

Oswegatchie River Impoundment

Survey Date: August 8, 2019

Last Surveyed: 2016

Lake Description

The Oswegatchie River Impoundment is a 137.86-acre dammed section of the Little and Oswegatchie Rivers and has 6.35-miles of shoreline. It is located in the town of Fine, St. Lawrence County and lies in the Oswegatchie River watershed. The team launched two motorboats at the Flat Rock Site public recreation area, approximately 5-miles north of the hamlet of Star Lake off NY-Route 3.

Aquatic Invasive Plant Presence

Myriophyllum heterophyllum (variable leaf milfoil) was detected. A total of 9 beds were found, with 6 of them being on the western shoreline, and 1 on the eastern side of the impoundment.

Native Plant Biota

Comprehensive surveys of all native plants found within the impoundment were not prioritized in 2019 as this data had been previously collected in 2016. The species detected in this survey were: *Sparganium* spp. (bur-reed), *Potamogeton epihydrus* (ribbon leaf pondweed), *Eleocharis* spp. (hairgrass), *Sagittaria graminea* (grassy arrowhead), *Potamogeton pusillus* (small pondweed), *Nitella* spp., *Eriocaulon* spp. (pipewort), *Utricularia vulgaris* (common bladderwort), *Brasenia schreberi* (watershield), *Lobelia dortmanna* (water lobelia), *Utricularia purpurea* (large purple bladderwort), *Isoetes* spp. (quillwort), and *Vallisneria americana* (eelgrass).

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)

Bed	Variable Leaf Milfoil			Asian Clam	Spiny Waterflea
	Size (Ac.)	Size (Sq. Ft.)	% Cover	Present (Y/N)	Present (Y/N)
1	.46	19831.20	51-100	No	No
2	.07	3230.96	26-50		
3	.06	2706.60	11-25		
4	.51	22328.50	11-25		
5	.005	222.58	1-10		
6	.03	1291.02	1-10		
7	.009	380.40	11-25		
8	.03	1279.31	11-25		
9	.12	4651.44	11-25		





