

**The Connecticut  
Agricultural  
Experiment  
Station**

123 Huntington Street  
New Haven, CT 06511



## **Connecticut River Gateway Conservation Zone**

*Invasive Aquatic Vegetation Survey  
Aquatic plant management options*

# **2019**

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# **CAES**

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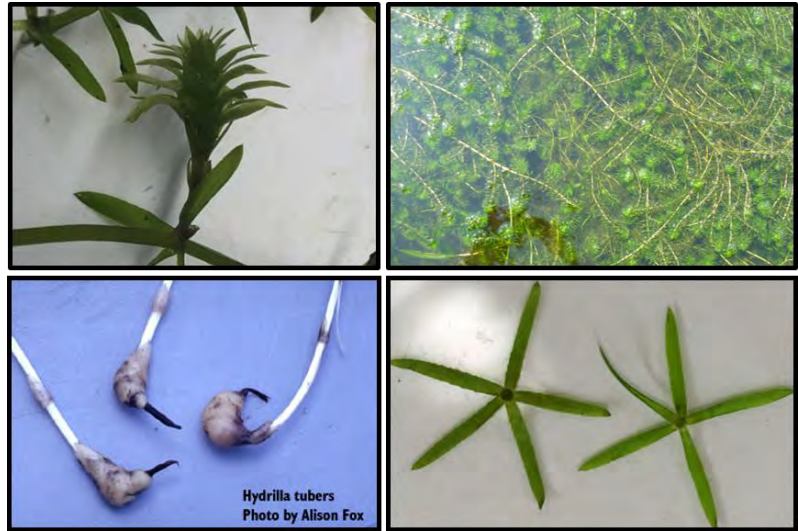


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## Introduction

Hydrilla (*Hydrilla verticillata*) is among the most troublesome invasive aquatic plants in many southern states. It crowds out native vegetation, harms fisheries, limits recreation, impedes navigation, and reduces property values. Often referred to as the perfect weed (Langeland, 1996), hydrilla can spread and persist by multiple methods including fragments, turions produced on stems, tubers produced on roots, and possibly seeds (Figure 1). Recently the cyanobacteria *Aetokthonos hydrillicola* found in stands of hydrilla has been linked to



avian vacuolar myelinopathy (AVM) and is thought to have caused the

deaths of more than 100 bald eagles in South Carolina and Arkansas. Winding 410 miles from the Canadian border through New Hampshire, Vermont, Massachusetts, and Connecticut, the Connecticut River empties into Long Island Sound. Its water sustains terrestrial and aquatic habitats critical to wildfowl, fisheries, and recreational opportunities. Following reports of hydrilla in the southern portion of the Connecticut River in 2016, a task force led by the Connecticut Agricultural Experiment Station (CAES) in conjunction with the Northeast Aquatic Nuisance Species Panel (NEANS) performed a preliminary hydrilla survey of the river from central Vermont/New Hampshire to southern Connecticut in 2018. The northern-most hydrilla sightings occurred in southern Massachusetts. From the Connecticut border south, the plant became common with portions of the river and its coves choked with the weed. The densest beds occurred in protected coves and on shallow shoals (Figure 2). In some coves, hydrilla spread over the surface making access by boat nearly impossible. Finding such dense stands in a northern state is alarming. CAES IAPP has found small populations in several lakes, but these do not compare to the extensive areas in the Connecticut River. Creating further

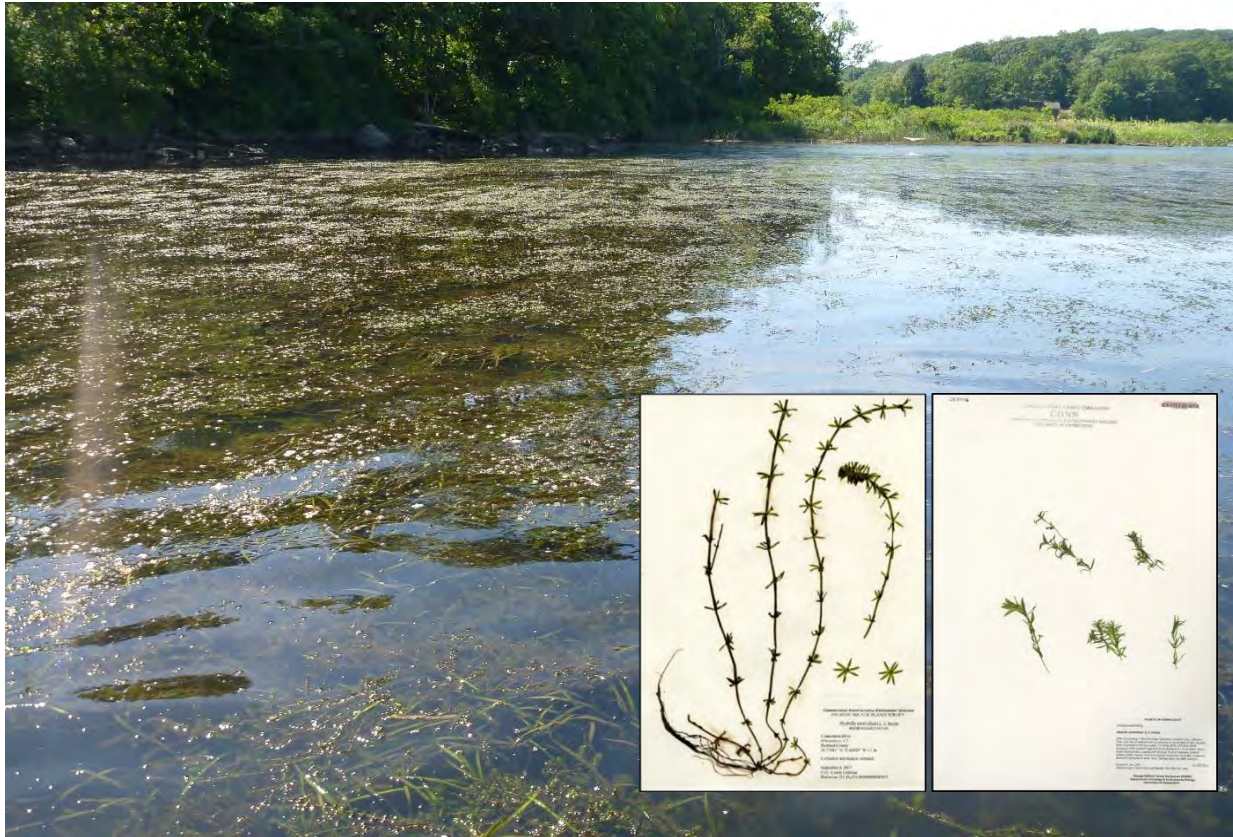


Figure 2. Hydrilla patch along shore of the Connecticut River. Inset shows a comparison between the robustness of the hydrilla in the Connecticut River (left) and Coventry Lake (right, G.S. Torrey Herbarium CONN).

worries, the Connecticut River hydrilla is far more robust than that found in Coventry Lake and elsewhere in Connecticut (Figure 2). Genetic testing funded by NEANS found the CT River hydrilla is not similar to any previously found in North America and is most closely related to strains in eastern Asia (Tippery et al. 2020). In addition to damage to the CT River and its tributaries, the spread of hydrilla to lakes and ponds by fragments on boat trailers or waterfowl is a grave concern. Management cost for even small hydrilla populations can be high. For instance, the cost for control efforts with herbicides in Coventry Lake currently exceeds \$100,000 annually.

In addition to hydrilla, other invasive aquatic plants are also a concern in the CT River. These include Eurasian watermilfoil (*Myriophyllum spicatum*), fanwort (*Cabomba caroliniana*), curlyleaf pondweed (*Potamogeton crispus*), water chestnut (*Trapa natans*), and variable-leaf watermilfoil (*Myriophyllum heterophyllum*) (see appendix for plant descriptions). The Gateway Conservation Zone, which consists of the southern third of the Connecticut section of the river, has been the subject of two previous surveys to compare with present conditions. The first was performed by the State Board



of Fisheries in 1947 (Hotchkiss 1947) and the second by the CT Department of Environmental Protection in 1994-95 (Barrett et al. 1997). These surveys found fanwort, Eurasian watermilfoil, and curlyleaf pondweed. Thus, hydrilla, variable-leaf watermilfoil, and water chestnut likely arrived in the river within the last 25 years. The 1994-95 survey proved valuable for this report as it was highly detailed and performed by individuals who were at the forefront on the use of GPS technology (Figure 3).

Since 2004, the Connecticut Agricultural Experiment Station (CAES) Invasive Aquatic Plant Program (IAPP) has surveyed or resurveyed aquatic vegetation and monitored water chemistry in nearly 250 Connecticut lakes and ponds (Figure 4). Approximately 59% of the lakes and ponds contain invasive (non-native) plant species that can cause rapid deterioration of aquatic ecosystems and recreation value. The presence of invasive species appears related to water

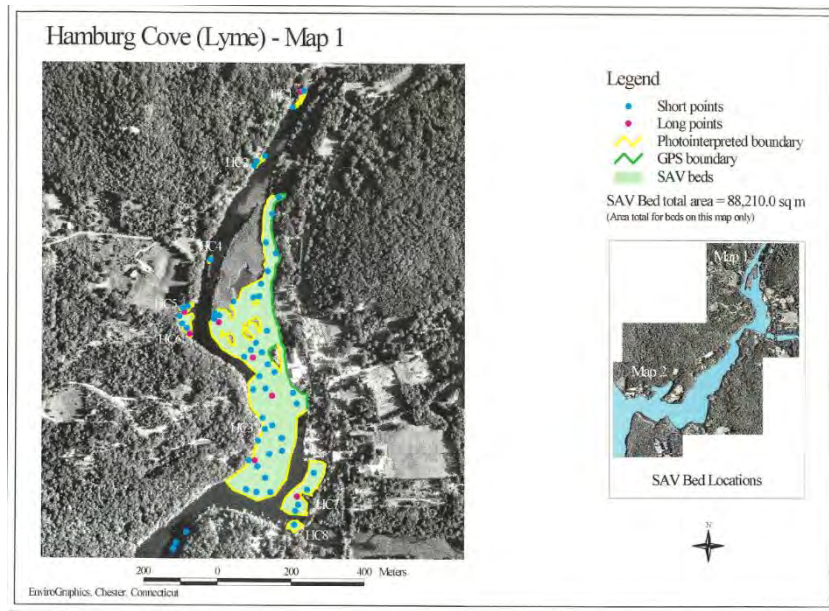


Figure 3. Submersed aquatic vegetation map (SAV) from the 1994-95 survey performed by Barrett et. al.

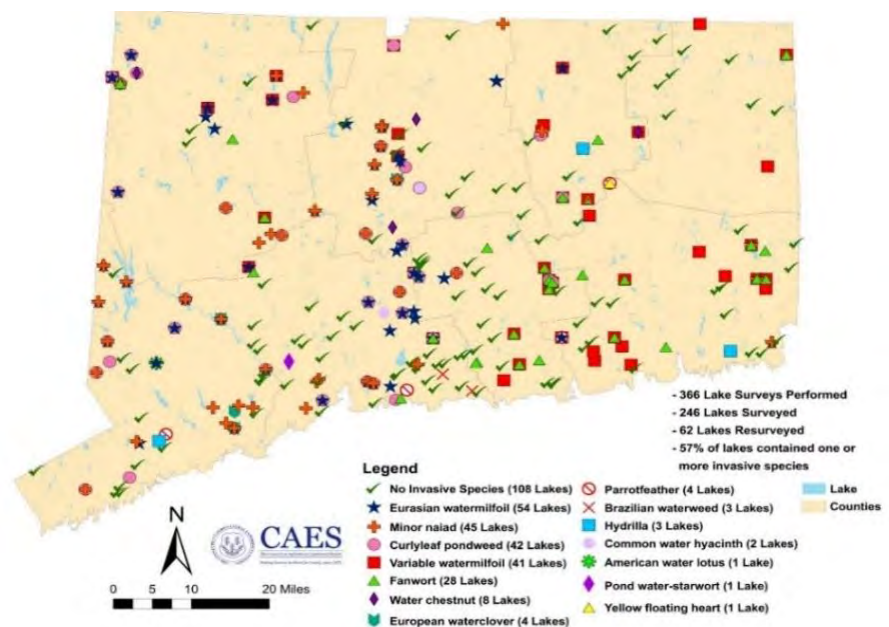


Figure 4. Occurrences of invasive aquatic plants in Connecticut lakes and ponds as determined by CAES IAPP from 2004-2019.

chemistry, public boat launches, and random events. The CAES IAPP information is stored on the online where stakeholders can view digitized vegetation maps, detailed transect data, temperature and dissolved oxygen profiles, as well as water tests for clarity, pH, alkalinity, conductivity, and total phosphorus (CAES IAPP, 2020). This information allows citizens, government officials, and scientists to view past conditions, compare them with current conditions, and make educated management decisions. Until this survey no rivers have been included, thus this marks an important expansion of the program. This is also the first time an interactive web app has been created to display the extent of invasive aquatic plants in the river. It can be found on our website (<https://portal.ct.gov/CAES/Invasive-Aquatic-Plant-Program/Connecticut-River/Connecticut-River-2019>).

## Materials and Methods

We surveyed the Gateway Conservation Zone (East Hampton/East Haddam border to Long Island Sound) for hydrilla and other invasive aquatic plants from August 8<sup>th</sup> to September 28<sup>th</sup> in 2019. A combination of visual sightings, rake tosses, and sonar with rake toss confirmation was used to locate plants. Invasive patches greater than one square meter were marked with polygons and smaller areas were marked with points using ESRI® and Trimble® geospatial technology with sub-meter accuracy. Each stand of invasive plants was assigned a qualitative density ranking (1 = very sparse/single plant – 5 = dense/to surface), and depth was recorded. Data were uploaded to a geographic information system (GIS) and digitized maps were created. An interactive web app was also created that can be found on our website (<https://portal.ct.gov/CAES/Invasive-Aquatic-Plant-Program/Connecticut-River/Connecticut-River-2019>). When field identifications were questionable, we brought samples back to the lab



Figure 5. Chris Doyle of Soiltude Lake Management Co. assisting CAES IAPP with tuber sampling.

for review using the taxonomy of Crow and Hellquist (2000a, 2000b). We post-processed the GPS data in Pathfinder® 5.85 (Trimble Navigation Limited, Sunnyvale, CA) and then imported it into ArcGIS® 10.6.1 (ESRI, Redlands, CA) where it was geo-corrected. Data were then overlaid onto 2010 United States Department of Agriculture - National Agricultural Inventory Program (NAIP) aerial imagery with one-meter resolution.

To provide added quantitative data on the invasive and native aquatic plant community, we established 10 reference transects. The transects were spread out along the east and west shores of the river and its coves where plant diversity was relatively high. Each transect contained 10 points (0.5, 5, 10, 20, 30, 40, 50, 60, 70 and 80 m from shore), and efforts were made to include at least one point with each invasive and native plant species. We recorded each plant species, abundance, depth, and sediment type. Tuber sampling was performed with the assistance of Chris Doyle (Solitude Lake Management, Inc.) on October 30, 2019 at select locations within marked hydrilla patches (Figure 5).

## Objectives

- Survey the Gateway Conservation Zone of the Connecticut River for invasive aquatic plants and provide detailed digitized maps.
- Compare with previous surveys performed in 1947 and 1994-95 and assess change.
- Provide potential aquatic plant management options

## Results and Discussion

*Invasive Aquatic Plant Survey* Table 1. Comparisons of invasive aquatic plants found in the Connecticut River Gateway Conservation Zone

Our 2019 survey of the Gateway Conservation Zone of the Connecticut River found six invasive aquatic plants:

| Connecticut River<br>Gateway Conservation Zone |                                   |          |             |      |
|------------------------------------------------|-----------------------------------|----------|-------------|------|
| Invasive Aquatic Plant                         |                                   | Presence |             |      |
| Common Name                                    | Scientific Name                   | 1947*    | 1994-1995** | 2019 |
| Curlyleaf pondweed                             | <i>Potamogeton crispus</i>        | ✓        | ✓           | ✓    |
| Eurasian watermilfoil                          | <i>Myriophyllum spicatum</i>      |          | ✓           | ✓    |
| Fanwort                                        | <i>Cabomba caroliniana</i>        |          | ✓           | ✓    |
| Hydrilla                                       | <i>Hydrilla verticillata</i>      |          |             | ✓    |
| Variable-leaf watermilfoil                     | <i>Myriophyllum heterophyllum</i> |          |             | ✓    |
| Water chestnut                                 | <i>Trapa natans</i>               |          |             | ✓    |

\*Hotchkiss, 1947

\*\*Barrett *et al.*, 1997



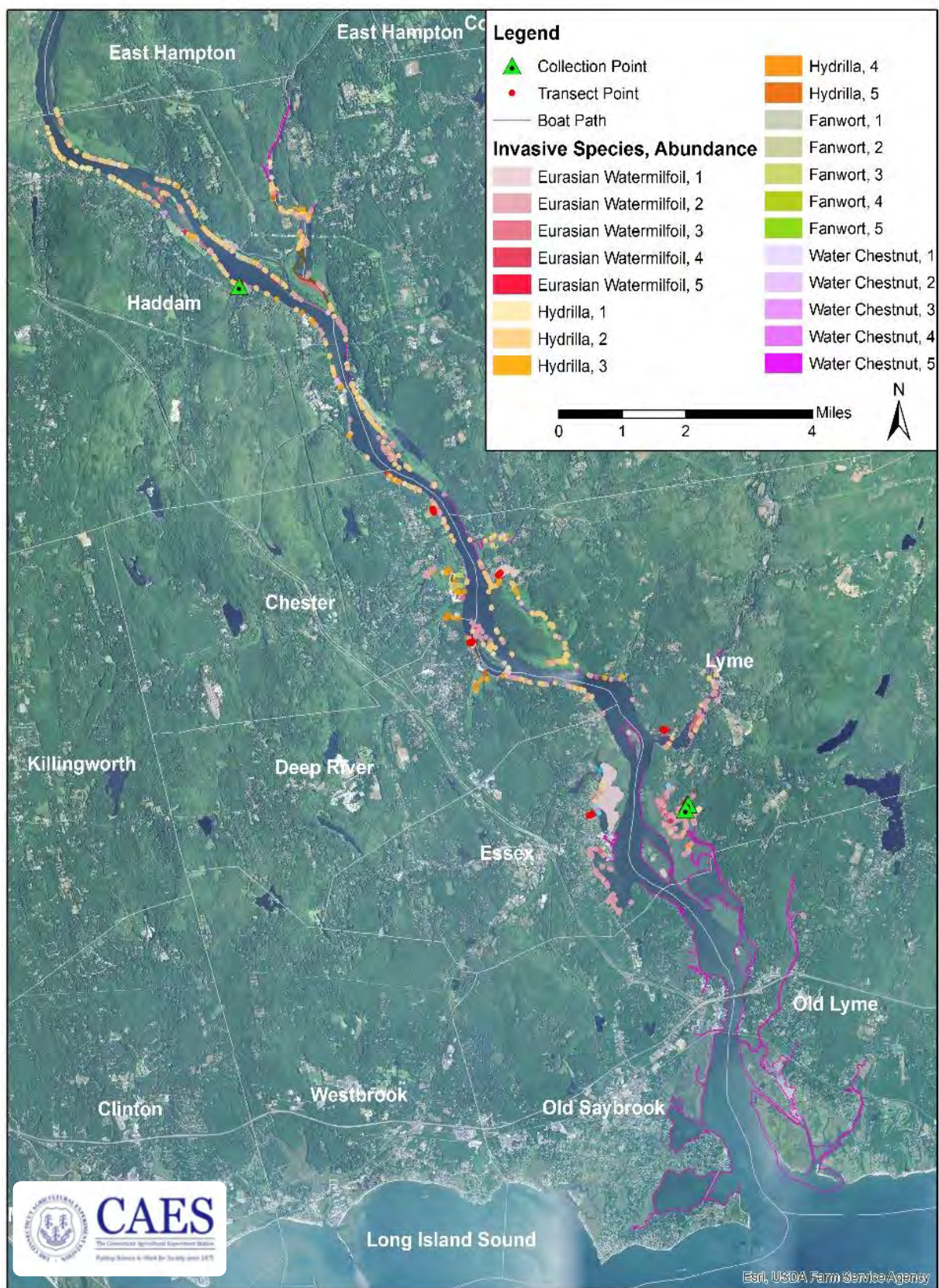


Figure 6. Entire Gateway Conservation Zone.

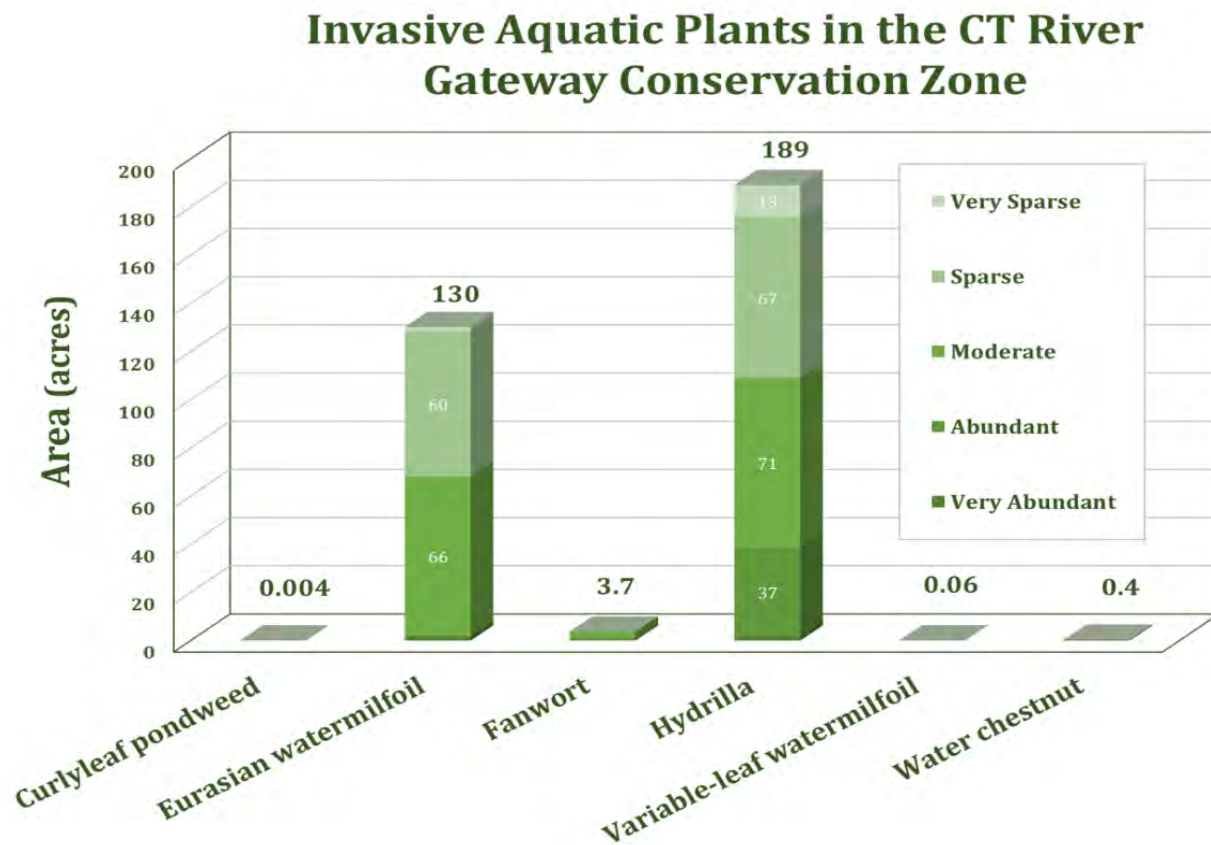


Figure 7. 2019 acreage of invasive aquatic plants in the Gateway Conservation Zone stacked by abundance levels (1-5).

curlyleaf pondweed, fanwort, Eurasian watermilfoil, hydrilla, variable-leaf watermilfoil and water chestnut. Only curlyleaf pondweed was found in 1947 (Hotchkiss 1947) while in 1994-95 curlyleaf pondweed, fanwort, and Eurasian watermilfoil were documented (Barrett et al. 1997) (Table 1). This increasing number of invasive species with each survey reflects a larger worldwide problem that in part is caused by increasing human induced transport and climate change (Hulme PE. 2009, Rahel and Olden, 2008).

Overall the Gateway Conservation Zone was comprised of frequent patches and points of hydrilla and Eurasian watermilfoil along the main stem's shore at depths of 0-1 meters. Depths are dependent on the river's height, which was primarily determined by the tide cycle. At low tide, beds of submersed aquatic vegetation (SAV), including invasives, were often exposed. At depths greater than 1 meter, SAV was rare, likely due to poor light penetration caused by brown organic derivatives and suspended



Table 2. Species frequency of occurrence on transects in the Connecticut River Gateway Conservation Zone.

| Common Name*                      | Scientific Name                          | FOQ<br>(%/transect point) |
|-----------------------------------|------------------------------------------|---------------------------|
| Arrowhead                         | <i>Sagittaria species</i>                | 4                         |
| Cattail                           | <i>Typha species</i>                     | 1                         |
| Clasping-leaf pondweed            | <i>Potamogeton perfoliatus</i>           | 22                        |
| Common duckweed                   | <i>Lemna minor</i>                       | 7                         |
| Coontail                          | <i>Ceratophyllum demersum</i>            | 32                        |
| Eel grass                         | <i>Vallisneria americana</i>             | 33                        |
| <b>Eurasian watermilfoil</b>      | <b><i>Myriophyllum spicatum</i></b>      | <b>40</b>                 |
| <b>Fanwort</b>                    | <b><i>Cabomba caroliniana</i></b>        | <b>6</b>                  |
| Great duckweed                    | <i>Spirodela polyrhiza</i>               | 12                        |
| Horned pondweed                   | <i>Zannichellia palustris</i>            | 19                        |
| <b>Hydrilla</b>                   | <b><i>Hydrilla verticillata</i></b>      | <b>44</b>                 |
| Primrose-willow                   | <i>Ludwigia species</i>                  | 3                         |
| Sevenangle pipewort               | <i>Eriocaulon aquaticum</i>              | 8                         |
| <b>Variable-leaf watermilfoil</b> | <b><i>Myriophyllum heterophyllum</i></b> | <b>1</b>                  |
| Waterwort                         | <i>Elatine species</i>                   | 2                         |
| Western waterweed                 | <i>Elodea nuttallii</i>                  | 15                        |
| White water lily                  | <i>Nymphaea odorata</i>                  | 7                         |
| Total Species Richness            |                                          | 17                        |
| Total Native Species Richness     |                                          | 13                        |
| Total Invasive Species Richness   |                                          | 4                         |
| <b>*Invasive species in bold</b>  |                                          |                           |

smaller amounts (Subset Maps in Appendix). Fanwort was mostly found within marinas. Curlyleaf pondweed experiences summer senescence, so our late summer survey may have missed patches present in June. Variable-leaf watermilfoil was only found in a few small patches in Hamburg Cove. Our survey was conducted after water chestnut management from CT DEEP, Lower Connecticut River Valley Council of Governments (RiverCOG), and Friends of Whalebone Cove, so much of what was present in June and July was pulled and absent in late summer.

On our ten transects established throughout the Gateway Conservation Zone, 17 aquatic plant species were found (Table 2). The four invasive species found on transects were Eurasian watermilfoil (40%), fanwort (6%), hydrilla (44%), and variable-leaf watermilfoil (1%). Hydrilla and Eurasian watermilfoil had the highest frequency of occurrence (FOQ) of all species found on transects. The most common native species were eel grass (*Vallisneria americana*) and coontail (*Ceratophyllum demersum*) with FOQ's of 33% and 32% respectively. Eleven other native species were found on transects giving the Gateway Conservation Zone a total native species richness of 13 species. Eel grass

silt. Suspended silt was noticeably greater during periods of high boat activity when wakes caused shoreline silt to mix.

Hydrilla was the dominant species in the CT River Gateway Conservation Zone occupying 189 acres (Figures 6 & 7). Eurasian watermilfoil was also abundant with 130 acres. Fanwort, curlyleaf pondweed, variable-leaf watermilfoil, and water chestnut were present in much

is considered a prime habitat for juvenile fish, and its potential replacement by invasive species is a concern.

Invasive aquatic plants inhabited four general river habitats: mainstem, coves, marinas, and tributaries. From Haddam to Deep River, hydrilla was common in the mainstem (Figure 8, top) and abundant in coves and tributaries (Figure 8, middle) at depths of about 2 m (6 feet). Often hydrilla and Eurasian watermilfoil were mixed with eel grass. South of Deep River, only Eurasian watermilfoil was common except for Hamburg Cove where it was mixed with hydrilla. The coves often contained a high diversity of shoreline plants whose identification was beyond the scope of this work. Tributaries often contained hydrilla, Eurasian watermilfoil, and occasional water chestnut considerable distances from the mainstem. No invasive species were found south of Essex except for a small amount of Eurasian watermilfoil in the northern section of the Lieutenant River. This was likely caused by an increase in salinity as the river nears Long Island Sound. Marinas in the Chester area often contained fanwort that was a greater nuisance than the cohabitating hydrilla and Eurasian watermilfoil (Figure 8, bottom).



Figure 8. Invasive plants in the Connecticut River River's mainstem, coves, marinas, and tributaries.



## Aquatic Vegetation Management Options

Managing nuisance aquatic vegetation in the Connecticut River will be challenging because the river has extensive areas of desirable native vegetation such as eel grass and numerous state listed species. River flow and tidal movement will also enhance movement and establishment of plant propagules. In addition, large numbers of residents utilize the river's numerous boat launches. Movement of invasive species by boat trailering is likely making introductions at other launch sites particularly acute. Management options in-

clude preventing offsite movement through education and launch site monitors as well as in situ controls such as harvesting, herbicides, bottom barriers, and biological controls (Cooke et al., 2005). Sometimes no management is preferable.

Education includes media reports, workshops, signage, and inspections. As a result of this work CAES IAPP issued a press release in May 2020 describing the findings. Signage has been developed by the CT DEEP for state owned launch ramps and NEANS for private access points to convey the hydrilla problem (Figure 9). A primary reason for the signage is to prevent the movement of hydrilla and other invasive species to uninfested lakes and rivers via boats and trailers. Boat launch monitors and dedicated cleaning stations are also helpful. CAES IAPP provides invasive aquatic plant workshops to educate government officials, citizen scientists, boat launch monitors, and the general public on how to identify, report, and manage non-native species. To request a workshop, visit our website <https://www.portal.ct.gov/caes-iapp> . These educational opportunities often lead to early detection when response efforts can be most effective.

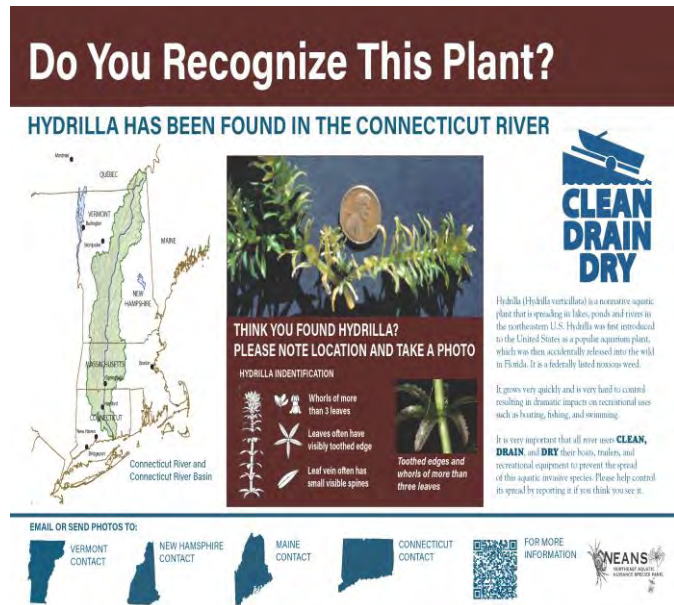


Figure 9. Boat launch signage describing hydrilla problem.



Figure 10. CT DEEP hand harvesting water chestnut (left, photo credit Judy Preston, CT Sea Grant). Mechanical harvesting of hydrilla (right, photo credit Given's Shorescapes).

Harvesting is particularly effective on pioneer infestations and plants species that are near the surface without perennial root systems. The inability to propagate by fragmentation, seeds, tubers and turions is also a plus. Water chestnut meets these criteria, but harvesting needs to be done early in the season prior to seed development. Harvesting of water chestnut in the CT River has been in progress for many years (Figure 10, left). Normally hydrilla is not well suited to harvesting because the plant's tubers and turions remain in the sediment and lead to regeneration. The apparent lack of tubers in the Connecticut River strain of hydrilla may make this technique more effective.

Herbicides can be effective in controlling unwanted aquatic vegetation particularly when species are susceptible, resistant propagules are lacking, and water movement is minimal. In Connecticut, herbicide applications will need clearance from the CT DEEP Pesticides Unit and the Natural Diversity Database. In addition, each town where the applications are to occur will need to be notified and allowed to comment. Herbicides fall into two general categories. Those that act on contact with the vegetation and those that are systemic and travel throughout the plant. Contact herbicides usually provide fast results with short-term (single year) benefits (AERF, 2014). Systemic herbicides are slower acting but can travel to the plants root system where both the above and below sediment plant parts are eliminated creating longer term control. Herbicides must also be chosen carefully as some have efficacy on certain target species and not others. In addition, desirable plants, particularly those that are state listed due to their rarity, may need to be tolerant. Specifics on the use of aquatic herbicides

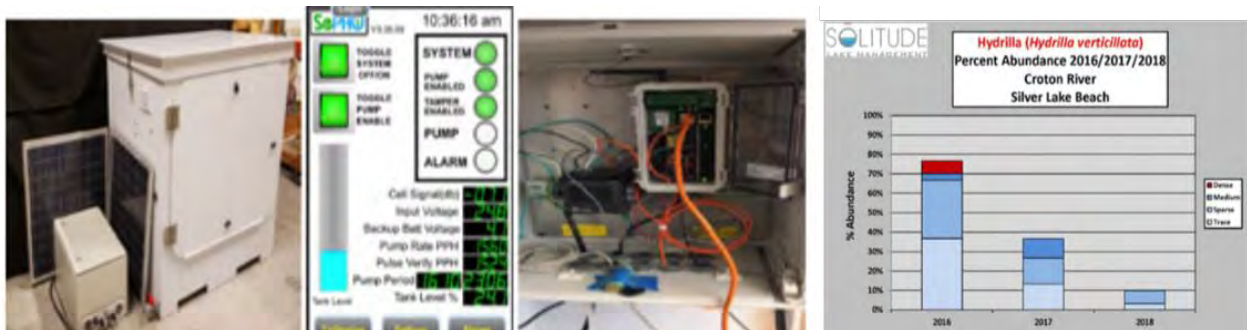


Figure 11. Herbicide injection system successfully used on the Croton River to control hydrilla (photo credit New York Department of Environmental Conservation).

in Connecticut are found in the CT DEEP publication entitled “Nuisance Aquatic Vegetation Management: A Guidebook” (CTDEP, 2005). In addition to being costly, herbicide applications are often polarizing and controversial.

Work by the New York State Department of Environmental Conservation on hydrilla infested portions of the Croton River found low dose injections of the herbicide fluoridone upstream caused a substantial decrease in hydrilla after five years of treatments (Figure 11, McGlynn and Eyres, 2018). CAES IAPP is currently testing a new herbicide called ProcellaCOR that has the potential for improved control of hydrilla compared to many existing products.

