		2	1-3	9/4/2025	41.37284	-73.15372	0.0002
252	Point	ValAme		2	1-3	9/4/2025	41.37194	-73.15314	0.0002
253	Point	ValAme		2	1-3	9/4/2025	41.37191	-73.15312	0.0002
254	Point	ValAme		3	1-3	9/4/2025	41.36975	-73.15106	0.0002
255	Point	ValAme		3	1-3	9/4/2025	41.36972	-73.15101	0.0002
256	Point	ValAme		3	1-3	9/4/2025	41.36966	-73.15099	0.0002
257	Point	ValAme		2	1-3	9/4/2025	41.36949	-73.15063	0.0002
258	Point	ValAme		2	1-3	9/4/2025	41.36950	-73.15072	0.0002
259	Point	ValAme		2	1-3	9/4/2025	41.36952	-73.15071	0.0002
260	Point	ValAme		2	1-3	9/4/2025	41.36952	-73.15067	0.0002
261	Point	ValAme		3	1-3	9/4/2025	41.36937	-73.15052	0.0002
262	Point	ValAme		3	1-3	9/4/2025	41.36932	-73.15052	0.0002
263	Point	ValAme		3	1-3	9/5/2025	41.36933	-73.15053	0.0002
264	Point	ValAme		3	1-3	9/5/2025	41.36922	-73.15035	0.0002
265	Point	ValAme		3	1-3	9/5/2025	41.36920	-73.15031	0.0002
266	Point	ValAme		3	1-3	9/5/2025	41.36917	-73.15026	0.0002
267	Point	ValAme		3	1-3	9/5/2025	41.36915	-73.15021	0.0002
268	Point	ValAme		3	1-3	9/5/2025	41.36913	-73.15017	0.0002
269	Point	ValAme		3	1-3	9/5/2025	41.36911	-73.15015	0.0002
270	Point	ValAme		3	1-3	9/5/2025	41.36910	-73.15013	0.0002
271	Point	ValAme		3	1-3	9/5/2025	41.36906	-73.15009	0.0002
272	Point	ValAme		3	1-3	9/5/2025	41.36905	-73.15006	0.0002
273	Point	ValAme		3	1-3	9/5/2025	41.36902	-73.15000	0.0002
274	Point	ValAme		3	1-3	9/5/2025	41.36899	-73.14992	0.0002
275	Point	ValAme		3	1-3	9/5/2025	41.36897	-73.14988	0.0002
276	Point	ValAme		3	1-3	9/5/2025	41.36897	-73.14985	0.0002
277	Point	ValAme		3	1-3	9/5/2025	41.36892	-73.14983	0.0002

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
278	Point	ValAme		3	1-3	9/5/2025	41.36892	-73.14981	0.0002
279	Point	ValAme		3	1-3	9/5/2025	41.36889	-73.14981	0.0002
280	Point	ValAme		3	1-3	9/5/2025	41.36888	-73.14977	0.0002
281	Point	ValAme		3	1-3	9/5/2025	41.36886	-73.14975	0.0002
282	Point	ValAme		3	1-3	9/5/2025	41.36865	-73.14940	0.0002
283	Point	ValAme		3	1-3	9/5/2025	41.36857	-73.14931	0.0002
284	Point	ValAme		3	1-3	9/5/2025	41.36855	-73.14928	0.0002
285	Point	ValAme		3	1-3	9/5/2025	41.36853	-73.14926	0.0002
286	Point	ValAme		3	1-3	9/5/2025	41.36847	-73.14917	0.0002
287	Point	ValAme		2	1-3	9/5/2025	41.36835	-73.14894	0.0002
288	Point	ValAme		2	1-3	9/5/2025	41.36826	-73.14882	0.0002
289	Point	ValAme		2	0-1	9/5/2025	41.36813	-73.14874	0.0002
290	Point	ValAme		2	0-1	9/5/2025	41.36812	-73.14874	0.0002
291	Point	ValAme		2	1-3	9/5/2025	41.36813	-73.14872	0.0002
292	Point	ValAme		2	1-3	9/5/2025	41.36791	-73.14845	0.0002
293	Point	ValAme		2	0-1	9/5/2025	41.36785	-73.14844	0.0002
294	Point	ValAme		2	0-1	9/5/2025	41.36783	-73.14844	0.0002
295	Point	ValAme		2	1-3	9/5/2025	41.36777	-73.14840	0.0002
296	Point	ValAme		2	1-3	9/5/2025	41.36768	-73.14831	0.0002
297	Point	ValAme		2	1-3	9/5/2025	41.36736	-73.14793	0.0002
298	Point	ValAme		2	1-3	9/5/2025	41.36733	-73.14789	0.0002
299	Point	ValAme		2	1-3	9/5/2025	41.36729	-73.14785	0.0002
300	Point	ValAme		2	1-3	9/5/2025	41.36617	-73.14640	0.0002
301	Point	ValAme		2	1-3	9/5/2025	41.36614	-73.14637	0.0002
