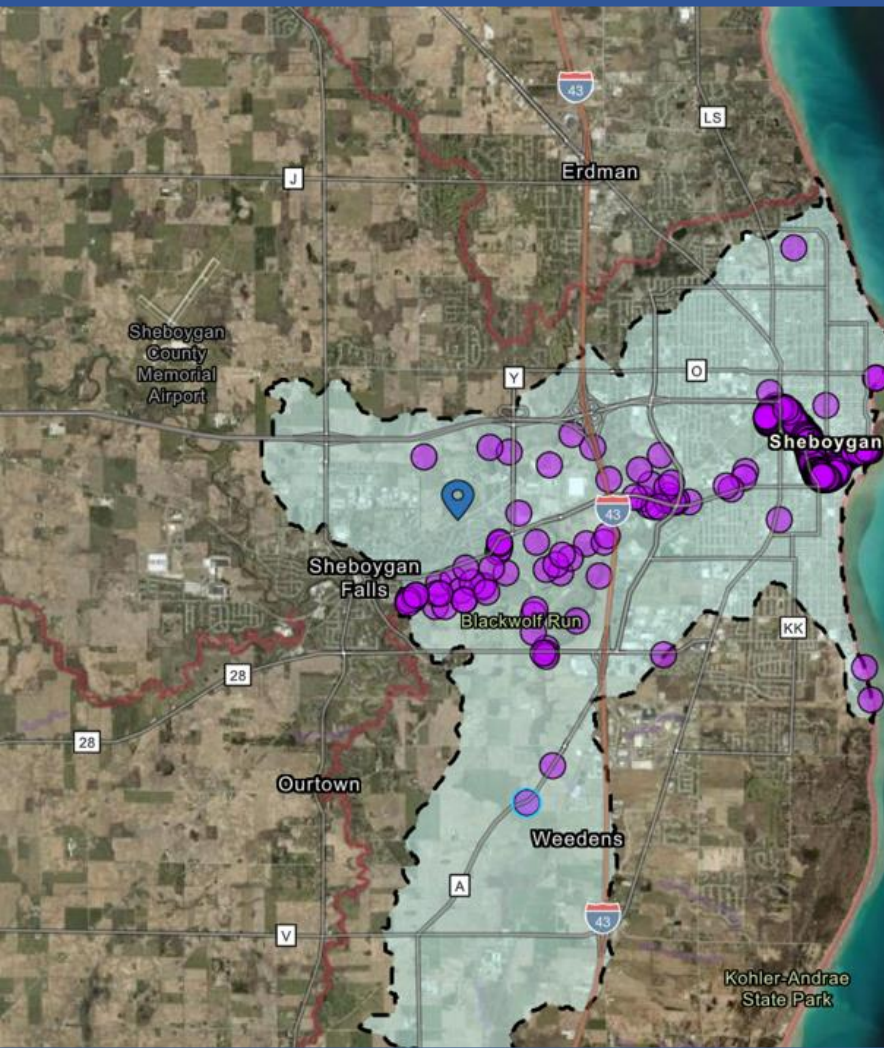


# What's New with How's My Waterway



Zoom to  
Weedens Creek - Upstream of CTHY A

**Past Water Conditions**

Organization Name: Wisconsin Department of Natural Resources

Location Name: Weedens Creek - Upstream of CTHY A

Water Type: River/Stream

Latitude/Longitude: 43.69432, -87.77714

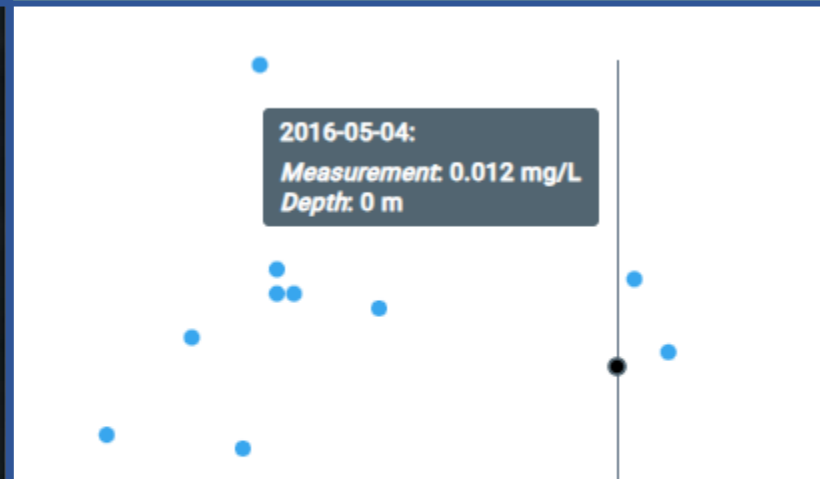
Organization ID: WIDNR\_WQX

Monitoring Site ID: WIDNR\_WQX-10031564

Monitoring Samples: 9 (all time)