Benthic barriers or “bottom blankets” are effective at eliminating nuisance vegetation in small areas such as swim zones, around docks, and pioneer infestations. CAES IAPP has tested short-term placement (<30 days) of the barriers in Lake Quon-



Figure 12. CAES IAPP preliminary testing of short-term benthic barriers in Lake Quonnapaug (left) and Bashan Lake (right).

nipaug and Bashan Lake with outstanding results (Figure 12). Season long control for Eurasian watermilfoil and fanwort was achieved and similar results would be expected for hydrilla. Thus, although labor intensive, benthic





Figure 13. Grass carp introduction into Candlewood Lake in 2015 (left). By 2018 the fish had shown considerable growth (right).

barriers may be able to be moved from place to place during a season for effective control. Use may be most effective in smaller marinas.

Although efforts are underway to find biological controls for nuisance aquatic vegetation, breakthroughs have been limited. CAES has worked with officials from the United States Department of Agriculture to find new plant pathogens and insects that control nuisance aquatic plants with little success. To date the only biological control used in Connecticut are grass carp (*Ctenopharyngodon idella*). Grass carp are an herbivorous fish that feed on most submersed aquatic plants but prefer hydrilla. Over-stocking in some waterbodies has led to an undesirable reduction in plants needed for fish and other wildlife. The introduction of grass carp into Connecticut lakes requires approval by the CTDEEP. In Connecticut, only sterile grass carp (triploid) are permitted. Introducing grass carp in the Connecticut River would likely be highly scrutinized by regulatory officials because of nontarget species and their propensity to migrate from where they were stocked.

Forgoing management in concert with spread prevention actions is sometime preferable if the collateral impacts of methods are unclear, the problem has been inadequately defined, funding is inadequate, public support is lacking, and/or further research is needed. CAES IAAP has entered talks with researchers at North Carolina State University on researching herbicide use on the Connecticut River hydrilla. Surveillance is employed to determine if populations of invasive plants are growing and

spreading to new locations. An immediate need is the completion of the survey of the remaining portion of the Connecticut section of the river to document the extent of the invasive aquatic plant species problem upstream. Salinity in the southern end of the Connecticut River will likely prevent establishment of the invasive plants described in this report in this area.

## Conclusions

Invasive aquatic plants are posing an ever-increasing risk to the Gateway Conservation Zone. Our 2019 survey found six invasive aquatic plants: curlyleaf pondweed, fanwort, Eurasian watermilfoil, hydrilla, variable-leaf watermilfoil, and water chestnut. In 1947, only curlyleaf pondweed was present while in the mid 1990's fanwort and Eurasian watermilfoil were added. This increasing number of invasive species reflects a larger worldwide problem. Overall, the Gateway Conservation Zone had frequent patches and points of hydrilla and Eurasian watermilfoil along the main stem's shore at depths of 0-1 meters. At low tide, beds of submersed aquatic vegetation (SAV) including invasives were often exposed. Hydrilla was the dominant species in the Gateway Conservation Zone occupying 189 acres while Eurasian watermilfoil covered 130 acres. Fanwort, curlyleaf pondweed, variable-leaf watermilfoil, and water chestnut were present in much smaller amounts. Fanwort was found mainly in marinas where, along with hydrilla, it represented a severe nuisance. From Haddam to Deep River, hydrilla was common in the mainstem and abundant in coves and tributaries. Often hydrilla and Eurasian watermilfoil were mixed with native eel grass which is a valuable habitat for juvenile fish. Invasive species were not prevalent south of Essex, probably because of increased salinity. Our survey was conducted after water chestnut harvesting was performed by CT DEEP, RiverCOG, and Friends of Whalebone Cove. Our ten transects found the four invasive species with hydrilla and Eurasian watermilfoil most frequent and 13 native species with eel grass and coontail most frequent.

Managing nuisance aquatic vegetation in the Connecticut River will be challenging. Options include harvesting, herbicides, biological controls, and bottom barriers. Sometimes no management is preferable. Signage, other forms of education, boat launch monitors, and cleaning stations can help prevent spread to uninfested waterbodies. Many of these options need further research as does completing the survey of the remaining portion of the Connecticut River to document the conditions upstream.

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## References

- AERF. 2014. Biology and Control of Aquatic Plants, A Best Management Practices Hand-book: Third Edition. Gettys LA. Haller WT, Petty DG, eds. Aquatic Ecosystem Restoration Foundation, Marietta GA. 238 pp.
- Barrett JM, Prisloe M, Giannotti L, Barrett N. 1997. Distribution and abundance of submerged aquatic vegetation in the lower, tidal Connecticut River. Long Island Sound Foundation Center, 1406. 308 pp.
- CAES IAPP. 2020. The Connecticut Agricultural Experiment Station Invasive Aquatic Plant Program (CAES IAPP). Retrieved May 18, 2020. <https://www.portal.ct.gov/caes-iapp>.



- Connecticut Department of Environmental Protection. 2005. Nuisance Aquatic Vegetation Management: A Guidebook. Pesticide Management Program, 79 Elm St. Hartford, CT 06106-5127. [http://www.ct.gov/deep/lib/deep/pesticide\\_certification/Supervisor/aweeds.pdf](http://www.ct.gov/deep/lib/deep/pesticide_certification/Supervisor/aweeds.pdf)
- Cooke GD, Welch EB, Peterson SA and Nichols SA. 2005. Restoration and Management of Lakes and Reservoirs. Boca Raton, FL. Taylor and Francis Group LLC.
- Crow GE, Hellquist CB. 2000a. Aquatic and Wetland Plants of Northeastern North America. Volume One Pteridophytes, Gymnosperms, and Angiosperms: Dicotyledons. Madison, Wisconsin. The University of Wisconsin Press. 480 pp.
- Crow GE, Hellquist CB. 2000b. Aquatic and Wetland Plants of Northeastern North America. Volume Two Angiosperms: Monocotyledons. Madison, Wisconsin. The University of Wisconsin Press. 400 pp.
- Hotchkiss AT. 1947. Aquatic vegetation of the lower Connecticut River. State Board of Fish and Game. unpubl. report. 51 pp.
- Hulme PE. 2009. Trade, transport and trouble: managing invasive species pathways in an era of globalization. *Journal of Applied Ecology*. 46(1): 10-18.
- Langeland KA. 1996. *Hydrilla verticillata* (L.F.) Royle (Hydrocharitaceae), "The Perfect Aquatic Weed." *Castanea*. 61(3):293-304.
- McGlynn C, Eyres W. 2018. Croton River Hydrilla Control Project - Five Year Management Plan. New York State Department of Environmental Conservation, Bureau of Invasive Species and Ecosystem Health. 25 pp. [https://www.dec.ny.gov/docs/lands\\_forests\\_pdf/croton5yrplan\(1\).pdf](https://www.dec.ny.gov/docs/lands_forests_pdf/croton5yrplan(1).pdf) retrieved 6/22/2020.
- Rahel FJ, Olden JD, 2008. Assessing the Effects of Climate Change on Aquatic Invasive Species. *Conservation Biology*. 22(3): 521-533.
- Tippery NP, Bugbee GJ, Stebbins SE. 2020. Evidence for a genetically distinct strain of introduced *Hydrilla verticillata* (Hydrocharitaceae) in North America. *J. Aquat. Plant Manage.* 58: 1-6.

# Appendix

## *Invasive Plant Descriptions*



# *Cabomba caroliniana*

## Common names:

Fanwort

Carolina fanwort

## Origin:

Southeast United States

South America

## Key features:

Plants are submersed

**Stems:** Can be 6 feet (2 m) long

**Leaves:** Dissected, opposite leaves 0.8-2 inches (2-5 cm) are fan-like and made up of forked leaflets attached to the stem by a petiole. Floating leaves 0.2-0.8 inches (6-20 mm) wide are oblong and produced on flower shoots

**Flowers:** Small, solitary flowers are usually white to pinkish

**Fruits/Seeds:** Flask shaped

**Reproduction:** Seed and fragmentation

## Easily confused species:

Watermilfoils: *Myriophyllum* spp.

White water crowfoot: *Ranunculus longirostris*

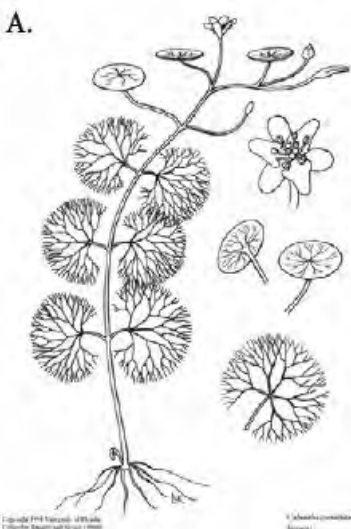
Water marigold: *Megalodonta beckii*



Photo by CAES IAPP



Opposite Leaves



A. Copyright 1991 Univ. of Florida, Center for Aquatic and Invasive Plants

B. Copyright 2002 Univ. of Florida, Photo by A. Murray

C. Photo by A. Smagula



# *Hydrilla verticillata*\*

## Common name:

Hydrilla

## Origin:

Asia

## Key features:

Plants are submersed

**Stems:** Slender, branched and up to 25 feet (7.5 m) long

**Leaves:** Whorled leaves approx. 0.7 inches (1.5 cm) long, whorls often have 5 leaves (range 4-8); leaf margins are visibly toothed

**Flowers:** Female flowers have three translucent petals that have reddish streaks; male flowers have three petals and can be white to red in color

**Fruits/Seeds:** Small tubers (key feature) can be found in the sediment, turions form along the stem

**Reproduction:** Fragmentation, turions, tubers and seeds

## Easily confused species:

Waterweeds (Native): *Elodea nuttallii* and *Elodea canadensis*

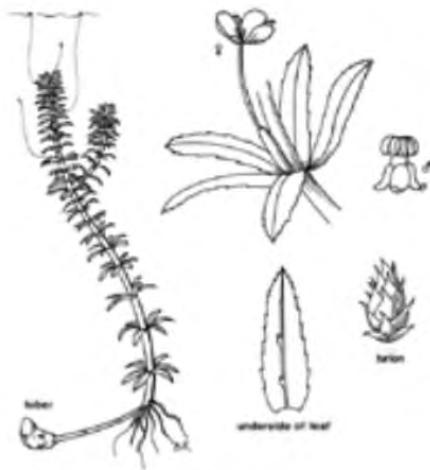
Brazilian waterweed: *Egeria densa*



Photo by CAES IAPP



Photo by CAES IAPP



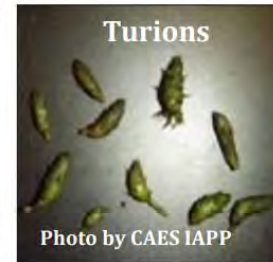
Copyright 1991 Univ. of Florida  
Center for Aquatic and Invasive Plants

*Hydrilla verticillata*  
*Hydrilla*



Tuber

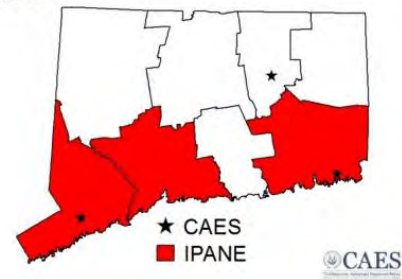
Photo by CAES IAPP



Turions

Photo by CAES IAPP

\*This plant is extremely aggressive in the south-eastern U.S.. It is now established in the Connecticut and Silvermine river systems and is of great concern.





# *Myriophyllum heterophyllum*

## Common names:

Variable-leaf watermilfoil

Variable watermilfoil

Two-leaf watermilfoil

## Origin:

Southern United States

## Key features:

Plants are submersed

**Stems:** Dark brown stems extend to the water's surface and spread to form large mats

**Leaves:** Triangular with  $\leq 11$  pairs of leaflets. Leaves are dissected and whorled (4-6 leaves/whorl) resulting in a feathery appearance with leaf whorls  $< 1$  inch apart giving it a ropy appearance

**Flowers:** Inflorescence spike 2-14 inches (5-35 cm) long extend beyond the water's surface with flowers in whorls of four with reddish petals

**Fruits/Seeds:** Fruits are almost round, with a rough surface

**Reproduction:** Fragmentation and seeds

## Easily confused species:

Eurasian watermilfoil: *Myriophyllum spicatum*

Low watermilfoil: *Myriophyllum humile*



# *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  $\geq 12$  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

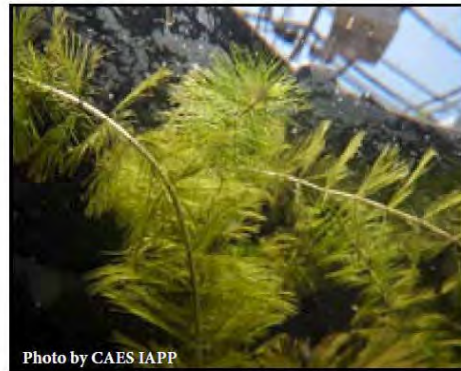
**Easily confused species:**

Variable-leaf watermilfoil: *Myriophyllum heterophyllum*

Low watermilfoil: *Myriophyllum humile*

Northern watermilfoil: *Myriophyllum sibiricum*

Whorled watermilfoil: *Myriophyllum verticillatum*



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# *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



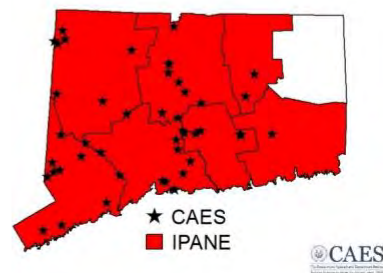
Photo by CAES IAPP



Photo by CAES IAPP



Photo by Leslie J. Mehrhoff



# *Trapa natans*

## **Common names:**

Water chestnut  
European water chestnut

## **Origin:**

Asia and Europe

## **Key features:**

Plants are rooted to substrate and float

**Stems:** Stem is submersed, flaccid and can be up to 15 feet (5 m) long

**Leaves:** Leaves 0.8-0.16 inches (2-4 cm) long are triangular and toothed along the front edge with inflated petioles, leaves float in a rosette pattern

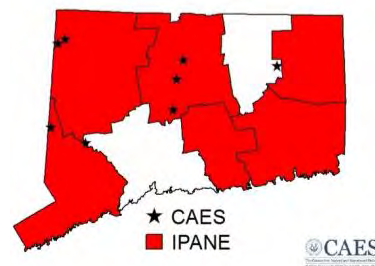
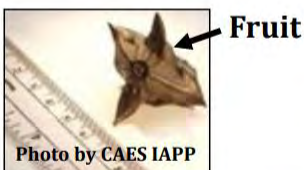
**Flowers:** Flowers are located in the center of the rosette and have four white petals

**Fruits/Seeds:** Fruit is hard and has four sharp spines

**Reproduction:** Seeds and fragmentation

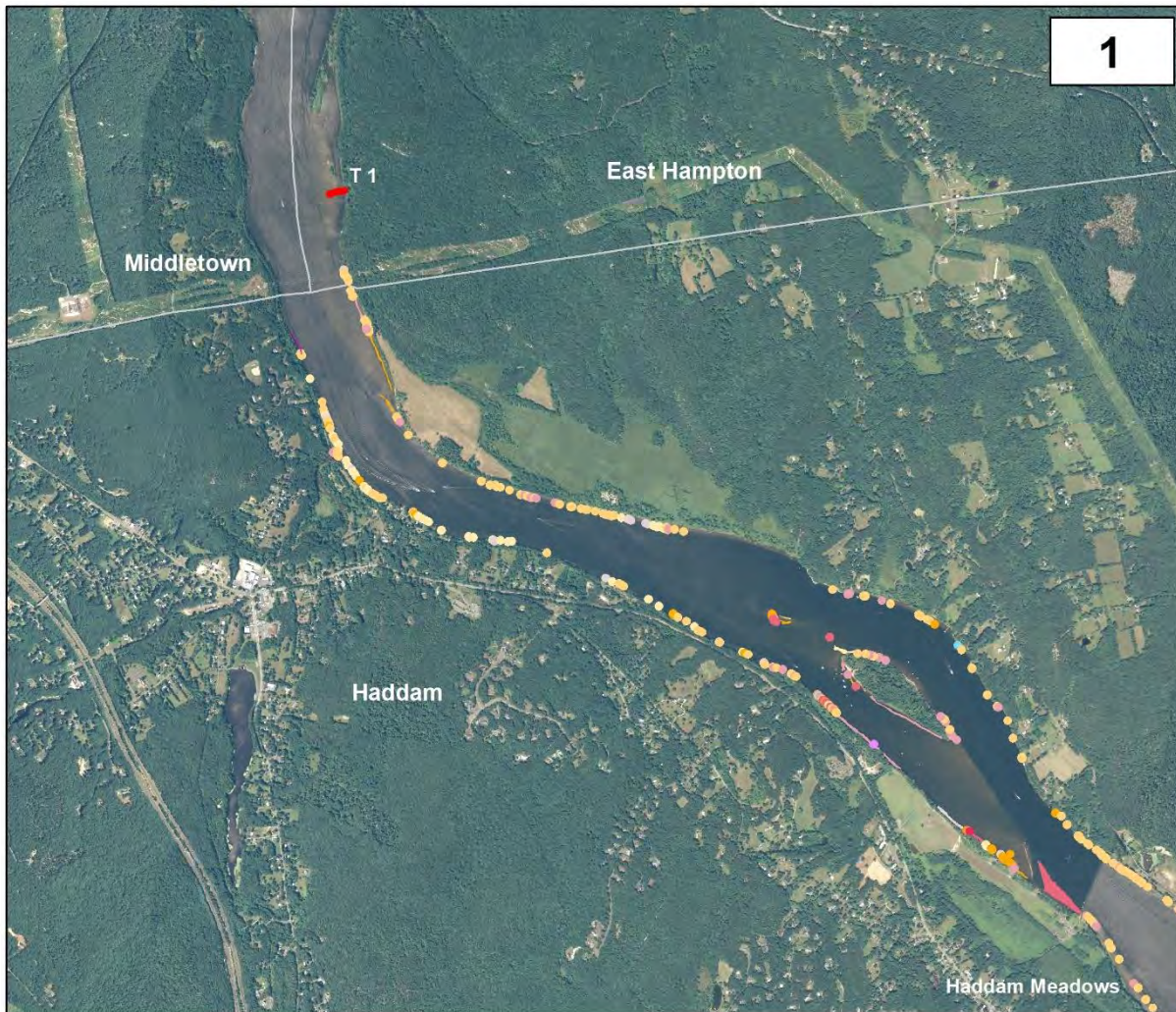
## **Easily confused species:**

None



*Aquatic Plant Survey Maps by Section*





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### Legend

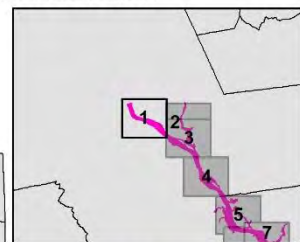
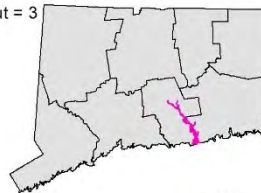
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

**Abundance Scale: 1=Sparse - 5=Abundant**

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4
- Eurasian watermilfoil = 5

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Water chestnut = 1
- Water chestnut = 2
- Water chestnut = 3
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5



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0 0.5 1 2 Miles





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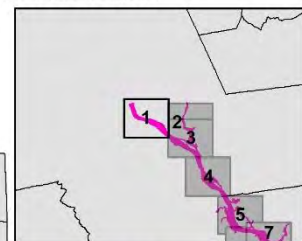
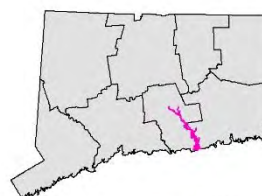
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

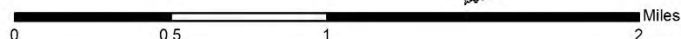
### Invasive Patch/Point

Abundance Scale: 1= Sparse - 5= Abundant

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2



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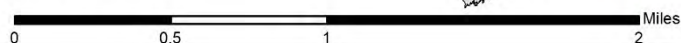
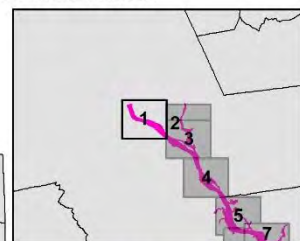
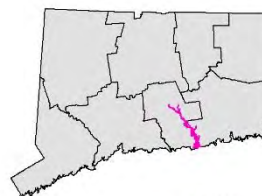
### Legend Zone

- ▲ Collection Point
- Transect Point
- Survey Path

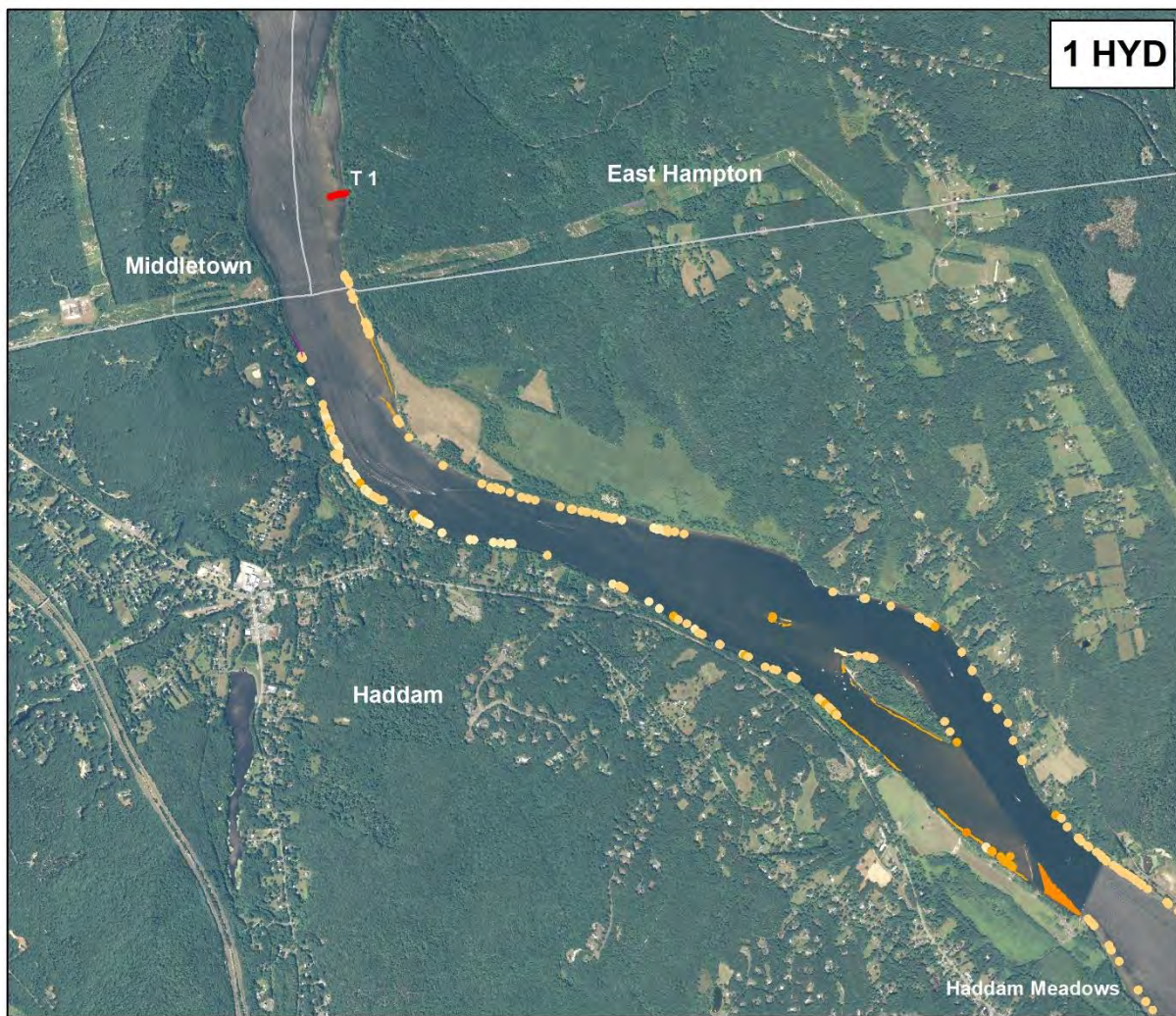
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4
- Eurasian watermilfoil = 5







## Connecticut River Gateway Conservation

### Legend Zone

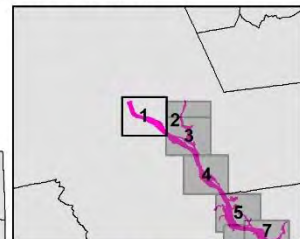
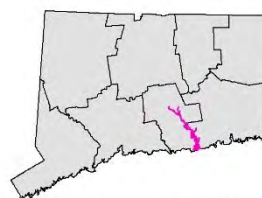
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

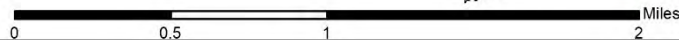
Abundance Scale: 1=Sparse - 5=Abundant

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5

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Section 4: 2018 survey of Pachaug Pond (Top), 2017 survey (Bottom).





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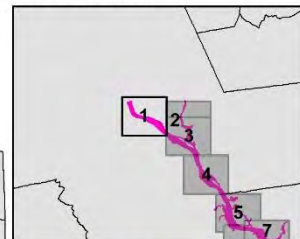
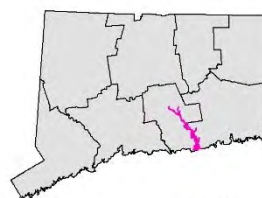
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

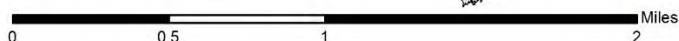
### Invasive Patch/Point

**Abundance Scale: 1=Sparse - 5=Abundant**

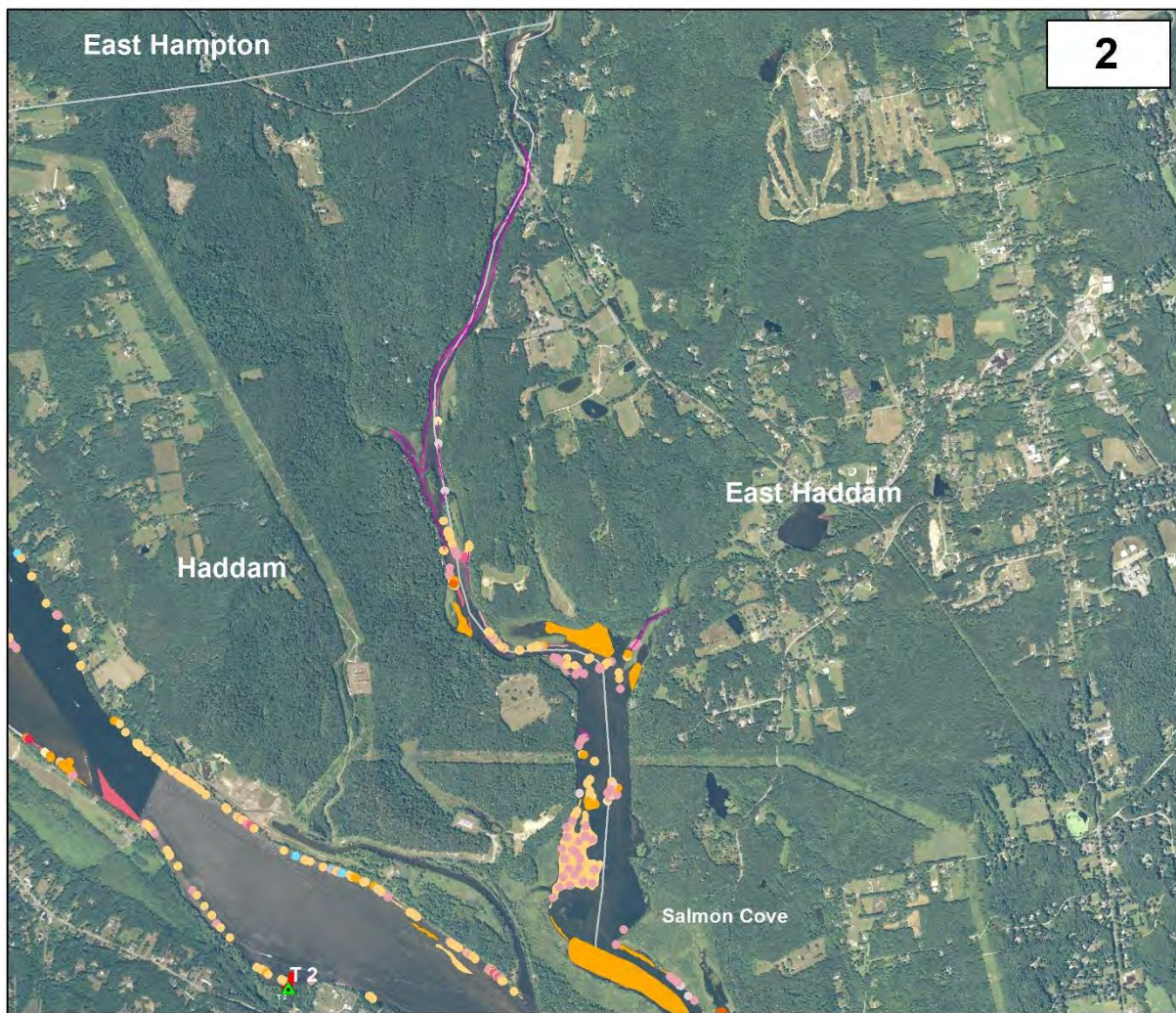
- Water chestnut = 1
- Water chestnut = 2
- Water chestnut = 3



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### Legend

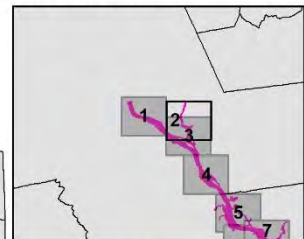
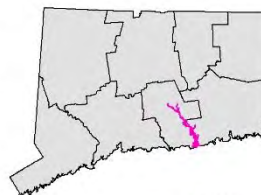
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

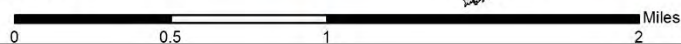
**Abundance Scale: 1=Sparse - 5=Abundant**

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4

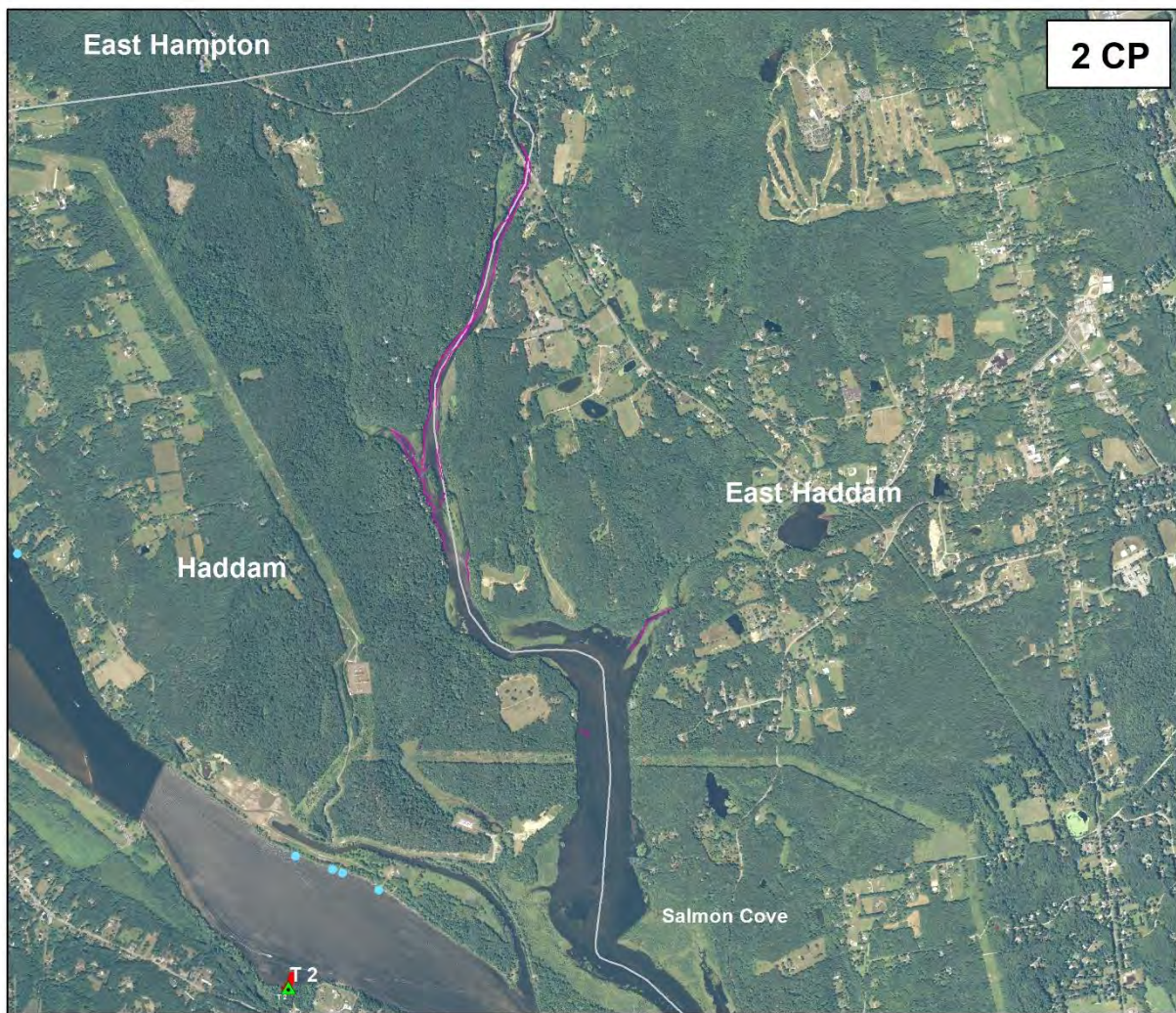
- Eurasian watermilfoil = 5
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5



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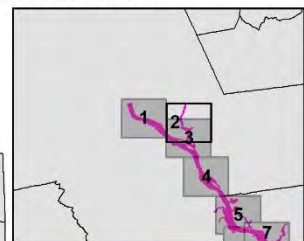
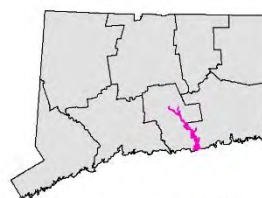
### Legend

