

New York State **Not** Oneida Lake



ONEIDA

FISH CULTURAL STATION

- Located on north shore of Oneida Lake in Village of Constantia
- Primary function is raising walleye
- Secondary production includes Lake Sturgeon, Round Whitefish, Cisco
- **Fish are stocked across NYS into public waters**
- Hatchery was built in 1992, approx 18k sq ft, including an office, visitor center, rearing room, research room and misc. rooms for mechanical equipment.
- Water source is Scriba Creek, gravity fed to hatchery.
- Open daily April 1-Sept 1 8am-3:30pm and tours are available.

Oneida Lake is always the most heavily stocked water body

15	Fern Lake	5	Clinton	Chateaugay	477	ONEIDA	9,500	-
Size Sub-totals		# Waters: 15			12,292		224,620	

Sac Fry

Priority	Name	Region	County	Hatchery	Acres	Strain	Number	Mark
00	South Otselec Hatchery	7	Chenango	South Otselec	0	ONEIDA	335,000	-
00	Cobleskill (M. Cornwell cooperator)	4	Schoharie	Oneida	2	ONEIDA	60,000	-
00	Chautauqua Hatchery	9	Chautauqua	Chautauqua	0	ONEIDA	300,000	-
00	S. Sanford (cooperator)	8	Wayne	Oneida	0	ONEIDA	180,000	-
01	Oneida Lake	7	Oswego	Oneida	51,072	ONEIDA	153,220,000	-
02	Honeoye Lake	8	Ontario	Caledonia	1,670	ONEIDA	8,700,000	-
03	Saratoga Lake	5	Saratoga	Van Homesville	4,339	ONEIDA	13,020,000	-
04	Sttown Pond	6	Jefferson	Salmon River	173	ONEIDA	520,000	-
05	Eaton Reservoir	7	Madison	Oneida	254	ONEIDA	760,000	-
06	Butterfield Lake	6	Jefferson	Salmon River	1,005	ONEIDA	3,020,000	-
07	Glacier Lake	7	Onondaga	Oneida	10	ONEIDA	30,000	-
08	Pleasant Lake	6	St Lawrence	Chateaugay	220	ONEIDA	660,000	-
09	Grass Lake	6	Jefferson	Oneida	320	ONEIDA	960,000	-
10	Higley Falls Reservoir	6	St Lawrence	Chateaugay	693	ONEIDA	2,100,000	-
11	Red Lake	6	Jefferson	Salmon River	352	ONEIDA	1,056,000	-
12	Black Lake	6	St Lawrence	Chateaugay	9,000	ONEIDA	27,000,000	-
13	Payne Lake	6	Jefferson	Salmon River	154	ONEIDA	462,000	-
Size Sub-totals		# Waters: 17			69,264		212,383,000	
Species totals		# Waters: 44			95,988		212,865,480	

Walleye

50-Day Fingerling

Priority	Name	Region	County	Hatchery	Acres	Strain	Number	Mark
01	Little Wolf Lake	5	Franklin	Adirondack	161	ONEIDA	3,200	OTC
02	Lake Taghkanic	4	Columbia	Van Homesville	168	ONEIDA	3,360	OTC
03	Beardsley Lake	6	Herkimer	Van Homesville	175	ONEIDA	3,500	OTC
04	East Sidney Lake	4	Delaware	Catskill	112	ONEIDA	4,000	OTC
05	Putnam Pond	5	Essex	Adirondack	281	ONEIDA	5,620	OTC
06	Port Bay	8	Wayne	Caledonia	520	ONEIDA	10,400	OTC
07	Cazenovia Lake	7	Madison	Rome	1,164	ONEIDA	23,280	OTC
08	Conesus Lake	8	Livingston	Caledonia	3,251	ONEIDA	32,500	OTC
09	Seneca River	7	Cayuga	Bath	1,200	ONEIDA	24,000	OTC
10	Salmon River Reservoir	7	Oswego	Salmon River	3,200	ONEIDA	64,000	OTC
11	Canadarago Lake	4	Otsego	Van Homesville	2,000	ONEIDA	40,000	OTC
12	Otisco Lake	7	Onondaga	South Otsego	2,200	ONEIDA	44,000	OTC
Size Sub-totals		# Waters: 12			14,432		257,860	

