



Chemical Data

Lower Grand River Organization of Watersheds

Data Repository

Chemical 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.

The chemical survey allows data for up to 6 parameters per submittal. The first section of parameter questions is required, but the other 5 parameter questions are not required. If you have more data for one site, please fill out a second chemical survey.

Submitting Chemical 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

Project Background (Optional):

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

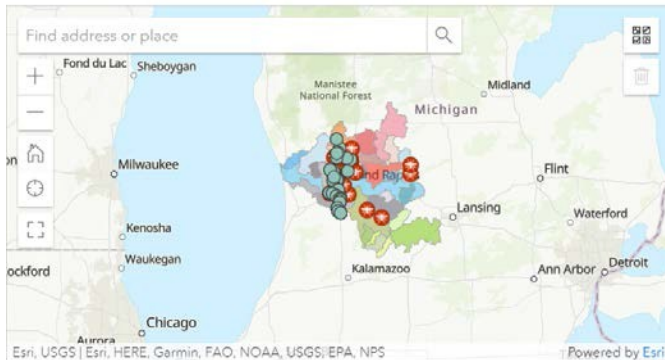
Ex. Research, annual water quality monitoring events, biannual macro surveys

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. Grand River, Crockery Lake, Nash Creek

Collection Method

Using the drop down select one of the methods that was used when collecting the data.

If other, please enter the collection method in the box labeled "Other" either on the side or below the tab.

Collection Method*

-Please select-

- Probe
- Water Sample
- Other

Other

Parameter

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

Parameter*

-Please select- ▼

- Ammonia
- BOD-5
- Chloride (T)
- Conductivity
- ...

Other ▼

Sample Reading

Type in the description of the sample reading and how it relates to water quality.

Ex. The number test results from above

Unit of Measurement

Type the unit of measurement that was used when collecting the data. If using pH please type N/A.

Ex. mg/L, ppm, us/cm etc

Test Method

If a sample was analyzed in a lab, please list the method used by the lab to analyze the sample.

Ex. USEPA Method 365.1 Rev 2.0, USEPA Method 350.1 Rev. 2.0, USEPA 4500 (1993) Ion Chromatography.

Minimum Detection Level (MDL) Text

Please list the minimum detection level for the test method listed above.

Ex. 0.05 ppm, 0.1 mg/l

Temperature (Fahrenheit)

Type the temperature of the water sampled.

Ex. 45

Laboratory

If the sample was analyzed by a lab, please list the name of the laboratory here.

Ex. AWRI, Prein & Newhof, Pace Analytical

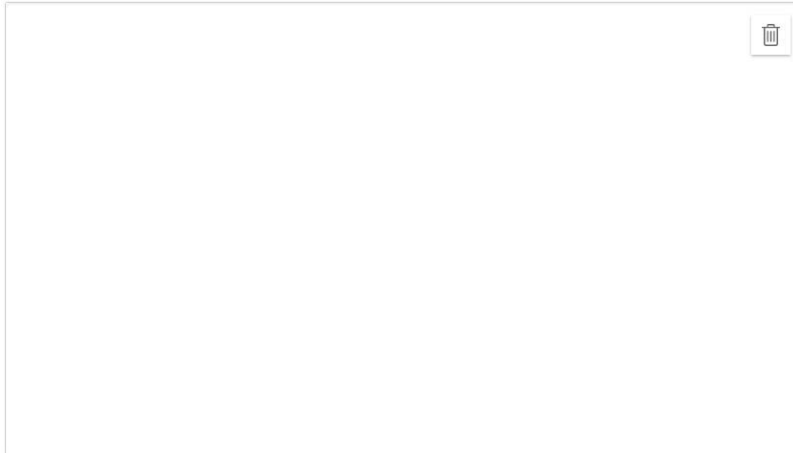
Notes

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

Signature (By signing, I verify the information collected to be true.)

Sign with your cursor verifying the collection data.

Signature*

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

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