

## Fulton Chain Lakes, Fifth Lake

**Survey Date:** June 24, 2019

**Last Surveyed:** 2016

### Lake Description

Fifth Lake is a 13.8-acre lake that is part of the Fulton Chain Lakes in the town of Inlet, Hamilton County. It is in the Black River watershed and has 0.59-miles of shoreline. The team launched two motorboats at the DEC hard launch off of NY-Route 28 on the east end of Fourth Lake and accessed Fifth Lake through the connecting channel.

### Aquatic Invasive Plant Presence

Dense beds of *Myriophyllum heterophyllum* (variable leaf milfoil) and scattered beds *Myriophyllum spicatum* (Eurasian watermilfoil) were detected in the lake. In total, 4 beds of *Myriophyllum heterophyllum* and 3 beds of *Myriophyllum spicatum* were mapped.

### Native Plant Biota

Comprehensive surveys of all native plants found within the lake were not prioritized in 2019 as this data had previously been collected in 2016. Native plants detected included: *Nymphaea odorata* (white water lily), *Brasenia schreberi* (watershield), *Nitella* spp., *Potamogeton perfoliatus* (clasping leaf pondweed), *Myriophyllum tenellum* (dwarf watermilfoil), *Potamogeton natans* (floating leaf pondweed), and *Chara* spp. (muskgrass).

### Aquatic Invasive Animal Presence

Sediment sieves were not taken to determine the presence of *Corbicula fluminea* (Asian clams) due to the fact that there was no public, sandy areas along the shoreline available to be surveyed. Three plankton tows were conducted with no invasive zooplankton detected.











### Invasive Species Percent Cover (See map on adjacent page)

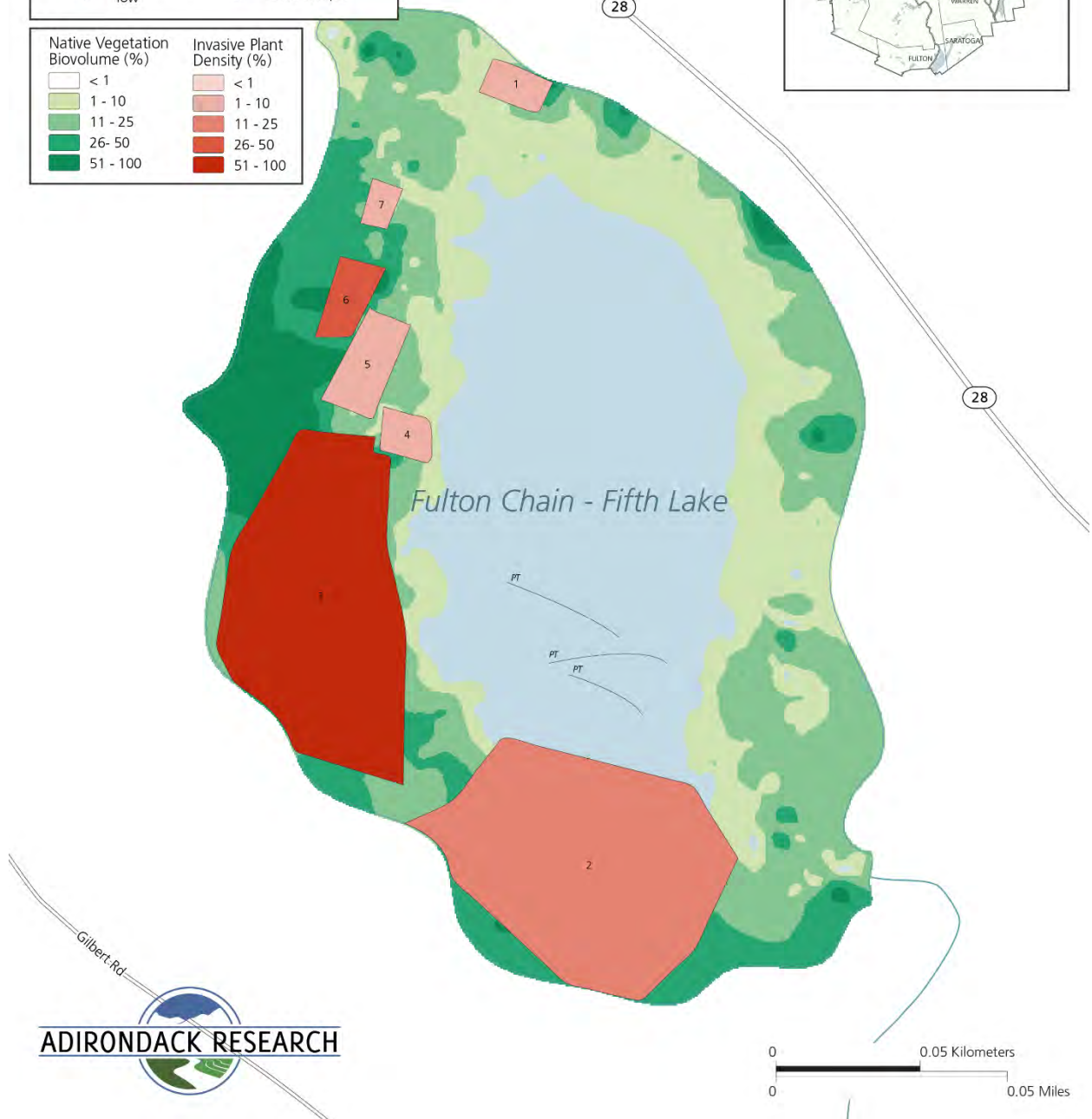
Variable Leaf Milfoil				Eurasian Watermilfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
2	2.94	127890.00	11-25	1	.12	5421.21	1-10
3	2.73	119104.00	51-100	4	.12	5147.96	1-10
6	.15	6702.87	26-50	5	.28	12039.40	1-10
7	.07	3158.86	1-10				
				<b>Asian Clam</b>		<b>Spiny Waterflea</b>	
				Present (Y/N)		Present (Y/N)	
				No		No	