302	Point	ValAme		2	1-3	9/5/2025	41.36611	-73.14632	0.0002
303	Point	ValAme		2	1-3	9/5/2025	41.36609	-73.14615	0.0002
304	Point	ValAme		2	1-3	9/5/2025	41.36594	-73.14591	0.0002
305	Point	ValAme		2	1-3	9/5/2025	41.36586	-73.14584	0.0002
306	Point	ValAme		2	0-1	9/5/2025	41.34847	-73.13079	0.0002
307	Point	ValAme		2	0-1	9/5/2025	41.34850	-73.13075	0.0002
308	Point	ValAme		2	0-1	9/5/2025	41.34849	-73.13072	0.0002
309	Point	ValAme		2	0-1	9/5/2025	41.34823	-73.13034	0.0002
310	Point	ValAme		2	0-1	9/5/2025	41.34823	-73.13032	0.0002
311	Point	ValAme		2	0-1	9/5/2025	41.34822	-73.13016	0.0002
312	Point	ValAme		2	0-1	9/5/2025	41.34819	-73.13011	0.0002
313	Point	ValAme		3	0-1	9/5/2025	41.34651	-73.12746	0.0002
314	Point	ValAme		3	0-1	9/5/2025	41.34639	-73.12731	0.0002
315	Point	MyrSpi		2	0-1	9/5/2025	41.34638	-73.12732	0.0002
316	Point	MyrSpi		2	0-1	9/5/2025	41.34638	-73.12734	0.0002
317	Point	MyrSpi		2	1-3	9/5/2025	41.34640	-73.12729	0.0002
318	Point	MyrSpi		2	1-3	9/5/2025	41.34635	-73.12720	0.0002
319	Point	MyrSpi		2	1-3	9/5/2025	41.34629	-73.12708	0.0002
320	Point	ValAme		2	1-3	9/5/2025	41.34620	-73.12694	0.0002
321	Point	ValAme		3	1-3	9/5/2025	41.34616	-73.12698	0.0002
322	Point	ValAme		3	1-3	9/5/2025	41.34610	-73.12676	0.0002
323	Point	ValAme		3	1-3	9/5/2025	41.34606	-73.12668	0.0002
324	Point	ValAme		3	1-3	9/5/2025	41.34605	-73.12665	0.0002
325	Point	ValAme		3	1-3	9/5/2025	41.34604	-73.12663	0.0002

Appendix Lake Housatonic Invasive Plant Location data (17 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
326	Point	ValAme		3	1-3	9/5/2025	41.34601	-73.12658	0.0002
327	Point	ValAme		3	1-3	9/5/2025	41.34600	-73.12657	0.0002
328	Point	ValAme		3	1-3	9/5/2025	41.34598	-73.12654	0.0002
329	Point	ValAme		3	1-3	9/5/2025	41.34596	-73.12652	0.0002
330	Point	ValAme		3	1-3	9/5/2025	41.34540	-73.12564	0.0002
331	Point	ValAme		3	1-3	9/5/2025	41.34538	-73.12558	0.0002
332	Point	ValAme		3	1-3	9/5/2025	41.33103	-73.11195	0.0002
333	Point	ValAme		3	1-3	9/5/2025	41.33110	-73.11213	0.0002
334	Point	ValAme		3	1-3	9/5/2025	41.33165	-73.11320	0.0002
335	Point	ValAme		3	1-3	9/5/2025	41.33191	-73.11364	0.0002
336	Point	ValAme		3	1-3	9/5/2025	41.33204	-73.11380	0.0002
337	Point	ValAme		3	1-3	9/5/2025	41.33208	-73.11383	0.0002
338	Point	ValAme		3	0-1	9/5/2025	41.35081	-73.13380	0.0002
339	Point	ValAme		3	0-1	9/5/2025	41.35079	-73.13388	0.0002
340	Point	ValAme		3	0-1	9/5/2025	41.35087	-73.13412	0.0002
341	Point	ValAme		3	0-1	9/5/2025	41.35081	-73.13380	0.0002
342	Point	ValAme		3	0-1	9/5/2025	41.35079	-73.13388	0.0002
343	Point	ValAme		3	0-1	9/5/2025	41.35087	-73.13412	0.0002
344	Point	ValAme		3	1-3	9/5/2025	41.35783	-73.13781	0.0002
0	Patch	MyrSpi	PotAmpA=3, ZosDobA=3	2	1-3	9/3/2025	41.34564	-73.12333	1.3509
1	Patch	ValAme		3	0-1	9/3/2025	41.33949	-73.12243	0.0625
2	Patch	ValAme		3	1-3	9/3/2025	41.33898	-73.12223	0.0104
3	Patch	ValAme		3	1-3	9/3/2025	41.33688	-73.12009	0.1777
4	Patch	MyrSpi	MyrSpi Very Sparse Within	2	1-3	9/3/2025	41.33586	-73.11642	1.5844
5	Patch	ValAme		3	1-3	9/3/2025	41.33025	-73.11320	0.0218
