



Biological Data

Lower Grand River Organization of Watersheds

Data Repository

Biological User Guide

Introduction

The following user guide is intended to walk you through a step-by-step navigation of the Data Repository. The Data Repository is an open-source archive for water quality data from sample sites throughout the Lower Grand River Watershed. It was developed in collaboration by Grand Valley Metropolitan Council's (GVMC) Environmental Programs and Regional Geographic Information Systems (REGIS) departments. Information gathered from sampling sites includes chemical and biological parameters associated with Total Maximum Daily Loads (TMDLs) and Water Quality Standards (WQS).

Important Note

Drop downs may not appear depending on the web browser you are using. We recommend using Google Chrome with this application.

All questions with a red star are required for submittal.

Submitting Biological Data

Name of Organization/s:

Type the name of the organization you are collecting data for.

Ex. Grand Valley Metropolitan Council

Name of Sampler:

Type the name of the person who collected the samples.

Ex. First and Last Name of collector

Address of Organization:

Type the address of the organization you are collecting data for.

Ex. 678 Front Ave NW # 200, Grand Rapids, MI 49504

Collection Date:

Select the date from the calendar when you collected the data.

Collection Date:*

< December >						
< 2022 >						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Watershed Name & HUC Code:

Use the drop down to select the Watershed and HUC code that you conducted your sampling in.

Watershed Name & HUC Code:*

-Please select-

- Bass River 04050006-0706; -0707
- Bear Creek 40500060501
- Bellemy Creek 40500060309
- Buck Creek 4050006-0510; -0508

Parameter (Select All That Apply):

Select one or multiple of the following parameters that apply to your sampling event.

Parameter (Select All That Apply): *

- Fish
- Habitat
- Macroinvertebrate

Project Background (Optional):

This is an optional text box to allow more information on the project background.

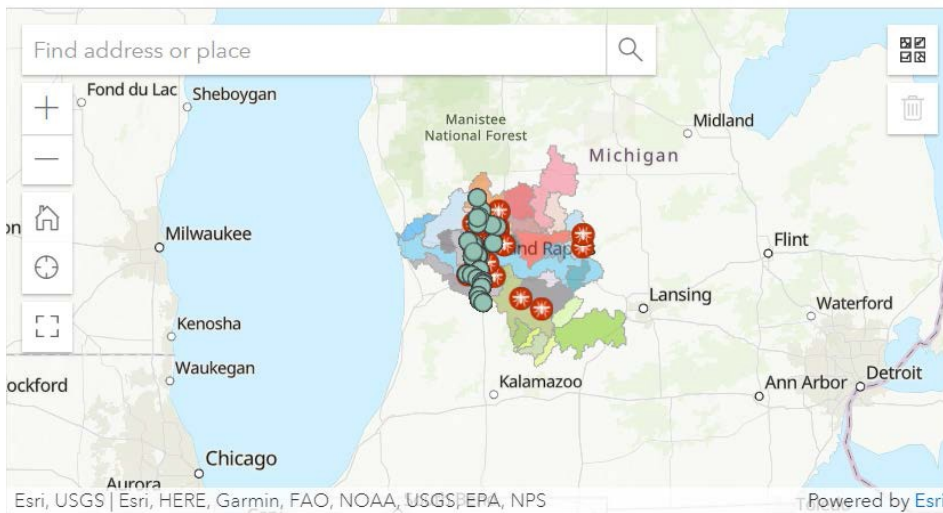
Ex. Research, annual water quality monitoring events, biannual macro surveys

Location

Using the map tool either type in your sampling address or toggle on the map to pinpoint your location where the sample was taken.

Location*

Latitude & Longitude



Waterbody

Type the name of the waterbody the sample was collected from.

Ex. Ex. Grand River, Crockery Lake, Nash Creek

Method

Using the drop down select one of the methods that was used when collecting the data. If other, please enter the method used in the box labeled "Other" either on the side or below the tab.

Method*

- MiCorp
- P-51
- Electro Fishing
- EPA Habitat Bio Rapid Assessment

Method Score (Number)

Type the number results from the sample.

Ex. 7

Method Score (Number)*

Score Interpretation

Type in the description of the method score and how it relates to water quality.

Ex. Good water quality, poor fish community, moderate habitat

Temperature (Fahrenheit)

Type the temperature of the water sampled.

Ex. 45

Collection Gear

Select one from the drop-down menu the gear that was used for collection. If other, please enter the collection gear in the box labeled "Other" either on the side or below the tab.

Collection Gear*

- Kick Net
- Drift Net
- Seine
- Backpack Electrofishing Unit

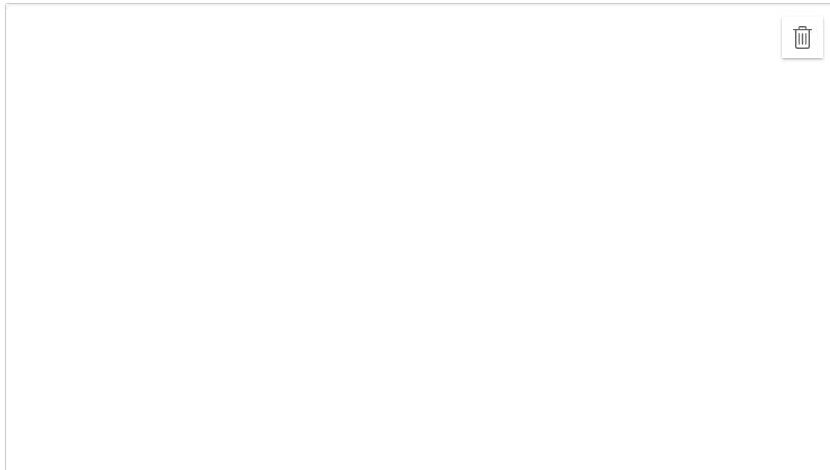
Notes

This is an optional text box to add notes from the sampling event.

Signature

Sign with your cursor verifying the collection data.

Signature*

A large, empty rectangular box with a thin black border, intended for a signature. In the top right corner of the box, there is a small, light gray trash can icon.

Click 'Submit' to submit the data. The data will automatically appear on the Data Repository.