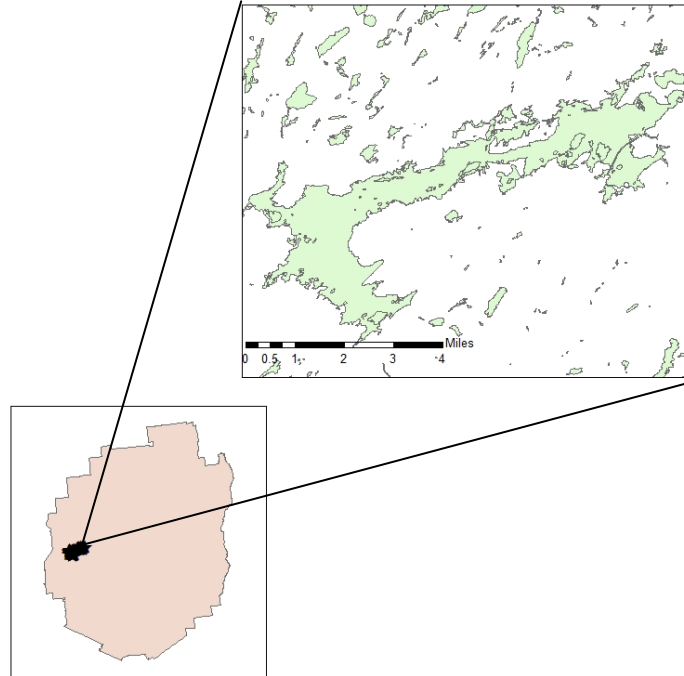


# Stillwater Reservoir Aquatic Plant Survey 2013



**Map 1:** Location of Stillwater Reservoir in relation to the Adirondack Park.

Stillwater Reservoir is located in the town of Webb, Herkimer County, New York (Map 1). This 6,195 acre lake was accessed through the use of a public boat launch. Motor boats have ample access to this lake through the use of this boat launch.

An aquatic plant survey was conducted at Stillwater Reservoir from July 1-3, 2013. Aquatic plant coverage was relatively low, and was comprised of 60 plant beds that covered 29 acres or 0.5% of the surface area of the lake. No invasive aquatic plants were detected in the survey. Fifteen species of native aquatic plants were identified. Species most common in this lake were Bur-reed (*Sparganium spp.*) and Hairgrass (*Eleocharis spp.*) (Table 1).

Of the 172 rake tosses deployed through the littoral zone of this lake, 10 had plants recovered. There were no species of plant that were brought up on the rake that were not detected during the surface survey (Table 2).



**Table 1 (continued)**

Bed #	BRSC	ELCA	POEP	NYOD	SPSP	NUVA	ELSP	UTPU	UTVU	SAGR	PONA	POOA	ERSP	POSP	UTIN	Area
29					2											0.07
30					1											0.46
31		3														0.15
32					2											0.14
33					2		3	1		1		2				0.09
34			1									1				0.01
35					1											0.11
36					1		3							2		0.36
37					2		3									0.78
38			1		3		3					1				2.03
39					5											0.14
40					2		4									0.15
41			3				2					1				0.35
42					2				1			2				0.14
43							3			3						0.27
44					2		3									0.2
45						1										0.28
46					1									2		0.58
47														3		0.71
48					1		3	1				1				0.62
49					3		2									0.59
50			1				3	1				1				0.19
51			3		2		3									0.18
52			1		3		4									1.98
53				1	3		4									0.53
54														3		0.71
55														2		1.01
56														3		0.09
57														3		0.86
58							4				2					0.06
59					2									2		0.86
60					3		3							2		0.15