6	Patch	ValAme		3	1-3	9/3/2025	41.32749	-73.10895	0.0059
7	Patch	ValAme		3	1-3	9/3/2025	41.32652	-73.10722	0.0114
8	Patch	ValAme		3	1-3	9/3/2025	41.32543	-73.10462	0.0081
9	Patch	ValAme		3	1-3	9/3/2025	41.32760	-73.10211	0.3775
10	Patch	ValAme		3	1-3	9/3/2025	41.32789	-73.10460	0.0046
11	Patch	ValAme		4	1-3	9/3/2025	41.33069	-73.10340	8.2521
12	Patch	ValAme		4	1-3	9/3/2025	41.33294	-73.11408	0.2087
13	Patch	ValAme		4	1-3	9/3/2025	41.34190	-73.12145	0.3372
14	Patch	ValAme		4	1-3	9/3/2025	41.34223	-73.12219	0.0328
15	Patch	ValAme		4	0-1	9/3/2025	41.34439	-73.12234	0.1325
16	Patch	ValAme		4	1-3	9/3/2025	41.34551	-73.12293	0.1809
17	Patch	ValAme		4	1-3	9/3/2025	41.34647	-73.12453	0.0203
18	Patch	ValAme		4	1-3	9/3/2025	41.34777	-73.12600	0.0172
19	Patch	ValAme		4	1-3	9/3/2025	41.34977	-73.12972	0.1457
20	Patch	ValAme		4	1-3	9/3/2025	41.35012	-73.13139	0.0454
21	Patch	ValAme		4	0-1	9/3/2025	41.35165	-73.13468	0.2363
22	Patch	ValAme		4	1-3	9/3/2025	41.35254	-73.13628	0.0154
23	Patch	ValAme		3	1-3	9/3/2025	41.35479	-73.13705	0.0439
24	Patch	ValAme		4	1-3	9/3/2025	41.35757	-73.13711	0.4027
25	Patch	ValAme		4	1-3	9/3/2025	41.35879	-73.13802	0.0189
26	Patch	ValAme		4	1-3	9/3/2025	41.36247	-73.13823	0.2646
27	Patch	MyrSpi	MyrSpiNorthof_Inlet	3	1-3	9/3/2025	41.36602	-73.13884	2.5807
28	Patch	ValAme		2	1-3	9/3/2025	41.36717	-73.14407	0.3089

Appendix Lake Housatonic Invasive Plant Location data (18 of 18)

FID	Type	Invasive Plant Name	Notes	Abundance	Depth (m)	Date	Latitude	Longitude	Area (acres)
29	Patch	ValAme		2	1-3	9/3/2025	41.36781	-73.14632	0.0842
30	Patch	ValAme		2	1-3	9/3/2025	41.36843	-73.14701	0.0805
31	Patch	ValAme	MixedwithPotSpp_ZosDubMaybeOverestimated	2	1-3	9/4/2025	41.37500	-73.14842	4.3674
32	Patch	ValAme		2	1-3	9/4/2025	41.37550	-73.15444	0.0478
33	Patch	ValAme	MixedwithPotSpp_ZosDubMaybeOverestimated	2	1-3	9/4/2025	41.37615	-73.15473	0.1460
34	Patch	ValAme	MyrSpiSparseMoreSouthwithPotSpp_ZosDubOverestimated	3	1-3	9/4/2025	41.36603	-73.13845	9.0548
35	Patch	MyrSpi	MyrSpiPatchywith PotSpp_ZosDubMaybeOverestimated	2	1-3	9/4/2025	41.34808	-73.12795	0.4012
36	Patch	ValAme	ValAmeToWithin10mfromShore	4	1-3	9/4/2025	41.34066	-73.11644	12.2474
37	Patch	ValAme		3	1-3	9/4/2025	41.33861	-73.11660	0.5906
38	Patch	ValAme		2	0-1	9/4/2025	41.33757	-73.11633	0.0169
39	Patch	MyrSpi		2	0-1	9/4/2025	41.33752	-73.11627	0.0207
40	Patch	MyrSpi		2	1-3	9/4/2025	41.33764	-73.11643	0.0170
41	Patch	MyrSpi		1	1-3	9/4/2025	41.33796	-73.11659	0.1915
42	Patch	MyrSpi		3	1-3	9/4/2025	41.33862	-73.11688	1.0134
43	Patch	MyrSpi	MyrSpiVerySparseWithin	2	1-3	9/4/2025	41.33201	-73.11460	0.7289
44	Patch	ValAme		2	0-1	9/4/2025	41.33213	-73.11613	0.0911
45	Patch	ValAme		4	1-3	9/4/2025	41.33221	-73.11606	0.0700
46	Patch	ValAme		2	1-3	9/4/2025	41.33232	-73.11601	0.0756
47	Patch	ValAme		3	1-3	9/4/2025	41.32999	-73.10528	3.2200
48	Patch	ValAme		2	1-3	9/4/2025	41.32948	-73.10912	0.1798
49	Patch	PotCri		1	0-1	9/4/2025	41.34123	-73.12337	0.0449
50	Patch	MyrSpi	PotAmpA=3ZosDobA=3	2	1-3	9/5/2025	41.34105	-73.12287	1.6588
51	Patch	MyrSpi		2	0-1	9/5/2025	41.34117	-73.12352	0.0113