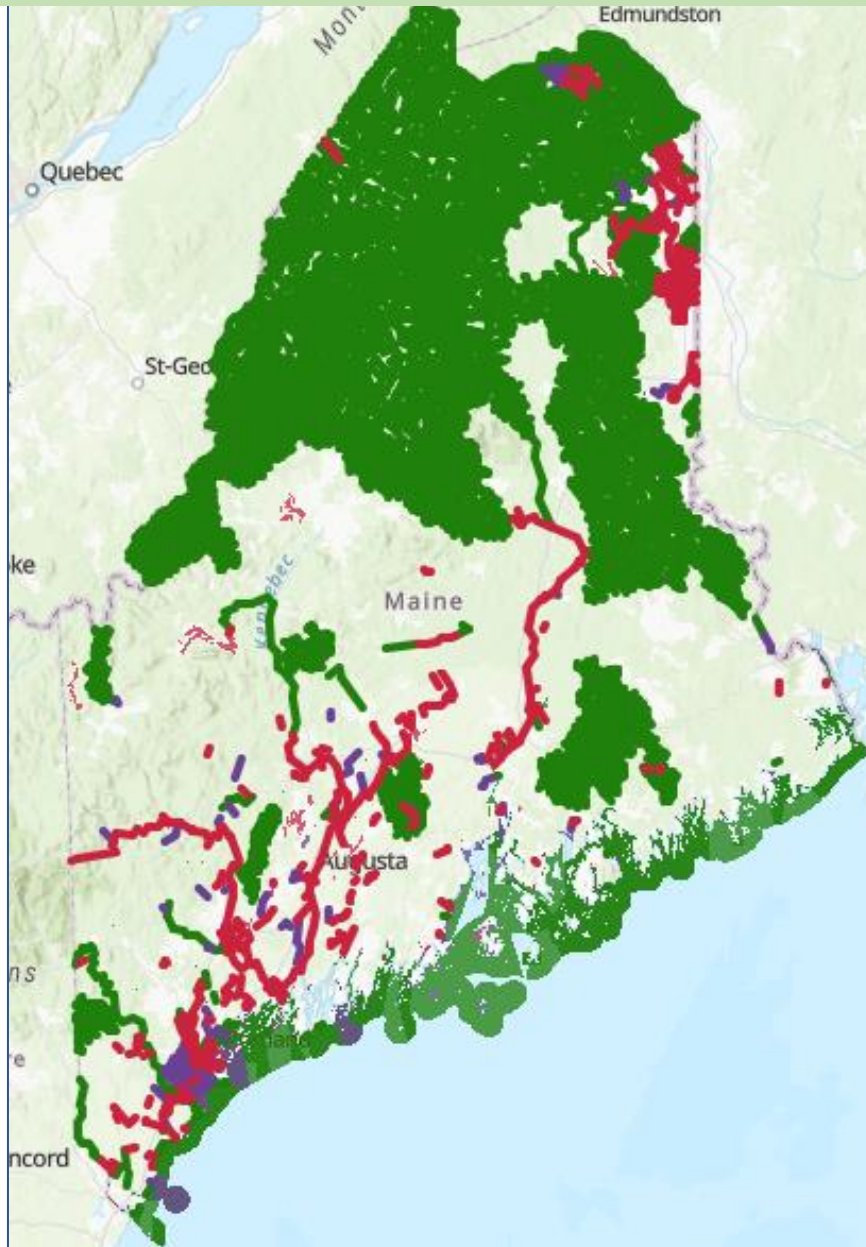
Monitoring Measurements: 87 (1875 - 2023)

<input checked="" type="checkbox"/> Characteristic Group	<input checked="" type="checkbox"/> Number of Measurements
<input checked="" type="checkbox"/> Other	62
<input checked="" type="checkbox"/> Nutrients	4
<input checked="" type="checkbox"/> Pesticides	1
<input checked="" type="checkbox"/> Metals	9
<input checked="" type="checkbox"/> Physical	11