- Collection Point
- Transect Point
- Survey Path

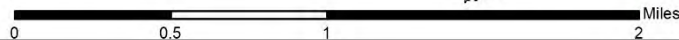
### Invasive Patch/Point

**Abundance Scale: 1=Sparse - 5=Abundant**

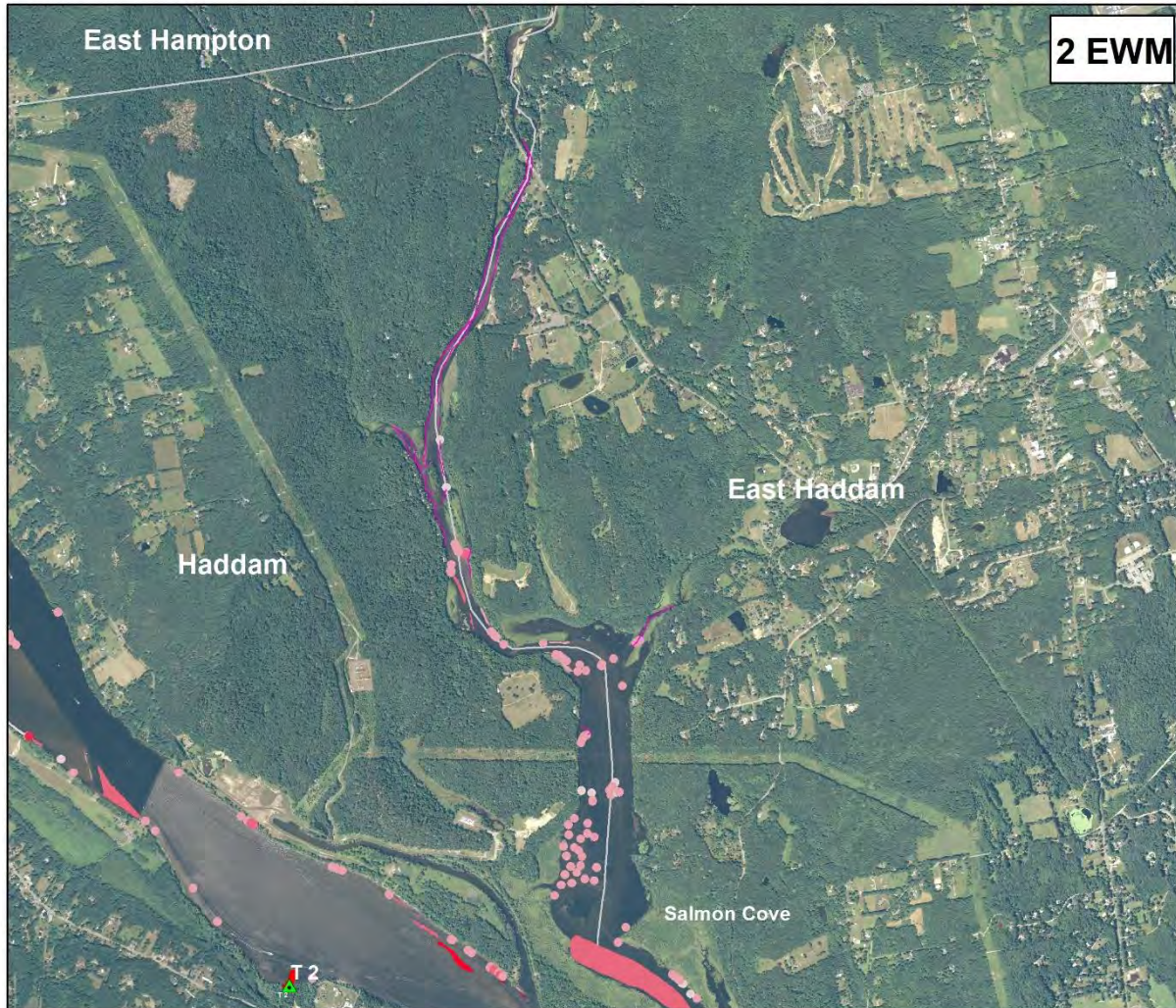
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2



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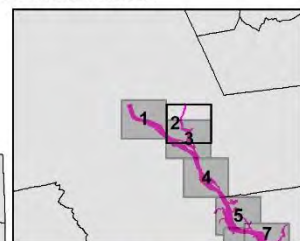
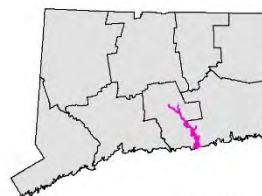
### Legend

- Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

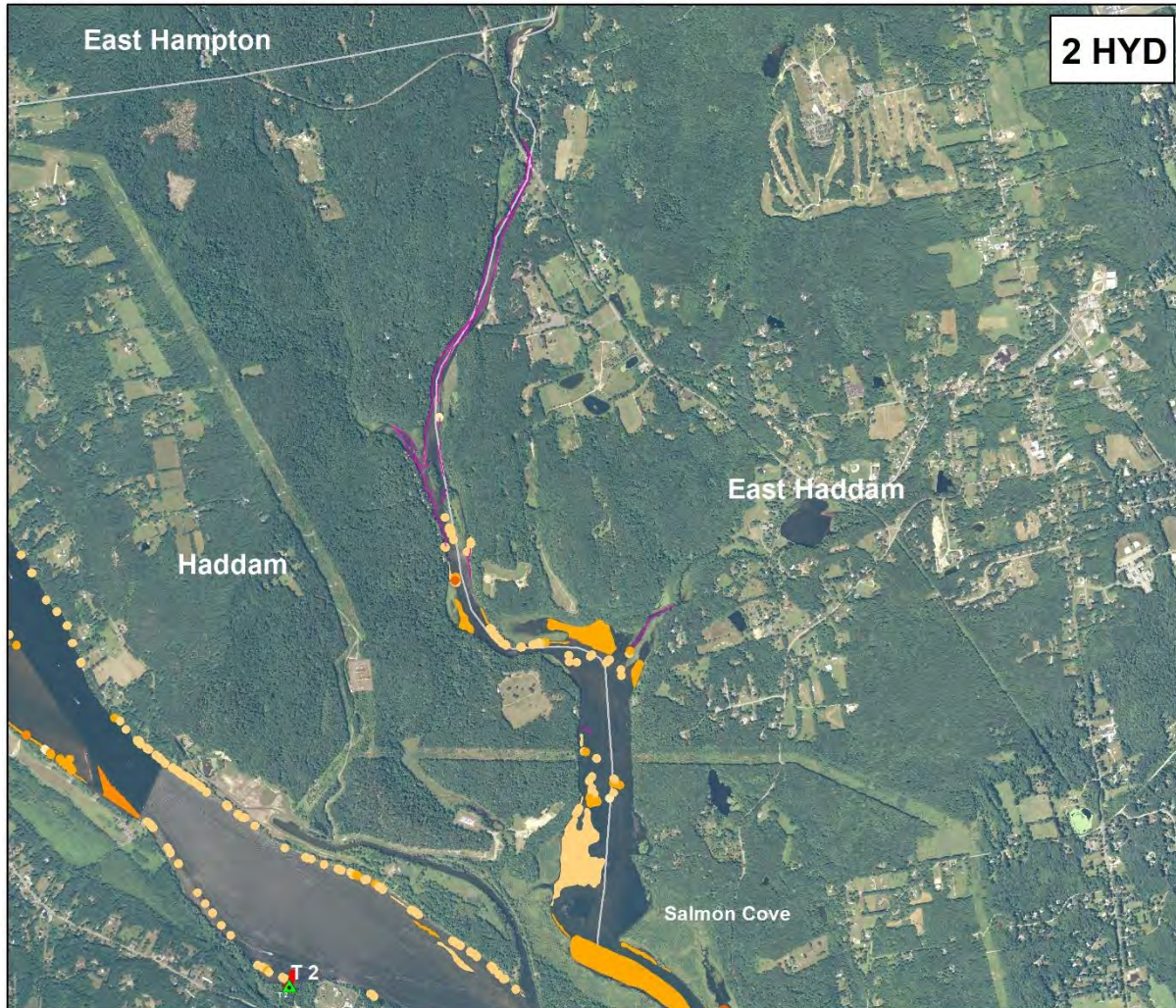
**Abundance Scale: 1=Sparse - 5=Abundant**

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4
- Eurasian watermilfoil = 5



0 0.5 1 2 Miles





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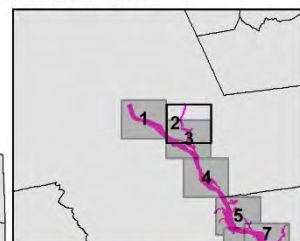
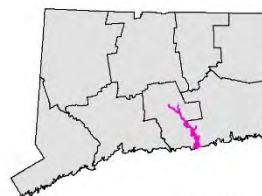
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

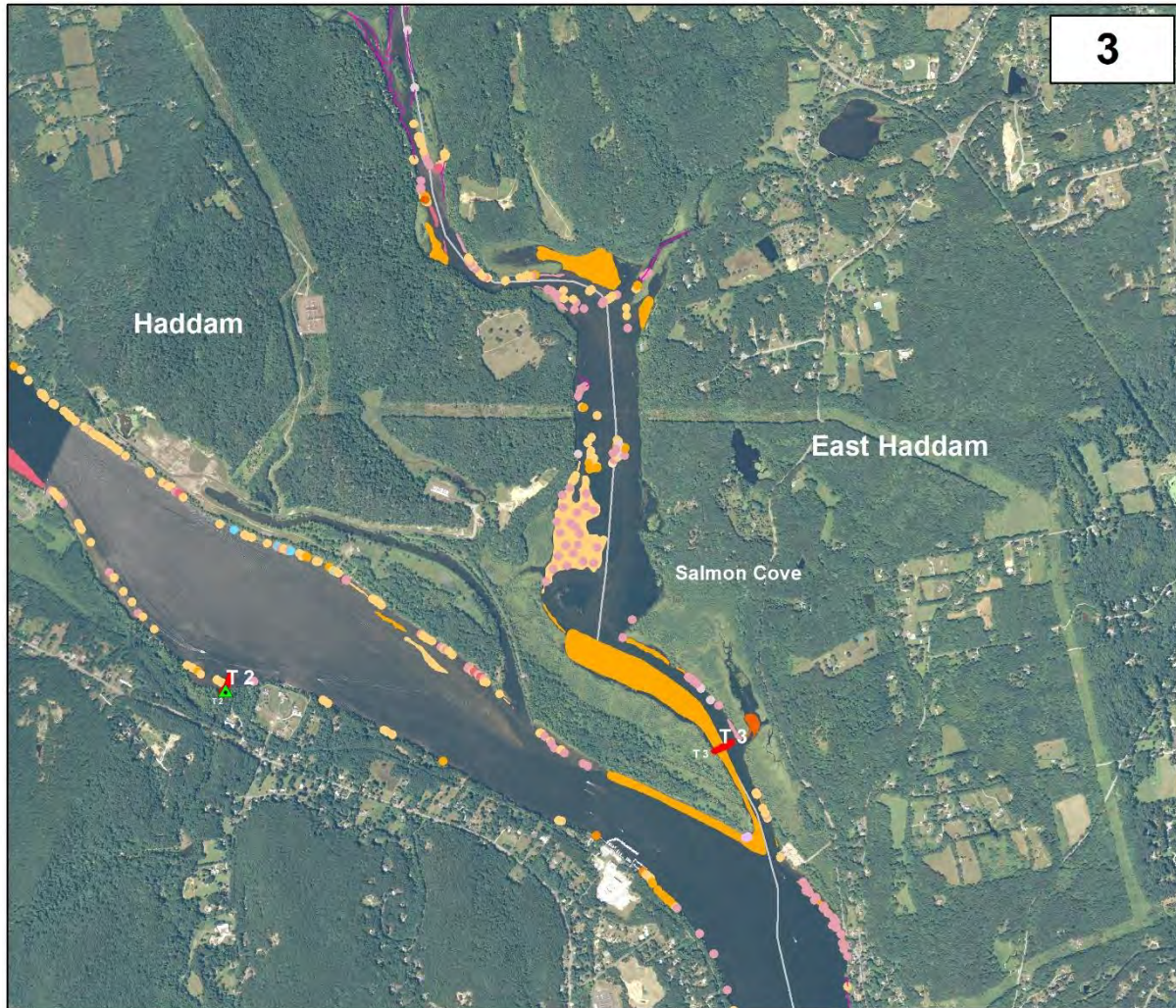
### Invasive Patch/Point

**Abundance Scale: 1=Sparse - 5=Abundant**

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5







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### Legend

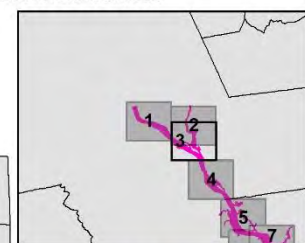
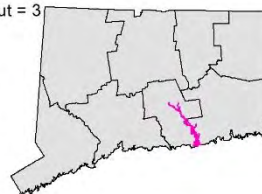
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

**Abundance Scale: 1=Sparse - 5=Abundant**

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4
- Eurasian watermilfoil = 5

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Water chestnut = 1
- Water chestnut = 2
- Water chestnut = 3
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5



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0 0.5 1 2 Miles





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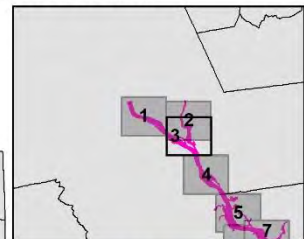
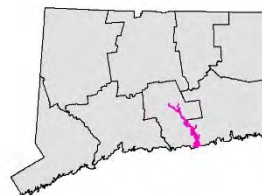
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2

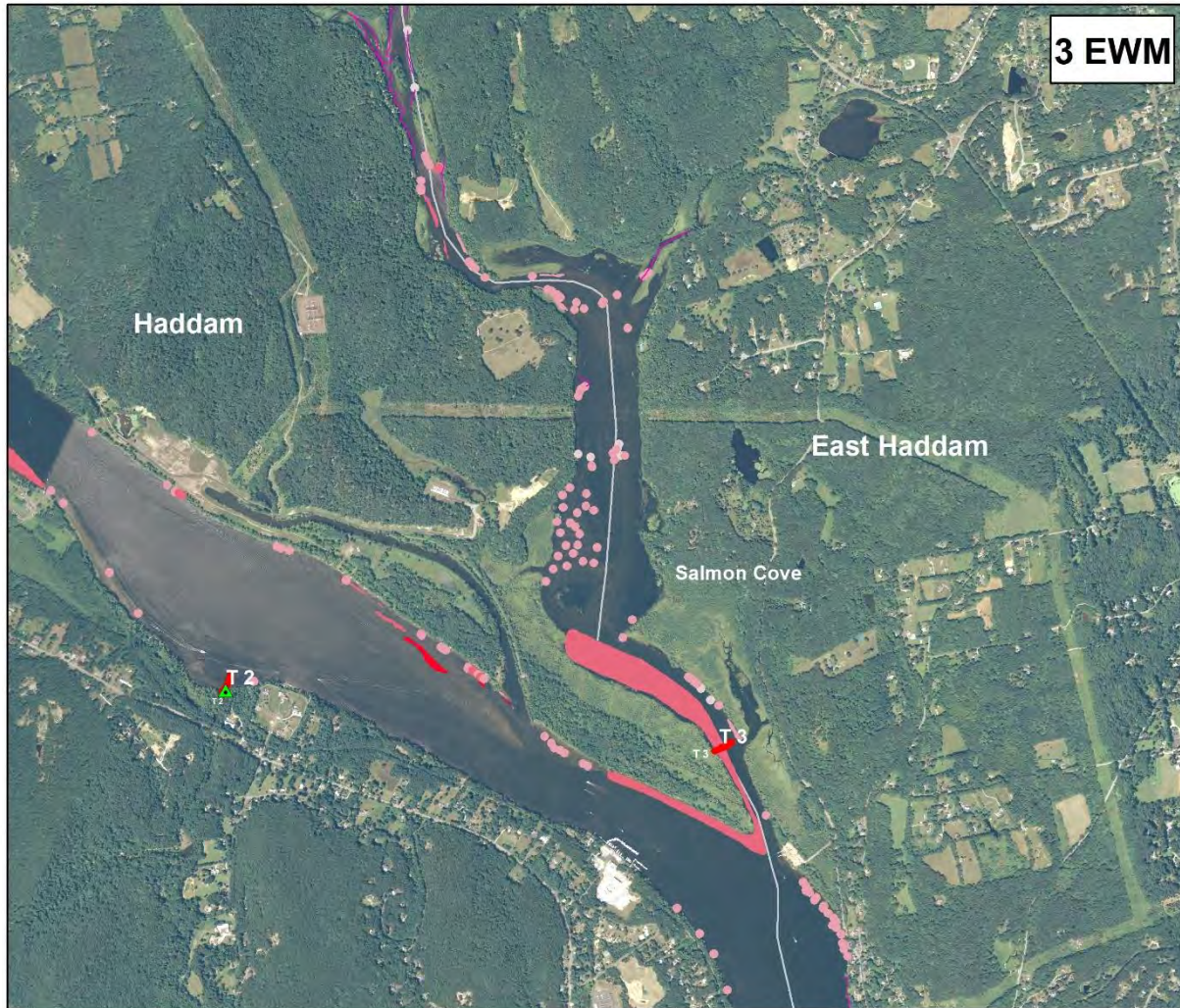


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0 0.5 1 2 Miles





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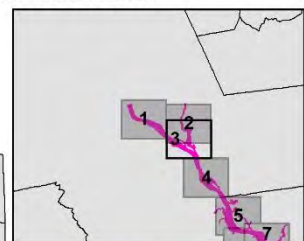
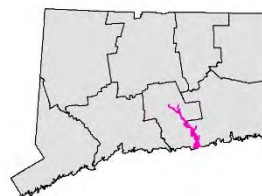
### Legend

- Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

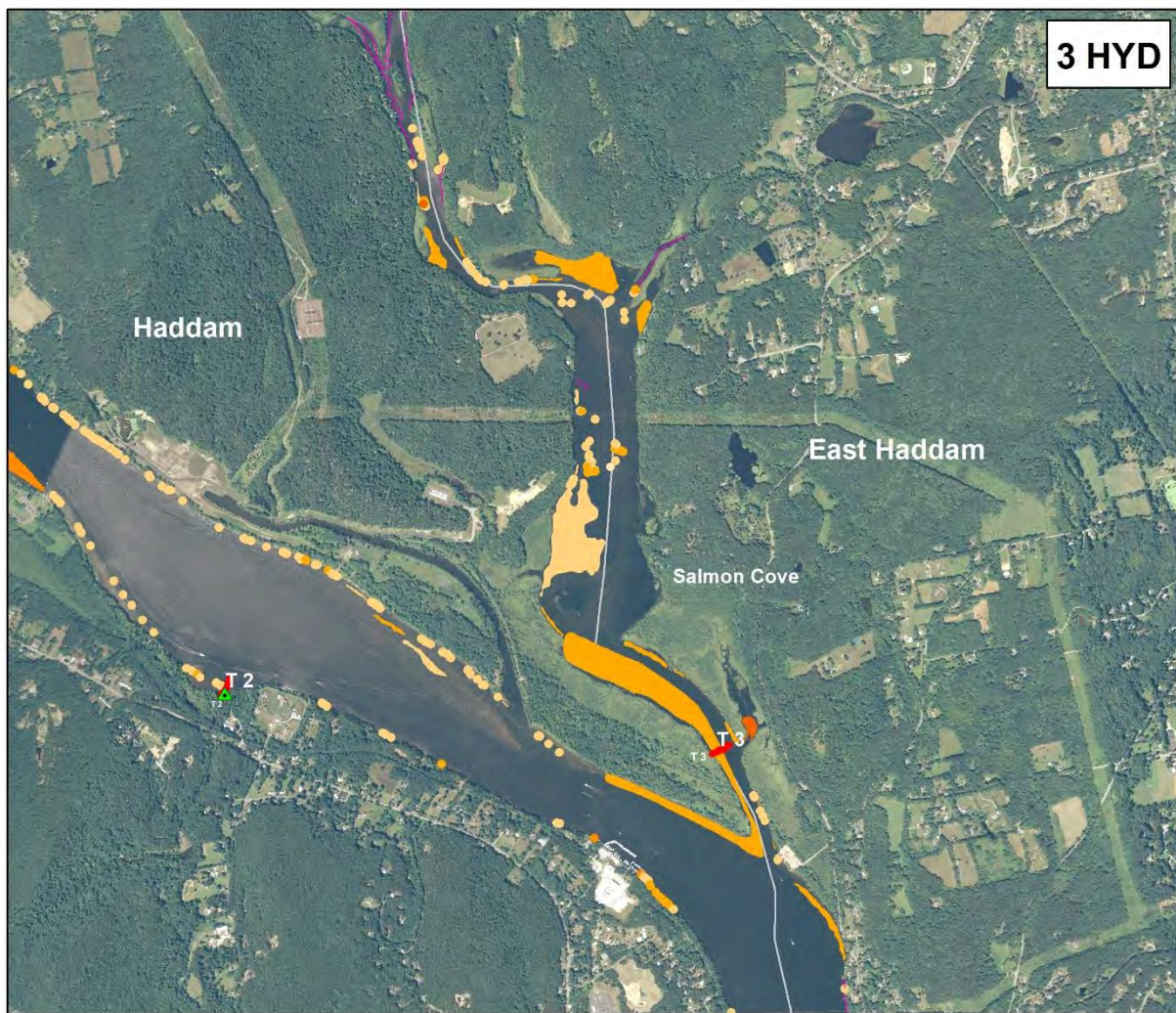
Abundance Scale: 1=Sparse - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4
- Eurasian watermilfoil = 5



0 0.5 1 2 Miles





## Connecticut River Gateway Conservation Zone

The Gateway Conservation Zone was surveyed on August 8, 2019 through September 28, 2019 by Greg Bugbee, Summer Stebbins, Michael Modica, and Deanna Rackie from CAES IAPP, Margot Burns from RiverCOG, and Riley Doherty from CT RC&D. Funded by the Gateway Commission and Eightmile River Wild and Scenic Watershed.

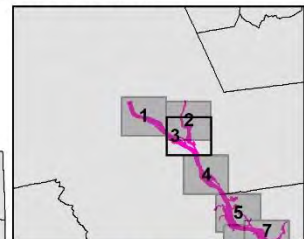
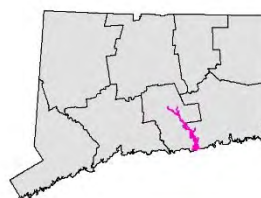
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

**Abundance Scale: 1=Sparse - 5=Abundant**

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5



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0 0.5 1 2 Miles





## Connecticut River Gateway Conservation Zone

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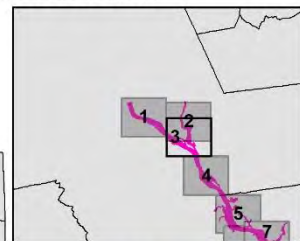
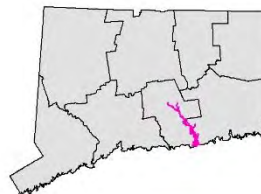
### Legend

- Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

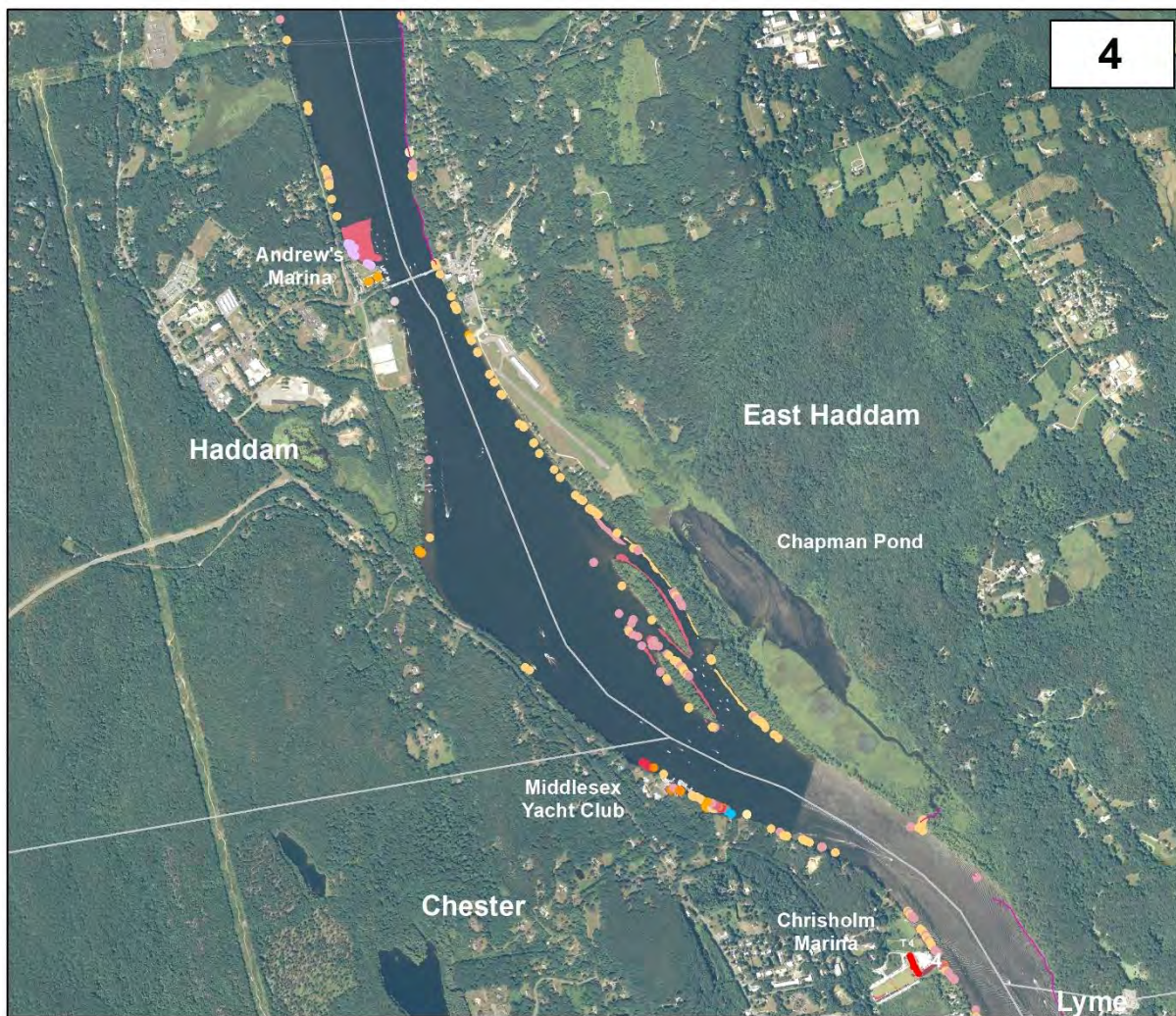
- Water chestnut = 1
- Water chestnut = 2
- Water chestnut = 3



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## Connecticut River Gateway Conservation Zone

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### Legend

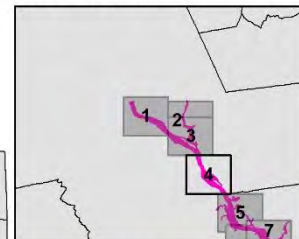
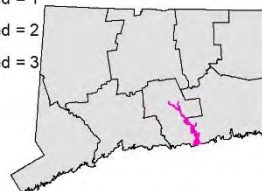
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Fanwort = 1
- Fanwort = 2
- Fanwort = 3
- Fanwort = 4
- Water chestnut = 1
- Water chestnut = 2

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4



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0 0.5 1 2 Miles





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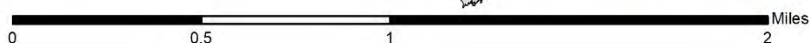
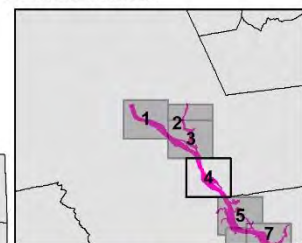
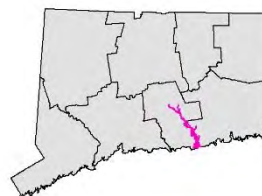
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

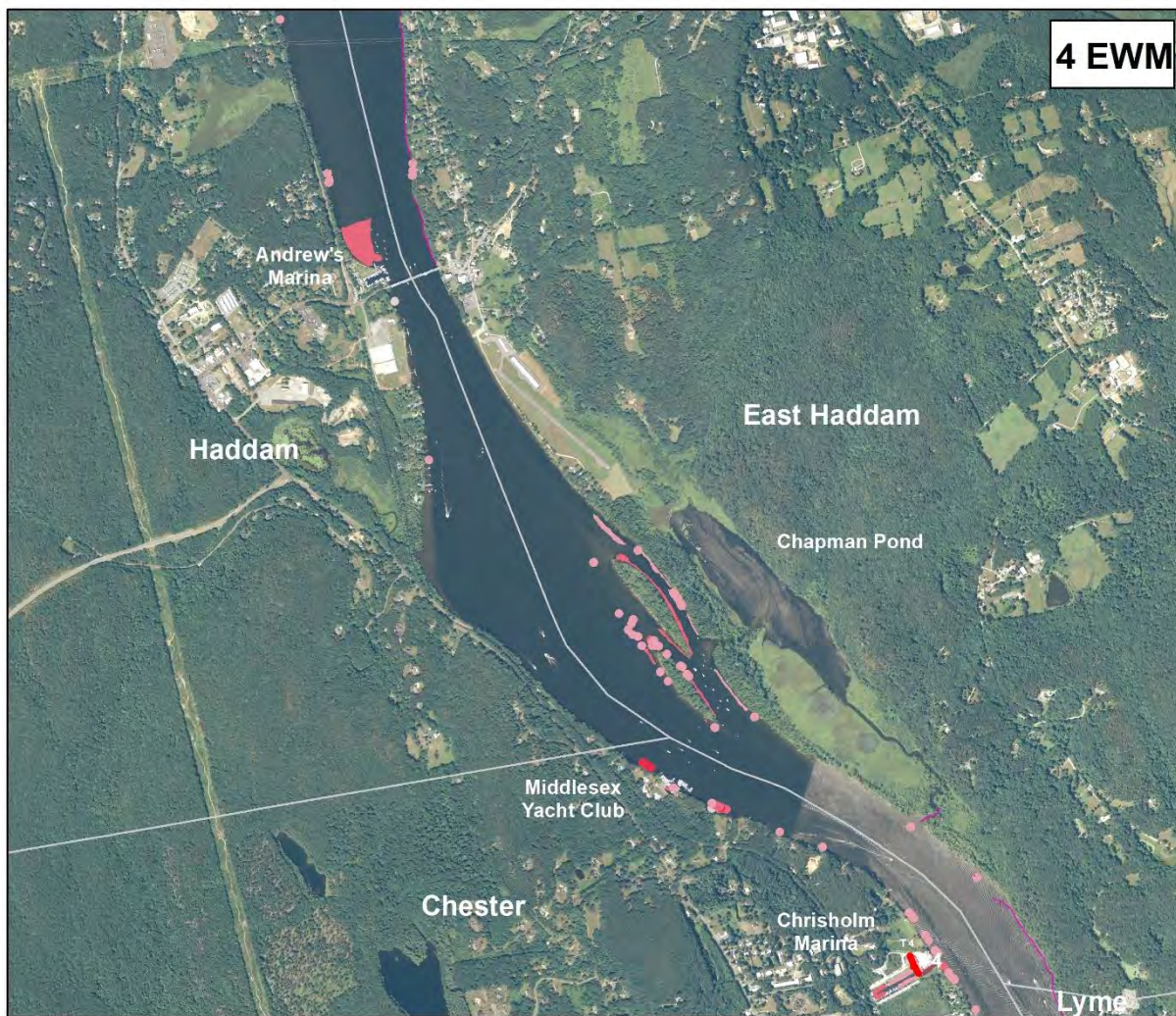
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

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







## Connecticut River Gateway Conservation Zone

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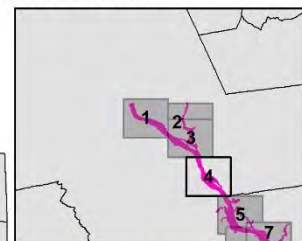
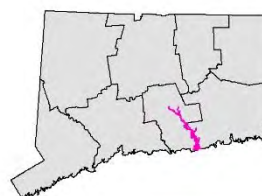
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4



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0 0.5 1 2 Miles





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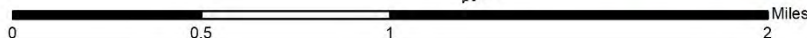
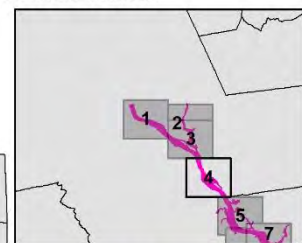
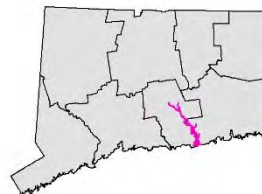
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Fanwort = 1
- Fanwort = 2
- Fanwort = 3
- Fanwort = 4







## Connecticut River Gateway Conservation Zone

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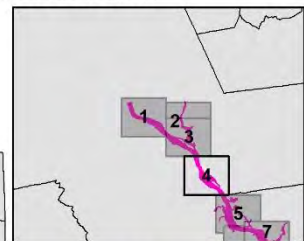
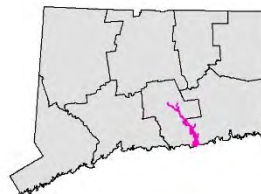
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

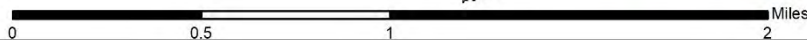
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4



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## Connecticut River Gateway Conservation Zone

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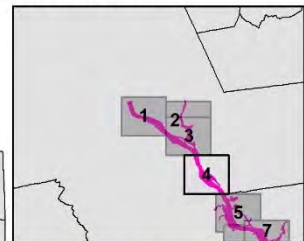
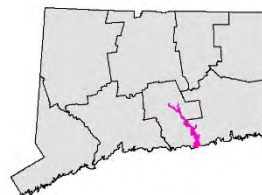
### Legend

- Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Water chestnut = 1
- Water chestnut = 2



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## Connecticut River Gateway Conservation Zone

### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

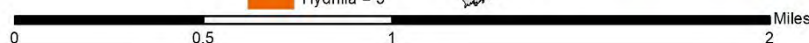
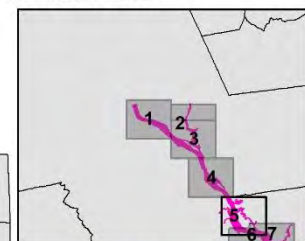
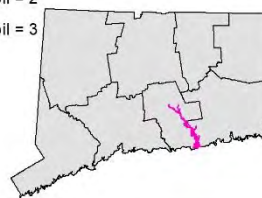
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Water chestnut = 1
- Water chestnut = 2
- Water chestnut = 3
- Water chestnut = 4
- Water chestnut = 5
- Fanwort = 1

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- Fanwort = 2
- Fanwort = 3
- Fanwort = 4
- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5







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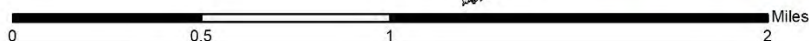
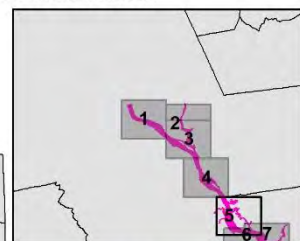
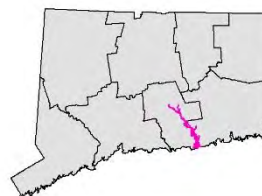
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

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







## Connecticut River Gateway Conservation Zone

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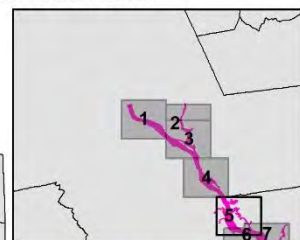
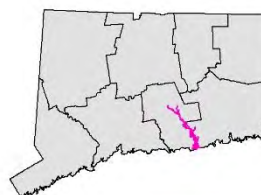
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

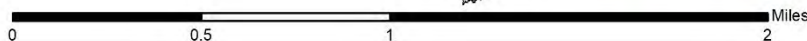
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

