

Lake Narrative

Pleasant Lake

Survey Date: July 3, 2018

Lake Description

Pleasant Lake is 242.70 acres. It is located in the town of Stratford, Fulton County and lies in the Mohawk watershed. The team launched at a private residence on the eastern shore.

Aquatic Invasive Plant Presence

No invasive plants were detected.

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. A rocky lake bottom and deep shoreline restricts most plant growth to the shallow inlet and outlet. Floating plants, such as *Brasenia schreberi* (watershield), *Nymphaea odorata* (white water lily), and *Nuphar variegata* (bullhead pond lily), were documented with higher densities of a native pondweed (*Potamogeton*) species, such as *Potamogeton gramineus* (variable pondweed) found in the western bay. *Vallisneria americana* (eelgrass) was also found.

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.

Pleasant Lake Aquatic Plant Survey 2018

County: Fulton Date Surveyed: 07/03/2018
 Town: Stratford AIS Bed Area (acres): 0
 Lake Area (acres): 242.70 AIS Observed:

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 |

