

Eagle Lake

Survey Date: August 30, 2021

Last Surveyed: July 10, 2018

Survey Team: P. Bly, T. Firkins

Lake Description

Eagle Lake is 424-acres it has 8.5-miles of shoreline. It is located in the town of Ticonderoga, Essex County and lies in the Upper Hudson River watershed. The team launched at the fishing access site on Route 74.

Aquatic Invasive Plant Presence

A total of 74 invasive *Myriophyllum spicatum* (Eurasian watermilfoil) plant beds were mapped.

Native Plant Biota

Comprehensive surveys of all native plants found within the pond were not prioritized in 2021, as this data had been previously collected in 2015 when the lake was first surveyed. The following native plants were found and identified: *Nymphaea odorata* (white water lily), *Nuphar variegata* (spatterdock),

Brasenia schreberi (watershield), *Elodea canadensis* (elodea), *Pontedaria cordata* (pickerel weed), *Potamogeton amplifolius* (large leaf pondweed), *Potamogeton praelongus* (white stemmed pondweed), *Potamogeton natans* (floating leaf pondweed), *Eriocaulon aquaticum* (pipewort), *Potamogeton robbinsii* (robbin's pondweed), *Bidens beckii* (water marigold), and *Ceratophyllum demersum* (coontail).

Aquatic Invasive Animal Presence

Sediment sieves were taken to determine the presence of *Corbicula fluminea* (Asian clams). None were found. Three plankton tows were also conducted with no invasive plankton detected.

Eurasian Watermilfoil				Eurasian Watermilfoil				Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	0.01	436.96	1-10	27	0.14	6169.85	11-25	53	0.04	1529.66	11-25
2	0.04	1747.88	1-10	28	0.04	1747.63	1-10	54	0.18	7823.03	11-25
3	0.04	1747.90	1-10	29	0.12	5329.49	11-25	55	0.07	3040.20	1-10
4	0.01	436.96	1-10	30	0.01	436.90	1-10	56	0.08	3633.35	1-10
5	0.13	5450.17	26-50	31	0.04	1670.50	1-10	57	0.22	9660.21	1-10
6	0.26	11277.89	11-25	32	0.05	2286.02	1-10	58	0.47	20510.92	26-50
7	0.01	436.95	1-10	33	0.15	6341.01	51-100	59	0.03	1201.25	11-25
8	0.01	436.96	1-10	34	0.01	287.40	1-10	60	0.04	1904.73	11-25
9	0.01	436.96	1-10	35	0.01	436.86	<1	61	0.71	30834.42	26-50
10	0.33	14191.87	11-25	36	0.17	7608.22	51-100	62	0.26	11465.84	1-10
11	0.08	3583.79	51-100	37	0.08	3572.25	26-50	63	1.08	47057.99	51-100
12	0.03	1433.82	26-50	38	0.14	5908.86	26-50	64	1.24	53875.52	11-25
13	0.18	7774.80	26-50	39	0.42	18236.98	51-100	65	0.04	1747.64	1-10
14	0.33	14446.55	26-50	40	0.05	2034.25	1-10	66	0.20	8788.85	26-50
15	0.05	2201.87	11-25	41	0.19	8190.80	11-25	67	0.02	982.22	51-100
16	0.16	6814.40	11-25	42	0.05	2170.36	1-10	68	0.08	3493.14	11-25
17	0.31	13674.54	26-50	43	0.04	1747.09	1-10	69	0.04	1747.71	1-10
18	0.01	436.96	1-10	44	0.11	4760.24	11-25	70	0.04	1747.75	1-10
19	0.32	13766.82	51-100	45	0.09	4006.62	51-100	71	0.01	436.93	1-10
20	0.01	436.97	1-10	46	0.01	274.75	1-10	72	0.23	9971.24	1-10
21	0.05	2032.50	11-25	47	0.07	3145.25	51-100	73	0.13	5568.80	11-25
22	0.11	4890.38	1-10	48	0.04	1715.25	11-25	74	0.09	4055.29	51-100
23	0.01	453.08	1-10	49	0.01	282.07	1-10	Asian Clam		Spiny Waterflea	
24	0.24	10532.03	1-10	50	0.12	5317.73	51-100	Present (Y/N)		Present (Y/N)	
25	0.12	5099.87	51-100	51	0.01	482.87	1-10	No		No	
26	0.22	9460.84	11-25	52	0.78	34002.41	1-10				