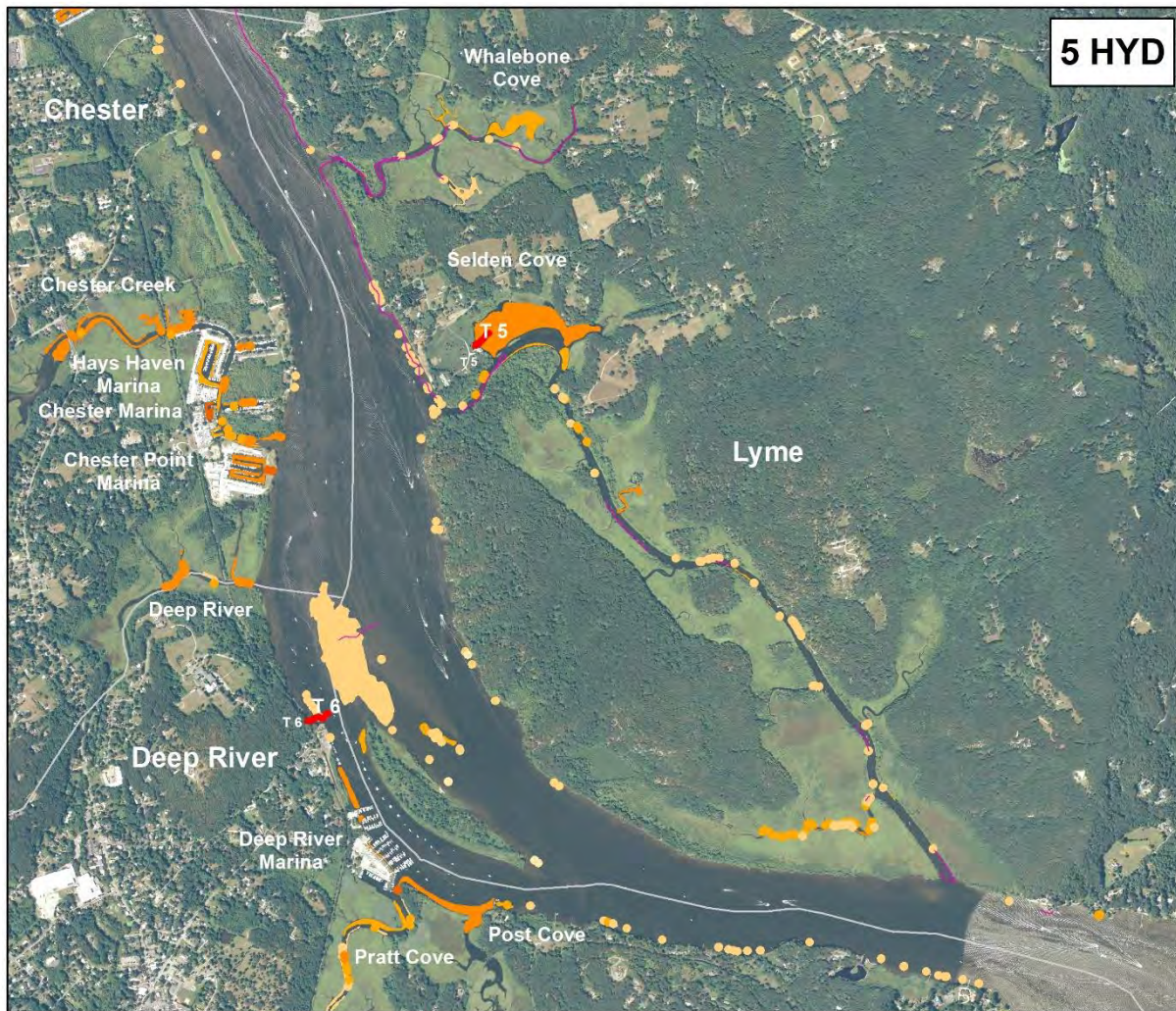
- Fanwort = 1
- Fanwort = 2
- Fanwort = 3
- Fanwort = 4



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## Connecticut River Gateway Conservation Zone

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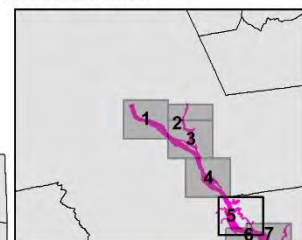
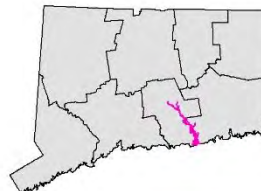
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1= Sparse - 5= Abundant

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5



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0 0.5 1 2 Miles





## Connecticut River Gateway Conservation Zone

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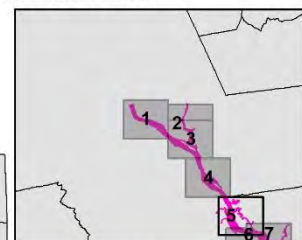
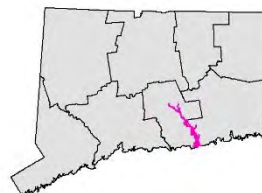
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1= Sparse - 5= Abundant

- Water chestnut = 1
- Water chestnut = 2
- Water chestnut = 3
- Water chestnut = 4
- Water chestnut = 5

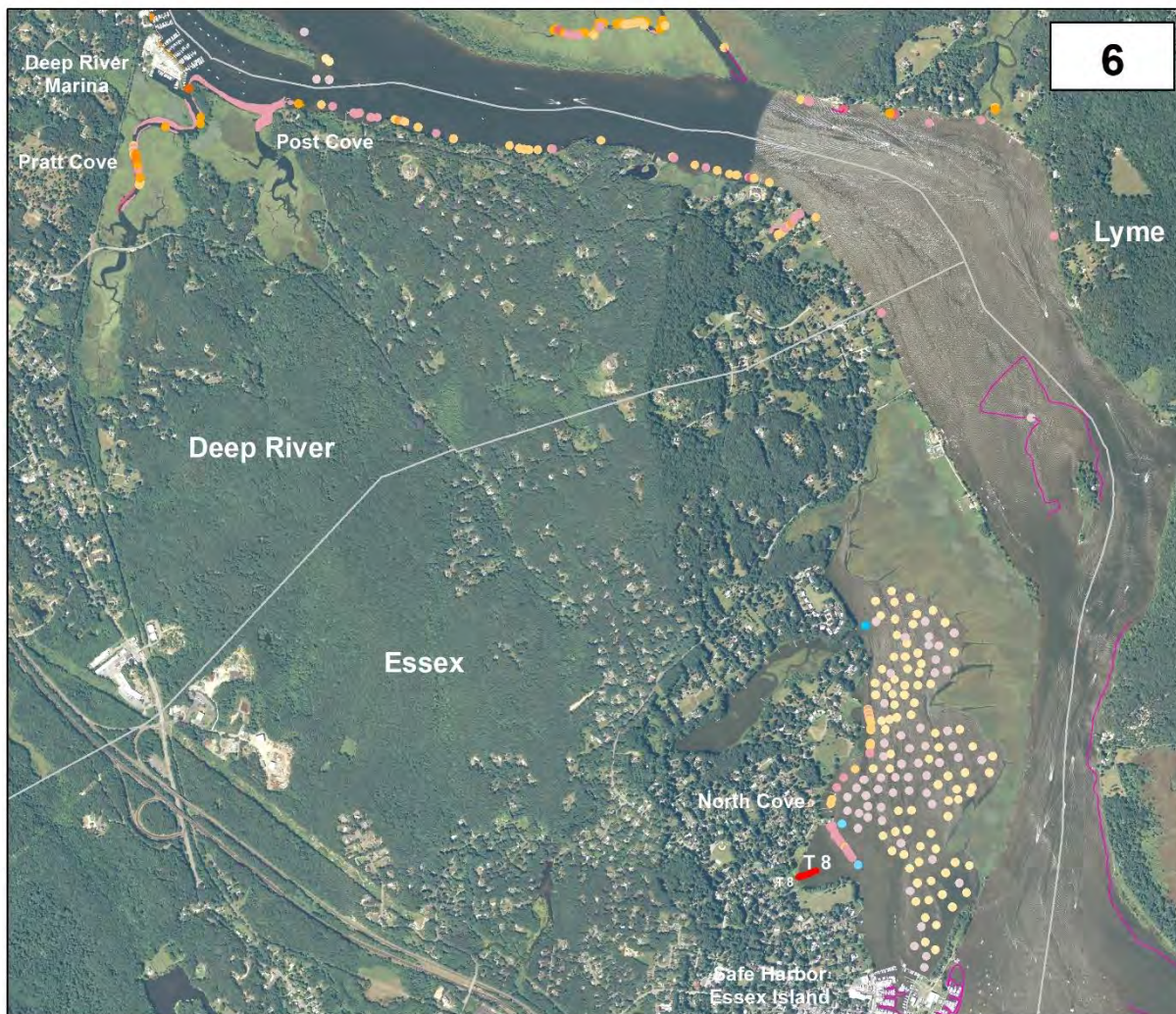


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0 0.5 1 2 Miles





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### Legend

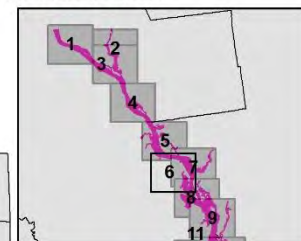
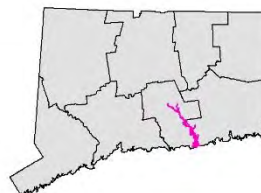
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1= Sparse - 5= Abundant

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

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5



0 0.5 1 2 Miles





## Connecticut River Gateway Conservation Zone

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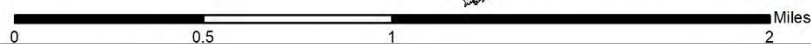
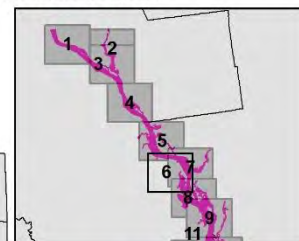
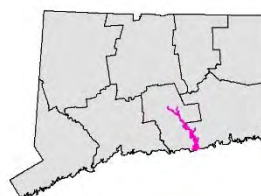
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

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







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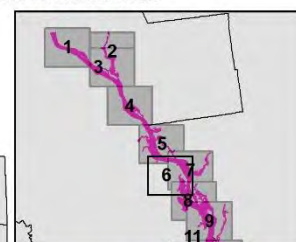
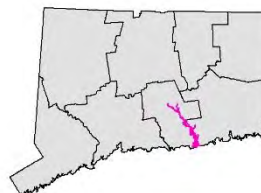
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

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

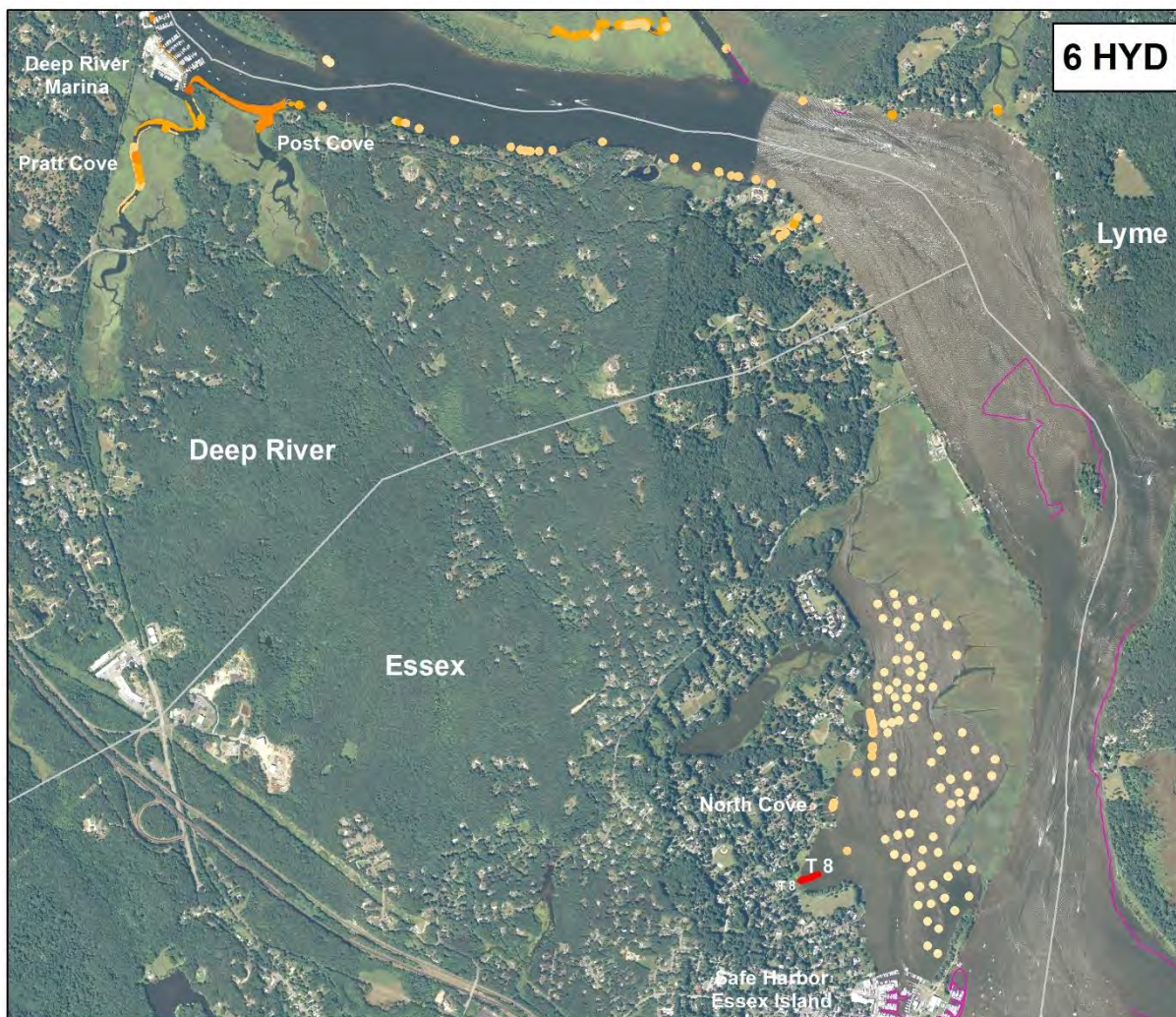


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0 0.5 1 2 Miles





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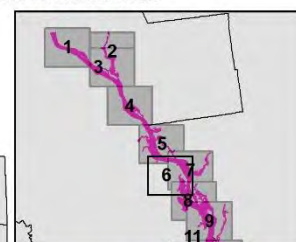
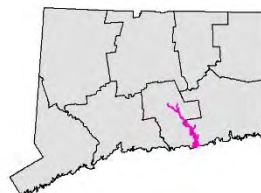
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4
- Hydrilla = 5

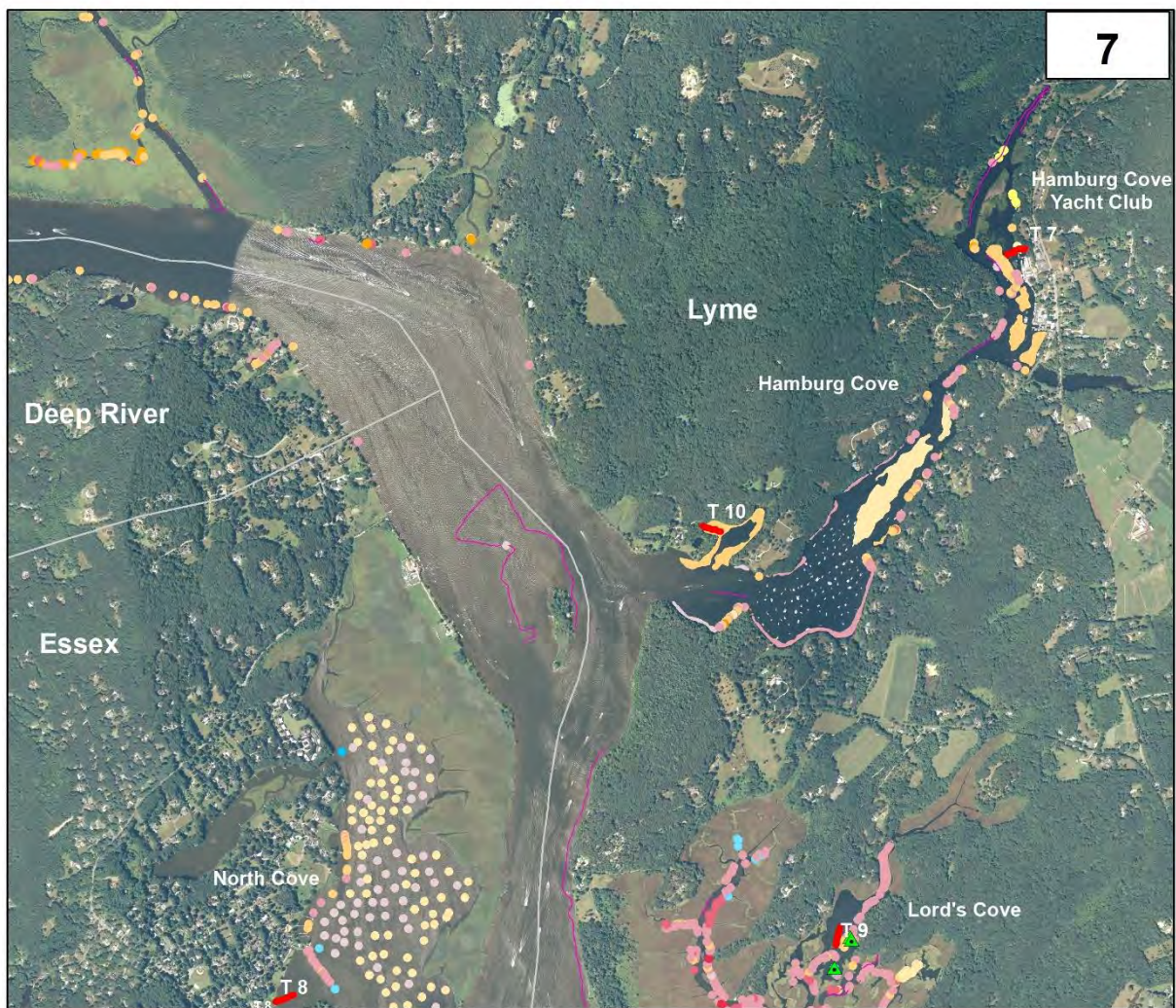


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0 0.5 1 2 Miles





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### Legend

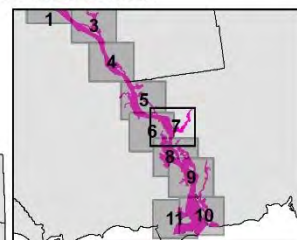
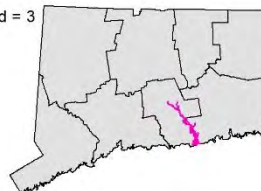
- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Spars - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4

- Variable watermilfoil = 1
- Variable watermilfoil = 2
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3
- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4

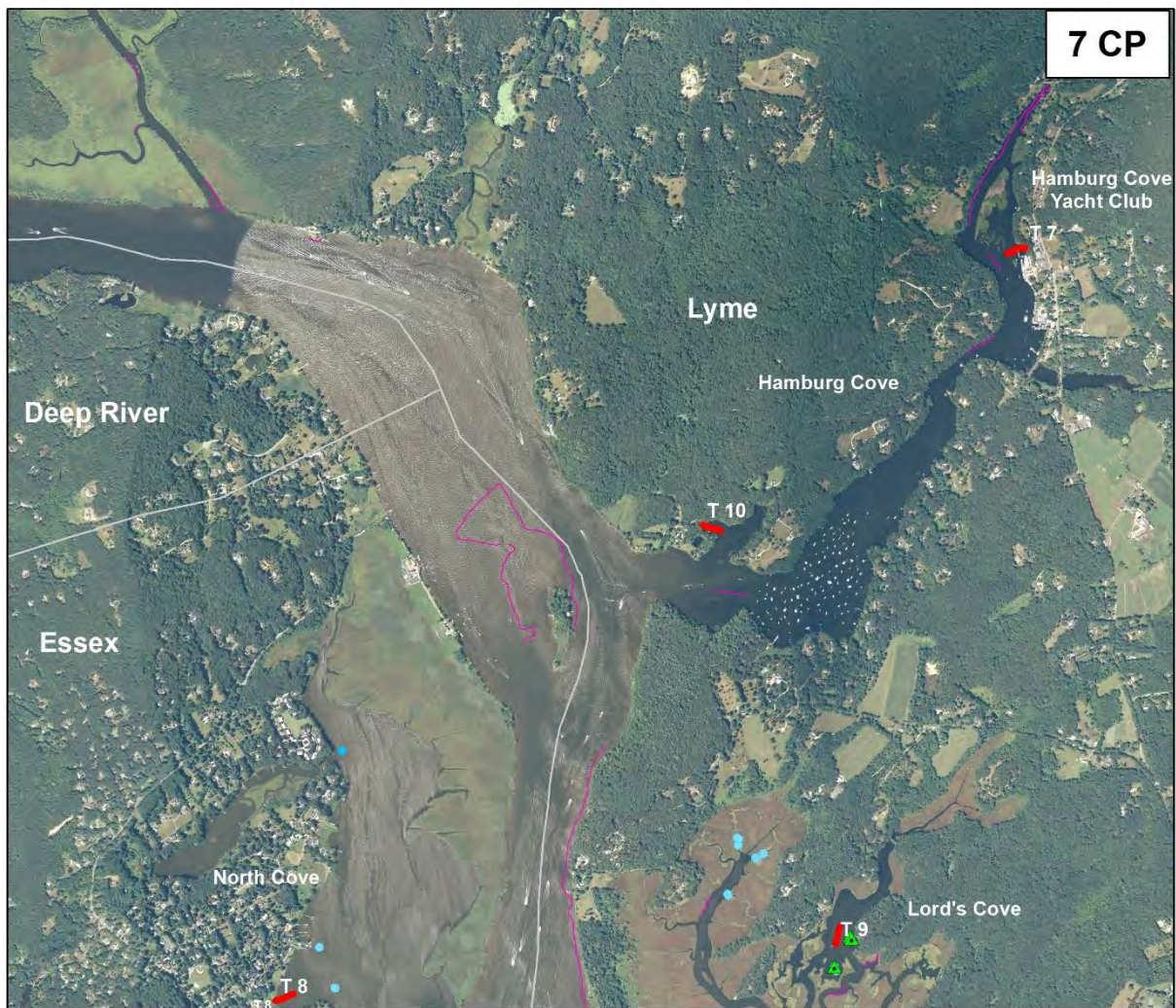


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0 0.5 1 2 Miles





## Connecticut River Gateway Conservation Zone

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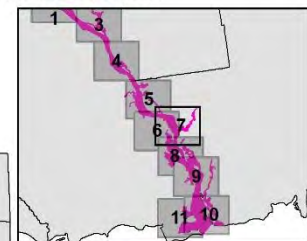
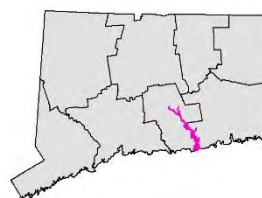
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

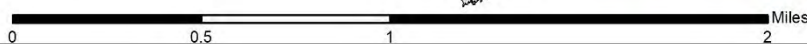
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

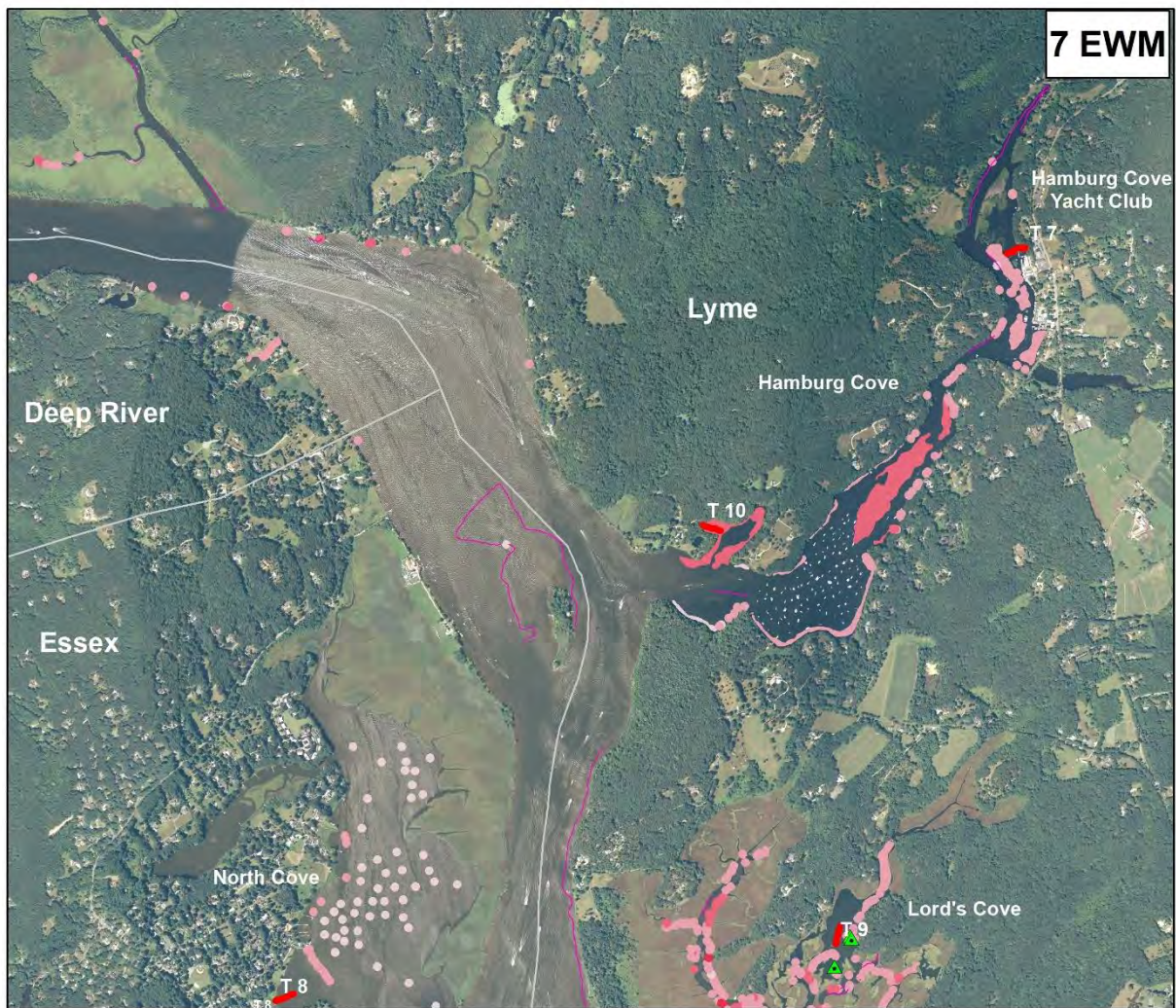
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Curlyleaf pondweed = 3



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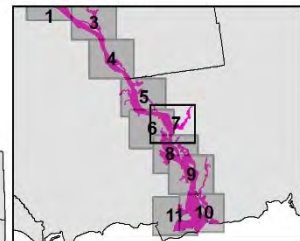
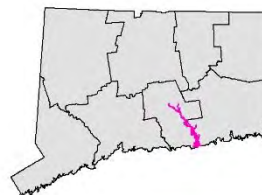
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4

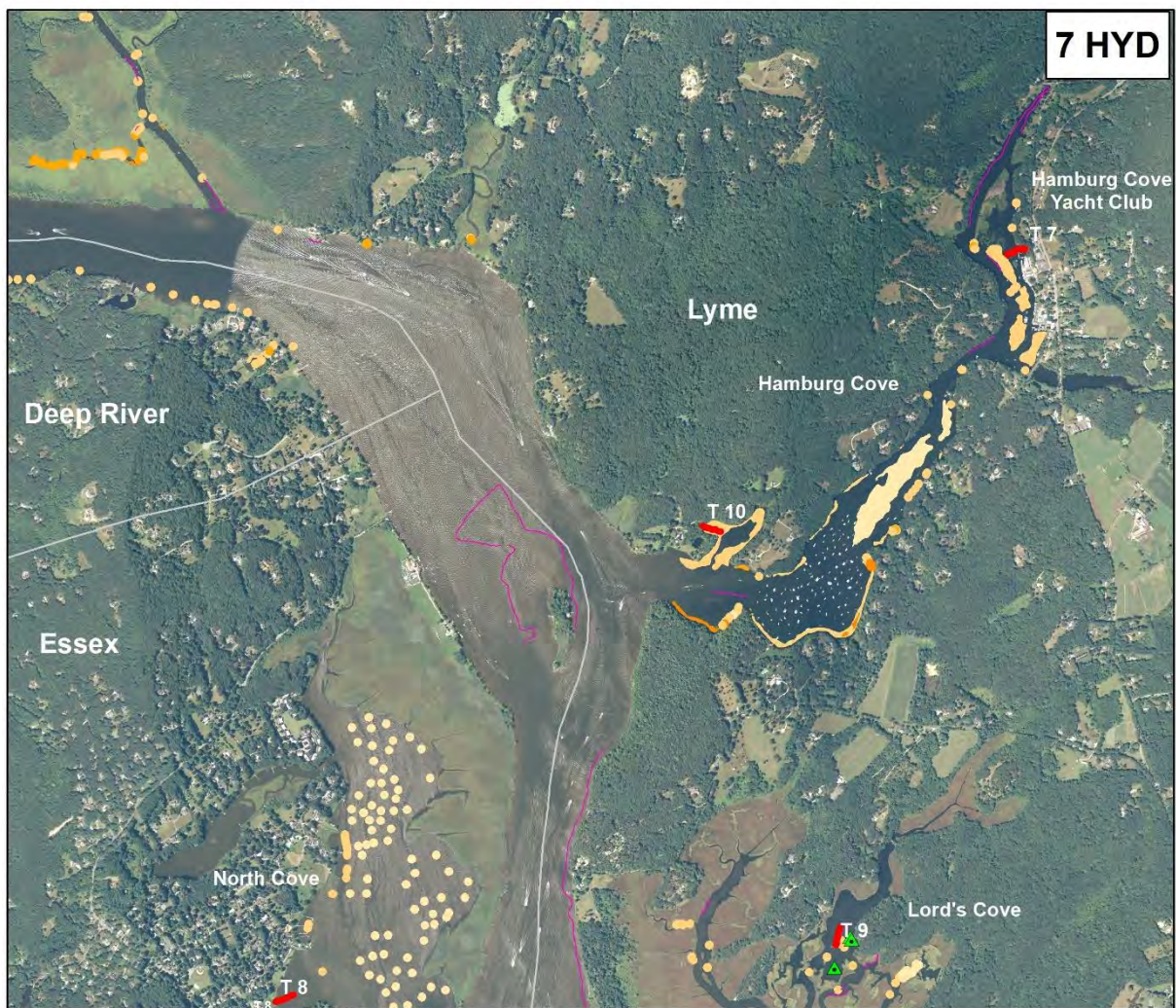


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0 0.5 1 2 Miles





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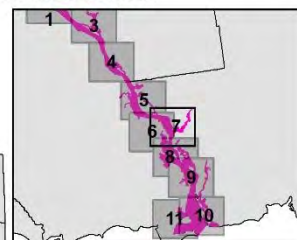
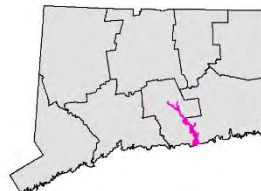
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Spars - 5=Abundant

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3
- Hydrilla = 4

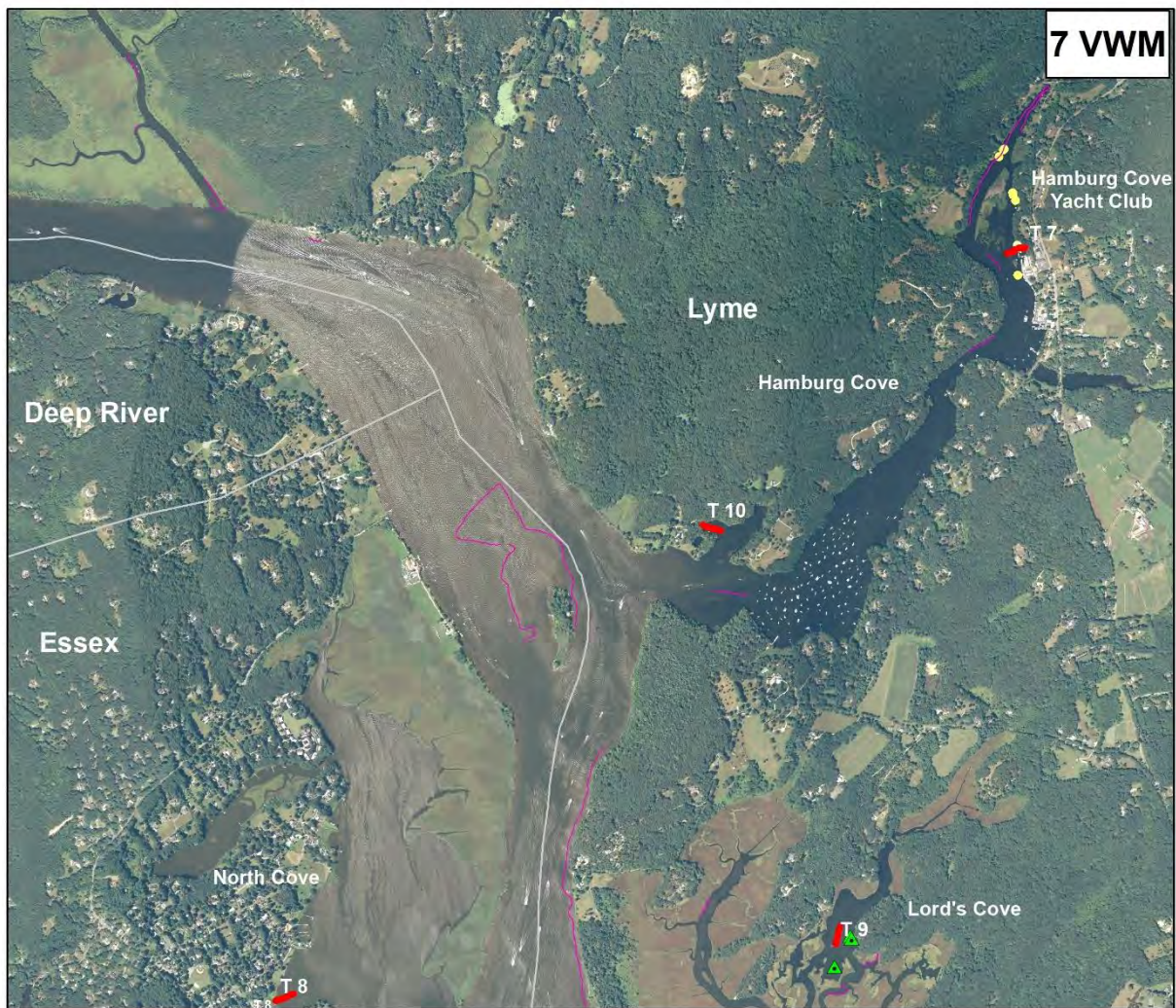


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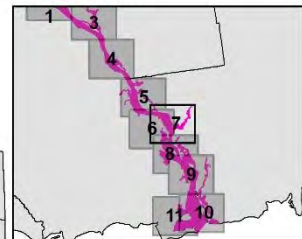
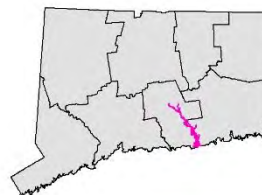
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Variable watermilfoil =1
- Variable watermilfoil =2

