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**August 26, 2023**  
**Extraction Report**

Location: Country Pond, Newton/Kingston, NH  
Date(s): August 17, 2023, August 21, 2023, August 22, 2023  
Exotic/Invasive Plant(s): Brittle naiad  
Diver(s): Sarah MacNeilage Patey, Jamie Burleigh  
Support Crew: None  
Total amount extracted (in gallons): 50.50  
Total time worked (in hours): 21.0  
Detailed report includes Extraction Narrative, Extraction Log, Map, Photos

**Narrative:**

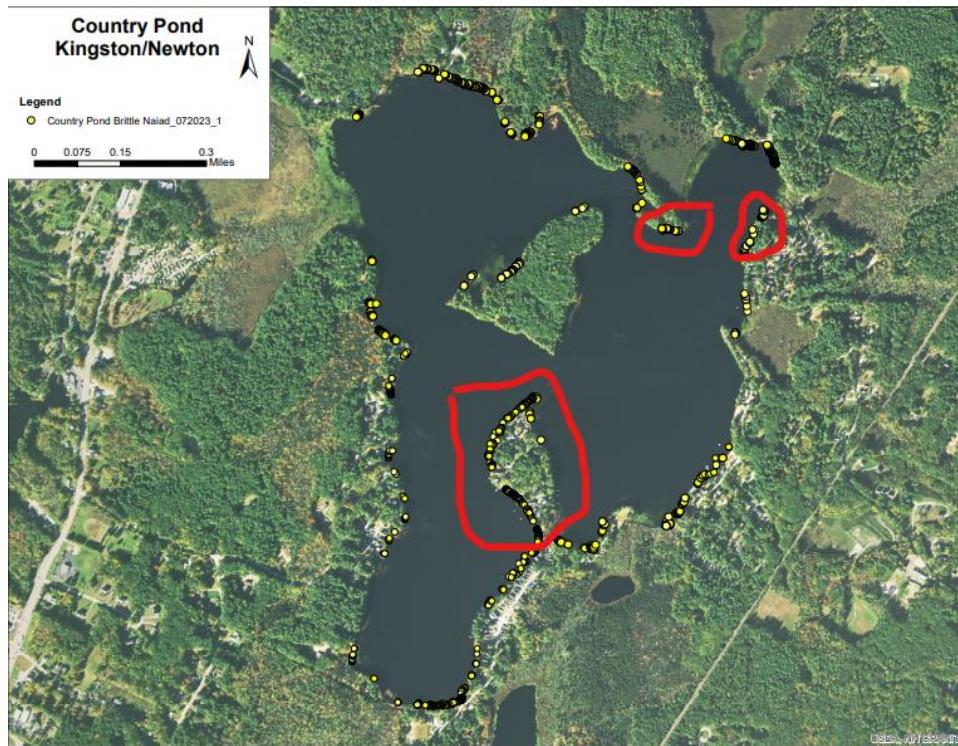
Over the course of the first two days, divers extracted brittle naiad from the peninsula. They found the densest spots at the very tip of the peninsula and the very bottom. These dense spots had large mats of plants hovering at the surface. Most plants and clusters were found between the reeds and lily pads and the shoreline. Some clusters reached into the reeds and lily pads. All plants readily fragmented upon extraction but were otherwise intact. In these areas water was not more than three feet deep. Divers were able to extract what they found with a combo of hand harvesting from the surface in shallow water and snorkeling in the deeper areas. The plants they found were no more than two and a half feet tall.

On the third day, divers started by extracting the remaining plants on the peninsula. Once complete, they moved onto the area at the end of Greene Road, Kingston, NH. There, in three to four feet of water, they extracted much taller, leaner plants, where most of branched stems were at or just about at the surface. Divers extracted far less brittle naiad than expected. In area across from this extraction, Marcoux Road, Newton, NH, divers found some brittle naiad, but like on Greene Road, far less than expected from the map. Along Marcoux Road, divers found a large clustering plant resembling waterweed, into which some of the brittle naiad was mixed.

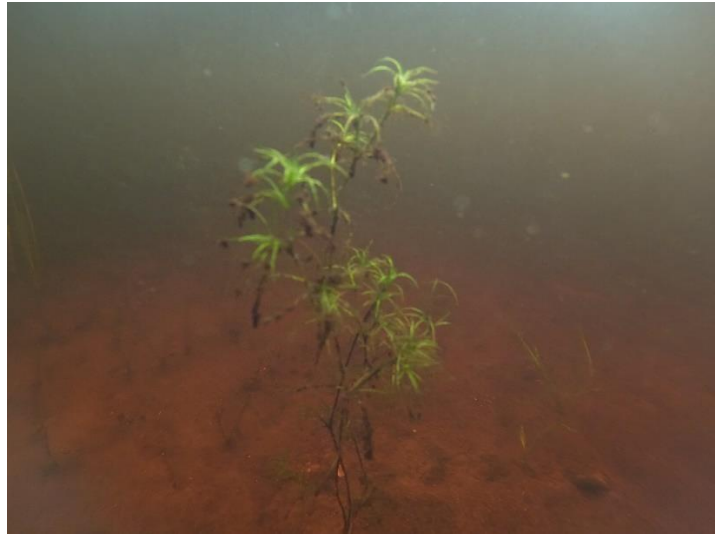
Log:

Diver	Date	Water Body	Vessel Used	Extraction Location	Number of Bags	Yield (Gallons)	Bottom Type
Sarah MacNeilage Patey	8/17/2023	Country Pond	16' Starcraft	Mainland peninsula	2	8	Silt
Jamie Burleigh	8/17/2023	Country Pond	16' Starcraft	Mainland peninsula	2	7	Silt
Sarah MacNeilage Patey	8/21/2023	Country Pond	16' Starcraft	Mainland peninsula	6	14	Silt
Jamie Burleigh	8/21/2023	Country Pond	16' Starcraft	Mainland peninsula	6	8.5	Silt
Sarah MacNeilage Patey	8/22/2023	Country Pond	16' Starcraft	Mainland peninsula	3	9	Silt
Jamie Burleigh	8/22/2023	Country Pond	16' Starcraft	Mainland peninsula	2	2	Silt
Sarah MacNeilage Patey	8/22/2023	Country Pond	16' Starcraft	Greene Rd Kingston	1	0.5	Silt
Jamie Burleigh	8/22/2023	Country Pond	16' Starcraft	Greene Rd Kingston	1	0.5	Silt
Jamie Burleigh	8/22/2023	Country Pond	16' Starcraft	Marcoux Rd Newton	1	1	Silt
				<b>Total gallons extracted</b>		<b>50.50</b>	

Map:



Photos:



Single stands of spiny/brittle naiad found amongst the plants along the peninsula.



Large spiny/brittle naiad clusters as seen from below the waterline.