

MiCorps Volunteer Stream Monitoring Program Monitoring Fact Sheet



Organization Name: ODC Network for the Macatawa Area Coordinating Council

Monitoring Program Name: Macatawa Watershed Volunteer Stream Monitoring

Watersheds Monitored: Macatawa

County(ies): Allegan and Ottawa

Program Manager: Kelly Goward, kelly@outdoordiscovery.org

Fact Sheet Updated: January 2022



PROGRAM DESCRIPTION:

We have conducted volunteer stream monitoring at seven (7) locations in the Macatawa Watershed since the fall of 2012. The program has been managed by the Macatawa Area Coordinating Council in partnership with the ODC Network. In the fall of 2021, program management was transferred completely to the ODC Network. We also switched to the new Water Quality Rating system in the fall of 2021. All data collected from fall of 2012 through spring of 2021 followed the previous Stream Quality Score (SQS) system. Based on data collected in the SQS system, scores at three of the seven monitoring locations were increasing while the other four sites were decreasing; however, these trends were not statistically significant.

PROGRAM FAST FACTS

of Years Monitoring: 10

Volunteers participating annually: 10

Active Monitoring Sites: 7

Excellent Quality Sites:

Very Good Quality Sites:

Good Quality Sites: 1

Fair Quality Sites: 4

Fairly Poor Quality Sites: 2

Poor Quality Sites:

Very Poor Quality Sites:

Link to Monitoring Program: <http://www.the-macc.org/water-quality-monitoring/>

Link to Quality Assurance Plan: <http://www.the-macc.org/water-quality-monitoring/>



RESULTS

Spring 2021

MACC-1, 42.804715, -86.142747
SQS: 27 (Fair)
Comments: water deep, mucky sediment
Pine Creek, direct tributary to Lake Macatwa

MACC-2, 42.798003, -86.049477
SQS: 26 (Fair)
Comments:
Noordeloos Creek at Paw Paw Park

MACC-3, 42.804474, -85.978854
SQS: 27 (Fair)
Comments:
Upper Macatawa River at the Upper
Macatawa Natural Area

MACC-4, 42.781722, -86.001344
SQS: 29 (Fair)
Comments:
Peters Creek at Poppen Woods
Recent streambank stabilization project

MACC-5, 42.760768, -85.997873
SQS: 32 (Fair)
Comments:
South Branch at Winding Creek Golf Course

MACC-6, 42.784151, -86.037402
SQS: 30 (Fair)
Comments:
Macatawa River at Adams Street Landing

MACC-7, 42.779868, -86.060470
SQS: 35 (Good)
Comments:
North Branch at Van Raalte Farm Park

Fall 2021

MACC-1, 42.804715, -86.142747
WQR: 5.48 (Good)
Comments: water deep, mucky sediment
Pine Creek, direct tributary to Lake Macatwa

MACC-2, 42.798003, -86.049477
WQR: 6.24 (Fair)
Comments:
Noordeloos Creek at Paw Paw Park
Invasive Asian clam present

MACC-3, 42.804474, -85.978854
WQR: 6.8 (Fairly poor)
Comments:
Upper Macatawa River at the Upper
Macatawa Natural Area

MACC-4, 42.781722, -86.001344
WQR: 5.67 (Fair)
Comments:
Peters Creek at Poppen Woods

MACC-5, 42.760768, -85.997873
WQR: 5.96 (Fair)
Comments:
South Branch at Winding Creek Golf Course

MACC-6, 42.784151, -86.037402
WQR: 7 (Fairly poor)
Comments:
Macatawa River at Adams Street Landing

MACC-7, 42.779868, -86.060470
WQR: 5.85 (Fair)
Comments:
North Branch at Van Raalte Farm Park