52	Patch	ValAme		2	1-3	9/5/2025	41.34123	-73.12331	0.0997
53	Patch	MyrSpi		1	1-3	9/5/2025	41.34876	-73.13117	0.0098
54	Patch	ValAme		2	1-3	9/5/2025	41.34879	-73.13109	0.0366
55	Patch	ValAme		2	0-1	9/5/2025	41.35860	-73.13795	0.0093
56	Patch	ValAme		2	0-1	9/5/2025	41.36298	-73.14123	0.1337
57	Patch	MyrSpi		2	1-3	9/5/2025	41.36282	-73.14142	0.0640
58	Patch	ValAme		3	1-3	9/5/2025	41.36905	-73.14827	0.0345
59	Patch	MyrSpi		2	1-3	9/5/2025	41.37641	-73.15645	0.0499
60	Patch	ValAme		2	1-3	9/5/2025	41.37643	-73.15654	0.0349
61	Patch	NajMin		2	1-3	9/5/2025	41.32978	-73.10902	0.0397
62	Patch	ValAme		3	1-3	9/5/2025	41.34564	-73.12333	1.3509
63	Patch	ValAme	MyrSpiVerySparseWithin	3	1-3	9/5/2025	41.33586	-73.11642	1.5844
64	Patch	ValAme	MyrSpiNorthofInlet	4	1-3	9/5/2025	41.36602	-73.13884	2.5807
65	Patch	ValAme	MyrSpiPatchywithPotSpp_ZosDubMaybeOverestimated	3	1-3	9/5/2025	41.34808	-73.12795	0.4012
66	Patch	ValAme	MyrSpiVerySparseWithin	3	1-3	9/5/2025	41.33201	-73.11460	0.7289
67	Patch	ValAme	PotAmpA=3, ZosDobA=3	3	1-3	9/5/2025	41.34105	-73.12287	1.6588

Transect Data

Appendix Lake Housatonic June Transect Data (2 of 2)

Transect	Point	Distance from Shore (m)	Surveyor	Latitude	Longitude	Date	Depth (m)	Substrate	CerDem	EioNut	LudSpp	NajFle	NajGua	PotSpp	PonCor	PotAmp	PotFol	PotGra	PotHil	PotPer	PotPlus	PotAss	PotZos	SagSpp	SpaSpp	SpiPol	ValAme	ZanPal	ZosDub	MyrSpi	NajMin	PotCri		
6	1	0.5	Summer Weidman	41.34870	-73.13125	6/25/2025	0.2	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	2	5	Summer Weidman	41.34873	-73.13124	6/25/2025	0.3	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	3	10	Summer Weidman	41.34875	-73.13122	6/25/2025	1.4	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	4	20	Summer Weidman	41.34883	-73.13115	6/25/2025	4.7	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	5	30	Summer Weidman	41.34890	-73.13107	6/25/2025	4.8	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	6	40	Summer Weidman	41.34896	-73.13099	6/25/2025	5.5	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	7	50	Summer Weidman	41.34903	-73.13090	6/25/2025	5.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	8	60	Summer Weidman	41.34912	-73.13083	6/25/2025	4.5	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	9	70	Summer Weidman	41.34919	-73.13076	6/25/2025	4.6	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	10	80	Summer Weidman	41.34925	-73.13070	6/25/2025	4.4	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	1	0.5	Summer Weidman	41.35854	-73.13796	6/25/2025	0.2	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	2	5	Summer Weidman	41.35853	-73.13802	6/25/2025	1.0	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