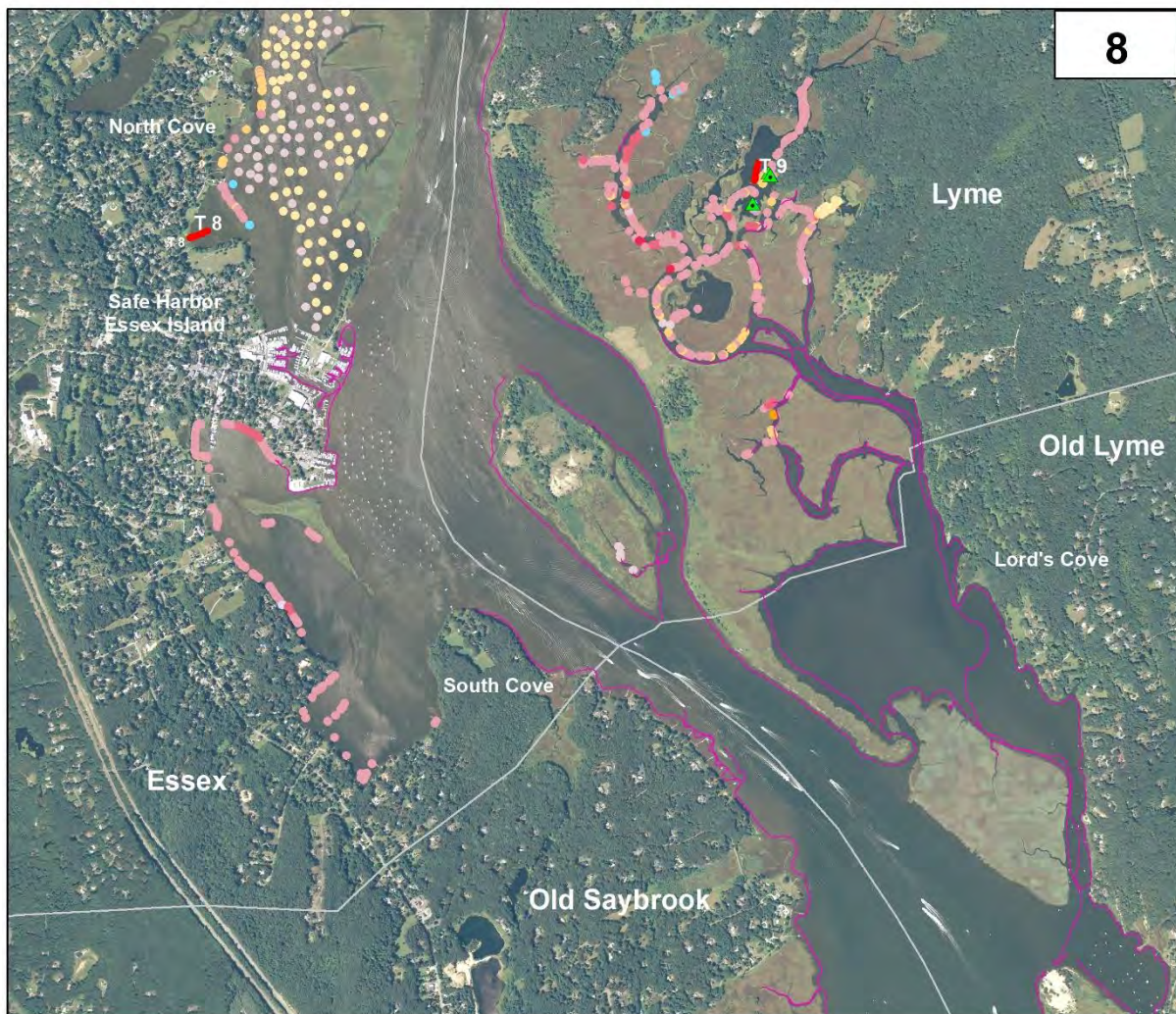


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0 0.5 1 2 Miles





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### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

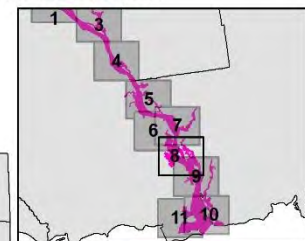
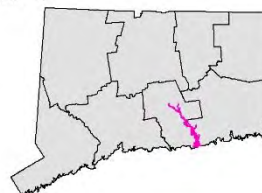
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2
- Water chestnut = 1

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3



0 0.5 1 2 Miles





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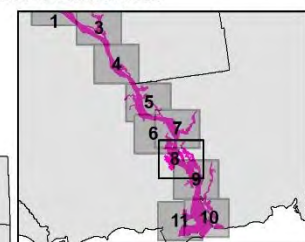
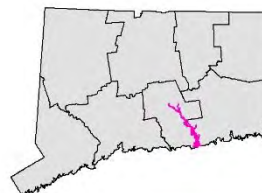
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

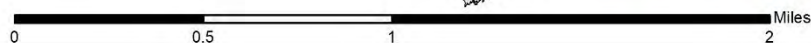
### Invasive Patch/Point

**Abundance Scale: 1= Sparse - 5= Abundant**

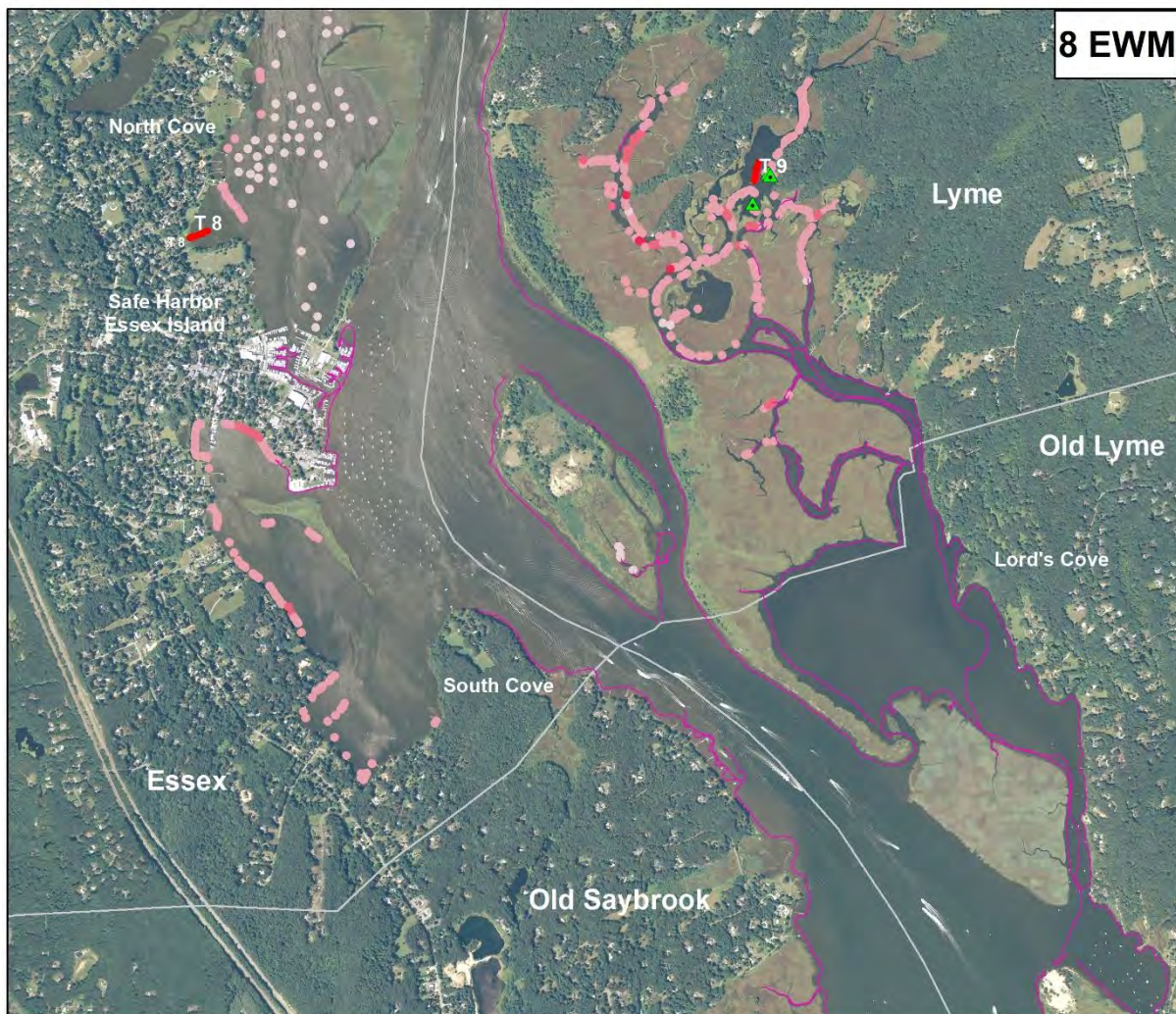
- Curlyleaf pondweed = 1
- Curlyleaf pondweed = 2



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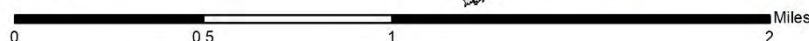
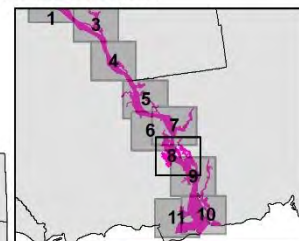
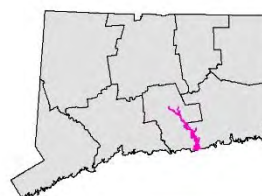
### Legend

- Collection Point
- Transect Point
- Survey Path

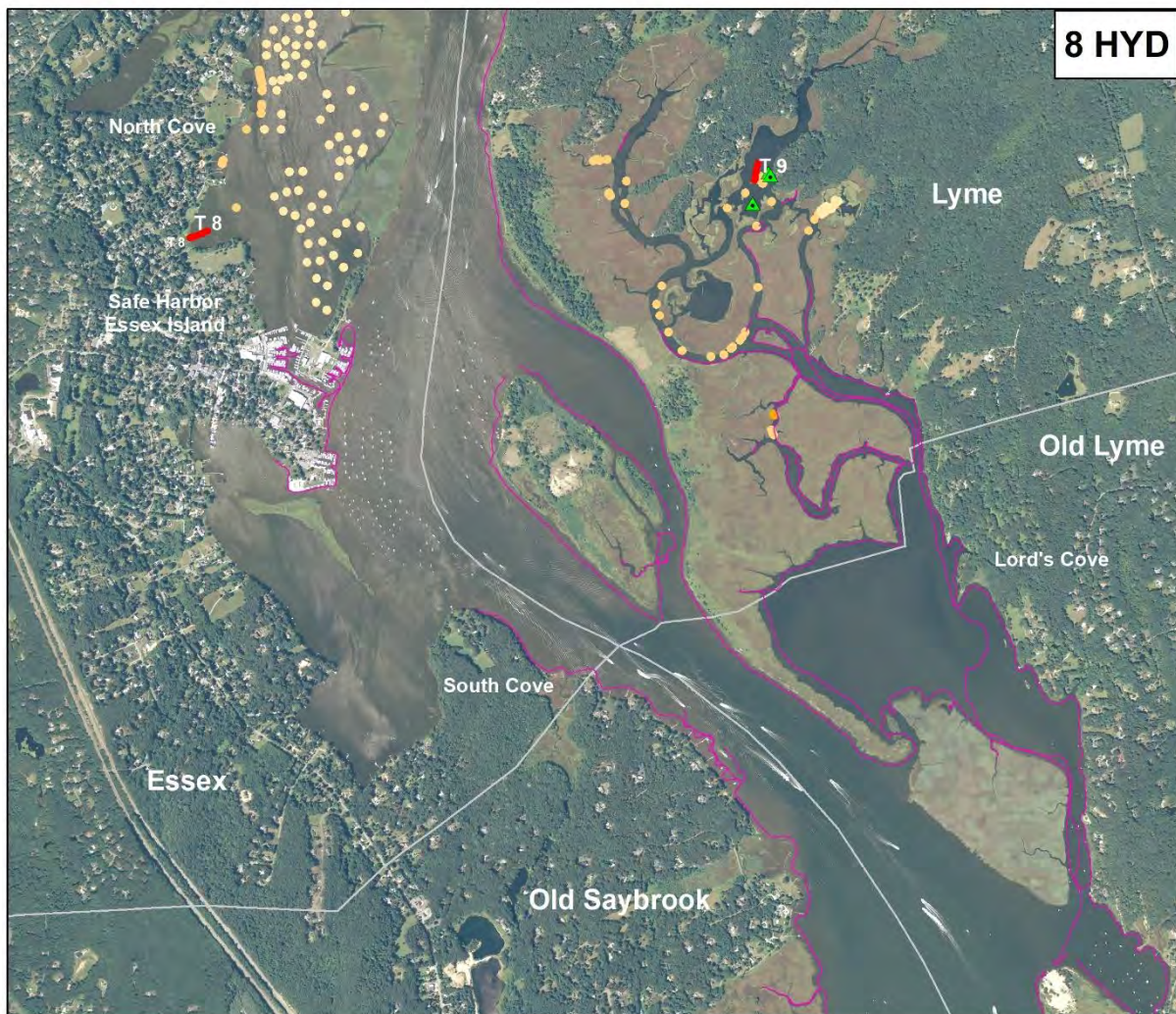
### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2
- Eurasian watermilfoil = 3
- Eurasian watermilfoil = 4







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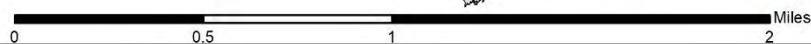
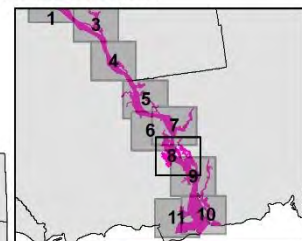
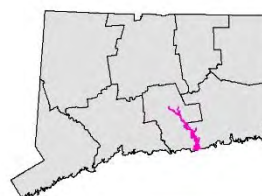
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Hydrilla = 1
- Hydrilla = 2
- Hydrilla = 3







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### Legend

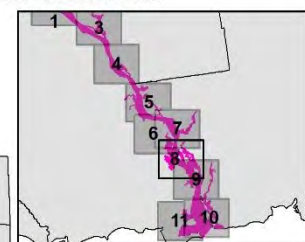
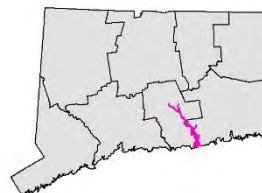
▲ Collection Point

● Transect Point

— Survey Path

**Abundance Scale: 1=Sparse - 5=Abundant**

Water chestnut = 1

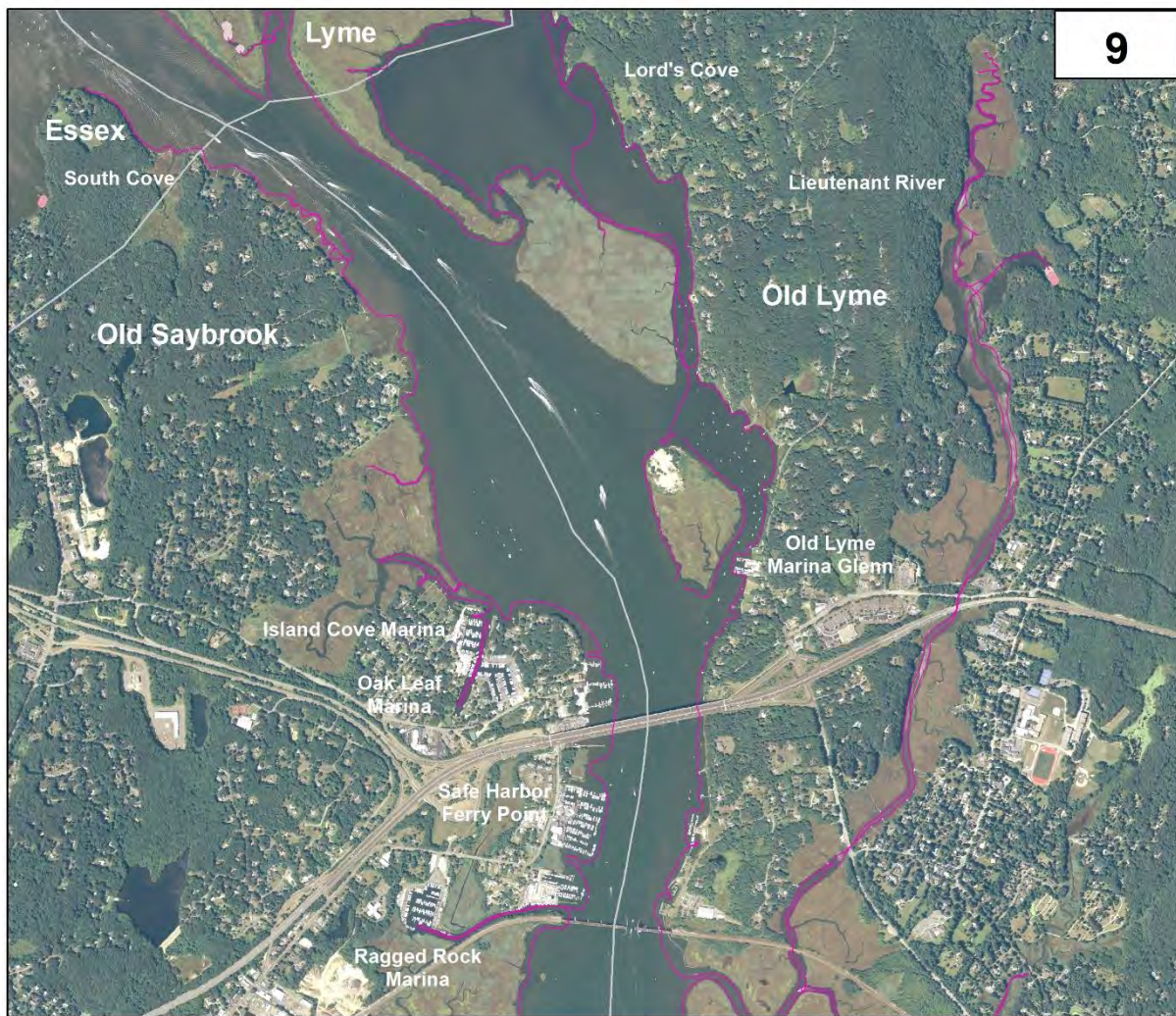


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0 0.5 1 2 Miles





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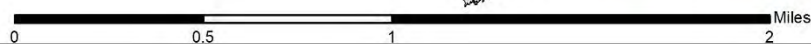
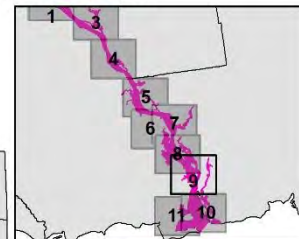
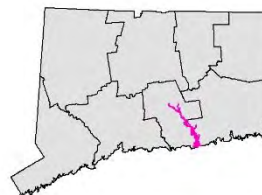
### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### Invasive Patch/Point

Abundance Scale: 1=Sparse - 5=Abundant

- Eurasian watermilfoil = 1
- Eurasian watermilfoil = 2







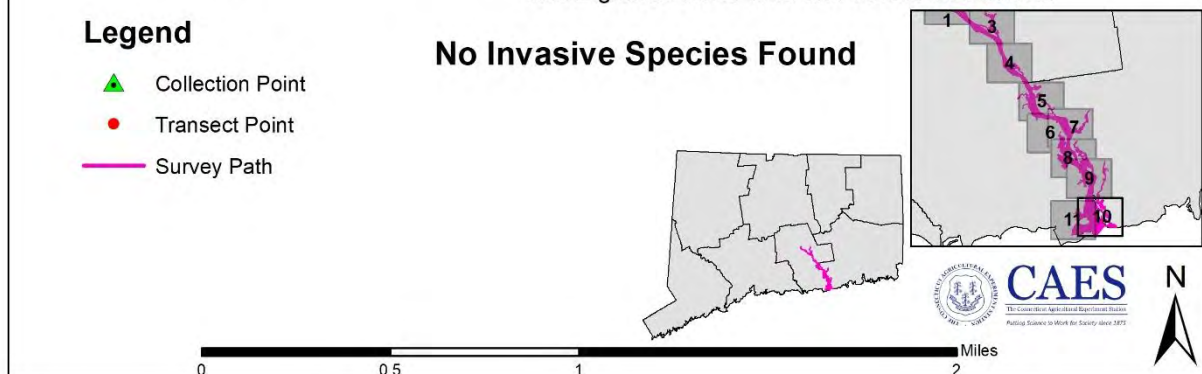
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### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### No Invasive Species Found







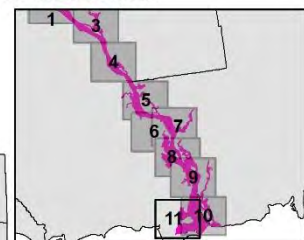
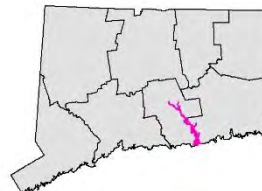
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### Legend

- ▲ Collection Point
- Transect Point
- Survey Path

### No Invasive Species Found



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0 0.5 1 2 Miles



## *Transect Data*



Appendix Connecticut River Transect Data (1 of 2)

| Transect Point |    | Distance from Shore (m) | Surveyor        | Latitude | Longitude | Date      | Depth (m) | Substrate | CabCar | CerDem | ElaSpp | EloNut | EriAqu | HydVer | LemMin | LudSpp | MyrHet | MyrSpi | NymOdo | PotPer | SagSpp | SpiPol | Typha | ValAme | ZanPal |
|----------------|----|-------------------------|-----------------|----------|-----------|-----------|-----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| 1              | 1  | 0.5                     | Greg Bugbee     | 41.51586 | -72.55271 | 9/25/2019 | 0.3       | Sand      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0      | 0     | 0      | 0      |
| 1              | 2  | 5                       | Greg Bugbee     | 41.51584 | -72.55279 | 9/25/2019 | 0.5       | Sand      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 2      | 0      | 0     | 0      | 0      |
| 1              | 3  | 10                      | Greg Bugbee     | 41.51582 | -72.55284 | 9/25/2019 | 1.0       | Silt      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 2      | 0      |
| 1              | 4  | 20                      | Greg Bugbee     | 41.51579 | -72.55297 | 9/25/2019 | 1.6       | Silt      | 0      | 0      | 0      | 0      | 0      | 4      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 1              | 5  | 30                      | Greg Bugbee     | 41.51584 | -72.55310 | 9/25/2019 | 1.6       | Silt      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 1              | 6  | 40                      | Greg Bugbee     | 41.51579 | -72.55320 | 9/25/2019 | 0.8       | Silt      | 0      | 0      | 0      | 0      | 0      | 4      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 2      | 0      |
| 1              | 7  | 50                      | Greg Bugbee     | 41.51577 | -72.55334 | 9/25/2019 | 0.8       | Sand      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 1              | 8  | 60                      | Greg Bugbee     | 41.51575 | -72.55344 | 9/25/2019 | 0.8       | Sand      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 1              | 9  | 70                      | Greg Bugbee     | 41.51566 | -72.55362 | 9/25/2019 | 0.8       | Sand      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 1              | 10 | 80                      | Greg Bugbee     | 41.51571 | -72.55369 | 9/25/2019 | 0.8       | Sand      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 2              | 1  | 0.5                     | Summer Stebbins | 41.47355 | -72.49736 | 9/25/2019 | 0.1       | Silt      | 0      | 0      | 0      | 0      | 3      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 2      | 0      | 0     | 0      | 0      |
| 2              | 2  | 5                       | Summer Stebbins | 41.47359 | -72.49733 | 9/25/2019 | 0.2       | Silt      | 0      | 0      | 0      | 2      | 3      | 2      | 0      | 2      | 0      | 0      | 0      | 0      | 2      | 0      | 0     | 0      | 0      |
| 2              | 3  | 10                      | Summer Stebbins | 41.47364 | -72.49727 | 9/25/2019 | 0.2       | Silt      | 0      | 0      | 0      | 0      | 3      | 0      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 2      | 0      |
| 2              | 4  | 20                      | Summer Stebbins | 41.47372 | -72.49718 | 9/25/2019 | 0.5       | Silt      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 2              | 5  | 30                      | Summer Stebbins | 41.47378 | -72.49709 | 9/25/2019 | 0.7       | Silt      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 2              | 6  | 40                      | Summer Stebbins | 41.47385 | -72.49707 | 9/25/2019 | 0.8       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 2      | 0      |
| 2              | 7  | 50                      | Summer Stebbins | 41.47394 | -72.49702 | 9/25/2019 | 0.9       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 2              | 8  | 60                      | Summer Stebbins | 41.47404 | -72.49699 | 9/25/2019 | 1.0       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 2              | 9  | 70                      | Summer Stebbins | 41.47407 | -72.49689 | 9/25/2019 | 1.1       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 2              | 10 | 80                      | Summer Stebbins | 41.47422 | -72.49693 | 9/25/2019 | 4.5       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 1  | 0.5                     | Greg Bugbee     | 41.47117 | -72.47172 | 9/25/2019 | 0.3       | Silt      | 0      | 0      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 2  | 5                       | Greg Bugbee     | 41.47119 | -72.47167 | 9/25/2019 | 0.8       | Silt      | 0      | 0      | 0      | 0      | 0      | 4      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 3  | 10                      | Greg Bugbee     | 41.47122 | -72.47162 | 9/25/2019 | 0.8       | Silt      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 4  | 20                      | Greg Bugbee     | 41.47125 | -72.47149 | 9/25/2019 | 0.8       | Silt      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 2      | 0      |
| 3              | 5  | 30                      | Greg Bugbee     | 41.47132 | -72.47138 | 9/25/2019 | 1.1       | Silt      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0     | 2      | 0      |
| 3              | 6  | 40                      | Greg Bugbee     | 41.47131 | -72.47129 | 9/25/2019 | 1.1       | Silt      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 3      | 0      |
| 3              | 7  | 50                      | Greg Bugbee     | 41.47136 | -72.47117 | 9/25/2019 | 3.3       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 8  | 60                      | Greg Bugbee     | 41.47136 | -72.47106 | 9/25/2019 | 4.0       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 9  | 70                      | Greg Bugbee     | 41.47152 | -72.47096 | 9/25/2019 | 4.5       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 3              | 10 | 80                      | Greg Bugbee     | 41.47150 | -72.47082 | 9/25/2019 | 4.5       | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 4              | 1  | 0.5                     | Summer Stebbins | 41.42508 | -72.43854 | 9/25/2019 | 1.2       | Silt      | 0      | 2      | 0      | 0      | 0      | 4      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 3      | 0     | 0      | 0      |
| 4              | 2  | 5                       | Summer Stebbins | 41.42505 | -72.43849 | 9/25/2019 | 1.0       | Silt      | 0      | 2      | 0      | 0      | 0      | 4      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 4              | 3  | 10                      | Summer Stebbins | 41.42499 | -72.43849 | 9/25/2019 | 1.0       | Silt      | 2      | 2      | 0      | 0      | 0      | 4      | 2      | 0      | 0      | 2      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 4              | 4  | 20                      | Summer Stebbins | 41.42491 | -72.43843 | 9/25/2019 | 1.0       | Silt      | 1      | 0      | 0      | 0      | 0      | 4      | 2      | 0      | 0      | 2      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 4              | 5  | 30                      | Summer Stebbins | 41.42481 | -72.43838 | 9/25/2019 | 1.0       | Silt      | 0      | 2      | 0      | 0      | 0      | 4      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 4              | 6  | 40                      | Summer Stebbins | 41.42472 | -72.43836 | 9/25/2019 | 1.0       | Silt      | 3      | 2      | 0      | 0      | 0      | 4      | 2      | 0      | 0      | 2      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 4              | 7  | 50                      | Summer Stebbins | 41.42466 | -72.43834 | 9/25/2019 | 1.0       | Silt      | 3      | 2      | 0      | 0      | 0      | 4      | 1      | 0      | 0      | 2      | 0      | 0      | 0      | 1      | 0     | 0      | 0      |
| 4              | 8  | 60                      | Summer Stebbins | 41.42461 | -72.43823 | 9/25/2019 | 1.0       | Silt      | 2      | 0      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 4              | 9  | 70                      | Summer Stebbins | 41.42450 | -72.43818 | 9/25/2019 | 2.2       | Silt      | 2      | 0      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 4              | 10 | 80                      | Summer Stebbins | 41.42439 | -72.43807 | 9/25/2019 | 1.7       | Silt      | 0      | 0      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 5              | 1  | 0.5                     | Greg Bugbee     | 41.41064 | -72.41871 | 9/27/2019 | 1.0       | Gravel    | 0      | 2      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 5              | 2  | 5                       | Greg Bugbee     | 41.41069 | -72.41868 | 9/27/2019 | 1.8       | Muck      | 0      | 2      | 0      | 0      | 0      | 4      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 5              | 3  | 10                      | Greg Bugbee     | 41.41072 | -72.41863 | 9/27/2019 | 1.6       | Muck      | 0      | 2      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 2      | 0     | 0      | 0      |
| 5              | 4  | 20                      | Greg Bugbee     | 41.41073 | -72.41849 | 9/27/2019 | 1.6       | Muck      | 0      | 2      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 1      | 0     | 0      | 0      |
| 5              | 5  | 30                      | Greg Bugbee     | 41.41082 | -72.41843 | 9/27/2019 | 1.6       | Muck      | 0      | 3      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 1      | 0     | 0      | 0      |
| 5              | 6  | 40                      | Greg Bugbee     | 41.41088 | -72.41834 | 9/27/2019 | 1.6       | Muck      | 0      | 4      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 5              | 7  | 50                      | Greg Bugbee     | 41.41094 | -72.41825 | 9/27/2019 | 1.6       | Muck      | 0      | 3      | 0      | 0      | 0      | 4      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 5              | 8  | 60                      | Greg Bugbee     | 41.41101 | -72.41818 | 9/27/2019 | 1.6       | Muck      | 0      | 2      | 0      | 0      | 0      | 4      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 5              | 9  | 70                      | Greg Bugbee     | 41.41110 | -72.41812 | 9/27/2019 | 1.6       | Muck      | 0      | 0      | 0      | 0      | 0      | 5      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |
| 5              | 10 | 80                      | Greg Bugbee     | 41.41113 | -72.41800 | 9/27/2019 | 1.6       | Muck      | 0      | 2      | 0      | 0      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0     | 0      | 0      |



Appendix Connecticut River Transect Data (2 of 2)

| Distance<br>from Shore |    |     |                 |          |           |           |     | Depth     |        |        |        |        |        |        |        |        |        |        |         |        |        |        |       |        |        |
|------------------------|----|-----|-----------------|----------|-----------|-----------|-----|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|--------|-------|--------|--------|
| Transect Point         |    | (m) | Surveyor        | Latitude | Longitude | Date      | (m) | Substrate | CabCar | CerDem | ElaSpp | EloNut | EriAqu | HydVer | LemMin | LudSpp | MyrHet | MyrSpi | NymOddo | PotPer | SagSpp | SpiPol | Typha | ValAme | ZanPal |
| 6                      | 1  | 0.5 | Summer Stebbins | 41.39598 | -72.42750 | 9/25/2019 | 0.1 | Silt      | 0      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 6                      | 2  | 5   | Summer Stebbins | 41.39600 | -72.42733 | 9/25/2019 | 0.0 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 6                      | 3  | 10  | Summer Stebbins | 41.39600 | -72.42725 | 9/25/2019 | 0.3 | Silt      | 0      | 0      | 0      | 1      | 0      | 2      | 0      | 0      | 0      | 2      | 0       | 1      | 0      | 0      | 0     | 3      | 0      |
| 6                      | 4  | 20  | Summer Stebbins | 41.39606 | -72.42718 | 9/25/2019 | 0.4 | Silt      | 0      | 0      | 0      | 2      | 0      | 2      | 0      | 0      | 0      | 2      | 0       | 0      | 0      | 0      | 0     | 4      | 0      |
| 6                      | 5  | 30  | Summer Stebbins | 41.39610 | -72.42705 | 9/25/2019 | 0.4 | Silt      | 0      | 2      | 0      | 2      | 0      | 2      | 0      | 0      | 0      | 2      | 0       | 0      | 0      | 0      | 0     | 3      | 0      |
| 6                      | 6  | 40  | Summer Stebbins | 41.39614 | -72.42693 | 9/25/2019 | 3.1 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 6                      | 7  | 50  | Summer Stebbins | 41.39609 | -72.42680 | 9/25/2019 | 2.6 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 6                      | 8  | 60  | Summer Stebbins | 41.39608 | -72.42666 | 9/25/2019 | 6.0 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 6                      | 9  | 70  | Summer Stebbins | 41.39623 | -72.42657 | 9/25/2019 | 4.9 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 6                      | 10 | 80  | Summer Stebbins | 41.39627 | -72.42644 | 9/25/2019 | 5.4 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 7                      | 1  | 0.5 | Greg Bugbee     | 41.38794 | -72.35192 | 9/25/2019 | 0.2 | Muck      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 2       | 0      | 0      | 0      | 0     | 0      | 0      |
| 7                      | 2  | 5   | Greg Bugbee     | 41.38790 | -72.35201 | 9/25/2019 | 0.2 | Muck      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 1      | 2       | 0      | 0      | 0      | 0     | 2      | 0      |
| 7                      | 3  | 10  | Greg Bugbee     | 41.38794 | -72.35207 | 9/25/2019 | 0.3 | Muck      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 2      | 1      | 2       | 0      | 0      | 0      | 0     | 2      | 0      |
| 7                      | 4  | 20  | Greg Bugbee     | 41.38794 | -72.35218 | 9/25/2019 | 0.4 | Muck      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 2      | 2       | 0      | 0      | 0      | 0     | 2      | 0      |
| 7                      | 5  | 30  | Greg Bugbee     | 41.38794 | -72.35224 | 9/25/2019 | 1.5 | Muck      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2       | 0      | 0      | 0      | 0     | 0      | 0      |
| 7                      | 6  | 40  | Greg Bugbee     | 41.38789 | -72.35242 | 9/25/2019 | 2.5 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 7                      | 7  | 50  | Greg Bugbee     | 41.38777 | -72.35254 | 9/25/2019 | 0.5 | Sand      | 0      | 2      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 2      | 0      |
| 7                      | 8  | 60  | Greg Bugbee     | 41.38779 | -72.35264 | 9/25/2019 | 0.5 | Sand      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 2      | 0      |
| 7                      | 9  | 70  | Greg Bugbee     | 41.38774 | -72.35275 | 9/25/2019 | 0.3 | Sand      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 3       | 0      | 0      | 0      | 0     | 0      | 0      |
| 7                      | 10 | 80  | Greg Bugbee     | 41.38771 | -72.35287 | 9/25/2019 | 0.3 | Muck      | 0      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 2       | 2      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 1  | 0.5 | Greg Bugbee     | 41.35838 | -72.39133 | 9/27/2019 | 0.2 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 0      | 0      | 0      | 3     | 0      | 0      |
| 8                      | 2  | 5   | Greg Bugbee     | 41.35841 | -72.39126 | 9/27/2019 | 0.3 | Silt      | 0      | 1      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 1      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 3  | 10  | Greg Bugbee     | 41.35840 | -72.39120 | 9/27/2019 | 0.3 | Silt      | 0      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 3      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 4  | 20  | Greg Bugbee     | 41.35843 | -72.39109 | 9/27/2019 | 0.4 | Silt      | 0      | 0      | 0      | 1      | 2      | 0      | 0      | 0      | 0      | 1      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 5  | 30  | Greg Bugbee     | 41.35845 | -72.39097 | 9/27/2019 | 0.5 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 6  | 40  | Greg Bugbee     | 41.35849 | -72.39086 | 9/27/2019 | 1.0 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 7  | 50  | Greg Bugbee     | 41.35852 | -72.39075 | 9/27/2019 | 1.2 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 1      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 8  | 60  | Greg Bugbee     | 41.35857 | -72.39063 | 9/27/2019 | 1.2 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 9  | 70  | Greg Bugbee     | 41.35861 | -72.39052 | 9/27/2019 | 0.8 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 0      | 0      | 0      | 0     | 0      | 0      |
| 8                      | 10 | 80  | Greg Bugbee     | 41.35863 | -72.39041 | 9/27/2019 | 0.5 | Silt      | 0      | 0      | 0      | 1      | 0      | 0      | 0      | 0      | 0      | 3      | 0       | 0      | 0      | 0      | 0     | 2      | 0      |
| 9                      | 1  | 0.5 | Greg Bugbee     | 41.36051 | -72.36199 | 9/28/2019 | 1.3 | Silt      | 0      | 2      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 2      | 0      |
| 9                      | 2  | 5   | Greg Bugbee     | 41.36054 | -72.36198 | 9/28/2019 | 1.4 | Silt      | 0      | 2      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 2      | 1      |
| 9                      | 3  | 10  | Greg Bugbee     | 41.36059 | -72.36194 | 9/28/2019 | 1.8 | Silt      | 0      | 2      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 2      | 1      |
| 9                      | 4  | 20  | Greg Bugbee     | 41.36068 | -72.36194 | 9/28/2019 | 1.6 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 2      | 2      |
| 9                      | 5  | 30  | Greg Bugbee     | 41.36078 | -72.36193 | 9/28/2019 | 1.5 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 4      | 2      |
| 9                      | 6  | 40  | Greg Bugbee     | 41.36085 | -72.36188 | 9/28/2019 | 1.5 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 4      | 2      |
| 9                      | 7  | 50  | Greg Bugbee     | 41.36096 | -72.36188 | 9/28/2019 | 1.6 | Silt      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2       | 0      | 0      | 0      | 0     | 4      | 2      |
| 9                      | 8  | 60  | Greg Bugbee     | 41.36101 | -72.36186 | 9/28/2019 | 1.5 | Silt      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 4      | 2      |
| 9                      | 9  | 70  | Greg Bugbee     | 41.36109 | -72.36180 | 9/28/2019 | 1.5 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 4      | 2      |
| 9                      | 10 | 80  | Greg Bugbee     | 41.36120 | -72.36177 | 9/28/2019 | 1.5 | Silt      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 4      | 2      |
| 10                     | 1  | 0.5 | Greg Bugbee     | 41.37706 | -72.36886 | 9/28/2019 | 0.3 | Silt      | 0      | 2      | 0      | 0      | 0      | 2      | 0      | 0      | 0      | 0      | 2       | 0      | 2      | 0      | 0     | 0      | 2      |
| 10                     | 2  | 5   | Greg Bugbee     | 41.37704 | -72.36880 | 9/28/2019 | 1.3 | Rock      | 0      | 4      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 0      | 2      |
| 10                     | 3  | 10  | Greg Bugbee     | 41.37701 | -72.36876 | 9/28/2019 | 1.4 | Rock      | 0      | 3      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 0      | 0       | 2      | 0      | 0      | 0     | 3      | 2      |
| 10                     | 4  | 20  | Greg Bugbee     | 41.37699 | -72.36863 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 3      | 2      |
| 10                     | 5  | 30  | Greg Bugbee     | 41.37697 | -72.36855 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 3      | 2      |
| 10                     | 6  | 40  | Greg Bugbee     | 41.37694 | -72.36842 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 2      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 0      | 2      |
| 10                     | 7  | 50  | Greg Bugbee     | 41.37691 | -72.36833 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 2      | 2      |
| 10                     | 8  | 60  | Greg Bugbee     | 41.37692 | -72.36821 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 2      | 0       | 2      | 0      | 0      | 0     | 2      | 2      |
| 10                     | 9  | 70  | Greg Bugbee     | 41.37686 | -72.36805 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 3      | 0       | 2      | 0      | 0      | 0     | 2      | 2      |
| 10                     | 10 | 80  | Greg Bugbee     | 41.37683 | -72.36793 | 9/28/2019 | 1.7 | Rock      | 0      | 3      | 0      | 0      | 0      | 0      | 0      | 0      | 0      | 3      | 0       | 2      | 0      | 0      | 0     | 2      | 2      |



