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Extraction Report

Location: Country Pond, Newton/Kingston, NH

Date(s): August 1, 2023, August 2, 2023

Exotic/Invasive Plant(s): Brittle naiad

Diver(s): Sarah MacNeilage Patey, Jamie Burleigh

Support Crew: None

Total amount extracted (in gallons): 24.0

Total time worked (in hours): 14.0

Detailed report includes Extraction Narrative, Extraction Log, Map, Photos

Narrative:

Over two days, divers were able to extract all the brittle naiad they found from the private boat launch off Sunshine Drive to the first cove and most of what they found on the island (areas shown on snippet of map). Divers found many variations of the plant, from very small, young, single strands to large, well-established clusters. Plants were found along the shoreline and occasionally in the reeds and lily pads. As expected, plants of all sizes fragmented readily. Plants were occasionally found in areas with a heavy concentration of native, smooth-leaved naiads. On the island, there is one patch where the brittle naiad and the native plants are intertwined beyond effective extraction, and in order to extract the brittle naiad, the other plants need to be removed as well.

Log:

Diver	Date	Water Body	Vessel Used	Extraction Location	Number of Bags	Yield (Gallons)	Bottom Type
Jamie Burleigh	8/1/2023	Country Pond	16' Starcraft	Boat launch shoreline	4	6.50	Silt, sand, leaves & debris
Sarah MacNeilage Patey	8/1/2023	Country Pond	16' Starcraft	Boat launch shoreline	4	6.50	Silt, sand, leaves & debris
Jamie Burleigh	8/2/2023	Country Pond	16' Starcraft	Boat launch shoreline, island	3	5.50	Silt, sand, leaves & debris
Sarah MacNeilage Patey	8/2/2023	Country Pond	16' Starcraft	Boat launch shoreline, island	3	5.50	Silt, sand, leaves & debris
				Total gallons extracted		24.00	

Map:



Photos:



A cluster of brittle naiad from the surface found between the reeds and the shoreline.

A sprig of brittle
naiad underwater

