

## MiCorps Volunteer Stream Monitoring Program Monitoring Fact Sheet



**Organization Name:** Friends of the Rouge

**Monitoring Program Name:** Benthic Macroinvertebrate Monitoring

**Watersheds Monitored:** Rouge River

**County(ies):** Oakland, Washtenaw, Wayne

**Program Manager:** Sally Petrella, [spetrella@therouge.org](mailto:spetrella@therouge.org), 734-927-4904

**Fact Sheet Updated:** 11/29/21

**Friends  
of the ROUGE**

### PROGRAM DESCRIPTION:

Friends of the Rouge (FOTR) has been engaging volunteers in collecting data on benthic macroinvertebrates at wadeable sites on the Rouge River and its tributaries since 1998. The goals of the program are to collect data used to track the restoration of the Rouge River and to train and inspire residents to become watershed stewards. Most of the monitoring is accomplished during three large annual events: a spring and fall bug hunt and a winter stonefly search, where trained team leaders lead teams of volunteers to sample two sites. Additional data is collected by Wayne County, FOTR staff and volunteers. Specimens are collected and preserved and identified in the lab. A summary report is made available after each event. The program regularly attracts 140 volunteers who collect data on 30-60 sites. The data is used to screen for problems and to assess restoration project success and need. Volunteers are trained to recognize and report illicit discharges and many have discovered serious problems at sites that otherwise may have never been addressed.

### PROGRAM FAST FACTS

**# of Years Monitoring:** 23

**# Volunteers participating annually:** 140

**# Active Monitoring Sites:**

**# Excellent Quality Sites:** 0

**# Very Good Quality Sites:** 1

**# Good Quality Sites:** 17

**# Fair Quality Sites:** 11

**# Fairly Poor Quality Sites:** 2

**# Poor Quality Sites:** 2

**# Very Poor Quality Sites:** 3

**Link to Monitoring Program:**

<http://therouge.org/bug-hunts/>

**Link to Quality Assurance Plan:**

[https://drive.google.com/file/d/1kFx35fWKx5mmSyw2Ry\\_WbCldvpv6Avou/view?usp=sharing](https://drive.google.com/file/d/1kFx35fWKx5mmSyw2Ry_WbCldvpv6Avou/view?usp=sharing)



# RESULTS

Fall 2021

Fowl1: 42.30423, -83.60516  
WQR: 5.37 good  
Comments:  
Site is lower than past years

Low2: 42.30724, -83.53793  
WQR: 5.77 fair  
Comments:  
Site is stable despite major development all around in last few years

Evan2: 42.472955, -83.247905  
WQR: 6.1 fair  
Comments:  
Site is lower than past years

Sprag: 42.6159714, -83.1920726  
WQR: 4.19 very good  
Comments:  
The highest site this fall in the WQR system; Johnson Creek sites were higher in SQL system

Main5: 42.52219, -83.24692  
WQR: 5.23 good  
Comments:  
Higher score than usual

John2: 42.3938201, -83.5342002  
WQR: 5.66 fair  
Comments:  
Lower than usual

MR-20: 42.411952, -83.471703  
WQR: 5.6 fair  
Comments:

Wall2: 42.46732, -83.46623  
WQR: 5.59 fair  
Comments:

Bish2: 42.47131, -83.45151  
WQR: 4.67 good  
Comments: stable

John5: 42.4224, -83.49289  
WQR: 4.91 good  
Comments:

Ton2: 42.35809, -83.46507  
WQR: 5.5 good  
Comments:  
improving

Up2: 42.4632161, -83.3682334  
WQR: 7 fairly poor  
Comments:  
declining