

Loon Lake

Survey Date: July 20, 2021

Last Surveyed: July 31, 2018

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Lake Description

Loon Lake is 524-acres with 11.2-miles of shoreline. It is in the town of Chester, in Warren County, and lies within the Upper Hudson River watershed. The team launched a motorboat from Loon Lake Public Beach and Boat Launch. The weather was sunny with light cloud cover and a slight breeze.

Aquatic Invasive Plant Presence

There was *Myriophyllum spicatum* L. (Eurasian watermilfoil) found periodically on the lake in small clumps of one or two strands.

Native Plant Biota

Though comprehensive surveys of native aquatic vegetation were not completed the following native plants were identified: *Elodea spp* (elodea), *Sparganium angustifolium* (Narrow-leaf bur-reed), *Potamogeton amplifolius* (large-leaf pondweed), *Brasenia schreberi* (water shield), *Utricularia spp* (bladderwort).

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 zooplankton 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	1.28	55828.38	1-10	25	0.04	1624.60	1-10	50	0.12	5228.83	1-10
2	0.01	439.97	1-10	26	0.04	1825.43	<1	51	0.07	2870.42	1-10
3	0.63	27388.67	1-10	27	0.38	16616.30	1-10	52	0.09	4000.97	1-10
4	0.04	1759.86	1-10	28	0.05	1960.58	1-10	53	0.10	4329.22	1-10
5	0.46	19974.36	1-10	29	0.07	2859.88	<1	54	0.02	926.21	1-10
6	0.86	37487.43	1-10	30	0.04	1587.20	1-10	55	0.04	1661.23	1-10
7	0.01	439.96	1-10	31	0.09	3771.95	<1	56	0.06	2473.28	<1
8	0.01	439.96	1-10	32	0.17	7455.04	1-10	57	0.03	1353.09	1-10
9	0.01	439.94	1-10	33	0.10	4381.71	1-10	58	0.05	1983.86	1-10
10	0.13	5627.27	1-10	35	0.42	18353.21	11-25	59	0.02	1058.79	<1
11	0.41	17746.46	1-10	36	0.26	11312.19	11-25	60	0.07	2987.71	1-10
12	0.01	439.90	1-10	37	0.24	10636.57	1-10	61	0.05	2277.27	<1
13	0.01	439.77	1-10	38	0.03	1368.44	<1	62	0.07	3137.64	1-10
14	0.04	1758.96	1-10	39	0.22	9661.56	11-25	63	0.04	1640.77	1-10
15	0.04	1758.91	1-10	40	0.30	13204.11	11-25	64	0.14	5968.29	1-10
16	0.01	439.72	1-10	41	0.03	1350.93	1-10	65	0.09	4085.36	1-10
17	0.01	439.70	1-10	42	0.26	11532.21	1-10	66	0.19	8441.76	1-10
18	0.05	2370.67	<1	43	0.31	13439.52	1-10	67	0.25	10909.08	1-10
19	0.24	10583.52	1-10	44	0.21	9343.17	11-25	68	0.13	5458.35	1-10
20	0.35	15274.28	1-10	45	0.11	4755.87	<1	69	0.04	1811.00	<1
21	0.19	8281.01	1-10	46	0.10	4546.21	1-10	Asian Clam		Spiny Waterflea	
22	0.07	3258.18	1-10	47	0.09	3847.49	1-10				
23	0.07	3190.94	1-10	48	0.04	1542.08	1-10	Present (Y/N)		Present (Y/N)	
24	0.10	4538.94	1-10	49	0.08	3352.36	1-10	No		No	