Pond Fingerlings

Priority	Name	Region	County	Hatchery	Acres	Strain	Number	Mark
01	Hyde Lake	6	Jefferson	Salmon River	200	ONEIDA	4,000	-
02	Lake Ronkonkoma	1	Suffolk	Catskill	243	ONEIDA	5,000	-
03	Fort Pond	1	Suffolk	Catskill	192	ONEIDA	4,000	-
04	Lower Niagara River	9	Niagara	Chautauqua	582	ONEIDA	23,200	-
05	Conesus Lake	8	Livingston	Caledonia	3,251	ONEIDA	32,500	-
06	Canadarago Lake	4	Otsego	Van Homesville	2,000	ONEIDA	40,000	-
07	Snyders Lake	4	Rensselaer	Van Homesville	100	ONEIDA	2,000	-
08	Jamesville Reservoir	7	Onondaga	Oneida	333	ONEIDA	6,600	-
09	Findley Lake	9	Chautauqua	Randolph	293	ONEIDA	5,500	-
10	Bear Lake	9	Chautauqua	Chautauqua	114	ONEIDA	2,300	-
11	Lime Lake	9	Cattaraugus	Chautauqua	160	ONEIDA	3,100	-
12	Cross Lake	7	Onondaga	Oneida	2,176	ONEIDA	43,500	-
13	Irondequoit Bay	8	Monroe	Caledonia	1,800	ONEIDA	36,000	-
14	Cayuta Lake	8	Schuyler	Bath	371	ONEIDA	7,420	-

Sale of Fish from the Hatchery???

- *Private hatchery owners want to grow walleye
- *NY wants to keep only Oneida strain of walleye in NY
- *Instead of private hatcheries importing walleye from other states, NY allows SURPLUS FRY to be purchased at \$1 per 1,000 fry with a max of 100,000 fry per facility.
- *Proper permits and licenses must be obtained.
- *We have had 2 interested parties that get a total of 140,000 fry the last few years. That amounts to \$140 that goes into the conservation fund.
- * That about 0.052% of our total fry for this year.

2019 Walleye Production

- Collected 16,620 total walleye vs 16,878 in 2018
- Stripped 5,816 females vs 4,518 in 2018 due to warm temps
- 324,000,000 eggs again with the required 153,220,000+ fry into Oneida Lake
 - Only set 9 nets this year!



·Adults are hand stripped into a mixing bowl using 2 males to 1 female.



