

MiCorps Volunteer Stream Monitoring Program Monitoring Fact Sheet



Organization Name: Flint River Watershed Coalition

Monitoring Program Name: Water Quality Monitoring/Winter Stonefly Collection

Watersheds Monitored: Flint River

County(ies): Genesee and Lapeer

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Fact Sheet Updated: 1/31/22



PROGRAM DESCRIPTION:

The Flint River Watershed Coalition's volunteer water monitoring program was established in August of 1998 and became a member of the MiCorps Volunteer Monitoring Program in 2010. Currently up to 35 sites are monitored every fall and spring in Genesee and Lapeer counties. To assist with our vision of a healthy, vibrant, active Flint River, one of the region's most valuable natural resources, the FRWC Monitoring Committee has expanded our focus to include the introduction of a Winter Stonefly Catch in 2021. The Winter Stonefly Catch was initially held at Swartz Creek Headwaters, with plans to expand to multiple sites by 2025.

PROGRAM FAST FACTS

of Years Monitoring: 23

Volunteers participating annually: 35

Active Monitoring Sites: 25

Excellent Quality Sites: 4

Very Good Quality Sites:

Good Quality Sites: 8

Fair Quality Sites: 11

Fairly Poor Quality Sites:

Poor Quality Sites: 2

Very Poor Quality Sites:

Link to Monitoring Program: <https://flinriver.org/programs/water-monitoring/>

(Our website is in the process of a complete redesign)

Link to Monitoring Map:

<https://www.google.com/maps/d/u/0/edit?mid=1Ovm0K8OJ0w40eYPBurlZalkgPOU&usp=sharing>

Link to Quality Assurance Plan:

<https://docs.google.com/document/d/14s5Ppvt2QBBPVTB-jYOxsJl4HCOWRHtj/edit?usp=sharing&ouid=101037520492388265569&rtpof=true&sd=true>



RESULTS

Spring 2021

<p>Flint River, Flushing 43.12303, -83.86709 WQR: 54.4 (Excellent) Comments This is the downstream Flint River monitoring site. :</p>
<p>Swartz Creek Golf Course 42.99705, -83.70857 WQR: 26.8 (Fair) Comments: Drop from 31.7 in Fall 2020, suspect that high water made some habitats inaccessible</p>
<p>Springbank Creek 42.9321, -83.41775 WQR: 50 (Excellent) Comments: Lapeer site</p>
<p>Kearsley Creek For-Mar 43.03748, -83.6051 WQR: 27.3 (Fair) Comments: Consistent higher water levels over last 3 years are suspected to have adversely affected scores at this site.</p>
<p>Butternut Creek 43.12111, -83.59611 WQR: 64.7 (Excellent) Comments: More experienced monitors were assigned this site for fall 2021 after an extremely low score in fall 2020. Monitors from fall 2020 attended spring training to refresh protocols.</p>
<p>Hunter's Creek 43.02896, -83.31606 WQR: 15.6 (Poor) Comments: Lapeer site. Scores dropped between spring 2020 and spring 2021 before rebounding back to previous range.</p>
<p>Flint River, Stepping Stone Falls East 43.07946, -83.65067 WQR: 31.1 (Fair) Comments: 2nd time monitoring this site, this is just below Mott Lake. Site introduced in fall 2020</p>
<p>Swartz Creek, Confluence 43.01353, -83.69846 WQR: 30.4 (Fair) Comments: 1st season monitoring here. This site is upstream of the confluence where the Swartz Creek joins the Flint River.</p>

Fall 2021

<p>Flint River, Flushing 43.12303, -83.86709 WQR: ND (No Data collected) Comments: Due to unsafe water conditions, most monitoring sites were not able to be safely moitored during the fall 2021 season</p>
<p>Swartz Creek Golf Course 42.99705, -83.70857 WQR: ND (No Data collected) Comments: Due to unsafe water conditions, most monitoring sites were not able to be safely moitored during the fall 2021 season</p>
<p>Springbank Creek 42.9321, -83.41775 WQR: 45.9 (Good) Comments:</p>
<p>Kearsley Creek For-Mar 43.03748, -83.6051 WQR: ND (No Data collected) Comments: Due to unsafe water conditions, most monitoring sites were not able to be safely moitored during the fall 2021 season</p>
<p>Butternut Creek 43.12111, -83.59611 WQR: ND (No Data collected) Comments: Due to unsafe water conditions, most monitoring sites were not able to be safely moitored during the fall 2021 season</p>
<p>Hunter's Creek 43.02896, -83.31606 WQR: 28.8 (Fair) Comments: Suspected change to monitoring score due to nearby construction that finished prior to fall 2021 season.</p>
<p>Flint River, Stepping Stone Falls East 43.07946, -83.65067 WQR: ND (No Data collected) Comments: Due to unsafe water conditions, most monitoring sites were not able to be safely moitored during the fall 2021 season</p>
<p>Swartz Creek, Confluence 43.01353, -83.69846 WQR: ND (No Data collected) Comments: Due to unsafe water conditions, most monitoring sites were not able to be safely moitored during the fall 2021 season</p>