7	3	10	Summer Weidman	41.35850	-73.13808	6/25/2025	3.2	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	4	20	Summer Weidman	41.35848	-73.13819	6/25/2025	4.1	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	5	30	Summer Weidman	41.35844	-73.13829	6/25/2025	4.1	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	6	40	Summer Weidman	41.35842	-73.13842	6/25/2025	4.1	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	50	Summer Weidman	41.35842	-73.13855	6/25/2025	3.6	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	8	60	Summer Weidman	41.35841	-73.13867	6/25/2025	3.3	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	9	70	Summer Weidman	41.35839	-73.13880	6/25/2025	3.6	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	10	80	Summer Weidman	41.35838	-73.13891	6/25/2025	3.7	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0.5	Summer Weidman	41.36265	-73.14179	6/25/2025	0.1	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	2	5	Summer Weidman	41.36270	-73.14175	6/25/2025	0.8	Gravel	2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0	2	0	
8	3	10	Summer Weidman	41.36273	-73.14172	6/25/2025	0.8	Sand	0	2	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	3	0	0	2	0	3	0	
8	4	20	Summer Weidman	41.36280	-73.14165	6/25/2025	2.5	Silt	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	0	0	0	
8	5	30	Summer Weidman	41.36287	-73.14155	6/25/2025	2.2	Silt	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	6	40	Summer Weidman	41.36293	-73.14146	6/25/2025	2.4	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	7	50	Summer Weidman	41.36298	-73.14138	6/25/2025	2.3	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	8	60	Summer Weidman	41.36303	-73.14129	6/25/2025	2.1	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	
8	9	70	Summer Weidman	41.36308	-73.14121	6/25/2025	2.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	3	0	0	0	0	
8	10	80	Summer Weidman	41.36314	-73.14112	6/25/2025	2.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	
9	1	0.5	Summer Weidman	41.36913	-73.14852	6/25/2025	0.2	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	2	5	Summer Weidman	41.36908	-73.14857	6/25/2025	1.0	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	3	10	Summer Weidman	41.36903	-73.14861	6/25/2025	2.9	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	4	20	Summer Weidman	41.36897	-73.14867	6/25/2025	2.9	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	5	30	Summer Weidman	41.36891	-73.14874	6/25/2025	2.9	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	6	40	Summer Weidman	41.36883	-73.14883	6/25/2025	3.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	7	50	Summer Weidman	41.36877	-73.14891	6/25/2025	3.3	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	8	60	Summer Weidman	41.36871	-73.14901	6/25/2025	3.3	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	9	70	Summer Weidman	41.36865	-73.14910	6/25/2025	3.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	10	80	Summer Weidman	41.36861	-73.14920	6/25/2025	2.8	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	0.5	Summer Weidman	41.37679	-73.15591	6/25/2025	0.2	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	2	5	Summer Weidman	41.37677	-73.15594	6/25/2025	0.4	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
