

Lake Narrative

Lake Algonquin

Survey Date: August 30, 2018

Lake Description

Lake Algonquin is 248.63 acres. It is located in the town of Wells, Hamilton County and lies in the Sacandaga Watershed. The team launched at the public launch on Algonquin Drive.

Aquatic Invasive Plant Presence

A total of 9 invasive *Myriophyllum spicatum* (Eurasian watermilfoil) plant beds were mapped. *Myriophyllum spicatum* was detected in Lake Algonquin in 2002. Beds ranged from a few plants to dense monocultures.

Native Plant Biota

Comprehensive surveys of all native plants found within the pond were not prioritized in 2018, as this data had been previously collected in 2015 when the lake was first surveyed. Lake Algonquin's shallow waters are full of native plant species, which can be found in abundance alongside the *Myriophyllum spicatum* beds. Native species found include: *Brasenia schreberi* (watershield), *Potamogeton natans* (floating leaf pondweed), *Utricularia vulgaris* (common bladderwort), *Vallisneria americana* (eelgrass), *Potamogeton robbinsii* (fern pondweed), *Nymphaea odorata* (white water lily), *Elodea nuttallii* (common waterweed), *Najas* spp. (naiad), *Nitella* spp., and *Potamogeton praelongus* (white-stem pondweed).

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.

Invasive Species Percent Cover (See map on adjacent page)

Bed	Eurasian Watermilfoil			Asian Clam	Spiny Waterflea
	Size (Ac.)	Size (Sq. Ft.)	% Cover	Present (Y/N)	Present (Y/N)
1	0.13	5,551	51 to 100	No	No
2	0.05	2,194	11 to 25		
3	0.05	2,381	51 to 100		
4	0.01	407	11 to 25		
5	0.03	1,363	11 to 25		
6	0.05	2,222	11 to 25		
7	0.72	31,453	26 to 50		
8	0.10	4,428	11 to 25		
9	0.85	37,074	51 to 100		