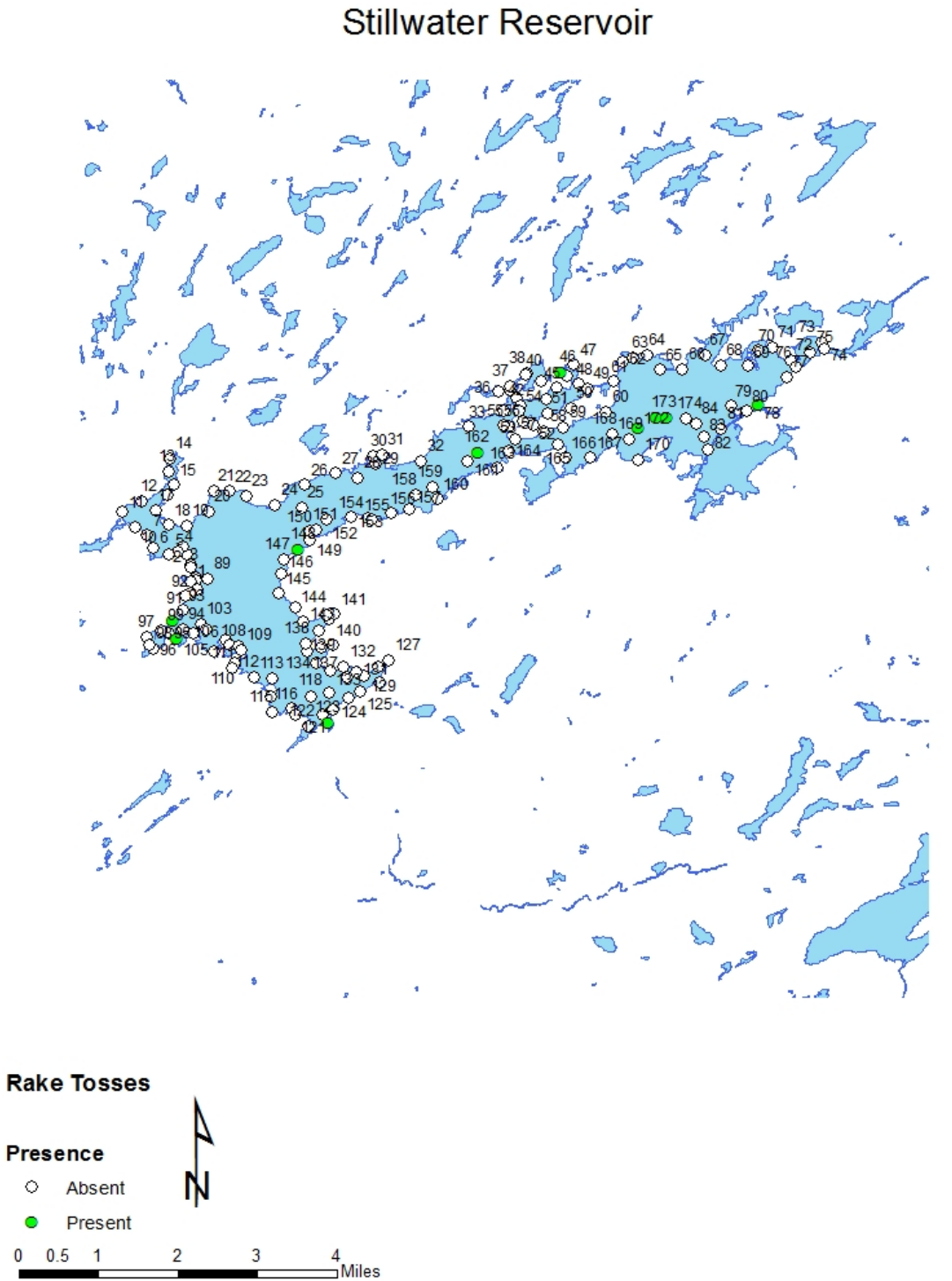
<u>Code</u>	<u>Species</u>
UTPU	Purple Bladderwort ( <i>Utricularia purpurea</i> )
UTVU	Common Bladderwort ( <i>Utricularia vulgaris</i> )
SAGR	Grassy Arrowhead ( <i>Sagittaria graminea</i> )
PONA	Floating-Leaf Pondweed ( <i>Potamogeton natans</i> )
POOA	Oake's Pondweed ( <i>Potamogeton oakesianus</i> )
ERSP	Pipewort ( <i>Eriocaulon</i> spp.)
POSP	<i>Polygonum</i> spp.
UTIN	Flatleaf Bladderwort ( <i>Utricularia intermedia</i> )

<u>Code</u>	<u>Species</u>
BRSC	Watershield ( <i>Brasenia schreberi</i> )
ELCA	Common Waterweed ( <i>Elodea canadensis</i> )
POEP	Ribbon-Leaf Pondweed ( <i>Potamogeton epihydrus</i> )
NYOD	White Water Lily ( <i>Nymphaea odorata</i> )
SPSP	Bur-reed ( <i>Sparganium</i> spp.)
NUVA	Yellow Water Lily ( <i>Nuphar variegata</i> )
ELSP	Hairgrass ( <i>Eleocharis</i> spp.)

**Table 2:** Species present on the rake, abundance, and depth at each of the rake toss locations that had plants recovered at Stillwater Reservoir. Refer to Map 2 for rake toss locations. Abundance key: 1=RARE (<5%), 2=OCCASIONAL (6-15%), 3=PRESENT (16-25%), 4=COMMON (26-50%), 5=ABUNDANT (>50%).

Rake Toss #	Common Bladderwort ( <i>Utricularia vulgaris</i> )	Grassy Arrowhead ( <i>Sagittaria</i> spp.)	Hairgrass ( <i>Eleocharis</i> spp.)	Depth (ft)
44			2	5
76			2	9
98		1		4
99			1	5
121			1	8
145	3			4
160			1	8
169			1	6
170		1	2	6
171			1	5

**Map 2:** Rake toss locations on Stillwater Reservoir July 1-3, 2013. Open circles represent locations where no plants were detected, closed circles represent locations where plants were encountered on the rake. Data for rake tosses can be found on Table 2.



**Map 3:** Locations of the aquatic plant beds detected in Stillwater Reservoir during the surface survey July 1-3, 2013. Data for plant beds can be found on Table 1.