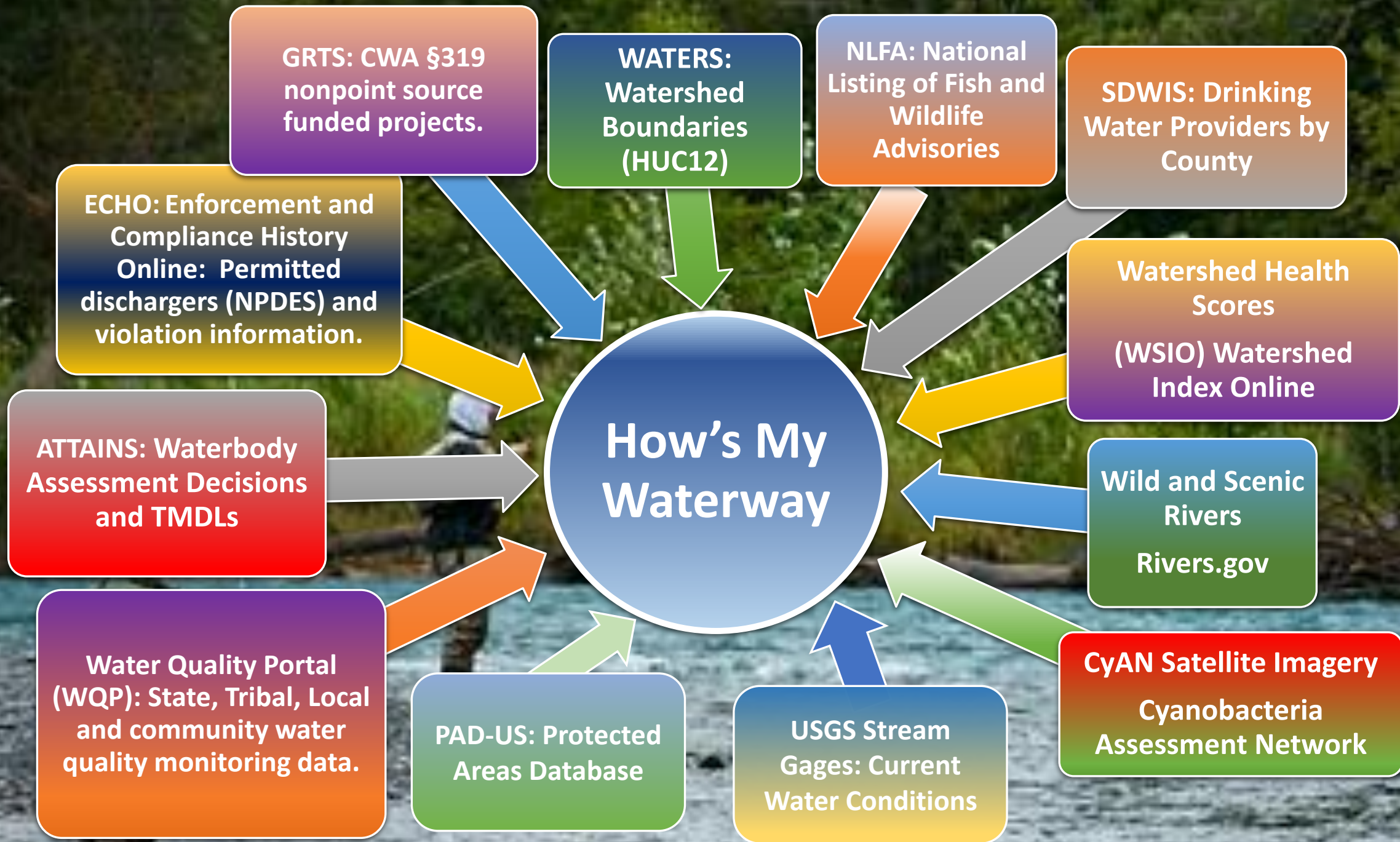
Kiki Schneider, US EPA Office of Water

# About How's My Waterway



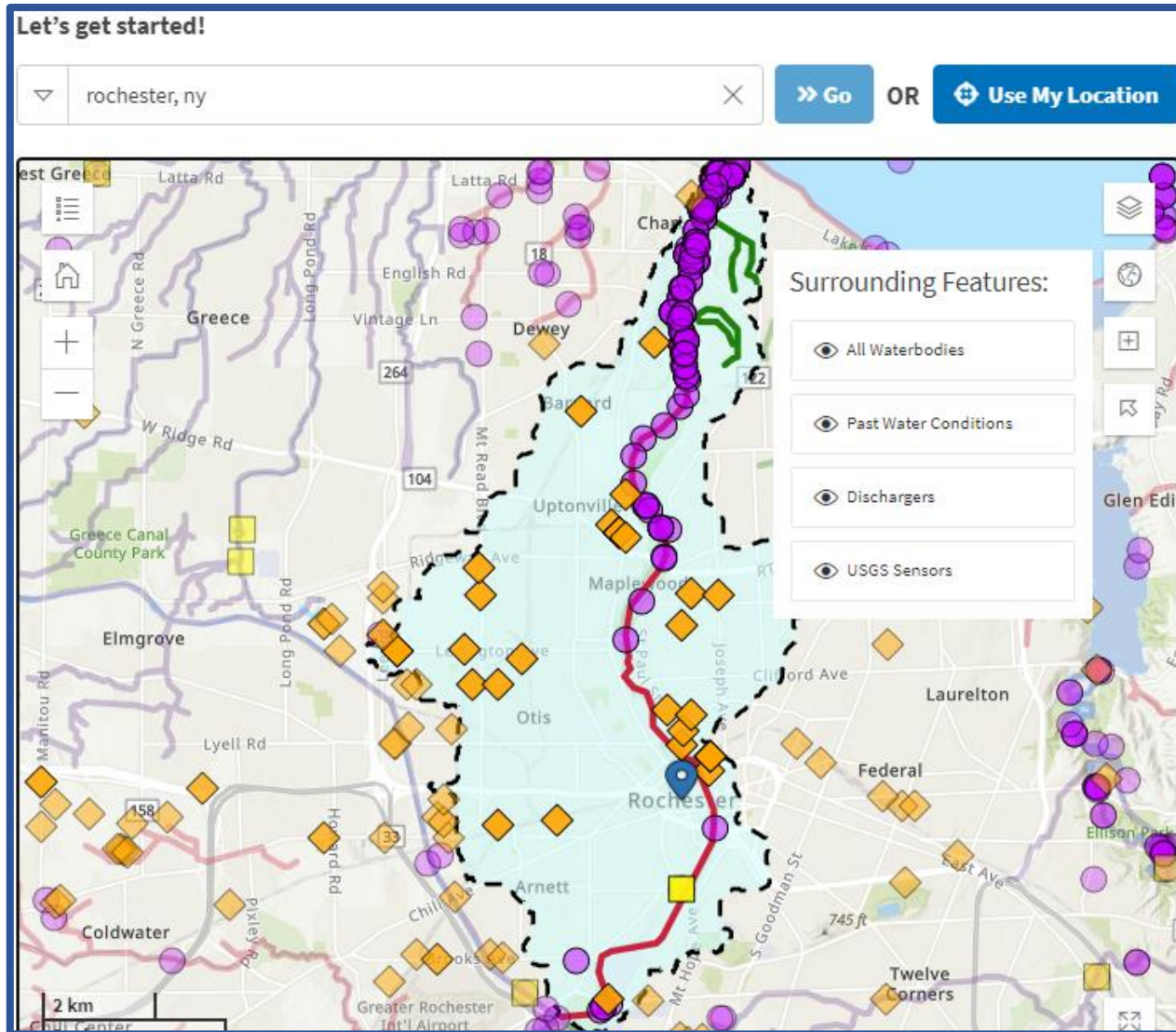
How's My Waterway is....