10	3	10	Summer Weidman	41.37675	-73.15600	6/25/2025	1.8	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	4	20	Summer Weidman	41.37671	-73.15611	6/25/2025	2.4	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	5	30	Summer Weidman	41.37666	-73.15621	6/25/2025	3.0	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	6	40	Summer Weidman	41.37661	-73.15632	6/25/2025	3.1	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	7	50	Summer Weidman	41.37655	-73.15641	6/25/2025	4.1	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	8	60	Summer Weidman	41.37649	-73.15653	6/25/2025	4.3	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	9	70	Summer Weidman	41.37644	-73.15661	6/25/2025	2.4	Sand	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	1	0
10	10	80	Summer Weidman	41.37639	-73.15671	6/25/2025	1.2	Sand	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	0	3	0	0

Appendix Lake Housatonic September Transect Data (2 of 2)

Transect	Point	Distance from Shore (m)	Surveyor	Latitude	Longitude	Date	Depth (m)	Substrate	CerDem	EloNut	LudSpp	NajFile	NajGua	PotSpp	PonCor	PotAmp	PotBer	PotBic	PotFol	PotGra	PotHil	PotNod	PotPer	PotPus	PotAss	PotZos	SagSpp	SpaSpp	SpilPol	ValAme	ZanPal	ZosDub	MyrSpi	NajMin	PotCri			
6	1	0.5	Greg Bugbee	41.34870	-73.13131	9/3/2025	0.1	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
6	2	5	Greg Bugbee	41.34873	-73.13123	9/3/2025	1.4	Sand	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0			
6	3	10	Greg Bugbee	41.34878	-73.13120	9/3/2025	1.9	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	4	20	Greg Bugbee	41.34886	-73.13114	9/3/2025	5.5	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	5	30	Greg Bugbee	41.34893	-73.13106	9/3/2025	6.2	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	6	40	Greg Bugbee	41.34899	-73.13100	9/3/2025	6.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	7	50	Greg Bugbee	41.34907	-73.13095	9/3/2025	5.6	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	8	60	Greg Bugbee	41.34915	-73.13085	9/3/2025	5.2	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	9	70	Greg Bugbee	41.34924	-73.13088	9/3/2025	5.4	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6	10	80	Greg Bugbee	41.34934	-73.13072	9/3/2025	5.2	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	1	0.5	Greg Bugbee	41.35853	-73.13799	9/3/2025	0.2	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
7	2	5	Greg Bugbee	41.35855	-73.13799	9/3/2025	0.0	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0		
7	3	10	Greg Bugbee	41.35850	-73.13807	9/3/2025	2.9	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	4	20	Greg Bugbee	41.35847	-73.13818	9/3/2025	4.5	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	5	30	Greg Bugbee	41.35840	-73.13825	9/3/2025	4.7	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	6	40	Greg Bugbee	41.35844	-73.13840	9/3/2025	4.8	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	7	50	Greg Bugbee	41.35843	-73.13853	9/3/2025	4.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	8	60	Greg Bugbee	41.35840	-73.13868	9/3/2025	4.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	9	70	Greg Bugbee	41.35840	-73.13875	9/3/2025	4.3	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	10	80	Greg Bugbee	41.35835	-73.13888	9/3/2025	4.0	Silt	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	1	0.5	Greg Bugbee	41.36266	-73.14174	9/3/2025	0.2	Sand	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0		
