

Table 1: Total Phosphorus and Total Suspended Solids for Duck Creek at Pamperin Park, May to October 2023

DCPP	Total Phosphorus (mg/L)	Total Suspended Solids (mg/L)
5/8/2023	0.077	8.9
6/5/2023	0.12	9.6
7/17/2023	0.12	7.2
8/7/2023	0.17	9.6
9/18/2023	0.052	6.5
10/9/2023	0.080	5.5

Note: The Water Quality Standard for Total Phosphorus and Total Suspended Solids is 0.075 mg/L and 18 mg/L, respectfully.

Table 2: Total Phosphorus and Total Suspended Solids for Trout Creek at Hwy FF, May to October 2023

TCFF	Total Phosphorus (mg/L)	Total Suspended Solids (mg/L)
5/8/2023	0.044	2.9
6/5/2023	0.069	6.8
7/17/2023	0.076	6.5
8/7/2023	0.074	3.9
9/18/2023	0.044	2.7
10/9/2023	0.046	1.1

Note: The Water Quality Standard for Total Phosphorus and Total Suspended Solids is 0.075 mg/L and 18 mg/L, respectfully.



Oneida Water Resources Program

Annual Report

Legend

Dissolved Oxygen (DO)

Respiration for fish, other aquatic organisms

Temperature (TEMP)

General aquatic life support and reproduction

Conductivity (COND)

General aquatic life support, dissolved solids

Indicator

Chlorides (CHLOR)

General life support, salinity indicator, drinking

Water pollutant

Acidity/alkalinity (pH)

Acidity/alkalinity indicator, drinking water pollutant

Total Phosphorus (TP)

Major algae nutrient, drinking water pollutant,

fertilizer/manure runoff indicator

Total Nitrogen (TN)

Major algae nutrient, drinking water pollutant,

fertilizer/manure runoff indicator

Chlorophyll-a (CHL-A)

Algae concentration indicator, sampled only during

the summer months

Macroinvertebrates (MAC)

Indicator of water quality based on the diversity of

pollution tolerant and intolerant aquatic insects and

non-insects that are visible to the naked eye and do

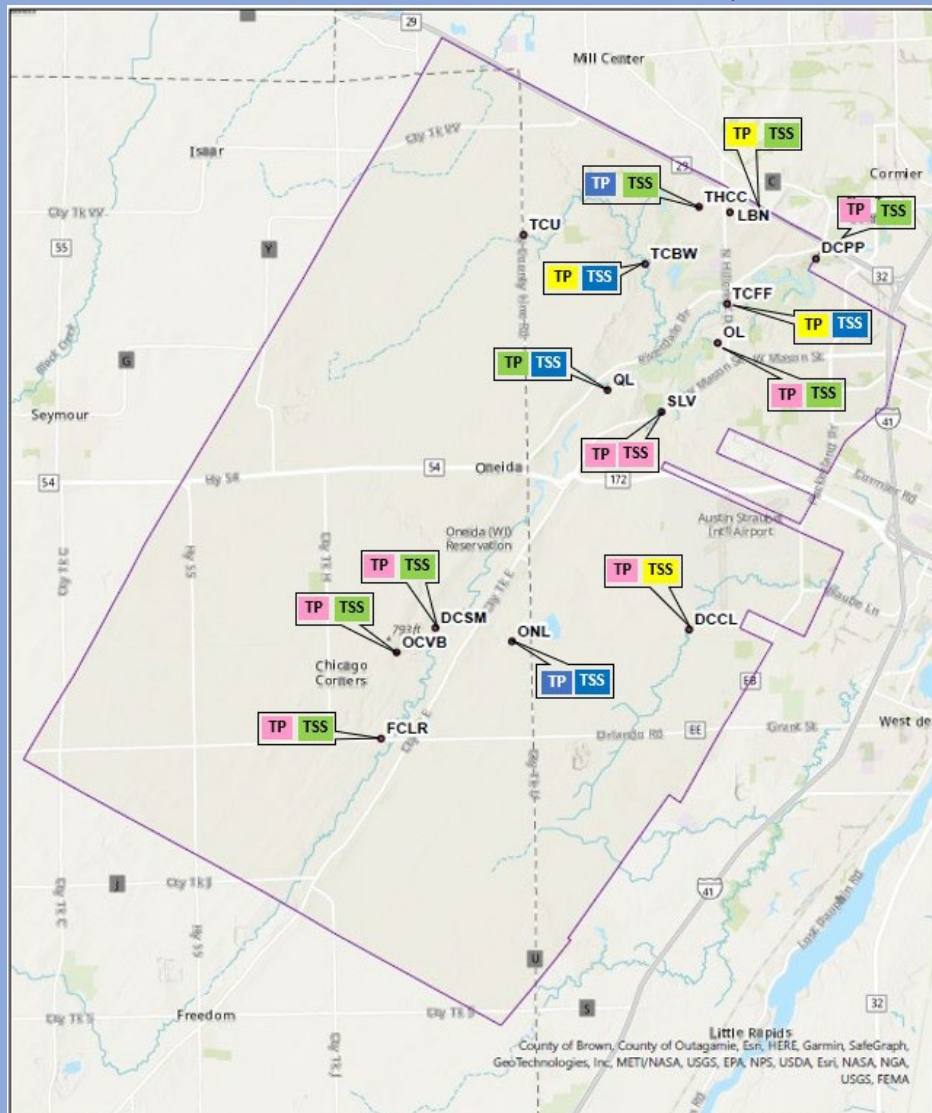
not have a backbone

Total Suspended Solids (TSS)