- A map-centric tool that allows anyone to learn about their water quality
- Gives an overall picture of water quality on 3 levels: National, State & Tribal and Community
- Contains water data from 12 different databases at EPA and other government agencies pulled in through APIs.
- Inspires others to take action to restore and protect their waterways
- Communicates progress the states, territories, tribes and EPA are making towards restoring or protecting water quality



# What's New with How's My Waterway

## Surrounding Features Widget



The surrounding features widget, located on the map provides the ability to turn on several layers outside of your selected watershed and view on the map extent.

### **This includes:**

- USGS Stream Gages
- Permitted Dischargers
- Assessed Waterbodies
- Monitoring Locations from the Water Quality Portal

# What's New with How's My Waterway

## Portable Map Widget

The screenshot shows the How's My Waterway web application interface. On the left is a 'Layers' panel with the following items: Search Location, Dischargers, USGS Sensors, Past Water Conditions, Waterbodies, Boundaries, and All Waterbodies. At the bottom left is an 'Add' button. The main map area displays a map of the Potomac River region with various colored overlays. A popup window is open over the map, titled 'All Waterbodies Areas: POTOMAC DC (ID: DCPMS00E\_02)'. The popup contains a table with the following data:

Organization Name	District of Columbia
Reporting Cycle	2020
Assessment Unit Identifier	DCPMS00E_02
Assessment JoinKey	{F986C4B4-1F65-0D95-E053-BCE44386BA2A}
Assessment Unit Name	POTOMAC DC
Waterbody Report Link	<a href="#">View</a>

At the bottom of the popup are buttons for 'Get directions' and 'Zoom to', and a page indicator '1 of 3'.

### Save and export your map:

The portal map widget provides the ability to export selected layers from How's My Waterway to your ArcGIS Online account, where you can create your own web map and add your own data.

The screenshot shows the 'Add & Save Data' dialog box. It has a blue header with the title and a close button. Below the header are four tabs: Search, URL, File, and Save. The 'Save' tab is selected and highlighted with a red circle. Below the tabs is a 'Filter' dropdown menu set to 'All'. A list of layers is shown with checkboxes and icons:

- All Waterbodies
- Boundaries
- Congressional Districts
- County
- CyAN Waterbodies
- Demographic Indicators
- Dischargers