### Fulton Chain - Fifth Lake Aquatic Plant Survey 2019

County: Hamilton      Date Surveyed: 06/24/2019  
 Town: Inlet          AIS Bed Area (acres): 6.41  
 Lake Area (acres): 13.78      AIS Observed: VLM & EWM

-  Not Surveyed
-  Native Beds
-  Invasive Beds
-  Phyttoplankton Tow
-  Sieve Sample






Native Vegetation Biovolume (%)	Invasive Plant Density (%)
 < 1	 < 1
 1 - 10	 1 - 10
 11 - 25	 11 - 25
 26 - 50	 26 - 50
 51 - 100	 51 - 100

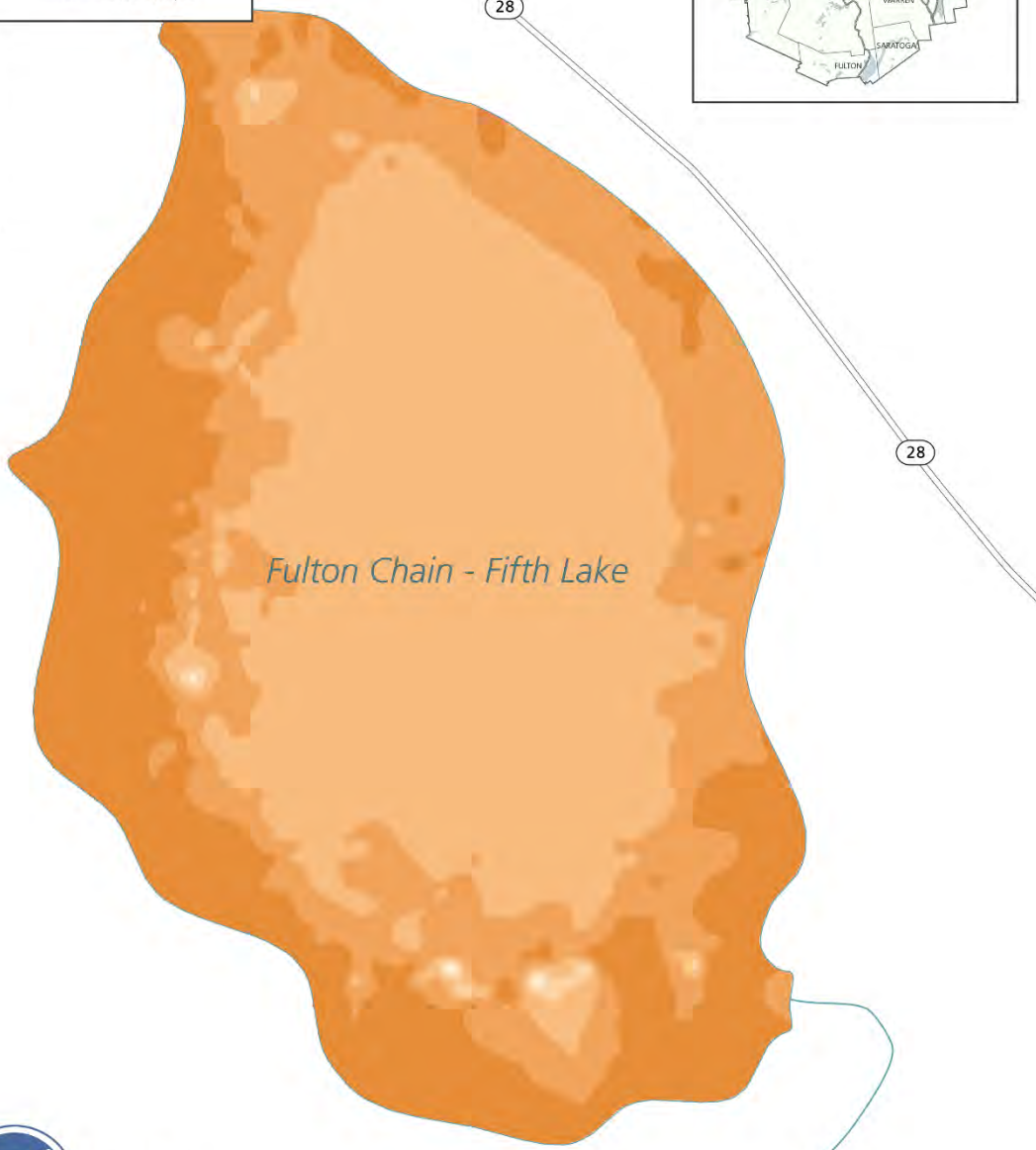


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Hardness	
	0 - 0.1
	0.1 - 0.2
	0.2 - 0.3
	0.3 - 0.4
	0.4 - 0.5









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#### Bathymetry (ft)

-  0 - 5
-  5 - 10
-  10 - 20
-  20 - 30
-  30 - 40
-  more 40

