

MiCorps Volunteer Stream Monitoring Program Monitoring Fact Sheet

Organization Name: White River Watershed Partnership
Monitoring Program Name: VSMP macroinvertebrate monitoring
Watersheds Monitored: White River
County(ies): Oceana, Newaygo
Program Manager: Dr. Thomas Tisue
Thomas.Tisue@muskegoncc.edu
231 421 4408 or 630 670 2237 (mobile)

Fact Sheet Updated: Nov. 14, 2021



PROGRAM DESCRIPTION: The White River Watershed Partnership (WRWP) aims to protect the unique characteristics and the natural resources of the White River Watershed by promoting conservation, restoration and preservation activities. To fulfill this mission, the WRWP established a program of twice-annual surveys of the macroinvertebrate community that is now in its tenth year. Depending on available resources and manpower, up to a dozen sites are studied, most located in coldwater reaches in the upper watershed and some where road-stream crossing improvements have been made. Characterization of the riparian habitat at these sites, including hydromorphological data, aids in understanding the factors that determine stream quality. In recent years, these studies have been augmented through the WRWP's partnership with Trout Unlimited to establish long-term remote monitoring sites for stream temperature, depth, and conductivity. Support from the MiCorps VSMP program has helped assure the continuity of this work. Generous local donations have provided funds for college student internships. Fiduciary services from the Muskegon Conservation District are gratefully acknowledged. The WRWP is a 100% volunteer organization.

PROGRAM FAST FACTS

of Years Monitoring: ~10

Volunteers participating annually: ~10

Active Monitoring Sites:

Excellent Quality Sites: 1

Very Good Quality Sites: 8

Good Quality Sites: 2

Fair Quality Sites: 0

Fairly Poor Quality Sites: 0

Poor Quality Sites: 0

Very Poor Quality Sites: 0

Link to Monitoring Program:
whiteriverwp.org



RESULTS

Spring 2021

Carlton Creek at Skeels Road: CTN-4
WQR: Good
Comments: Stream low (1.5 feet) and clear

Cobmoosa Creek at Filmore Road: CC-1
WQR: Very good
Comments: Stream low (0.5 feet) and clear

Cobmoosa Creek at Pierce Road
WQR: Very good
Comments: Mussels present

Upper White River at 2 Mile Road
WQR: Very good
Comments: Average depth 1.8 feet; substrate features abundant gravel

Brayton Creek/Drain at Cleveland Road
WQR: Very good
Comments: Stream low (0.5 feet); crayfish abundant

North Branch White River at 176th Avenue:
NBR-1
WQR: Excellent
Comments: Stream low (0.5 feet); gravel abundant; erosion from road approaches reaching creek in substantial amounts

Fall 2021

Carlton Creek at Roosevelt Road: CTN-3
WQR: Very good
Comments: Stream low (0.75 feet)

Carlton Creek at Winston Road: CTN-2
WQR: Good
Comments: Average water depth 1 foot

Carlton Creek at Arthur Road: CTN-1
WQR: Very good
Comments: Average water depth 0.5 feet

Cobmoosa Creek at Johnson Road
WQR: Very good
Comments: Average water depth 1.5 feet

Cobmoosa Creek at Baseline Road
WQR: Very good
Comments: Average water depth 0.7 feet