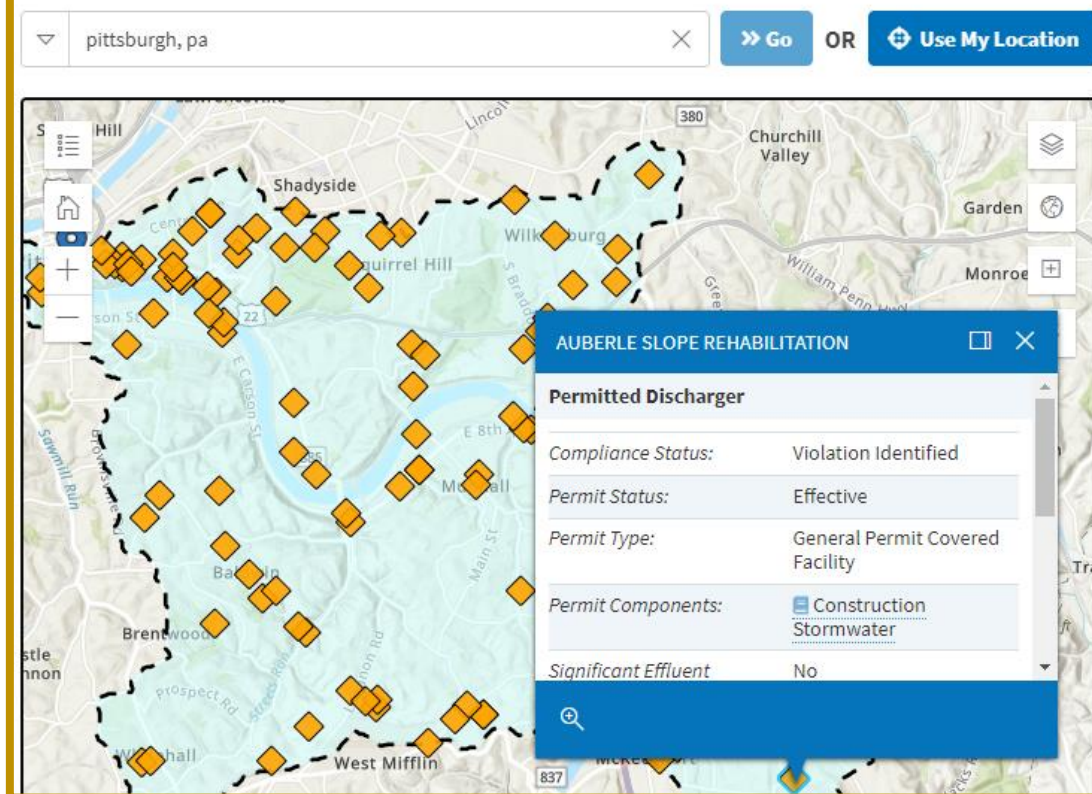
On the right side of the dialog, there is a vertical toolbar with several icons. One icon, a plus sign inside a square, is circled in red.

# What's New with How's My Waterway

## Permitted Dischargers

### New Features:

- Permitted dischargers now viewable in a list by watershed.
- Ability to filter the permitted dischargers by permit type (component).



Waterbodies | Monitoring Locations | **Permitted Dischargers**

◆ Permitted Dischargers

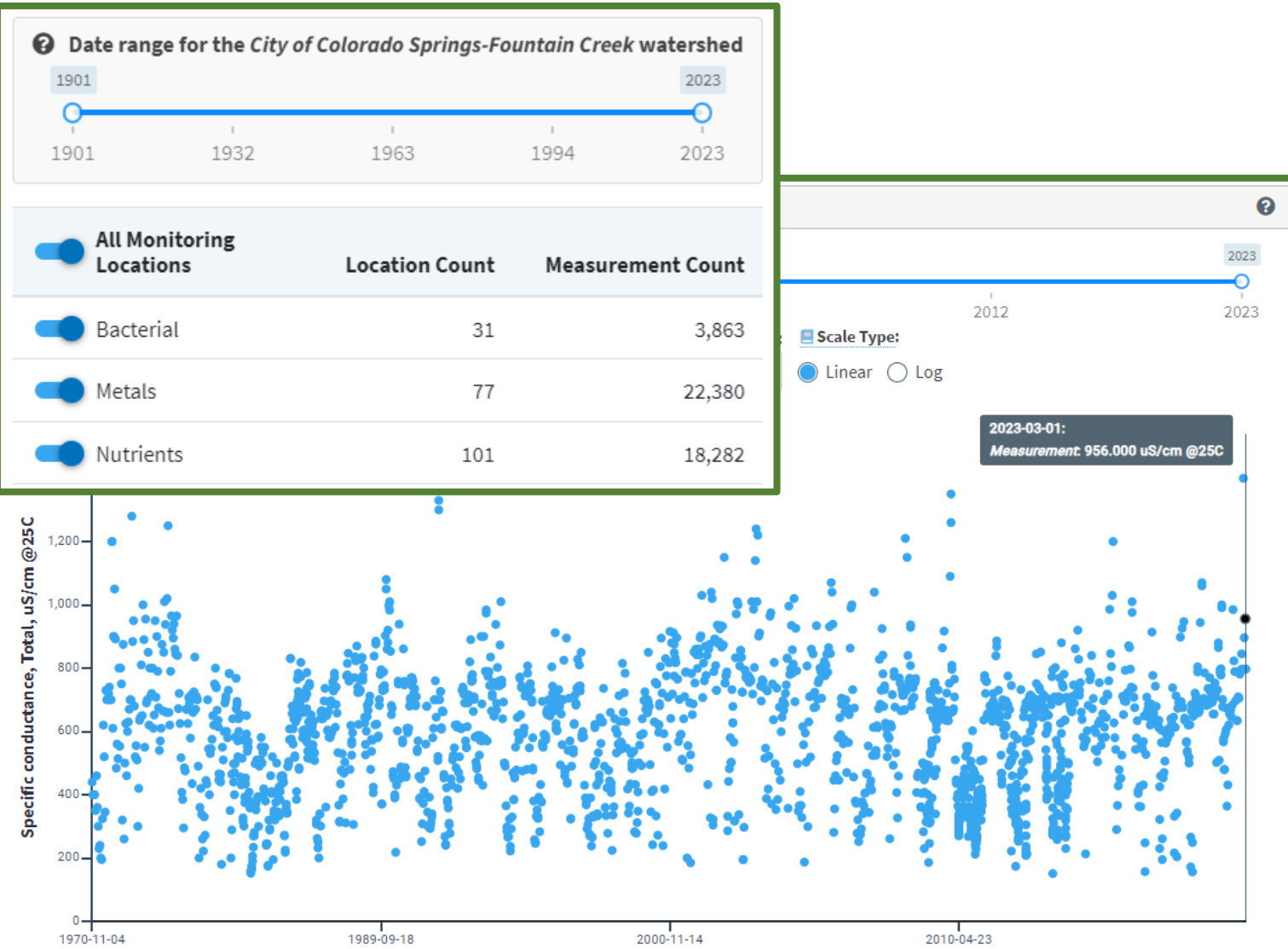
All Permit Components	Count
<input checked="" type="checkbox"/> CSO	1
<input checked="" type="checkbox"/> Construction Stormwater	78
<input checked="" type="checkbox"/> Industrial Stormwater	5
<input checked="" type="checkbox"/> POTW	2

