

## Fulton Chain Lakes, Seventh Lake

**Survey Date:** July 2, 2019

**Last Surveyed:** 2016

### Lake Description

Seventh Lake is an 834.22-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 12.99-miles of shoreline. The team launched two motorboats at the DEC hard launch off NY-Route 28.

### Aquatic Invasive Plant Presence

A total of 11 invasive *Myriophyllum spicatum* (Eurasian watermilfoil) plant beds were mapped. Five invasive *Myriophyllum heterophyllum* (variable leaf milfoil) plant beds were also detected and mapped. The heaviest concentrations were on the north-eastern side of the lake, near the canoe carry into Eighth Lake.

### 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. In addition to the invasive plant beds found, native plants detected were: *Potamogeton epihydrus* (ribbon leaf pondweed), *Brasenia schreberi* (watershield), *Nuphar variegata* (yellow pond lily), *Vallisneria americana* (eelgrass), *Potamogeton robbinsii* (fern pondweed), *Sagittaria graminea* (grassy arrowhead), and *Nymphaea odorata* (white water lily).

### 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.











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

Eurasian Watermilfoil				Variable Leaf Milfoil			
Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover	Bed	Size (Ac.)	Size (Sq. Ft.)	% Cover
1	.06	2422.36	11-25	7	1.54	67023.70	51-100
2	.05	2036.08	11-25	11	.002	95.41	<1
3	.01	604.64	11-25	13	.0003	14.46	26-50
4	.07	2859.71	26-50	14	.007	320.04	51-100
5	.83	36047.10	26-50	16	.02	953.77	<1
6	.25	10917.70	11-25				
8	.35	15204.00	1-10				
9	.001	53.79	1-10				
10	.57	24962.70	1-10				
12	.04	1684.76	11-25				
15	.01	581.17	26-50				
				<b>Asian Clam</b>		<b>Spiny Waterflea</b>	
				Present (Y/N)		Present (Y/N)	
				No		No	

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

County: Hamilton      Date Surveyed: 07/02/2019  
 Town: Inlet              AIS Bed Area (acres): 4.08  
 Lake Area (acres): 834.52      AIS Observed: VLM & EWM

 Not Surveyed  
 Native Beds       Invasive Beds  
 Phytoplankton 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