Indicator of aquatic life support, oxygen levels

Condition Indicators: On Average for 2023

Poor
 Fair
 Good
 Very Good



Grade	TP (mg/L)	TSS (mg/L)
Very Good	≤ 0.02	≤ 4.5
Good	0.021 – 0.044	≤ 9.0
Fair	0.045 – 0.064	≤ 13.5
Poor	0.065 +	13.5 +
ONWQS Threshold	0.075	18.0

Conditions and thresholds determined by Oneida Water Quality Standards (ONWQS)

***2023 Water Chemistry Data subjected to drought conditions**

GEOGRAPHIC INFORMATION SYSTEM
 N7332 Water Cir Pl,
 Oneida, WI 54155
 920-869-4566
 File: WQ Report Card

Created Date: 10/31/2023
 Revised Date: 11/01/2023

Source: DOLM & Photography 2018
 Coordinate System: Wisconsin State Plane,
 Central Zone
 Lambert Projection, U.S. Foot
 Horizontal Datum: NAD83
 Vertical Datum: NAV88

TCU – Trout Creek on U (was unable to be sampled in 2023)	DCPP – Duck Creek at Pamperin Park
LBN – Lancaster Brook at Navajo	TCFF – Trout Creek on FF
OL – Osnuhsa Lake	TCBW – Trout Creek at Brookwood
ONL – Oneida Lake	OCVB – Oneida Creek at VanBoxtel
QL – Quarry Lake	SLV – Silver Creek
FCLR – Fish Creek on Lambie Rd.	DCCL – Dutchman Creek at Cyrus Lane
DCSM – Duck Creek at Seminary Rd.	THCC – Thornberry Creek at Crooked Creek

Oneida Water Resources Program

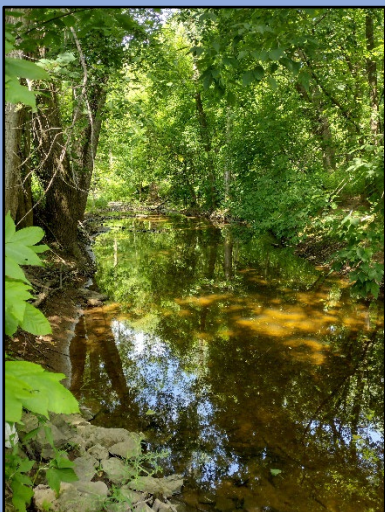
Water Resources Goals

- The mission of the Water Resources Program is to protect and restore surface waters within the Oneida Reservation by restoration, education/outreach, water quality monitoring and regulatory actions
- Continue making management or water resources related decisions on water bodies within or adjacent to the Oneida reservation using scientific data
- Continue to update Oneida Tribal Water Quality Standards, Ordinances, etc.
- Provide comments and participation in tribal, local, state, and federal workgroups and/or meetings pertaining to water resources

Surface Water Monitoring

Water is analyzed for physical and chemical quality parameters along with habitat assessments, physical characterization, and macroinvertebrate surveys. Most sites are monitored April through November. Our goal is to ensure clean water, safe fish for consumption, and a healthy ecosystem for future generations.

- Drought conditions impacted multiple watersheds in 2023.
- Eurasian Milfoil Treatment conducted at Quarry Lake, May 2023.
- Black Crappie habitat expansion for Oneida Lake happening within November 2023



Fish Creek



Alaina Noll, Water Resource Specialist

Tribal Water Uses and Standards

With assistance from a Bureau of Indian Affairs (BIA) grant and the EPA Performance Partnership Grant (PPG) grant (GAP, Brownfield, 319, 106), our Storm Water Pollution Prevention Plan (SWPP) has created Oneida's water quality standards for water bodies within the Oneida Reservation. Establishing Tribal water quality uses and standards asserts Tribal Sovereignty and promotes the protection of waters for Tribal needs.



Fish Restocking in Oneida, Osnuhsa and Quarry Lake 2023

Extended Growth Walleye: 5,524

Rainbow Trout: 1,000

Black Crappie: 2,000

Minnows: Possible stocking for Nov. 2023



Total Fish Stocked in 2023: 8,524

- ~3500 young of year Brook Trout were stocked with the DNR in 2023. Trout are not yet ready to be fished due to size.