**132 of 132** permitted dischargers in the *Streets Run-Monongahela River* watershed.

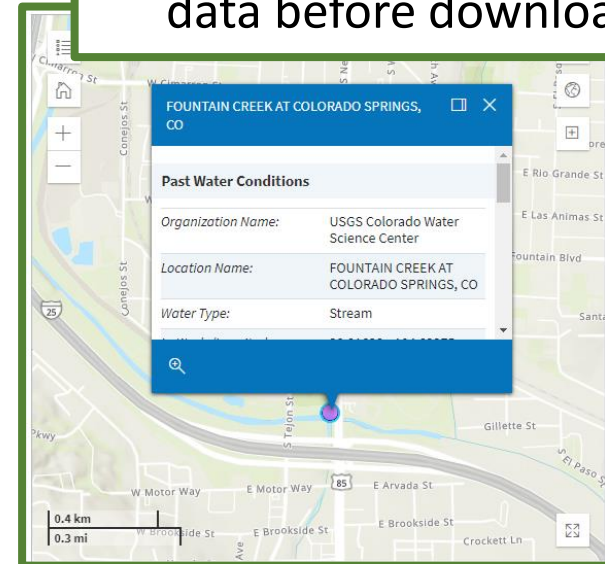
◆ <b>KEYWELL METALS</b> NPDES ID: PAG036124 Compliance Status: Significant/Category I Noncompliance Permit Components: Not Specified	>
◆ <b>1050 TALBOT AVENUE</b> NPDES ID: PAC020372 Compliance Status: Violation Identified Permit Components: Construction Stormwater	>
◆ <b>AUBERLE SLOPE REHABILITATION</b> NPDES ID: PAC020327 Compliance Status: Violation Identified Permit Components: Construction Stormwater	>