*Invasive Aquatic Plant Locations*



Appendix Connecticut River Invasive Plant Location Data (1 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| CabCar              |       | Point | 9/25/2019 | 41.42501 | -72.43846 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 9/25/2019 | 41.42490 | -72.43848 | 0-2       | 1         | 0.0002       |
| CabCar              |       | Point | 9/25/2019 | 41.42473 | -72.43832 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 9/25/2019 | 41.42467 | -72.43830 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 9/25/2019 | 41.42462 | -72.43820 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 9/25/2019 | 41.42450 | -72.43821 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42427 | -72.43870 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42423 | -72.43879 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42420 | -72.43888 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42417 | -72.43858 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42414 | -72.43911 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42405 | -72.43924 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42404 | -72.43902 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42401 | -72.43912 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42388 | -72.43967 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42381 | -72.43956 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42379 | -72.43991 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42376 | -72.43999 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42376 | -72.43997 | 0-2       | 4         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42374 | -72.44008 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.42366 | -72.44028 | 0-2       | 2         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.41069 | -72.43044 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.41067 | -72.43060 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.41065 | -72.43093 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.41065 | -72.42998 | 0-2       | 4         | 0.0002       |
| CabCar              |       | Patch | 8/19/2019 | 41.41017 | -72.43257 | 0-2       | 4         | 1.3070       |
| CabCar              |       | Patch | 8/19/2019 | 41.40971 | -72.43257 | 0-2       | 3         | 1.9964       |
| CabCar              |       | Point | 8/16/2019 | 41.40847 | -72.43057 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40847 | -72.43242 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40847 | -72.43047 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40847 | -72.43031 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40846 | -72.43045 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40846 | -72.43035 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40845 | -72.43236 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40845 | -72.43068 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40845 | -72.43079 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40844 | -72.43084 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40844 | -72.43253 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40843 | -72.43121 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40843 | -72.43243 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40840 | -72.43274 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40838 | -72.43183 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40838 | -72.43149 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40837 | -72.43002 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40835 | -72.43048 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/16/2019 | 41.40831 | -72.43128 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40824 | -72.43278 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40819 | -72.43247 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40812 | -72.43268 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40803 | -72.43277 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40800 | -72.43250 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40800 | -72.43258 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40793 | -72.43272 | 0-2       | 3         | 0.0002       |
| CabCar              |       | Point | 8/19/2019 | 41.40791 | -72.43263 | 0-2       | 3         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (2 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| CabCar              |               | Point | 8/19/2019 | 41.40791 | -72.43243 | 0-2       | 3         | 0.0002       |
| CabCar              |               | Point | 8/19/2019 | 41.40782 | -72.43253 | 0-2       | 3         | 0.0002       |
| CabCar              |               | Patch | 8/16/2019 | 41.40733 | -72.43213 | 0-2       | 4         | 0.1623       |
| CabCar              |               | Patch | 8/16/2019 | 41.40729 | -72.43222 | 0-2       | 3         | 0.2444       |
| HydVer              |               | Patch | 8/8/2019  | 41.51252 | -72.55293 | 0-2       | 2         | 0.0089       |
| HydVer              |               | Point | 8/8/2019  | 41.51199 | -72.55278 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51188 | -72.55279 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51177 | -72.55263 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51174 | -72.55261 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51170 | -72.55258 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51158 | -72.55253 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51111 | -72.55239 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51087 | -72.55227 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.51086 | -72.55223 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/8/2019  | 41.51034 | -72.55195 | 0-2       | 2         | 0.2919       |
| HydVer              |               | Point | 8/8/2019  | 41.50974 | -72.55154 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50966 | -72.55148 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50956 | -72.55139 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50949 | -72.55139 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50945 | -72.55140 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50938 | -72.55139 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50931 | -72.55130 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50922 | -72.55126 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50918 | -72.55125 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50815 | -72.55554 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50805 | -72.55550 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/8/2019  | 41.50786 | -72.55057 | 0-2       | 3         | 0.6396       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50695 | -72.55497 | 0-1       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50587 | -72.55420 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/8/2019  | 41.50577 | -72.55007 | 0-2       | 3         | 0.2794       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50552 | -72.55412 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50542 | -72.55407 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50534 | -72.55405 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50526 | -72.55403 | 0-1       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50520 | -72.55398 | 0-1       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50516 | -72.54952 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50513 | -72.54949 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50499 | -72.55389 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50495 | -72.54938 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50486 | -72.55381 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50481 | -72.55378 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50471 | -72.55377 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50462 | -72.55372 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50428 | -72.54879 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50425 | -72.55354 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50414 | -72.55344 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50398 | -72.55334 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50386 | -72.55321 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50363 | -72.55322 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50352 | -72.55340 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50351 | -72.55328 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50349 | -72.55349 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50348 | -72.55323 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50334 | -72.55327 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (3 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50327 | -72.55322 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50310 | -72.55270 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50296 | -72.54665 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50285 | -72.55258 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50257 | -72.55226 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50244 | -72.55212 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50231 | -72.55207 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50213 | -72.55185 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50210 | -72.54420 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50192 | -72.54366 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50191 | -72.54335 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50186 | -72.55159 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50182 | -72.54323 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50181 | -72.54301 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50178 | -72.55153 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50177 | -72.55147 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50172 | -72.55139 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50167 | -72.54244 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50164 | -72.55130 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50151 | -72.55103 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50145 | -72.54172 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50145 | -72.55087 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50138 | -72.54130 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50134 | -72.55065 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50132 | -72.55053 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50131 | -72.55047 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50131 | -72.55041 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50130 | -72.54084 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50101 | -72.53927 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50088 | -72.53858 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50088 | -72.53849 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50079 | -72.53794 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50073 | -72.53752 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50072 | -72.53763 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50067 | -72.53705 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50066 | -72.54851 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50057 | -72.54846 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50055 | -72.53653 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50054 | -72.54841 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50053 | -72.54835 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.50053 | -72.48764 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50053 | -72.53639 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50049 | -72.54829 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50047 | -72.53585 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50047 | -72.53610 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50045 | -72.54816 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50044 | -72.53604 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.50036 | -72.53537 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50034 | -72.54791 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50025 | -72.54770 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.50017 | -72.54751 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49999 | -72.53340 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49994 | -72.53300 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49992 | -72.53315 | 0-2       | 1         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (4 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/8/2019  | 41.49990 | -72.53256 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49985 | -72.53274 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49981 | -72.53205 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49979 | -72.54672 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49978 | -72.53249 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49970 | -72.53149 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49946 | -72.54497 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49945 | -72.54494 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49945 | -72.54470 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49932 | -72.54349 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49930 | -72.54300 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49926 | -72.54229 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49924 | -72.54252 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49870 | -72.54008 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49733 | -72.53596 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49724 | -72.53556 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49716 | -72.53534 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49711 | -72.53525 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49692 | -72.52214 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49664 | -72.52017 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49662 | -72.52009 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49649 | -72.53372 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49625 | -72.51848 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49617 | -72.53304 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49580 | -72.53217 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/9/2019  | 41.49578 | -72.51691 | 0-1       | 2         | 0.0335       |
| HydVer              |               | Point | 8/12/2019 | 41.49578 | -72.48733 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49577 | -72.52592 | 0-1       | 3         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49573 | -72.52593 | 0-1       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49573 | -72.53207 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49572 | -72.51673 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49571 | -72.51666 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49569 | -72.52593 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49568 | -72.51662 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49567 | -72.51657 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49565 | -72.53186 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/8/2019  | 41.49560 | -72.52509 | 0-2       | 2         | 0.0796       |
| HydVer              |               | Patch | 8/8/2019  | 41.49556 | -72.52587 | 0-1       | 2         | 0.0053       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49551 | -72.51619 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49545 | -72.53133 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49544 | -72.51600 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/8/2019  | 41.49543 | -72.52572 | 0-1       | 2         | 0.0014       |
| HydVer              |               | Patch | 8/8/2019  | 41.49539 | -72.52515 | 0-2       | 3         | 0.1805       |
| HydVer              |               | Point | 8/12/2019 | 41.49529 | -72.48708 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49528 | -72.51570 | 0-1       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49526 | -72.48707 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49522 | -72.48706 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49519 | -72.48706 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49518 | -72.53082 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49514 | -72.48700 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49512 | -72.48697 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49501 | -72.53061 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49499 | -72.48694 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49496 | -72.53041 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (5 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49491 | -72.53032 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.49481 | -72.48575 | 0-1       | 2         | 0.0268       |
| HydVer              |               | Point | 8/12/2019 | 41.49469 | -72.48679 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49462 | -72.48572 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49456 | -72.48568 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49449 | -72.48570 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49447 | -72.52929 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49444 | -72.52924 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49439 | -72.48735 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49436 | -72.48730 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49419 | -72.48588 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49416 | -72.48593 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49414 | -72.48596 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49406 | -72.51402 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/8/2019  | 41.49405 | -72.52150 | 0-2       | 1         | 0.4309       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49399 | -72.52779 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49393 | -72.52766 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49391 | -72.52054 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49388 | -72.52004 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49387 | -72.52747 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49382 | -72.51970 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/8/2019  | 41.49376 | -72.51957 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49338 | -72.52640 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49328 | -72.52591 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.49328 | -72.52149 | 0-2       | 3         | 0.1790       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49323 | -72.52564 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49320 | -72.51338 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49318 | -72.51335 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.49311 | -72.48702 | 0-2       | 2         | 0.1714       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49295 | -72.52475 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49294 | -72.48669 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49290 | -72.52467 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49288 | -72.48666 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49285 | -72.52456 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49282 | -72.52444 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49280 | -72.48672 | 0-2       | 5         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49272 | -72.48671 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49270 | -72.48661 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.49257 | -72.52092 | 0-2       | 3         | 0.0766       |
| HydVer              | With Eelgrass | Patch | 8/9/2019  | 41.49214 | -72.52013 | 0-1       | 5         | 0.0282       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49192 | -72.51243 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49189 | -72.52304 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49174 | -72.52280 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49161 | -72.52259 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49146 | -72.52239 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49143 | -72.52234 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49138 | -72.51178 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49130 | -72.52220 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49118 | -72.52199 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/8/2019  | 41.49110 | -72.52190 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.49107 | -72.48485 | 0-1       | 3         | 0.2959       |
| HydVer              |               | Patch | 8/12/2019 | 41.49096 | -72.48617 | 0-2       | 3         | 1.7121       |
| HydVer              | With Eelgrass | Patch | 8/9/2019  | 41.49080 | -72.51748 | 0-2       | 3         | 0.9926       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49077 | -72.51512 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (6 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49070 | -72.51114 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49053 | -72.48450 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49050 | -72.48447 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49044 | -72.48442 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.49029 | -72.51478 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.49027 | -72.48424 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/8/2019  | 41.49020 | -72.52058 | 0-2       | 3         | 0.7770       |
| HydVer              |               | Patch | 8/12/2019 | 41.49020 | -72.47832 | 0-1       | 3         | 8.0817       |
| HydVer              |               | Point | 8/12/2019 | 41.49007 | -72.48407 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48994 | -72.48392 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48987 | -72.51080 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48985 | -72.48108 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48984 | -72.48102 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48983 | -72.48145 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.48983 | -72.48012 | 0-1       | 3         | 0.2542       |
| HydVer              |               | Point | 8/12/2019 | 41.48982 | -72.48138 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48981 | -72.48150 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48981 | -72.48377 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48980 | -72.48133 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48979 | -72.51432 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48979 | -72.48154 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48975 | -72.48355 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48974 | -72.48183 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48973 | -72.48350 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48963 | -72.48254 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48962 | -72.48257 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48942 | -72.47569 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48929 | -72.47576 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48926 | -72.47808 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48922 | -72.47955 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48918 | -72.47820 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48903 | -72.47699 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48897 | -72.47709 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48896 | -72.51026 | 0-1       | 1         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48894 | -72.47712 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48893 | -72.51027 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48891 | -72.47953 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48890 | -72.47904 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48887 | -72.47722 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/8/2019  | 41.48878 | -72.51844 | 0-2       | 3         | 0.2868       |
| HydVer              |               | Point | 8/12/2019 | 41.48854 | -72.47628 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.48843 | -72.47530 | 0-1       | 3         | 1.3391       |
| HydVer              |               | Point | 8/12/2019 | 41.48825 | -72.47625 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48632 | -72.50815 | 0-1       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48619 | -72.50779 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/15/2019 | 41.48607 | -72.51470 | 0-2       | 3         | 0.6016       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48578 | -72.50743 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48553 | -72.51373 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48527 | -72.50674 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48524 | -72.50664 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48521 | -72.50670 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.48520 | -72.47879 | 0-1       | 2         | 0.2405       |
| HydVer              | With Eelgrass | Patch | 8/15/2019 | 41.48519 | -72.51310 | 0-2       | 3         | 0.2387       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48508 | -72.50653 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (7 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48488 | -72.50614 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48485 | -72.50608 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48484 | -72.51254 | 0-2       | 1         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48482 | -72.50603 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48478 | -72.51246 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48466 | -72.47860 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48466 | -72.51219 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48464 | -72.47850 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48460 | -72.51215 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48457 | -72.50558 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48446 | -72.50537 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48439 | -72.51161 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48438 | -72.51100 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48436 | -72.50524 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48436 | -72.50528 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48434 | -72.47783 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48433 | -72.50521 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48426 | -72.51147 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48420 | -72.50502 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48418 | -72.50499 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48417 | -72.50497 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48414 | -72.51129 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48410 | -72.51119 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48398 | -72.51096 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48395 | -72.50451 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48387 | -72.51085 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48383 | -72.50427 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48380 | -72.50423 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48376 | -72.50415 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48369 | -72.50406 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48363 | -72.50393 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48362 | -72.50390 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48360 | -72.50384 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48356 | -72.50376 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48354 | -72.50366 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48348 | -72.47811 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/15/2019 | 41.48348 | -72.51035 | 0-2       | 3         | 0.1856       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48347 | -72.50353 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48341 | -72.50343 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48339 | -72.47676 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48337 | -72.50337 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48333 | -72.47669 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48329 | -72.47830 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48329 | -72.50319 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48326 | -72.47831 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48324 | -72.50310 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48317 | -72.47679 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48315 | -72.47673 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48314 | -72.47664 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48312 | -72.50288 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48310 | -72.47650 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48309 | -72.47644 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48306 | -72.47636 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48303 | -72.50272 | 0-1       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (8 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/12/2019 | 41.48294 | -72.47812 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48284 | -72.47816 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48281 | -72.50236 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48271 | -72.47676 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/15/2019 | 41.48267 | -72.50811 | 0-2       | 4         | 3.5751       |
| HydVer              |               | Point | 8/12/2019 | 41.48266 | -72.47800 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48255 | -72.47811 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48252 | -72.47822 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48246 | -72.47702 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48246 | -72.47825 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48243 | -72.47807 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.48235 | -72.47879 | 0-1       | 2         | 0.0898       |
| HydVer              |               | Point | 8/12/2019 | 41.48234 | -72.47785 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48229 | -72.47782 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48229 | -72.47803 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48223 | -72.47819 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48220 | -72.50114 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48211 | -72.50106 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48199 | -72.47892 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48195 | -72.47897 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48191 | -72.47899 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48187 | -72.47900 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48183 | -72.47903 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48179 | -72.47907 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48177 | -72.50043 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.48175 | -72.47912 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48160 | -72.50004 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48159 | -72.50013 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48159 | -72.49998 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48141 | -72.50612 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48129 | -72.50596 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48120 | -72.50587 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48118 | -72.49936 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48110 | -72.50576 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.48017 | -72.50482 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.48014 | -72.49746 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47998 | -72.50469 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47993 | -72.50464 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47970 | -72.49617 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.47970 | -72.47897 | 0-2       | 2         | 16.8392      |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47967 | -72.49607 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47960 | -72.49581 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47942 | -72.50417 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47936 | -72.49500 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47916 | -72.49414 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47913 | -72.49408 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47907 | -72.49392 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47897 | -72.49332 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47889 | -72.49314 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47888 | -72.49321 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47885 | -72.49296 | 0-1       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47883 | -72.49292 | 0-1       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47865 | -72.49234 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47864 | -72.49246 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (9 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47843 | -72.49179 | 0-1       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47831 | -72.49158 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47828 | -72.49155 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47827 | -72.49142 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47818 | -72.49131 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47805 | -72.50297 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.47759 | -72.49033 | 0-2       | 2         | 0.2431       |
| HydVer              |               | Point | 8/15/2019 | 41.47751 | -72.50249 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47719 | -72.48954 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47716 | -72.48943 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47712 | -72.48933 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47709 | -72.50204 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47707 | -72.48926 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47703 | -72.48920 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47695 | -72.48907 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.47693 | -72.48911 | 0-2       | 2         | 0.0428       |
| HydVer              |               | Point | 8/15/2019 | 41.47649 | -72.50149 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.47638 | -72.48013 | 0-2       | 3         | 0.3816       |
| HydVer              |               | Patch | 8/9/2019  | 41.47628 | -72.48858 | 0-2       | 3         | 0.5749       |
| HydVer              |               | Point | 8/15/2019 | 41.47602 | -72.50089 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47574 | -72.48694 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47565 | -72.48675 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47554 | -72.48653 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47551 | -72.48643 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47521 | -72.48581 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.47514 | -72.47522 | 0-2       | 3         | 1.0610       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47512 | -72.48556 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47498 | -72.48540 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.47489 | -72.48669 | 0-2       | 2         | 1.3355       |
| HydVer              |               | Point | 8/15/2019 | 41.47460 | -72.49920 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47452 | -72.48451 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47450 | -72.49890 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47449 | -72.48447 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47439 | -72.49866 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47436 | -72.49862 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47435 | -72.48435 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.47434 | -72.47347 | 0-1       | 3         | 0.1170       |
| HydVer              |               | Point | 8/15/2019 | 41.47425 | -72.49848 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47414 | -72.48400 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47404 | -72.49765 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47400 | -72.49756 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47393 | -72.49743 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47392 | -72.48375 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47391 | -72.49739 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47390 | -72.48362 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47389 | -72.49734 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47387 | -72.49721 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47344 | -72.48294 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.47343 | -72.48280 | 0-1       | 2         | 0.0696       |
| HydVer              |               | Point | 8/15/2019 | 41.47323 | -72.49212 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47319 | -72.49202 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.47316 | -72.48256 | 0-1       | 2         | 0.0629       |
| HydVer              |               | Point | 8/15/2019 | 41.47311 | -72.49189 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/9/2019  | 41.47240 | -72.47458 | 0-2       | 3         | 31.1109      |



Appendix Connecticut River Invasive Plant Location Data (10 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Patch | 8/12/2019 | 41.47222 | -72.46978 | 0-2       | 5         | 1.0804       |
| HydVer              |               | Point | 8/15/2019 | 41.47204 | -72.48895 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47203 | -72.48888 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47199 | -72.48878 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.47196 | -72.47073 | 0-1       | 3         | 0.4529       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47191 | -72.48085 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47191 | -72.48079 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47188 | -72.48075 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47188 | -72.48851 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47159 | -72.48029 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/9/2019  | 41.47124 | -72.47976 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.47081 | -72.48590 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.46953 | -72.46961 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.46945 | -72.46956 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.46912 | -72.46931 | 0-2       | 3         | 0.0635       |
| HydVer              |               | Point | 8/12/2019 | 41.46893 | -72.46926 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.46875 | -72.46913 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.46854 | -72.46902 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46849 | -72.47987 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46847 | -72.47974 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46788 | -72.47793 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.46758 | -72.46855 | 0-2       | 3         | 0.0623       |
| HydVer              |               | Point | 8/12/2019 | 41.46701 | -72.46835 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46646 | -72.47549 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46640 | -72.47544 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46636 | -72.47535 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46632 | -72.47526 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46622 | -72.47512 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46616 | -72.47509 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46612 | -72.47506 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46605 | -72.47503 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46600 | -72.47500 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46575 | -72.47473 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46556 | -72.47451 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46550 | -72.47440 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46546 | -72.47434 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46542 | -72.47427 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46537 | -72.47420 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46534 | -72.47415 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46530 | -72.47409 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46516 | -72.47392 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46506 | -72.47381 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/12/2019 | 41.46473 | -72.46592 | 0-2       | 3         | 1.9781       |
| HydVer              |               | Point | 8/12/2019 | 41.46196 | -72.46486 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.46102 | -72.47081 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.45846 | -72.46974 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.45826 | -72.46969 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.45665 | -72.46444 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.45659 | -72.46444 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.45609 | -72.46429 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.45596 | -72.46883 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.45575 | -72.46872 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/12/2019 | 41.45568 | -72.46430 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/15/2019 | 41.45566 | -72.46869 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (11 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Point | 8/15/2019 | 41.45540 | -72.46863 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45529 | -72.46863 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45480 | -72.46850 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45411 | -72.46822 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/15/2019 | 41.45309 | -72.46699 | 0-2       | 3         | 4.8707       |
| HydVer              |       | Point | 8/12/2019 | 41.45229 | -72.46312 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/12/2019 | 41.45219 | -72.46309 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/12/2019 | 41.45216 | -72.46306 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.45183 | -72.46287 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45176 | -72.46615 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45172 | -72.46610 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45156 | -72.46661 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.45155 | -72.46657 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.45097 | -72.46231 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.45061 | -72.46213 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.45052 | -72.46206 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.45046 | -72.46201 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.45045 | -72.46202 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44946 | -72.46138 | 0-1       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44933 | -72.46131 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44924 | -72.46123 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44880 | -72.46094 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44876 | -72.46091 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44791 | -72.46032 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44759 | -72.46006 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44713 | -72.45972 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44708 | -72.45965 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44595 | -72.45877 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44587 | -72.45859 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44583 | -72.45855 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44522 | -72.45803 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44480 | -72.45773 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44417 | -72.45696 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44386 | -72.45665 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44316 | -72.45586 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44300 | -72.45559 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44294 | -72.45547 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44264 | -72.45515 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44259 | -72.45503 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44248 | -72.45485 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44239 | -72.45471 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.44177 | -72.45417 | 0-2       | 2         | 0.9035       |
| HydVer              |       | Point | 8/16/2019 | 41.44167 | -72.45371 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.44152 | -72.46344 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.44138 | -72.45316 | 0-2       | 2         | 0.0961       |
| HydVer              |       | Point | 8/16/2019 | 41.44108 | -72.45284 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.44105 | -72.45271 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.44100 | -72.46401 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.44093 | -72.46387 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.44092 | -72.46394 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.44033 | -72.45178 | 0-2       | 2         | 0.5415       |
| HydVer              |       | Point | 8/16/2019 | 41.43962 | -72.45346 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43922 | -72.45067 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43917 | -72.45062 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (12 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Patch | 8/16/2019 | 41.43911 | -72.45154 | 0-2       | 3         | 1.5837       |
| HydVer              |       | Patch | 8/16/2019 | 41.43873 | -72.45025 | 0-2       | 2         | 0.0363       |
| HydVer              |       | Point | 8/16/2019 | 41.43827 | -72.45193 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.43807 | -72.44981 | 0-2       | 2         | 0.2094       |
| HydVer              |       | Point | 8/16/2019 | 41.43782 | -72.45310 | 2-3       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.43741 | -72.45089 | 0-2       | 3         | 0.4255       |
| HydVer              |       | Patch | 8/16/2019 | 41.43700 | -72.45142 | 0-2       | 3         | 0.0117       |
| HydVer              |       | Point | 8/16/2019 | 41.43687 | -72.45104 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43674 | -72.44886 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43669 | -72.44884 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43667 | -72.45076 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43663 | -72.45062 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43655 | -72.45056 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43651 | -72.45050 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.43642 | -72.45851 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43636 | -72.45031 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.43631 | -72.45830 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43630 | -72.45028 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43627 | -72.45026 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43622 | -72.45021 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43617 | -72.45015 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43611 | -72.45007 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43606 | -72.45002 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43598 | -72.45115 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.43549 | -72.44784 | 0-2       | 2         | 0.5902       |
| HydVer              |       | Patch | 8/16/2019 | 41.43526 | -72.44931 | 0-2       | 3         | 0.3978       |
| HydVer              |       | Point | 8/16/2019 | 41.43483 | -72.45001 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43451 | -72.44668 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43436 | -72.44648 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43431 | -72.44636 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.43430 | -72.44911 | 0-2       | 2         | 0.0285       |
| HydVer              |       | Point | 8/16/2019 | 41.43428 | -72.44631 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43425 | -72.44626 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43415 | -72.44612 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43407 | -72.44879 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43405 | -72.44602 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43377 | -72.44557 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43364 | -72.44534 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/15/2019 | 41.43248 | -72.45182 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43223 | -72.45131 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43168 | -72.45091 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.43166 | -72.45113 | 0-2       | 4         | 0.0676       |
| HydVer              |       | Point | 8/16/2019 | 41.43163 | -72.45093 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43161 | -72.45095 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43160 | -72.45051 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43158 | -72.45048 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43156 | -72.45045 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43140 | -72.44985 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43137 | -72.44978 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43132 | -72.44957 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43125 | -72.44942 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43120 | -72.44933 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43118 | -72.44929 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43116 | -72.44924 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (13 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Point | 8/16/2019 | 41.43116 | -72.44923 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43115 | -72.44905 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43103 | -72.44914 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43098 | -72.44915 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43097 | -72.44852 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43093 | -72.44908 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43092 | -72.44901 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43089 | -72.44823 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43088 | -72.44834 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43087 | -72.44825 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43085 | -72.44867 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43064 | -72.44701 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43042 | -72.43784 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43039 | -72.43787 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43028 | -72.43788 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43023 | -72.43790 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43017 | -72.43795 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43010 | -72.43809 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.43009 | -72.44574 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42996 | -72.43785 | 1-3       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42982 | -72.44509 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42980 | -72.44498 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42980 | -72.44493 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42967 | -72.44411 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42963 | -72.44403 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42959 | -72.44390 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42954 | -72.44375 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42937 | -72.44313 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42914 | -72.44243 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42683 | -72.43866 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42670 | -72.43853 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42614 | -72.43799 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42603 | -72.43787 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42601 | -72.43785 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42582 | -72.43769 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42578 | -72.43765 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42570 | -72.43758 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42563 | -72.43753 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42559 | -72.43749 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42550 | -72.43743 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42547 | -72.43743 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42532 | -72.43727 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42471 | -72.43688 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.42451 | -72.43862 | 0-2       | 4         | 1.3654       |
| HydVer              |       | Point | 8/16/2019 | 41.42449 | -72.43670 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42445 | -72.43661 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.42423 | -72.43832 | 0-2       | 4         | 0.6202       |
| HydVer              |       | Point | 8/16/2019 | 41.42393 | -72.43933 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42391 | -72.43937 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42383 | -72.43955 | 0-2       | 4         | 0.0002       |
| HydVer              |       | Patch | 8/16/2019 | 41.42366 | -72.44015 | 0-2       | 4         | 0.5419       |
| HydVer              |       | Point | 8/16/2019 | 41.42270 | -72.48513 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42229 | -72.43528 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/16/2019 | 41.42227 | -72.43528 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (14 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/16/2019 | 41.42095 | -72.43402 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 9/27/2019 | 41.41970 | -72.42037 | 0-2       | 3         | 0.5404       |
| HydVer              |               | Point | 8/16/2019 | 41.41929 | -72.41982 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 9/27/2019 | 41.41929 | -72.41645 | 0-2       | 3         | 3.6090       |
| HydVer              |               | Point | 8/16/2019 | 41.41927 | -72.41991 | 1-3       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41916 | -72.43285 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 9/27/2019 | 41.41913 | -72.41939 | 0-2       | 3         | 0.1291       |
| HydVer              |               | Point | 8/16/2019 | 41.41877 | -72.42057 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41872 | -72.41798 | 1-3       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41870 | -72.42065 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41865 | -72.42076 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 9/27/2019 | 41.41864 | -72.41872 | 0-2       | 2         | 0.0282       |
| HydVer              |               | Point | 9/27/2019 | 41.41844 | -72.41657 | 0-1       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41833 | -72.42727 | 1-3       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41816 | -72.43216 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41810 | -72.42254 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/16/2019 | 41.41734 | -72.42448 | 0-2       | 4         | 0.0262       |
| HydVer              |               | Point | 9/27/2019 | 41.41715 | -72.42035 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 9/27/2019 | 41.41670 | -72.41923 | 0-2       | 2         | 1.3707       |
| HydVer              |               | Patch | 8/16/2019 | 41.41649 | -72.42419 | 0-2       | 3         | 0.0201       |
| HydVer              |               | Point | 8/19/2019 | 41.41304 | -72.42404 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41293 | -72.42402 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41283 | -72.42390 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41283 | -72.42396 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41282 | -72.42389 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41277 | -72.42383 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41267 | -72.42378 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41264 | -72.42376 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41262 | -72.42375 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41259 | -72.42374 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41256 | -72.42374 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41244 | -72.42369 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41241 | -72.42366 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41194 | -72.43366 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/16/2019 | 41.41192 | -72.43376 | 0-2       | 4         | 0.4083       |
| HydVer              |               | Point | 8/16/2019 | 41.41184 | -72.43355 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41176 | -72.43355 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/16/2019 | 41.41174 | -72.43472 | 0-2       | 4         | 0.1985       |
| HydVer              |               | Patch | 8/16/2019 | 41.41165 | -72.43555 | 0-2       | 4         | 0.7862       |
| HydVer              |               | Point | 8/16/2019 | 41.41163 | -72.43353 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.41153 | -72.43782 | 0-2       | 4         | 1.0379       |
| HydVer              |               | Point | 8/16/2019 | 41.41144 | -72.43370 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41143 | -72.43378 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41142 | -72.43388 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.41142 | -72.41625 | 0-2       | 4         | 14.2482      |
| HydVer              |               | Point | 8/16/2019 | 41.41141 | -72.43395 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41139 | -72.43406 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41138 | -72.43411 | 0-2       | 4         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (15 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/16/2019 | 41.41137 | -72.43417 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41134 | -72.43429 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41131 | -72.43455 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41128 | -72.43504 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.41128 | -72.43759 | 0-2       | 4         | 1.4251       |
| HydVer              |               | Point | 8/19/2019 | 41.41127 | -72.43925 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41118 | -72.43924 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41116 | -72.43976 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41114 | -72.43456 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41113 | -72.43455 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41110 | -72.42272 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41104 | -72.43963 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.41091 | -72.43945 | 0-2       | 4         | 0.1192       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.41077 | -72.44071 | 0-2       | 4         | 0.3749       |
| HydVer              |               | Point | 8/16/2019 | 41.41066 | -72.43043 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41065 | -72.43054 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.41062 | -72.43097 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41059 | -72.42234 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.41051 | -72.44025 | 0-2       | 4         | 1.1536       |
| HydVer              |               | Patch | 8/16/2019 | 41.41048 | -72.41612 | 0-2       | 3         | 0.4960       |
| HydVer              |               | Point | 8/19/2019 | 41.41030 | -72.42212 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.41026 | -72.42211 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.41016 | -72.41410 | 0-2       | 3         | 0.6991       |
| HydVer              |               | Point | 8/19/2019 | 41.41004 | -72.42199 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40999 | -72.42189 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40971 | -72.43257 | 0-2       | 3         | 1.9964       |
| HydVer              |               | Point | 8/19/2019 | 41.40965 | -72.42168 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40952 | -72.41826 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40951 | -72.42810 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40940 | -72.41830 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40935 | -72.41833 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40934 | -72.43175 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40925 | -72.43178 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40918 | -72.43181 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40913 | -72.43183 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40907 | -72.43185 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40906 | -72.42813 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40905 | -72.41457 | 0-2       | 4         | 0.0323       |
| HydVer              |               | Point | 8/19/2019 | 41.40903 | -72.42124 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40899 | -72.42123 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40899 | -72.43186 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40897 | -72.41462 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40894 | -72.42120 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40892 | -72.41460 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40875 | -72.41869 | 0-2       | 3         | 0.0384       |
| HydVer              |               | Point | 8/19/2019 | 41.40873 | -72.41872 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40863 | -72.41422 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40858 | -72.41415 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40854 | -72.42069 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40854 | -72.41409 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40846 | -72.43055 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40846 | -72.43044 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40846 | -72.43046 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40845 | -72.43035 | 0-2       | 4         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (16 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/16/2019 | 41.40845 | -72.43069 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40845 | -72.43031 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40844 | -72.43080 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40843 | -72.43085 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/16/2019 | 41.40840 | -72.43146 | 0-2       | 4         | 0.1304       |
| HydVer              |               | Point | 8/16/2019 | 41.40835 | -72.42050 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40831 | -72.43130 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40830 | -72.41938 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40817 | -72.42094 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40813 | -72.43259 | 0-2       | 5         | 0.5907       |
| HydVer              |               | Point | 8/19/2019 | 41.40808 | -72.42074 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40807 | -72.42090 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40801 | -72.42090 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40795 | -72.42091 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40773 | -72.43191 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40758 | -72.41380 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40748 | -72.41344 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40745 | -72.41343 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40742 | -72.43162 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40741 | -72.41341 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40737 | -72.41338 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Patch | 8/16/2019 | 41.40729 | -72.43222 | 0-2       | 3         | 0.2444       |
| HydVer              |               | Point | 8/19/2019 | 41.40719 | -72.43156 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40719 | -72.41324 | 0-2       | 3         | 0.0236       |
| HydVer              |               | Point | 8/19/2019 | 41.40717 | -72.43153 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40714 | -72.42902 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40712 | -72.43138 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40710 | -72.42882 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40706 | -72.43089 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Patch | 8/16/2019 | 41.40706 | -72.42951 | 0-2       | 4         | 0.3030       |
| HydVer              |               | Point | 8/16/2019 | 41.40704 | -72.43084 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40702 | -72.42159 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40701 | -72.42155 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40700 | -72.43071 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40699 | -72.43062 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40699 | -72.43053 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40698 | -72.43046 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40697 | -72.43040 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/16/2019 | 41.40697 | -72.43036 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40690 | -72.43047 | 0-2       | 4         | 0.0532       |
| HydVer              |               | Point | 8/19/2019 | 41.40687 | -72.41295 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40686 | -72.43053 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40682 | -72.43063 | 0-2       | 3         | 0.1619       |
| HydVer              |               | Patch | 8/19/2019 | 41.40617 | -72.43056 | 0-2       | 4         | 1.1876       |
| HydVer              |               | Point | 8/19/2019 | 41.40580 | -72.42957 | 0-2       | 5         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40580 | -72.42932 | 0-2       | 5         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40565 | -72.41257 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40558 | -72.43058 | 0-2       | 4         | 1.1992       |
| HydVer              |               | Patch | 8/19/2019 | 41.40471 | -72.41080 | 0-2       | 4         | 0.7039       |
| HydVer              |               | Point | 8/19/2019 | 41.40377 | -72.42081 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40347 | -72.42086 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40345 | -72.42064 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.40254 | -72.43405 | 0-2       | 4         | 0.0705       |
| HydVer              |               | Patch | 8/19/2019 | 41.40240 | -72.40844 | 0-2       | 4         | 0.0325       |