8	2	5	Greg Bugbee	41.36269	-73.14168	9/3/2025	1.0	Sand	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0		
8	3	10	Greg Bugbee	41.36271	-73.14161	9/3/2025	1.5	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	0	0		
8	4	20	Greg Bugbee	41.36274	-73.14151	9/3/2025	0.0	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	2	0	0	0	0	0		
8	5	30	Greg Bugbee	41.36284	-73.14146	9/3/2025	2.9	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0		
8	6	40	Greg Bugbee	41.36291	-73.14137	9/3/2025	2.7	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0		
8	7	40	Greg Bugbee	41.36292	-73.14124	9/3/2025	1.9	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0		
8	8	60	Greg Bugbee	41.36296	-73.14111	9/3/2025	1.8	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0		
8	9	70	Greg Bugbee	41.36299	-73.14105	9/3/2025	1.8	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	10	80	Greg Bugbee	41.36306	-73.14092	9/3/2025	1.7	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	1	0.5	Greg Bugbee	41.36906	-73.14846	9/3/2025	0.2	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	
9	2	5	Greg Bugbee	41.36900	-73.14841	9/3/2025	1.8	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	2	0	0	0	0	0	0	0	
9	3	10	Greg Bugbee	41.36896	-73.14844	9/3/2025	0.0	Gravel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	
9	4	20	Greg Bugbee	41.36890	-73.14855	9/3/2025	3.5	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	5	30	Greg Bugbee	41.36890	-73.14876	9/3/2025	3.6	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	6	40	Greg Bugbee	41.36885	-73.14881	9/3/2025	3.7	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	7	50	Greg Bugbee	41.36874	-73.14887	9/3/2025	4.0	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	8	60	Greg Bugbee	41.36869	-73.14894	9/3/2025	4.2	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	9	70	Greg Bugbee	41.36869	-73.14915	9/3/2025	3.8	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	10	80	Greg Bugbee	41.36869	-73.14928	9/3/2025	3.5	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	1	0.5	Greg Bugbee	41.37688	-73.15615	9/3/2025	0.1	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	2	5	Greg Bugbee	41.37683	-73.15620	9/3/2025	1.5	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	3	10	Greg Bugbee	41.37679	-73.15624	9/3/2025	2.6	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	4	20	Greg Bugbee	41.37671	-73.15628	9/3/2025	2.5	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	5	30	Greg Bugbee	41.37661	-73.15628	9/3/2025	3.8	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	6	40	Greg Bugbee	41.37652	-73.15634	9/3/2025	4.8	Sand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	7	50	Greg Bugbee	41.37646	-73.15637	9/3/2025	5.0	Sand	0	0	0	0																										

Notes

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