# What's New with How's My Waterway

## Monitoring Tab Enhancements

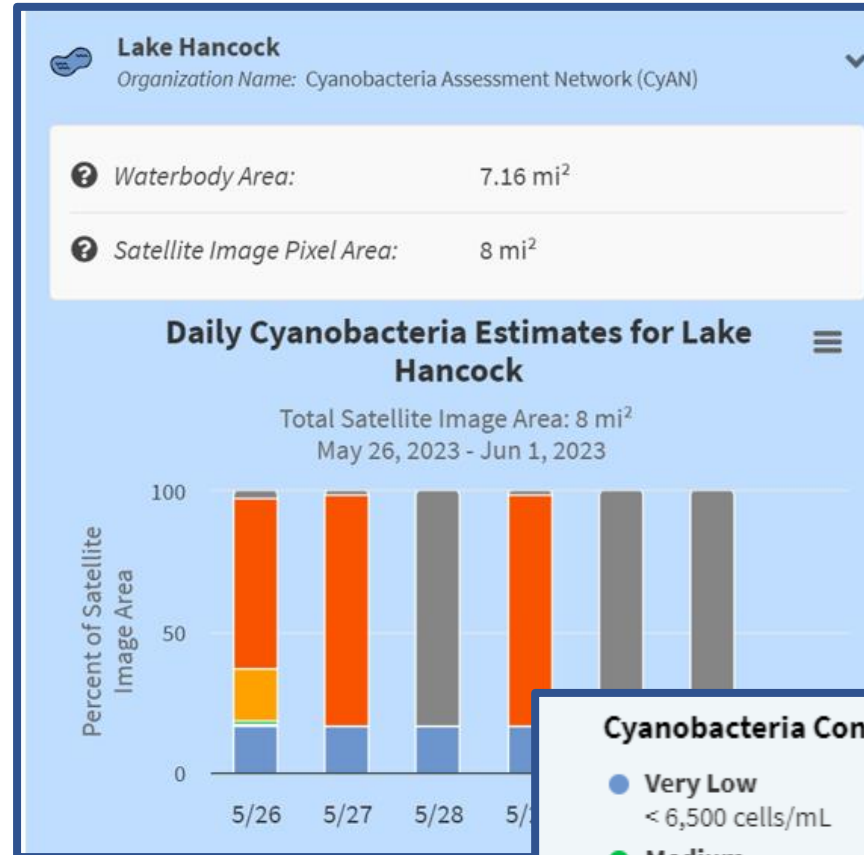
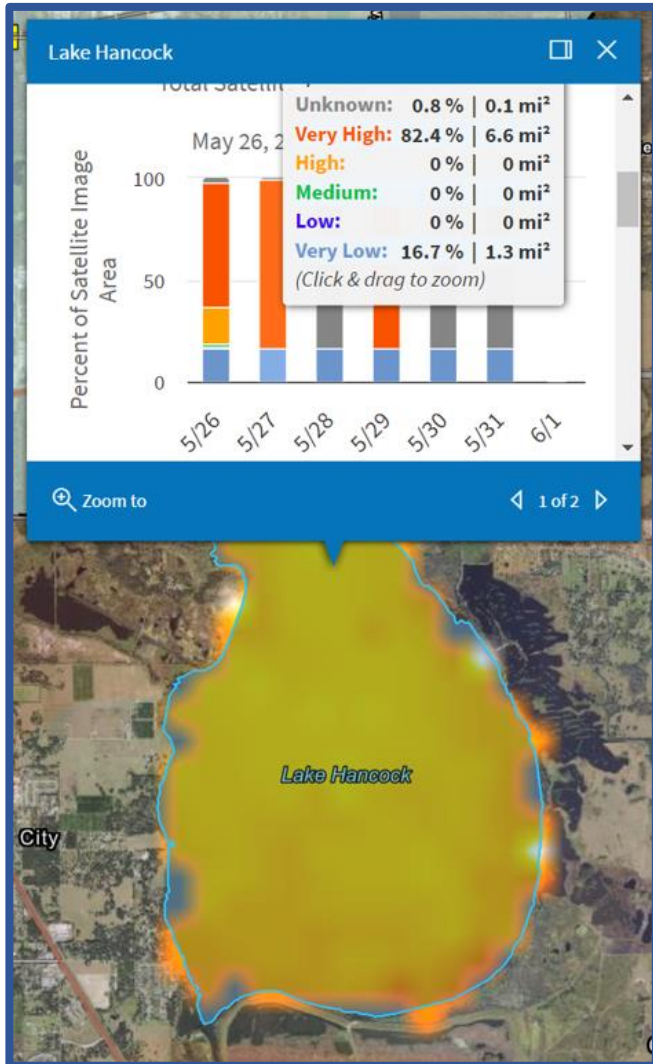


- New date slider that allows anyone to see the date range of all the data for the selected watershed.
- New monitoring report pages which include ways to dig deeper into the data, view it on a chart by characteristic group and filter the data before downloading.



# What's New with How's My Waterway

## Cyanobacteria (blue-green algae) Satellite Data



### CyAN Data:

- The Cyanobacteria Assessment Network (CyAN) data provides access to cyanobacterial bloom satellite data for over 2,000 of the largest lakes and reservoirs across the United States.
- Data is collected daily, and cyanobacteria estimates are shown for an entire week at a time. Cell concentration estimates are also shown for each separate day using a date slider.

### Cyanobacteria Concentration Categories:

- |   |   |
|---|---|
| ● <b>Very Low</b><br>< 6,500 cells/mL         | ● <b>Low</b><br>6,500 - 100,000 cells/mL      |
| ● <b>Medium</b><br>100,000 - 300,000 cells/mL | ● <b>High</b><br>300,000 - 1,000,000 cells/mL |
| ● <b>Very High</b><br>> 1,000,000 cells/mL    | ● <b>Unknown</b>                              |



# What's New with How's My Waterway

## Clean Water Act Section 319 Watershed Plans

Clean Water Act Section 319 Projects | Restoration Plans

Expand All

There are **19** EPA Funded grants under the [Clean Water Act Section 319](#) that benefit waterbodies in the *Meadow Creek-North River* watershed.