Appendix Connecticut River Invasive Plant Location Data (17 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/19/2019 | 41.40231 | -72.40640 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40231 | -72.40634 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40229 | -72.40837 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40229 | -72.40611 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40227 | -72.40663 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40226 | -72.40668 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40219 | -72.40712 | 0-2       | 3         | 0.0174       |
| HydVer              |               | Point | 8/19/2019 | 41.40218 | -72.40700 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40216 | -72.40710 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40214 | -72.43400 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40210 | -72.43398 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40208 | -72.40528 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40206 | -72.43396 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40202 | -72.43394 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40202 | -72.40566 | 0-2       | 3         | 0.0155       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.40193 | -72.43133 | 0-2       | 4         | 0.3170       |
| HydVer              |               | Point | 8/19/2019 | 41.40188 | -72.43390 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40185 | -72.43390 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40177 | -72.43404 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40172 | -72.43411 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40167 | -72.43418 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/19/2019 | 41.40167 | -72.43257 | 0-2       | 2         | 0.2400       |
| HydVer              |               | Patch | 8/19/2019 | 41.40166 | -72.40490 | 0-2       | 3         | 0.1170       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40162 | -72.43422 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40157 | -72.43428 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40152 | -72.43432 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40145 | -72.43110 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40143 | -72.43102 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40143 | -72.43095 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40143 | -72.43084 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40142 | -72.43078 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40140 | -72.43440 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40138 | -72.43237 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40137 | -72.43052 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.40132 | -72.40430 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40129 | -72.43464 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/19/2019 | 41.40125 | -72.43490 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.40055 | -72.40354 | 0-2       | 3         | 0.0247       |
| HydVer              |               | Point | 8/19/2019 | 41.40002 | -72.40296 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39985 | -72.40233 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39982 | -72.40230 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39978 | -72.40226 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39975 | -72.40223 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39971 | -72.40220 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39969 | -72.40217 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39964 | -72.40213 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39961 | -72.40210 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39959 | -72.40208 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39956 | -72.40206 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39954 | -72.40204 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39951 | -72.40203 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39942 | -72.40198 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39937 | -72.40194 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39925 | -72.40185 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (18 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Point | 8/19/2019 | 41.39868 | -72.41930 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39854 | -72.41919 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Patch | 8/20/2019 | 41.39846 | -72.42540 | 0-2       | 2         | 22.9057      |
| HydVer              |       | Point | 8/20/2019 | 41.39843 | -72.42659 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39838 | -72.42368 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39818 | -72.41896 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39727 | -72.40125 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39727 | -72.40115 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39725 | -72.40094 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39725 | -72.40107 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39701 | -72.42759 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39681 | -72.42752 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39678 | -72.42750 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39674 | -72.41777 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39669 | -72.42737 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39653 | -72.42725 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39647 | -72.42716 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39640 | -72.42711 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39636 | -72.42708 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39614 | -72.42694 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39579 | -72.39841 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39572 | -72.39855 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39571 | -72.42148 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39561 | -72.42312 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39559 | -72.42138 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39556 | -72.42136 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39551 | -72.42082 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39549 | -72.42095 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39546 | -72.42108 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39540 | -72.42072 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39535 | -72.42082 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39534 | -72.42637 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39532 | -72.42079 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39532 | -72.42082 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39530 | -72.42089 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39527 | -72.42072 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/20/2019 | 41.39518 | -72.42021 | 0-2       | 3         | 0.3208       |
| HydVer              |       | Patch | 8/19/2019 | 41.39518 | -72.42467 | 0-2       | 3         | 0.5421       |
| HydVer              |       | Point | 8/20/2019 | 41.39514 | -72.42057 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39486 | -72.41963 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39480 | -72.41961 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39473 | -72.39840 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39472 | -72.39840 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39446 | -72.42120 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/20/2019 | 41.39359 | -72.42025 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Patch | 8/19/2019 | 41.39357 | -72.39825 | 0-2       | 3         | 0.0127       |
| HydVer              |       | Point | 8/19/2019 | 41.39354 | -72.41472 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39344 | -72.39816 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39339 | -72.41448 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/20/2019 | 41.39335 | -72.42541 | 0-1       | 4         | 1.0650       |
| HydVer              |       | Point | 8/19/2019 | 41.39327 | -72.39764 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/19/2019 | 41.39290 | -72.39714 | 0-2       | 3         | 0.0515       |
| HydVer              |       | Point | 8/19/2019 | 41.39288 | -72.39829 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39286 | -72.39836 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (19 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Point | 8/19/2019 | 41.39274 | -72.39847 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39265 | -72.39856 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39258 | -72.39854 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Patch | 8/20/2019 | 41.39215 | -72.42478 | 0-1       | 4         | 0.1265       |
| HydVer              |       | Patch | 8/19/2019 | 41.39214 | -72.39617 | 0-2       | 3         | 0.0081       |
| HydVer              |       | Point | 8/19/2019 | 41.39195 | -72.39822 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39195 | -72.39943 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39195 | -72.39938 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39194 | -72.39933 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39194 | -72.39927 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39193 | -72.39968 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39192 | -72.39920 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39190 | -72.39915 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39190 | -72.39823 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39188 | -72.39912 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39187 | -72.40032 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39187 | -72.39943 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39187 | -72.40038 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39187 | -72.40140 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39187 | -72.40152 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39186 | -72.39907 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39186 | -72.39951 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39186 | -72.40054 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39185 | -72.40155 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39185 | -72.40134 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39185 | -72.39955 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39184 | -72.39930 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39184 | -72.39824 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39183 | -72.39973 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39183 | -72.40129 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39182 | -72.39979 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39182 | -72.40062 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39181 | -72.39999 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39181 | -72.40004 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39180 | -72.40007 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39180 | -72.40012 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39180 | -72.40022 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39175 | -72.39920 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39174 | -72.39810 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Patch | 8/19/2019 | 41.39169 | -72.40089 | 0-2       | 4         | 0.0616       |
| HydVer              |       | Point | 8/19/2019 | 41.39163 | -72.40381 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39162 | -72.39833 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39160 | -72.39837 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39158 | -72.40389 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39157 | -72.40169 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39156 | -72.40389 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Patch | 8/19/2019 | 41.39152 | -72.39865 | 0-2       | 4         | 0.1737       |
| HydVer              |       | Point | 8/19/2019 | 41.39152 | -72.40349 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Patch | 8/19/2019 | 41.39150 | -72.39625 | 0-2       | 3         | 0.0118       |
| HydVer              |       | Point | 8/19/2019 | 41.39146 | -72.40241 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39146 | -72.40233 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39146 | -72.40246 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39146 | -72.40228 | 0-2       | 3         | 0.0002       |
| HydVer              |       | Point | 8/19/2019 | 41.39145 | -72.40338 | 0-2       | 3         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (20 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/19/2019 | 41.39145 | -72.40223 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39139 | -72.40182 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/19/2019 | 41.39139 | -72.40298 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Patch | 8/19/2019 | 41.39138 | -72.40215 | 0-2       | 3         | 0.0215       |
| HydVer              |               | Point | 8/19/2019 | 41.39138 | -72.40280 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.39111 | -72.42433 | 0-2       | 4         | 0.0462       |
| HydVer              |               | Patch | 8/20/2019 | 41.39091 | -72.42410 | 0-2       | 4         | 0.0236       |
| HydVer              |               | Point | 8/19/2019 | 41.39088 | -72.39504 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.39071 | -72.42380 | 0-2       | 4         | 0.0499       |
| HydVer              |               | Point | 8/20/2019 | 41.39050 | -72.41576 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.39049 | -72.42350 | 0-2       | 4         | 0.0197       |
| HydVer              |               | Point | 8/20/2019 | 41.39039 | -72.41556 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.39022 | -72.42318 | 0-2       | 4         | 0.0239       |
| HydVer              |               | Point | 8/22/2019 | 41.38977 | -72.35240 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38974 | -72.35241 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38934 | -72.42288 | 0-2       | 5         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38882 | -72.39109 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.38878 | -72.41758 | 0-2       | 3         | 0.1270       |
| HydVer              |               | Point | 8/22/2019 | 41.38877 | -72.35264 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38874 | -72.41719 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38871 | -72.41599 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.38869 | -72.41981 | 0-2       | 4         | 4.0178       |
| HydVer              |               | Patch | 8/20/2019 | 41.38868 | -72.41700 | 0-2       | 3         | 0.0498       |
| HydVer              | With Eelgrass | Patch | 8/20/2019 | 41.38865 | -72.42245 | 0-2       | 2         | 0.1291       |
| HydVer              |               | Point | 8/20/2019 | 41.38848 | -72.38099 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38842 | -72.38098 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38839 | -72.38093 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38827 | -72.38641 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38827 | -72.38643 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38827 | -72.38647 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38826 | -72.38641 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38826 | -72.38642 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38823 | -72.42224 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38818 | -72.35462 | 0-1       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38811 | -72.41217 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.38808 | -72.42382 | 0-2       | 3         | 1.7845       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38806 | -72.41196 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38804 | -72.35465 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38801 | -72.41168 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38799 | -72.35462 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38797 | -72.42227 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38795 | -72.35457 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/22/2019 | 41.38792 | -72.35218 | 0-2       | 2         | 0.0558       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38786 | -72.42408 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38781 | -72.41097 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/20/2019 | 41.38770 | -72.42374 | 0-2       | 2         | 0.1274       |
| HydVer              | With Eelgrass | Patch | 8/20/2019 | 41.38743 | -72.42542 | 0-2       | 2         | 0.2199       |
| HydVer              |               | Patch | 8/22/2019 | 41.38741 | -72.35315 | 0-2       | 2         | 2.2854       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38735 | -72.40914 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38724 | -72.40148 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38712 | -72.42575 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38707 | -72.40621 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38697 | -72.40571 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38693 | -72.42576 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (21 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38693 | -72.40405 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38692 | -72.40546 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38691 | -72.40474 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38690 | -72.40522 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38680 | -72.42574 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38679 | -72.42566 | 0-2       | 4         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38676 | -72.42575 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38664 | -72.42562 | 0-2       | 4         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38659 | -72.39776 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38646 | -72.35242 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38637 | -72.42555 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38636 | -72.35253 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38628 | -72.39659 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38624 | -72.35271 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38616 | -72.42551 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38607 | -72.39543 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/22/2019 | 41.38594 | -72.35205 | 0-2       | 2         | 1.0797       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38591 | -72.39480 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38588 | -72.39439 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38588 | -72.39447 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38585 | -72.42542 | 0-2       | 3         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38577 | -72.39352 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38572 | -72.42543 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/20/2019 | 41.38562 | -72.42593 | 0-2       | 2         | 0.8312       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38559 | -72.39272 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38557 | -72.42548 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Patch | 8/20/2019 | 41.38487 | -72.42609 | 0-2       | 2         | 0.2402       |
| HydVer              |               | Patch | 8/22/2019 | 41.38462 | -72.35238 | 0-2       | 2         | 1.9172       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38429 | -72.39135 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38421 | -72.39031 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38403 | -72.39155 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Patch | 8/22/2019 | 41.38400 | -72.35155 | 0-2       | 2         | 1.9047       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38394 | -72.39165 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/20/2019 | 41.38387 | -72.39220 | 0-2       | 2         | 0.3854       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38367 | -72.39199 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38362 | -72.39208 | 0-2       | 2         | 0.0002       |
| HydVer              | With Eelgrass | Point | 8/20/2019 | 41.38354 | -72.39228 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38319 | -72.35526 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38319 | -72.35532 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38317 | -72.35529 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38315 | -72.35197 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/20/2019 | 41.38219 | -72.35709 | 1-3       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.38180 | -72.35586 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/22/2019 | 41.38113 | -72.35616 | 0-2       | 1         | 1.4020       |
| HydVer              | Pithophora    | Patch | 8/20/2019 | 41.38015 | -72.35848 | 1-3       | 2         | 0.0330       |
| HydVer              |               | Patch | 8/22/2019 | 41.37981 | -72.35644 | 0-2       | 2         | 0.0716       |
| HydVer              |               | Point | 8/22/2019 | 41.37913 | -72.35711 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.37908 | -72.35718 | 0-2       | 2         | 0.0002       |
| HydVer              | Pithophora    | Patch | 8/20/2019 | 41.37873 | -72.36089 | 1-3       | 2         | 0.3459       |
| HydVer              |               | Point | 8/22/2019 | 41.37870 | -72.35758 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.37851 | -72.35772 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.37850 | -72.35773 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Patch | 8/22/2019 | 41.37848 | -72.35914 | 0-2       | 1         | 11.4909      |
| HydVer              |               | Point | 8/22/2019 | 41.37836 | -72.35790 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (22 of 47)

| Invasive Plant Name | Notes      | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              | Pithophora | Point | 8/22/2019 | 41.37817 | -72.35813 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Patch | 8/20/2019 | 41.37755 | -72.36216 | 1-3       | 2         | 0.3333       |
| HydVer              | Pithophora | Point | 8/22/2019 | 41.37691 | -72.35880 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37690 | -72.35883 | 0-2       | 3         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37687 | -72.35876 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37683 | -72.35896 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Patch | 8/20/2019 | 41.37672 | -72.36302 | 1-3       | 2         | 0.1125       |
| HydVer              |            | Patch | 8/22/2019 | 41.37662 | -72.35940 | 0-2       | 2         | 0.3911       |
| HydVer              |            | Patch | 8/20/2019 | 41.37642 | -72.36778 | 1-3       | 2         | 6.1702       |
| HydVer              |            | Point | 8/22/2019 | 41.37580 | -72.36033 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37578 | -72.36031 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37565 | -72.36021 | 0-2       | 2         | 0.0002       |
| HydVer              | Pithophora | Point | 8/22/2019 | 41.37560 | -72.36023 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37557 | -72.36015 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37552 | -72.36012 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37548 | -72.36012 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37545 | -72.36011 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37543 | -72.36009 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Patch | 8/20/2019 | 41.37542 | -72.36682 | 1-3       | 3         | 0.2289       |
| HydVer              |            | Point | 8/22/2019 | 41.37541 | -72.36006 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Patch | 8/20/2019 | 41.37540 | -72.36420 | 1-3       | 2         | 0.4324       |
| HydVer              |            | Patch | 8/20/2019 | 41.37508 | -72.36553 | 1-3       | 2         | 0.0306       |
| HydVer              |            | Point | 8/20/2019 | 41.37507 | -72.36597 | 1-3       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37387 | -72.36703 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Patch | 8/22/2019 | 41.37376 | -72.36643 | 0-2       | 3         | 0.0160       |
| HydVer              |            | Point | 8/22/2019 | 41.37372 | -72.36709 | 0-2       | 2         | 0.0002       |
| HydVer              | Pithophora | Point | 8/22/2019 | 41.37369 | -72.36710 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37365 | -72.36718 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37363 | -72.36721 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37361 | -72.36724 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37357 | -72.36732 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37348 | -72.36752 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37343 | -72.36753 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Patch | 8/22/2019 | 41.37341 | -72.36931 | 0-2       | 4         | 0.8552       |
| HydVer              |            | Point | 8/22/2019 | 41.37335 | -72.36763 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37329 | -72.36773 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Patch | 8/22/2019 | 41.37326 | -72.36092 | 0-2       | 4         | 0.2010       |
| HydVer              |            | Point | 8/22/2019 | 41.37321 | -72.36776 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.37316 | -72.36781 | 0-2       | 4         | 0.0002       |
| HydVer              |            | Patch | 8/22/2019 | 41.37315 | -72.36271 | 0-2       | 2         | 3.0691       |
| HydVer              | Pithophora | Point | 8/22/2019 | 41.37315 | -72.36789 | 0-2       | 2         | 0.0002       |
| HydVer              |            | Patch | 8/22/2019 | 41.37277 | -72.36147 | 0-2       | 4         | 0.1037       |
| HydVer              |            | Point | 8/22/2019 | 41.36957 | -72.38645 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36932 | -72.38552 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36917 | -72.38731 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36914 | -72.38632 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36880 | -72.38430 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36865 | -72.38517 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36860 | -72.38703 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36847 | -72.38627 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36833 | -72.38368 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36826 | -72.38537 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36783 | -72.38619 | 0-2       | 1         | 0.0002       |
| HydVer              |            | Point | 8/22/2019 | 41.36753 | -72.38568 | 0-2       | 1         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (23 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Point | 8/22/2019 | 41.36717 | -72.38323 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36713 | -72.38511 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36698 | -72.38635 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36698 | -72.38577 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36671 | -72.38491 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36651 | -72.38564 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36650 | -72.38697 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36636 | -72.38505 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36610 | -72.38631 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36595 | -72.38735 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36593 | -72.38445 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36588 | -72.38580 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36588 | -72.38514 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36582 | -72.38673 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36551 | -72.38642 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36550 | -72.38733 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36550 | -72.38583 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36518 | -72.38530 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36511 | -72.38632 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36495 | -72.38771 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36482 | -72.38770 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36475 | -72.38767 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36471 | -72.38548 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36469 | -72.38766 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36463 | -72.38621 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36461 | -72.38766 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36455 | -72.38658 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36453 | -72.38762 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36450 | -72.38701 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36441 | -72.38758 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36421 | -72.38759 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36415 | -72.38681 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36414 | -72.38758 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36414 | -72.38293 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36399 | -72.38422 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36360 | -72.38760 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36356 | -72.38760 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36350 | -72.38761 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36347 | -72.38227 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36342 | -72.38404 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36324 | -72.38764 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36320 | -72.38655 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36308 | -72.38125 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36297 | -72.38453 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36261 | -72.38746 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36261 | -72.38660 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36260 | -72.38838 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36245 | -72.38268 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36245 | -72.38144 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36232 | -72.38356 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36199 | -72.38410 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36186 | -72.38230 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36180 | -72.38312 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36166 | -72.38241 | 0-2       | 1         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (24 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |       | Point | 8/22/2019 | 41.36142 | -72.38962 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36140 | -72.38304 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36139 | -72.36966 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36137 | -72.37022 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36137 | -72.37028 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36136 | -72.37013 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36136 | -72.37034 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36135 | -72.37009 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36135 | -72.38355 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36134 | -72.37003 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36133 | -72.37038 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36126 | -72.38967 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36097 | -72.38547 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36096 | -72.38616 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36075 | -72.38359 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36070 | -72.36173 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36053 | -72.36171 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36053 | -72.36867 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36042 | -72.36158 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36022 | -72.38570 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36016 | -72.38630 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36008 | -72.36956 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.36007 | -72.38446 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36005 | -72.36250 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.36001 | -72.36957 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35999 | -72.36956 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35998 | -72.38694 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35993 | -72.36949 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35974 | -72.35782 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35971 | -72.35767 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35971 | -72.36113 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35966 | -72.36876 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35957 | -72.35786 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35957 | -72.38502 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35955 | -72.38891 | 0-1       | 2         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35950 | -72.35831 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35947 | -72.38422 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35945 | -72.36344 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35941 | -72.35846 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35941 | -72.38648 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35939 | -72.35802 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35935 | -72.35823 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35933 | -72.35857 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35927 | -72.35839 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35924 | -72.38588 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35921 | -72.35871 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 9/23/2019 | 41.35920 | -72.35851 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35899 | -72.35891 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35895 | -72.38509 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35893 | -72.38323 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35879 | -72.38248 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35875 | -72.36192 | 0-2       | 2         | 0.0002       |
| HydVer              |       | Point | 8/22/2019 | 41.35870 | -72.38560 | 0-2       | 1         | 0.0002       |
| HydVer              |       | Point | 8/23/2019 | 41.35856 | -72.35920 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (25 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| HydVer              |               | Point | 8/22/2019 | 41.35853 | -72.38372 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35820 | -72.38447 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35814 | -72.38520 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35774 | -72.38264 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35768 | -72.38390 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35745 | -72.38461 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35740 | -72.38527 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35720 | -72.38337 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35678 | -72.38477 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35648 | -72.38422 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35641 | -72.36686 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35633 | -72.36187 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35583 | -72.38479 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35570 | -72.36714 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/22/2019 | 41.35553 | -72.38427 | 0-2       | 1         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35525 | -72.36697 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35462 | -72.36651 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35460 | -72.36252 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35438 | -72.36268 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35427 | -72.36280 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35402 | -72.36316 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35394 | -72.36326 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35388 | -72.36581 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35373 | -72.36364 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35365 | -72.36431 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35138 | -72.36107 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35132 | -72.36105 | 0-2       | 3         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35076 | -72.36119 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35064 | -72.36111 | 0-2       | 2         | 0.0002       |
| HydVer              |               | Point | 8/23/2019 | 41.35057 | -72.36109 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39186 | -72.35301 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39184 | -72.35304 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39181 | -72.35306 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39179 | -72.35307 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39155 | -72.35328 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39012 | -72.35259 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.39004 | -72.35257 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.38982 | -72.35245 | 0-2       | 2         | 0.0002       |
| MyrHet              |               | Point | 8/22/2019 | 41.38805 | -72.35235 | 1-3       | 1         | 0.0002       |
| MyrHet              |               | Patch | 8/22/2019 | 41.38799 | -72.35211 | 0-2       | 2         | 0.0365       |
| MyrHet              |               | Patch | 8/22/2019 | 41.38780 | -72.35220 | 0-2       | 2         | 0.0246       |
| MyrHet              |               | Point | 8/22/2019 | 41.38686 | -72.35234 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.51211 | -72.55282 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.51034 | -72.55195 | 0-2       | 2         | 0.2919       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50931 | -72.55142 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.50925 | -72.55141 | 0-2       | 3         | 0.0112       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.50911 | -72.55127 | 0-2       | 3         | 0.0365       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.50577 | -72.55007 | 0-2       | 3         | 0.2794       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.50511 | -72.55394 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50489 | -72.54931 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.50348 | -72.55352 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.50265 | -72.55234 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50143 | -72.54147 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50133 | -72.54109 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (26 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |               | Point | 8/8/2019  | 41.50127 | -72.54073 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50107 | -72.53952 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50107 | -72.53958 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50028 | -72.53495 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50021 | -72.53478 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50008 | -72.53387 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.50005 | -72.53374 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49984 | -72.53243 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49948 | -72.54499 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49946 | -72.48763 | 0-2       | 1         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49929 | -72.54342 | 0-2       | 1         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49750 | -72.53640 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49720 | -72.48725 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49673 | -72.52105 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49673 | -72.52109 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49671 | -72.52116 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49639 | -72.51902 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49580 | -72.52594 | 0-2       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49578 | -72.52593 | 0-2       | 3         | 0.0002       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.49567 | -72.52567 | 0-2       | 2         | 0.1042       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49554 | -72.52585 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49549 | -72.52583 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49547 | -72.52581 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49541 | -72.52566 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49467 | -72.52233 | 0-2       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49453 | -72.48671 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49446 | -72.48669 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49429 | -72.48659 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49424 | -72.48654 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49413 | -72.48649 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49410 | -72.48600 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49406 | -72.48602 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.49405 | -72.52150 | 0-2       | 3         | 0.4309       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49400 | -72.48606 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49384 | -72.51983 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49371 | -72.51922 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/8/2019  | 41.49358 | -72.51878 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49356 | -72.48696 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49347 | -72.52648 | 0-2       | 1         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49341 | -72.52638 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49328 | -72.48698 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.49328 | -72.52149 | 0-2       | 2         | 0.1790       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49326 | -72.48696 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49323 | -72.52585 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49317 | -72.48694 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49316 | -72.52525 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49289 | -72.52119 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49283 | -72.52449 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.49257 | -72.52092 | 0-2       | 5         | 0.0766       |
| MyrSpi              |               | Patch | 8/12/2019 | 41.49246 | -72.48645 | 0-2       | 3         | 0.6627       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49234 | -72.52067 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/9/2019  | 41.49214 | -72.52013 | 0-2       | 2         | 0.0282       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49196 | -72.52309 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49183 | -72.52291 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (27 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49178 | -72.52284 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49171 | -72.52275 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49163 | -72.52262 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49158 | -72.52256 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49150 | -72.52244 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49138 | -72.52228 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49134 | -72.51170 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49126 | -72.52207 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/8/2019  | 41.49113 | -72.52195 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/12/2019 | 41.49107 | -72.48485 | 0-1       | 2         | 0.2959       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49091 | -72.51534 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/12/2019 | 41.49087 | -72.48569 | 0-2       | 3         | 0.1646       |
| MyrSpi              | With Eelgrass | Patch | 8/9/2019  | 41.49080 | -72.51748 | 0-2       | 2         | 0.9926       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49073 | -72.51514 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49063 | -72.51504 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49036 | -72.48446 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49030 | -72.48436 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49030 | -72.51477 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49020 | -72.51477 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/8/2019  | 41.49020 | -72.52058 | 0-2       | 2         | 0.7770       |
| MyrSpi              |               | Point | 8/12/2019 | 41.49011 | -72.48411 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.49000 | -72.51462 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48992 | -72.47513 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/12/2019 | 41.48983 | -72.48012 | 0-1       | 2         | 0.2542       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48981 | -72.47536 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/12/2019 | 41.48981 | -72.48117 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/9/2019  | 41.48981 | -72.51433 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48976 | -72.48363 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48926 | -72.48038 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48924 | -72.48032 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48924 | -72.48030 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48922 | -72.48022 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48921 | -72.48015 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48920 | -72.48012 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48909 | -72.47990 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48906 | -72.47674 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48901 | -72.47979 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48896 | -72.47971 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/12/2019 | 41.48894 | -72.48003 | 0-1       | 2         | 0.6927       |
| MyrSpi              | With Eelgrass | Point | 8/12/2019 | 41.48879 | -72.47749 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/8/2019  | 41.48878 | -72.51844 | 0-2       | 2         | 0.2868       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48877 | -72.47886 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48873 | -72.47751 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48851 | -72.47848 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48848 | -72.47899 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/12/2019 | 41.48776 | -72.47620 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/15/2019 | 41.48607 | -72.51470 | 0-2       | 1         | 0.6016       |
| MyrSpi              |               | Point | 8/15/2019 | 41.48550 | -72.51360 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.48548 | -72.51353 | 0-2       | 4         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48547 | -72.47845 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48540 | -72.47859 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48536 | -72.47865 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48527 | -72.47872 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/15/2019 | 41.48519 | -72.51310 | 0-2       | 3         | 0.2387       |



Appendix Connecticut River Invasive Plant Location Data (28 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |               | Point | 8/12/2019 | 41.48509 | -72.47879 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.48437 | -72.51157 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.48373 | -72.51076 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.48373 | -72.50412 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48321 | -72.47666 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48307 | -72.47675 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48301 | -72.47683 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48285 | -72.47701 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48282 | -72.47879 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48276 | -72.47639 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48276 | -72.47656 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48270 | -72.47815 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48268 | -72.47683 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/15/2019 | 41.48267 | -72.50811 | 0-2       | 3         | 3.5751       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48260 | -72.47693 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48236 | -72.47809 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48232 | -72.47808 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.48164 | -72.50020 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48151 | -72.47924 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.48146 | -72.50624 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.48141 | -72.49979 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.48138 | -72.49968 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.48135 | -72.49959 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48128 | -72.47838 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.48125 | -72.49944 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48122 | -72.47964 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.48097 | -72.50561 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48079 | -72.47841 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48073 | -72.47960 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48062 | -72.47801 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48052 | -72.47885 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48018 | -72.47993 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.48013 | -72.47924 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47999 | -72.47896 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47974 | -72.47976 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47970 | -72.47875 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47927 | -72.47884 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47925 | -72.47947 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47924 | -72.49450 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47918 | -72.47785 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47918 | -72.49427 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47908 | -72.49387 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47893 | -72.47909 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47885 | -72.47986 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47864 | -72.47857 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47855 | -72.47801 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47845 | -72.47943 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47834 | -72.48011 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.47826 | -72.50324 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47794 | -72.49092 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47793 | -72.49107 | 0-2       | 5         | 0.0438       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47791 | -72.49087 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47784 | -72.48049 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47759 | -72.49033 | 0-2       | 3         | 0.2432       |

Appendix Connecticut River Invasive Plant Location Data (29 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |               | Patch | 8/9/2019  | 41.47693 | -72.48911 | 0-2       | 3         | 0.0428       |
| MyrSpi              |               | Point | 8/15/2019 | 41.47666 | -72.50174 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47634 | -72.47602 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47628 | -72.48858 | 0-2       | 3         | 0.5749       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47580 | -72.48702 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47576 | -72.48696 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47565 | -72.47652 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47528 | -72.48597 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47523 | -72.48587 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47516 | -72.48573 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47489 | -72.48669 | 0-2       | 5         | 1.3355       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47450 | -72.48454 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47446 | -72.48457 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47436 | -72.48434 | 0-1       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47430 | -72.48425 | 0-1       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47420 | -72.48405 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47411 | -72.48393 | 0-1       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47410 | -72.47311 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47406 | -72.47305 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47404 | -72.48377 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47402 | -72.47297 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.47398 | -72.49573 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.47398 | -72.49578 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47391 | -72.47281 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47390 | -72.47278 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47388 | -72.48389 | 0-2       | 5         | 0.1343       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47387 | -72.47269 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47380 | -72.47266 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47368 | -72.47249 | 0-1       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47365 | -72.47244 | 0-1       | 1         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47343 | -72.48280 | 0-1       | 2         | 0.0696       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47318 | -72.47196 | 0-1       | 1         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47316 | -72.48256 | 0-1       | 5         | 0.0629       |
| MyrSpi              |               | Point | 8/12/2019 | 41.47296 | -72.47156 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47289 | -72.48226 | 0-2       | 3         | 0.0227       |
| MyrSpi              |               | Patch | 8/9/2019  | 41.47240 | -72.47458 | 0-2       | 3         | 31.1109      |
| MyrSpi              |               | Patch | 8/12/2019 | 41.47196 | -72.47073 | 0-1       | 2         | 0.4529       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47177 | -72.48059 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47151 | -72.48024 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47130 | -72.48011 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47123 | -72.47981 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47111 | -72.47958 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47071 | -72.47861 | 0-1       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/9/2019  | 41.47062 | -72.47834 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46865 | -72.46910 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46603 | -72.46717 | 0-1       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46589 | -72.46703 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46575 | -72.46692 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46571 | -72.46702 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46562 | -72.46683 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46544 | -72.46648 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46535 | -72.46658 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/12/2019 | 41.46510 | -72.46611 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/15/2019 | 41.46503 | -72.47375 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (30 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/12/2019 | 41.46501 | -72.46614 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46482 | -72.46588 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46461 | -72.46560 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46446 | -72.46548 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46434 | -72.46566 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46425 | -72.46546 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.46403 | -72.47255 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46400 | -72.46521 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46364 | -72.46513 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46356 | -72.46500 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46341 | -72.46507 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.46325 | -72.47184 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.46314 | -72.46488 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.46182 | -72.47114 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.45618 | -72.46428 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.45590 | -72.46427 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.45579 | -72.46873 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/12/2019 | 41.45570 | -72.46430 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.45553 | -72.46864 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.45543 | -72.46864 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/15/2019 | 41.45309 | -72.46699 | 0-2       | 3         | 4.8707       |
| MyrSpi              |       | Point | 8/15/2019 | 41.45079 | -72.46523 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.44455 | -72.46349 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.44177 | -72.45417 | 0-2       | 2         | 0.9035       |
| MyrSpi              |       | Point | 8/16/2019 | 41.44099 | -72.45263 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.44053 | -72.45494 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.44033 | -72.45178 | 0-2       | 2         | 0.5415       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43933 | -72.45078 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43927 | -72.45072 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43912 | -72.45056 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43911 | -72.45154 | 0-2       | 3         | 1.5837       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43891 | -72.45041 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43887 | -72.45038 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43884 | -72.45037 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43873 | -72.45025 | 0-2       | 2         | 0.0363       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43853 | -72.45361 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43830 | -72.45289 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43813 | -72.45296 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43807 | -72.44981 | 0-2       | 2         | 0.2094       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43790 | -72.45316 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43770 | -72.45292 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43761 | -72.45266 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43749 | -72.45198 | 2-3       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43746 | -72.45181 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43741 | -72.45089 | 0-2       | 3         | 0.4255       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43740 | -72.45189 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43730 | -72.45171 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43726 | -72.45172 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43725 | -72.45244 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43725 | -72.45189 | 2-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43723 | -72.45154 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43700 | -72.45142 | 0-2       | 3         | 0.0117       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43693 | -72.45112 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43686 | -72.45204 | 1-3       | 3         | 0.2364       |