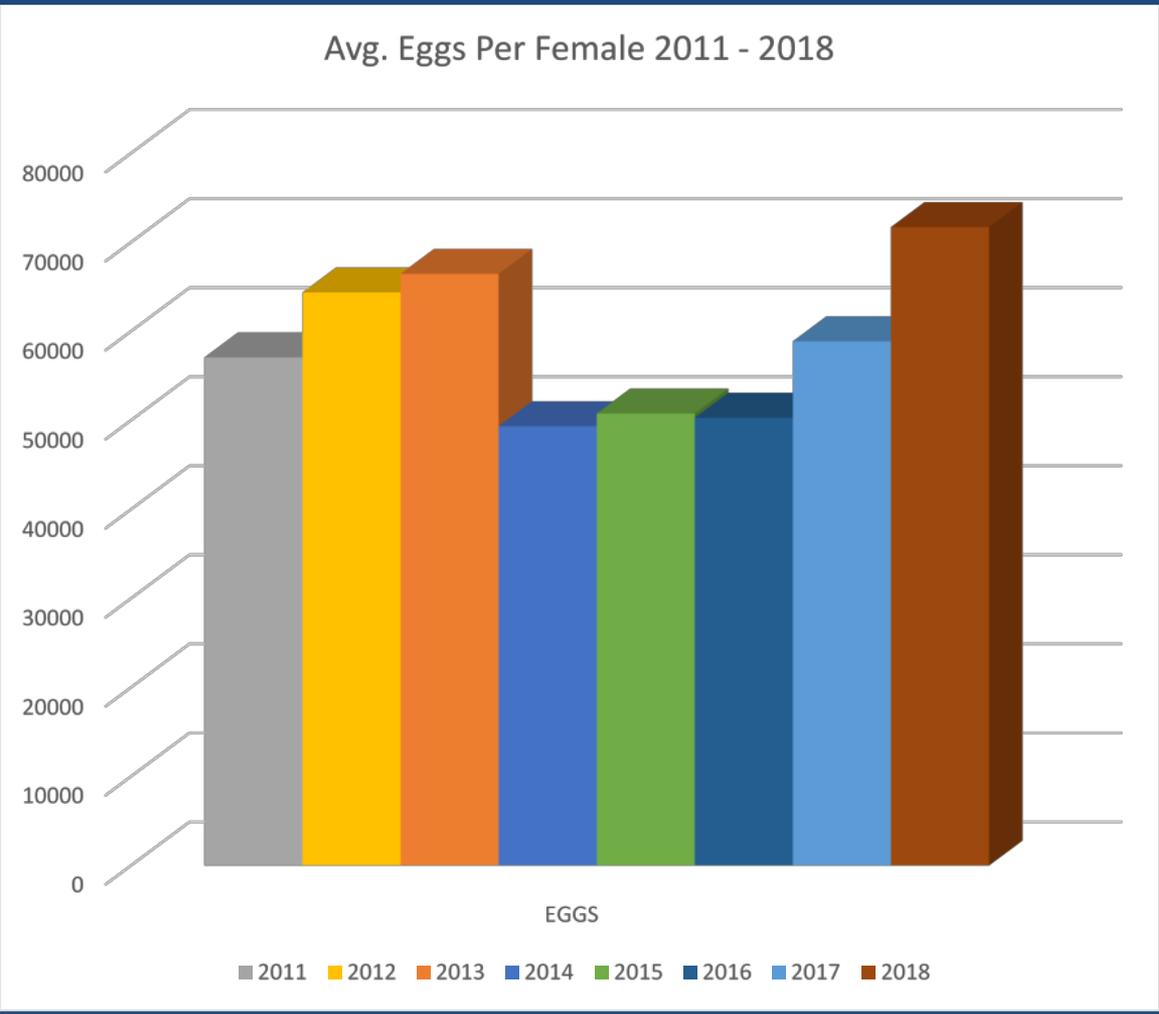


2017 Female – 13.2 lbs
prior to egg removal,
10.8 lbs after eggs
expressed.



Overall fish seemed larger.
Many males could easily be
mistaken as females.

- Eggs are mixed with tannic acid to remove adhesive coating, rinsed and water hardened for 1 hour.
- While water hardening they are disinfected with iodophor.
- They are then placed into McDonald type incubation jars with flows of 1-2gpm.
- Eggs per female has increased over the years...gobies?
- This year we saw 75,000 eggs per female but the avg decrease due to warm water



- Eggs incubate for ~21 days, formalin is used to control fungus.
- Majority of fry are stocked immediately after hatching.
- Oneida Lake is stocked using a pontoon boat. Other waters and transfers to other hatcheries are via truck.



- 434,000 fry will be kept at Oneida for intensive culture
 - Immersed in an Oxytetracycline (OTC) bath to mark otolith.
 - Stocked into 23 indoor raceways (25' X 45" X 2' ~1400gal)
 - Fry will be fed live brine shrimp for 35-50 days and then stocked at 1.5".
 - 6 Tanks will be fed HUFA enriched artemia



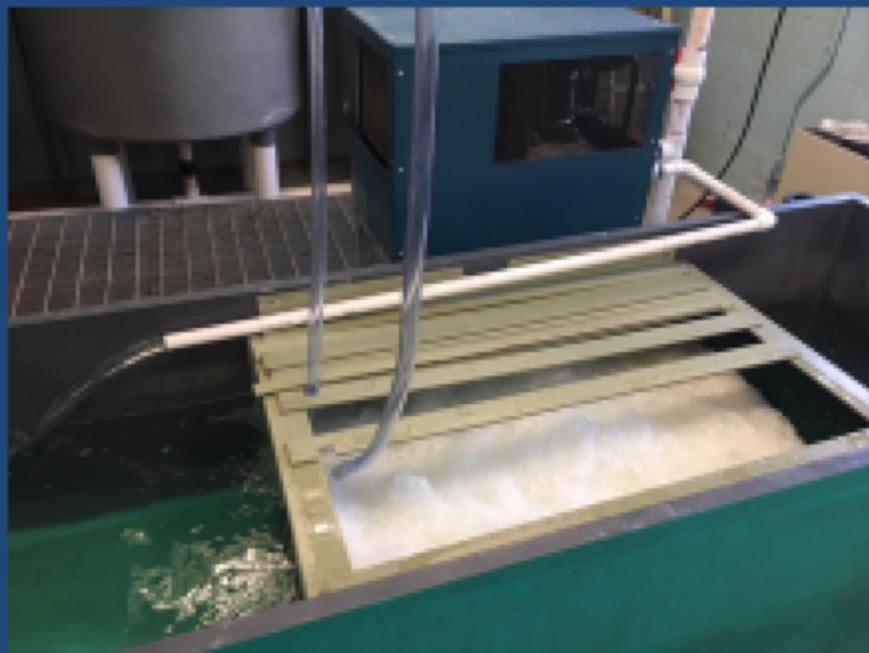
Lake Sturgeon

- Eggs collected from wild fish from the St. Lawrence River and delivered to Oneida Hatchery.
- Eggs are incubated in McDonald jars with 1-2 gpm flow.



Cisco Before...After









For the Record...

- Fingerling walleye are no longer produced due to increased water temps
- 12 Trap nets have been used since 2004, went to 10 for 2 years but will be using 9 from now on
 - “Each spring, DEC workers and volunteers net spawning walleye generating millions of walleye fry”? Volunteers rarely do this. Any volunteer has to be approved by the manager. One volunteer assisted staff one day this year, happened to be interviewed by the Watertown Daily Times and had several inaccuracies. The same article stated “Erika Stoddard was one of the workers on hand...”
 - Tour Guides are valuable volunteers but do not net, spawn or handle fish.
- If you are writing an article and want it checked for accuracy just let me know.