Appendix Connecticut River Invasive Plant Location Data (31 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/16/2019 | 41.43647 | -72.45043 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43642 | -72.45036 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43624 | -72.45149 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43615 | -72.45012 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43604 | -72.44999 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43586 | -72.45108 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43549 | -72.44784 | 0-2       | 2         | 0.5902       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43526 | -72.44931 | 0-2       | 3         | 0.3978       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43447 | -72.44661 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43430 | -72.44911 | 0-2       | 3         | 0.0285       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43405 | -72.44866 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.43270 | -72.45242 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.43262 | -72.45224 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.43256 | -72.45219 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.43249 | -72.45201 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/15/2019 | 41.43248 | -72.45197 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43169 | -72.45082 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.43166 | -72.45113 | 0-2       | 3         | 0.0676       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43109 | -72.44884 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43103 | -72.44868 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43101 | -72.44862 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43099 | -72.44857 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43094 | -72.44847 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43090 | -72.44884 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43090 | -72.44838 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43089 | -72.44828 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43087 | -72.44829 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43085 | -72.44840 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43083 | -72.44808 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.43014 | -72.43850 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42994 | -72.44530 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42936 | -72.44308 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42814 | -72.43507 | 1-3       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42677 | -72.43860 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42665 | -72.43845 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42655 | -72.43835 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42591 | -72.43775 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42568 | -72.43757 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42530 | -72.43724 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42527 | -72.43721 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42518 | -72.43710 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42468 | -72.43684 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.42465 | -72.43756 | 0-2       | 4         | 0.0758       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.42460 | -72.43742 | 0-2       | 4         | 0.1452       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.42450 | -72.43868 | 0-2       | 2         | 1.2895       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42441 | -72.43655 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42424 | -72.43637 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42416 | -72.43627 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.42411 | -72.43859 | 0-2       | 2         | 0.4750       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.42366 | -72.44015 | 0-2       | 3         | 0.5419       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42297 | -72.43514 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42228 | -72.43527 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42136 | -72.43435 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.42096 | -72.43404 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (32 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 9/27/2019 | 41.41895 | -72.41768 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41352 | -72.42431 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41306 | -72.42407 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41299 | -72.42402 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41236 | -72.42366 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41212 | -72.41621 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41209 | -72.41697 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41198 | -72.41514 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41198 | -72.41660 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41197 | -72.41549 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41193 | -72.43811 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41193 | -72.41612 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41190 | -72.41467 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41187 | -72.41581 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41182 | -72.41519 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41178 | -72.41739 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41176 | -72.43911 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41175 | -72.41563 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41169 | -72.41638 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41168 | -72.41608 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41165 | -72.41789 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41160 | -72.41468 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41155 | -72.41696 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41155 | -72.41430 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41151 | -72.41569 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41146 | -72.41501 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41142 | -72.41815 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41136 | -72.41303 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41135 | -72.41590 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41133 | -72.41348 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41129 | -72.43925 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41129 | -72.41291 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41127 | -72.41420 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41126 | -72.41785 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41121 | -72.41653 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41118 | -72.41389 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41117 | -72.41719 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41114 | -72.41352 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41114 | -72.41307 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41113 | -72.41844 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41111 | -72.44031 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41105 | -72.41412 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41105 | -72.41374 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41093 | -72.44005 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41093 | -72.41353 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41092 | -72.41396 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41091 | -72.41793 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.41078 | -72.41848 | 1-3       | 3         | 0.2319       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41078 | -72.41747 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41073 | -72.41391 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41062 | -72.44023 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41061 | -72.41801 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41055 | -72.44108 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.41039 | -72.44060 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (33 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Patch | 8/19/2019 | 41.41033 | -72.41426 | 0-2       | 2         | 1.1126       |
| MyrSpi              |       | Point | 8/16/2019 | 41.40948 | -72.42812 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.40840 | -72.43133 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/16/2019 | 41.40839 | -72.43165 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.40808 | -72.43258 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Patch | 8/16/2019 | 41.40706 | -72.42951 | 0-2       | 2         | 0.3030       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.40617 | -72.43056 | 0-2       | 2         | 1.1876       |
| MyrSpi              |       | Point | 8/19/2019 | 41.40582 | -72.42956 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.40581 | -72.42931 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.40558 | -72.43058 | 0-2       | 2         | 1.1992       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.40471 | -72.41080 | 0-2       | 2         | 0.7039       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39952 | -72.42461 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39904 | -72.42449 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39889 | -72.42433 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39873 | -72.42411 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39861 | -72.42410 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39854 | -72.42400 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39853 | -72.42396 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39848 | -72.42383 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/20/2019 | 41.39846 | -72.42540 | 0-2       | 2         | 22.9057      |
| MyrSpi              |       | Point | 8/19/2019 | 41.39724 | -72.42827 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39722 | -72.42244 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39704 | -72.40021 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39690 | -72.42755 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39674 | -72.42744 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39665 | -72.42734 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39655 | -72.42727 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39647 | -72.42098 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39645 | -72.42714 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39633 | -72.42706 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39618 | -72.42696 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39603 | -72.41722 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39577 | -72.39846 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39482 | -72.42184 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.39263 | -72.39681 | 0-2       | 3         | 0.0472       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.39214 | -72.39617 | 0-2       | 3         | 0.0081       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39175 | -72.40148 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.39169 | -72.40089 | 0-2       | 2         | 0.0616       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39167 | -72.40153 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39160 | -72.40364 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.39155 | -72.41686 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.39152 | -72.39865 | 0-2       | 2         | 0.1737       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.39150 | -72.39625 | 0-2       | 2         | 0.0118       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39146 | -72.40345 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39142 | -72.40313 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39141 | -72.40319 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/19/2019 | 41.39138 | -72.40215 | 0-2       | 2         | 0.0215       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39137 | -72.40261 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/19/2019 | 41.39137 | -72.40285 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.39135 | -72.35363 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.39010 | -72.35259 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.39003 | -72.35259 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.38969 | -72.41623 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/20/2019 | 41.38968 | -72.41557 | 0-2       | 1         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (34 of 47)

| Invasive Plant Name | Notes         | Type  | Date       | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|------------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |               | Patch | 8/20/2019  | 41.38878 | -72.41758 | 0-2       | 2         | 0.1270       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38875 | -72.39068 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38874 | -72.39058 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/20/2019  | 41.38869 | -72.41981 | 0-2       | 2         | 4.0178       |
| MyrSpi              | With Eelgrass | Patch | 10/20/2019 | 41.38865 | -72.42245 | 0-2       | 2         | 0.1291       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38862 | -72.41541 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38843 | -72.38884 | 0-2       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38842 | -72.38888 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38837 | -72.41432 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38837 | -72.41398 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38835 | -72.41410 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38834 | -72.41424 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38825 | -72.38619 | 0-2       | 3         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38825 | -72.38630 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38821 | -72.41345 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38819 | -72.41310 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38818 | -72.41339 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/20/2019  | 41.38808 | -72.42382 | 0-2       | 2         | 1.7845       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38805 | -72.41179 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38798 | -72.38171 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/22/2019  | 41.38792 | -72.35218 | 0-2       | 2         | 0.0558       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38789 | -72.38441 | 1-3       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/20/2019  | 41.38770 | -72.42374 | 0-2       | 2         | 0.1274       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38755 | -72.41002 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/20/2019  | 41.38743 | -72.42542 | 0-2       | 2         | 0.2199       |
| MyrSpi              |               | Patch | 8/22/2019  | 41.38741 | -72.35315 | 0-2       | 2         | 2.2854       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38725 | -72.35340 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38704 | -72.42573 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38698 | -72.35239 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38696 | -72.42576 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38695 | -72.35245 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38694 | -72.40396 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38686 | -72.42575 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38672 | -72.35229 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38669 | -72.35227 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38667 | -72.35230 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38656 | -72.39768 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38640 | -72.35248 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38631 | -72.42553 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38630 | -72.35329 | 1-3       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38621 | -72.42553 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38621 | -72.35271 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38619 | -72.39600 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38617 | -72.35267 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019  | 41.38616 | -72.35264 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/22/2019  | 41.38594 | -72.35205 | 0-2       | 2         | 1.0797       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38578 | -72.39381 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019  | 41.38576 | -72.39370 | 0-2       | 3         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/20/2019  | 41.38562 | -72.42593 | 0-2       | 3         | 0.8312       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38504 | -72.35312 | 1-3       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38493 | -72.35316 | 1-3       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Patch | 8/20/2019  | 41.38487 | -72.42609 | 0-2       | 2         | 0.2402       |
| MyrSpi              |               | Point | 8/20/2019  | 41.38482 | -72.35324 | 1-3       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/22/2019  | 41.38462 | -72.35238 | 0-2       | 2         | 1.9172       |

Appendix Connecticut River Invasive Plant Location Data (35 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |               | Point | 8/20/2019 | 41.38461 | -72.35346 | 1-3       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019 | 41.38454 | -72.35352 | 1-3       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38434 | -72.39114 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38425 | -72.39139 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38407 | -72.39149 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/22/2019 | 41.38400 | -72.35155 | 0-2       | 2         | 1.9047       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38397 | -72.39162 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38390 | -72.39169 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/20/2019 | 41.38387 | -72.39220 | 0-2       | 2         | 0.3854       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38386 | -72.39174 | 0-2       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38378 | -72.39190 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019 | 41.38346 | -72.37796 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38332 | -72.35241 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38320 | -72.35529 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38320 | -72.35540 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38319 | -72.35526 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38315 | -72.35196 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38315 | -72.35196 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38311 | -72.35545 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38296 | -72.35567 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38293 | -72.35569 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38287 | -72.35574 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38275 | -72.35588 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38274 | -72.35593 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38263 | -72.35608 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019 | 41.38215 | -72.35710 | 1-3       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38201 | -72.35604 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38192 | -72.35600 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38187 | -72.35596 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38184 | -72.35591 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38168 | -72.35573 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38164 | -72.35567 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38160 | -72.35566 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38152 | -72.35568 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38149 | -72.35569 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.38139 | -72.35572 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/22/2019 | 41.38113 | -72.35616 | 0-2       | 3         | 1.4020       |
| MyrSpi              |               | Point | 8/20/2019 | 41.38066 | -72.35772 | 1-3       | 2         | 0.0002       |
| MyrSpi              | With Eelgrass | Point | 8/20/2019 | 41.38046 | -72.38692 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/20/2019 | 41.38045 | -72.35798 | 1-3       | 2         | 0.0002       |
| MyrSpi              | Pithophora    | Patch | 8/20/2019 | 41.38015 | -72.35848 | 1-3       | 2         | 0.0330       |
| MyrSpi              |               | Patch | 8/22/2019 | 41.37981 | -72.35644 | 0-2       | 2         | 0.0716       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37975 | -72.35672 | 0-2       | 2         | 0.0002       |
| MyrSpi              | Pithophora    | Patch | 8/20/2019 | 41.37963 | -72.35925 | 1-3       | 2         | 0.2511       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37913 | -72.35710 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37908 | -72.35718 | 0-2       | 2         | 0.0002       |
| MyrSpi              | Pithophora    | Patch | 8/20/2019 | 41.37873 | -72.36089 | 1-3       | 2         | 0.3459       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37870 | -72.35759 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37865 | -72.35765 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37856 | -72.35765 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Patch | 8/22/2019 | 41.37848 | -72.35914 | 0-2       | 3         | 11.4909      |
| MyrSpi              |               | Point | 8/22/2019 | 41.37836 | -72.35789 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.37822 | -72.35811 | 0-2       | 2         | 0.0002       |
| MyrSpi              | Pithophora    | Patch | 8/20/2019 | 41.37755 | -72.36216 | 1-3       | 2         | 0.3333       |



Appendix Connecticut River Invasive Plant Location Data (36 of 47)

| Invasive Plant Name | Notes      | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |            | Point | 8/22/2019 | 41.37748 | -72.35851 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37746 | -72.35852 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37739 | -72.35856 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37688 | -72.35887 | 0-2       | 3         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37686 | -72.35876 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37686 | -72.35892 | 0-2       | 3         | 0.0002       |
| MyrSpi              | Pithophora | Patch | 8/20/2019 | 41.37672 | -72.36302 | 1-3       | 2         | 0.1125       |
| MyrSpi              |            | Patch | 8/22/2019 | 41.37662 | -72.35940 | 0-2       | 3         | 0.3911       |
| MyrSpi              |            | Patch | 8/20/2019 | 41.37642 | -72.36778 | 1-3       | 3         | 6.1702       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37633 | -72.37918 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37577 | -72.36036 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37565 | -72.36021 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37560 | -72.36026 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37555 | -72.36016 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37551 | -72.36013 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37546 | -72.36012 | 0-2       | 2         | 0.0002       |
| MyrSpi              | Pithophora | Point | 8/22/2019 | 41.37542 | -72.36012 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Patch | 8/20/2019 | 41.37542 | -72.36682 | 1-3       | 1         | 0.2289       |
| MyrSpi              |            | Patch | 8/20/2019 | 41.37540 | -72.36420 | 1-3       | 2         | 0.4324       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37539 | -72.36005 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Patch | 8/20/2019 | 41.37508 | -72.36553 | 1-3       | 2         | 0.0306       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37387 | -72.36673 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37383 | -72.36710 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37377 | -72.36710 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37359 | -72.36727 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Patch | 8/22/2019 | 41.37341 | -72.36931 | 0-2       | 1         | 0.8552       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37339 | -72.36756 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Patch | 8/22/2019 | 41.37315 | -72.36256 | 0-2       | 2         | 3.3737       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37314 | -72.36797 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.37309 | -72.36806 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36839 | -72.38727 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36838 | -72.38472 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36792 | -72.38322 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36778 | -72.38451 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36777 | -72.38577 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36744 | -72.38455 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36741 | -72.38402 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36686 | -72.38418 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36647 | -72.38361 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36636 | -72.38423 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36635 | -72.38653 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36517 | -72.38685 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36489 | -72.38770 | 0-1       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36473 | -72.38767 | 0-1       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36458 | -72.38765 | 0-1       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/23/2019 | 41.36422 | -72.36570 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36421 | -72.38499 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/23/2019 | 41.36413 | -72.36571 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/23/2019 | 41.36410 | -72.36601 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/23/2019 | 41.36410 | -72.36588 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36409 | -72.38360 | 0-2       | 1         | 0.0002       |
| MyrSpi              |            | Point | 8/23/2019 | 41.36408 | -72.36689 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/23/2019 | 41.36402 | -72.36615 | 0-2       | 2         | 0.0002       |
| MyrSpi              |            | Point | 8/22/2019 | 41.36391 | -72.38601 | 0-2       | 1         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (37 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.36374 | -72.36673 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36363 | -72.36734 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36361 | -72.38686 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36357 | -72.36737 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 9/23/2019 | 41.36353 | -72.35944 | 0-2       | 2         | 2.3546       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36349 | -72.38473 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36347 | -72.38331 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36346 | -72.36741 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36341 | -72.36744 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36339 | -72.38557 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36339 | -72.36747 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36335 | -72.36751 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36322 | -72.38764 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36316 | -72.36770 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36314 | -72.36773 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36308 | -72.36778 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36308 | -72.38690 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36303 | -72.38303 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36293 | -72.38183 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36285 | -72.38402 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36284 | -72.38511 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36281 | -72.36751 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36279 | -72.38600 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36266 | -72.36776 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36249 | -72.35969 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36239 | -72.36789 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36238 | -72.36795 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36234 | -72.38467 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36228 | -72.38629 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36228 | -72.38564 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36226 | -72.38704 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36226 | -72.38898 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36223 | -72.36815 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36221 | -72.36823 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36218 | -72.38795 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Patch | 9/23/2019 | 41.36211 | -72.36026 | 0-2       | 2         | 0.8121       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36208 | -72.36829 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36203 | -72.36829 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36188 | -72.38936 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36187 | -72.38830 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36181 | -72.38722 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36177 | -72.36851 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36174 | -72.36865 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36174 | -72.38560 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36173 | -72.36851 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36168 | -72.38642 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36165 | -72.36863 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36164 | -72.38467 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36162 | -72.36074 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36160 | -72.36861 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36156 | -72.38784 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36154 | -72.36862 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36152 | -72.38879 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36151 | -72.36087 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (38 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.36140 | -72.36942 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36138 | -72.36866 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36137 | -72.36975 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36137 | -72.37091 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36137 | -72.37017 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36135 | -72.36985 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36134 | -72.36999 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36134 | -72.36995 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36133 | -72.36870 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36132 | -72.36949 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36132 | -72.36959 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36132 | -72.36968 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36130 | -72.37003 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36130 | -72.37037 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36129 | -72.36874 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36128 | -72.37044 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36128 | -72.37092 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36126 | -72.36877 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36125 | -72.37092 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36125 | -72.37048 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36123 | -72.37092 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36122 | -72.38441 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36118 | -72.37088 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36117 | -72.36880 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36115 | -72.38776 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36115 | -72.36926 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36113 | -72.36111 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36112 | -72.36879 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36111 | -72.38705 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36108 | -72.36878 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36104 | -72.36925 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36102 | -72.36110 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36099 | -72.36878 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36097 | -72.38880 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36086 | -72.38820 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36084 | -72.36134 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36084 | -72.36144 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36081 | -72.36124 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36072 | -72.36104 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36071 | -72.38776 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36071 | -72.36117 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36066 | -72.36879 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36058 | -72.38701 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36049 | -72.36863 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36039 | -72.38959 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36039 | -72.36858 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36038 | -72.38963 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36036 | -72.36963 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36035 | -72.38970 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36033 | -72.36932 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36033 | -72.36957 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36029 | -72.36863 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36028 | -72.38825 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36026 | -72.36933 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (39 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.36022 | -72.36934 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36020 | -72.36954 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36018 | -72.36935 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36016 | -72.36226 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36016 | -72.38949 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36013 | -72.36214 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36010 | -72.36247 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36007 | -72.36205 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36007 | -72.36258 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36004 | -72.36961 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36004 | -72.36202 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36003 | -72.36937 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.36002 | -72.36258 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.36000 | -72.38947 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35999 | -72.36279 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35998 | -72.36868 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35998 | -72.36938 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35996 | -72.38940 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35994 | -72.38932 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35992 | -72.36100 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35988 | -72.36301 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35981 | -72.36416 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35979 | -72.38922 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35978 | -72.36875 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35977 | -72.36318 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35973 | -72.36318 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35973 | -72.36320 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35972 | -72.38914 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35971 | -72.38604 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35969 | -72.36321 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35965 | -72.36036 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35964 | -72.36040 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35964 | -72.36042 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35963 | -72.38903 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35961 | -72.36022 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35960 | -72.36873 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35960 | -72.38898 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35956 | -72.36411 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35955 | -72.36328 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35954 | -72.36868 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35953 | -72.36945 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35953 | -72.36412 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35950 | -72.36423 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35949 | -72.38886 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35949 | -72.36414 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/23/2019 | 41.35947 | -72.35814 | 0-2       | 2         | 0.6487       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35945 | -72.36417 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35944 | -72.36052 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35943 | -72.35998 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35942 | -72.35986 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35941 | -72.36353 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35941 | -72.36425 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35939 | -72.36206 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35939 | -72.36385 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (40 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.35939 | -72.35958 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35938 | -72.36356 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35937 | -72.36058 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35936 | -72.35942 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35936 | -72.35936 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35935 | -72.36856 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35934 | -72.38875 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35933 | -72.35923 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35933 | -72.36356 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35933 | -72.36195 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35933 | -72.36389 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35932 | -72.38873 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35928 | -72.35920 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35928 | -72.36134 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35927 | -72.36354 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35926 | -72.36851 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35921 | -72.38862 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35920 | -72.36350 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35920 | -72.36073 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35918 | -72.35873 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35916 | -72.36345 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35915 | -72.36843 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35912 | -72.38854 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35912 | -72.36339 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35910 | -72.35881 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35909 | -72.36334 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35907 | -72.36427 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35906 | -72.35888 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35905 | -72.38440 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35905 | -72.36327 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35903 | -72.35913 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35902 | -72.36323 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35901 | -72.36836 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35899 | -72.36321 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35897 | -72.36834 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35894 | -72.36321 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35890 | -72.36130 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35887 | -72.36321 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35886 | -72.36828 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35881 | -72.36318 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35880 | -72.36821 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35879 | -72.36133 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35877 | -72.36317 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35875 | -72.36230 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35874 | -72.36189 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35874 | -72.36205 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35874 | -72.36315 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35869 | -72.35904 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35869 | -72.36314 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35866 | -72.36806 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35856 | -72.36853 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35853 | -72.36794 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35851 | -72.35920 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35848 | -72.35924 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (41 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.35848 | -72.36787 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35842 | -72.36635 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35841 | -72.35932 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35841 | -72.36643 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35841 | -72.36625 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35840 | -72.36619 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35839 | -72.36609 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35839 | -72.36653 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35836 | -72.35937 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35836 | -72.36696 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35834 | -72.36597 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35830 | -72.35943 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35829 | -72.36819 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35821 | -72.35949 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35819 | -72.36802 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35814 | -72.35954 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35813 | -72.36788 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35813 | -72.38299 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35812 | -72.36634 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35812 | -72.36628 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35812 | -72.36652 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35811 | -72.36658 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35811 | -72.36619 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35811 | -72.36666 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35810 | -72.35957 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35810 | -72.36611 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35810 | -72.36675 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35806 | -72.36695 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35805 | -72.36700 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35804 | -72.36704 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35804 | -72.36733 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35803 | -72.36708 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35803 | -72.36719 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35803 | -72.36725 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35802 | -72.36257 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35798 | -72.36282 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35797 | -72.35962 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35795 | -72.36334 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35794 | -72.36771 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35791 | -72.36578 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35790 | -72.36336 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35789 | -72.36448 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35786 | -72.36572 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35783 | -72.36443 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35783 | -72.36343 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35782 | -72.38556 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35778 | -72.36350 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35771 | -72.36358 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35768 | -72.35963 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35767 | -72.36364 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35760 | -72.35963 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35749 | -72.36400 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35745 | -72.36454 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35744 | -72.36463 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (42 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.35744 | -72.36468 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35742 | -72.36483 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35742 | -72.36419 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35740 | -72.36552 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35734 | -72.36217 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35733 | -72.36564 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35733 | -72.35960 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35731 | -72.36569 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35730 | -72.36448 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35727 | -72.36574 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35727 | -72.35958 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35724 | -72.35958 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35723 | -72.36512 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35722 | -72.35957 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35721 | -72.36505 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35721 | -72.36499 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35719 | -72.36589 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35719 | -72.35956 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35716 | -72.35955 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35716 | -72.36600 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35714 | -72.36618 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35711 | -72.36205 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35710 | -72.35953 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35710 | -72.36632 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35709 | -72.36636 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35706 | -72.36642 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35706 | -72.35951 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35704 | -72.36203 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35700 | -72.36202 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35694 | -72.36199 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35691 | -72.36198 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35689 | -72.36556 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35687 | -72.36560 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35685 | -72.35937 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35684 | -72.36565 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35680 | -72.36585 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35676 | -72.36195 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35665 | -72.36652 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35664 | -72.36877 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35661 | -72.35931 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35655 | -72.36870 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35650 | -72.36678 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35643 | -72.38499 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35640 | -72.36188 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35635 | -72.36691 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35629 | -72.36697 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35625 | -72.36702 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35622 | -72.36858 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35618 | -72.36707 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35617 | -72.36798 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35615 | -72.36778 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35614 | -72.36189 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35606 | -72.36194 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35605 | -72.36713 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (43 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/23/2019 | 41.35600 | -72.36714 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35597 | -72.36199 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35593 | -72.36201 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35593 | -72.36716 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35587 | -72.36716 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35586 | -72.36173 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35580 | -72.36716 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35565 | -72.38535 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35557 | -72.36186 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35551 | -72.36499 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35546 | -72.36187 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35541 | -72.36704 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35536 | -72.36566 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35534 | -72.36592 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35528 | -72.36590 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35526 | -72.38473 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35526 | -72.36615 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35524 | -72.36598 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35520 | -72.36604 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35514 | -72.36623 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35511 | -72.36613 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35497 | -72.36680 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35488 | -72.36643 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35483 | -72.38484 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35447 | -72.36642 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35443 | -72.36638 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35413 | -72.36302 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35396 | -72.36592 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35382 | -72.36566 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35380 | -72.36561 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35379 | -72.36555 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35374 | -72.36544 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35370 | -72.36531 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35369 | -72.36376 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35366 | -72.36489 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35366 | -72.36456 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35366 | -72.36446 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35214 | -72.36029 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35183 | -72.36111 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35182 | -72.36120 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35178 | -72.36128 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35174 | -72.36133 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35171 | -72.36133 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35167 | -72.36137 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35165 | -72.36142 | 0-2       | 4         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35162 | -72.36153 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35160 | -72.36156 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35110 | -72.38958 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35108 | -72.39091 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35108 | -72.38941 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35107 | -72.39097 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35106 | -72.39085 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35106 | -72.38925 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35104 | -72.38914 | 0-1       | 3         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (44 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/22/2019 | 41.35102 | -72.39101 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35100 | -72.38893 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35098 | -72.38884 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35097 | -72.39104 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35093 | -72.38867 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35091 | -72.39106 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35089 | -72.38856 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35087 | -72.39107 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35084 | -72.38845 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35078 | -72.39109 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35078 | -72.38830 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35075 | -72.38821 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35072 | -72.39110 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35070 | -72.38810 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35065 | -72.38797 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35064 | -72.39111 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35060 | -72.38789 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35056 | -72.39112 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35052 | -72.38781 | 0-1       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35048 | -72.39112 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35041 | -72.38771 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35036 | -72.39112 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35032 | -72.38762 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35032 | -72.39113 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35031 | -72.36108 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35029 | -72.39112 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.35028 | -72.36145 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35025 | -72.38757 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35023 | -72.39111 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35016 | -72.38751 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35015 | -72.39112 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35007 | -72.39113 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35004 | -72.38743 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.35001 | -72.38737 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34999 | -72.39113 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34992 | -72.38731 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34988 | -72.39106 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34986 | -72.38727 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.34985 | -72.36237 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34985 | -72.39098 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34985 | -72.39094 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34984 | -72.39077 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34983 | -72.39070 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34982 | -72.39062 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34981 | -72.39055 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34980 | -72.39046 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/23/2019 | 41.34979 | -72.36255 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34978 | -72.38716 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34973 | -72.38707 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34966 | -72.38687 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34935 | -72.39041 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Patch | 8/22/2019 | 41.34744 | -72.39008 | 0-2       | 2         | 1.0788       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34722 | -72.38717 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34721 | -72.38751 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (45 of 47)

| Invasive Plant Name | Notes | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |       | Point | 8/22/2019 | 41.34719 | -72.38741 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34685 | -72.38524 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34674 | -72.38507 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34664 | -72.38490 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34662 | -72.38480 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34659 | -72.38476 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34646 | -72.38938 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34621 | -72.36915 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34617 | -72.36908 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34605 | -72.38913 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34594 | -72.36905 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34581 | -72.36905 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34575 | -72.38890 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34557 | -72.38869 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34553 | -72.38863 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34547 | -72.38853 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34530 | -72.36841 | 0-2       | 1         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34522 | -72.38815 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34519 | -72.38809 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34514 | -72.38800 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34507 | -72.38785 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34474 | -72.38729 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34466 | -72.38721 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34451 | -72.38708 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34439 | -72.38698 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34435 | -72.38694 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34430 | -72.38690 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34417 | -72.38675 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34401 | -72.38662 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34400 | -72.38665 | 0-1       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34394 | -72.38631 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34366 | -72.38614 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34354 | -72.38606 | 0-2       | 3         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34349 | -72.38601 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34336 | -72.38589 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34327 | -72.38583 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34292 | -72.38565 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34122 | -72.38395 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34111 | -72.38412 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34099 | -72.38421 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34080 | -72.38454 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34074 | -72.38463 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34070 | -72.38472 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34059 | -72.38490 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34037 | -72.38510 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.34013 | -72.38341 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33999 | -72.38353 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33990 | -72.38362 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33980 | -72.38558 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33965 | -72.38389 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33956 | -72.38545 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33943 | -72.38429 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33943 | -72.37866 | 0-2       | 2         | 0.0002       |
| MyrSpi              |       | Point | 8/22/2019 | 41.33931 | -72.37875 | 0-2       | 2         | 0.0002       |



Appendix Connecticut River Invasive Plant Location Data (46 of 47)

| Invasive Plant Name | Notes         | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|---------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| MyrSpi              |               | Point | 8/22/2019 | 41.33879 | -72.38396 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33808 | -72.38333 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33777 | -72.38202 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33739 | -72.38228 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33737 | -72.38256 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33732 | -72.38233 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33724 | -72.38256 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33722 | -72.38239 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33721 | -72.38258 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/22/2019 | 41.33712 | -72.38244 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33648 | -72.32646 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33642 | -72.32641 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33628 | -72.32633 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33620 | -72.32628 | 0-2       | 1         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33618 | -72.32627 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33612 | -72.32621 | 0-2       | 2         | 0.0002       |
| MyrSpi              |               | Point | 8/31/2019 | 41.33609 | -72.32620 | 0-2       | 2         | 0.0002       |
| PotCri              | With Eelgrass | Point | 8/9/2019  | 41.49428 | -72.51425 | 0-1       | 2         | 0.0002       |
| PotCri              | With Eelgrass | Point | 8/8/2019  | 41.49185 | -72.52297 | 0-2       | 2         | 0.0002       |
| PotCri              | With Eelgrass | Point | 8/9/2019  | 41.47989 | -72.49673 | 0-2       | 2         | 0.0002       |
| PotCri              | With Eelgrass | Point | 8/9/2019  | 41.47924 | -72.49442 | 0-2       | 2         | 0.0002       |
| PotCri              | With Eelgrass | Point | 8/9/2019  | 41.47906 | -72.49379 | 0-1       | 2         | 0.0002       |
| PotCri              | With Eelgrass | Point | 8/9/2019  | 41.47826 | -72.49150 | 0-1       | 2         | 0.0002       |
| PotCri              |               | Point | 8/16/2019 | 41.43076 | -72.44802 | 0-2       | 3         | 0.0002       |
| PotCri              |               | Point | 8/16/2019 | 41.43067 | -72.44781 | 0-2       | 3         | 0.0002       |
| PotCri              |               | Point | 8/22/2019 | 41.36821 | -72.38784 | 0-1       | 3         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36471 | -72.36715 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36466 | -72.36710 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36444 | -72.36710 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36409 | -72.36580 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36393 | -72.36622 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36251 | -72.36766 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.36244 | -72.36765 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/22/2019 | 41.36047 | -72.38909 | 0-1       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.35961 | -72.36210 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/23/2019 | 41.35944 | -72.36202 | 0-2       | 2         | 0.0002       |
| PotCri              |               | Point | 8/22/2019 | 41.35887 | -72.38827 | 0-1       | 2         | 0.0002       |
| TraNat              | With Eelgrass | Point | 8/8/2019  | 41.48961 | -72.51956 | 0-2       | 3         | 0.0002       |
| TraNat              |               | Point | 8/9/2019  | 41.46783 | -72.47005 | 0-1       | 2         | 0.0002       |
| TraNat              |               | Point | 8/9/2019  | 41.46781 | -72.47006 | 0-1       | 2         | 0.0002       |
| TraNat              |               | Point | 8/9/2019  | 41.46780 | -72.47016 | 0-1       | 3         | 0.0002       |
| TraNat              |               | Point | 8/9/2019  | 41.46780 | -72.47008 | 0-1       | 2         | 0.0002       |
| TraNat              |               | Point | 8/9/2019  | 41.46778 | -72.47017 | 0-1       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45304 | -72.46765 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45302 | -72.46751 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45294 | -72.46760 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45287 | -72.46731 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45280 | -72.46747 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45273 | -72.46747 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45265 | -72.46742 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45258 | -72.46726 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45228 | -72.46667 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45223 | -72.46660 | 0-2       | 2         | 0.0002       |
| TraNat              |               | Point | 8/15/2019 | 41.45222 | -72.46654 | 0-2       | 2         | 0.0002       |

Appendix Connecticut River Invasive Plant Location Data (47 of 47)

| Invasive Plant Name | Notes       | Type  | Date      | Latitude | Longitude | Depth (m) | Abundance | Area (acres) |
|---------------------|-------------|-------|-----------|----------|-----------|-----------|-----------|--------------|
| TraNat              | Harvested   | Point | 8/15/2019 | 41.45219 | -72.46648 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 9/27/2019 | 41.41940 | -72.41697 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41240 | -72.41631 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41236 | -72.41664 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41235 | -72.41652 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41232 | -72.41738 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41230 | -72.41716 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41230 | -72.41587 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41227 | -72.41662 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41227 | -72.41587 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41223 | -72.41710 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41223 | -72.41586 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41218 | -72.41665 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41217 | -72.41559 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Patch | 8/19/2019 | 41.41213 | -72.41735 | 0-2       | 5         | 0.2298       |
| TraNat              |             | Point | 8/19/2019 | 41.41213 | -72.41571 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Patch | 8/19/2019 | 41.41206 | -72.41697 | 0-2       | 4         | 0.0284       |
| TraNat              |             | Point | 8/19/2019 | 41.41203 | -72.41765 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41201 | -72.41762 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41200 | -72.41788 | 0-2       | 3         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41199 | -72.41770 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41194 | -72.41786 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Patch | 8/19/2019 | 41.41192 | -72.41802 | 0-2       | 3         | 0.0229       |
| TraNat              |             | Patch | 8/19/2019 | 41.41191 | -72.41723 | 0-2       | 4         | 0.0906       |
| TraNat              |             | Point | 8/19/2019 | 41.41191 | -72.41771 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41186 | -72.41810 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41183 | -72.41813 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41180 | -72.41816 | 0-2       | 3         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41175 | -72.41822 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41168 | -72.41834 | 0-2       | 1         | 0.0002       |
| TraNat              | Harvested   | Point | 8/19/2019 | 41.41165 | -72.41838 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41161 | -72.41844 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41160 | -72.41845 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Patch | 8/19/2019 | 41.41159 | -72.41882 | 0-2       | 4         | 0.0217       |
| TraNat              |             | Point | 8/19/2019 | 41.41157 | -72.41866 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/16/2019 | 41.41125 | -72.43539 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.41117 | -72.41880 | 0-2       | 1         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.40794 | -72.41393 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.40450 | -72.41165 | 0-2       | 2         | 0.0002       |
| TraNat              |             | Point | 8/19/2019 | 41.40243 | -72.40835 | 0-2       | 2         | 0.0002       |
| TraNat              | Harvested 1 | Point | 8/19/2019 | 41.40205 | -72.43135 | 0-2       | 1         | 0.0002       |
| TraNat              | Harvested 1 | Point | 8/20/2019 | 41.39567 | -72.42652 | 0-2       | 1         | 0.0002       |
| TraNat              | Harvested 2 | Point | 8/22/2019 | 41.34399 | -72.38665 | 0-1       | 1         | 0.0002       |