**DCR - Soil and Water Conservation Program Support (FFY19-FFY20-FFY21)**  
ID: 109798

**DCR - Soil and Water Conservation Programs Support**  
ID: 106420

**NPS Implementation - Residential Septic BMP Initiative (RSBI)**  
ID: 117098

**NPS Projects - TMDL Implementation Program**  
ID: 104733

*Impairments:* Sedimentation-Siltation, Phosphorus, Patho (Coliform), Nitrogen

[Total EPA Funds:](#) \$820,650

[Total Budget:](#) \$820,650

*Project Start Date:* 07/01/2018

*Project Status:* Accepted by EPA

*Project Details:* [Open Project Summary](#) (open)

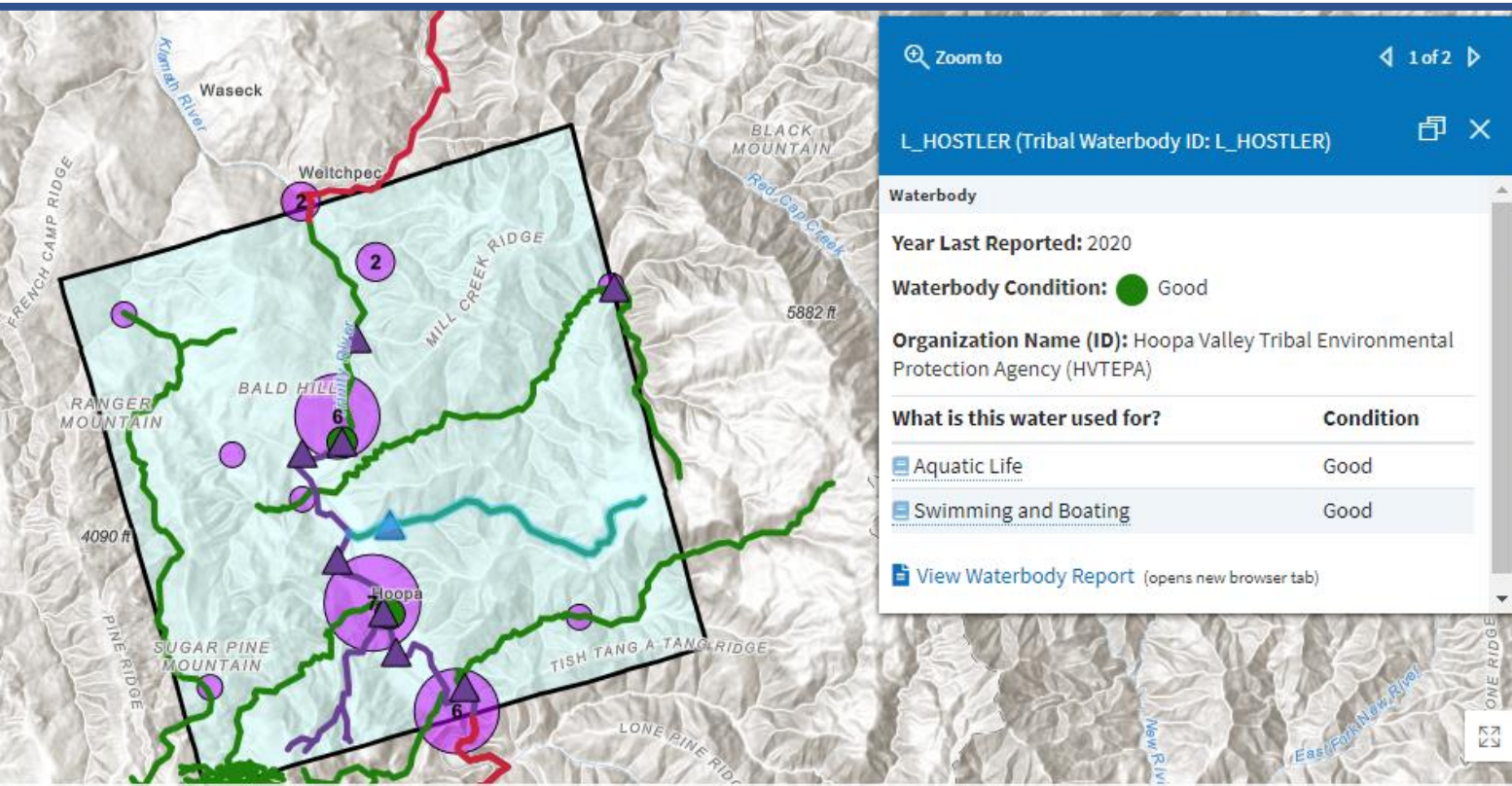
Watershed Plan	Watershed Plan Status
<a href="#">Clinch River and Cove Creek Watershed Implementation Plan</a>	Implementing Plan
<a href="#">Flat Cr, Nibbs Cr, Deep Cr and West Cr</a>	Implementing Plan
<a href="#">Little Dark Run and Robinson River IP</a>	Implementing Plan
<a href="#">Lower Banister River, Winn Creek, and Terrible Creek TMDL Implementation Plan</a>	Implementing Plan
<a href="#">Slate River and Rock Island Creek TMDL Implementation Plan</a>	Implementing Plan
<a href="#">Upper Goose Creek, Cromwells Run, and Little River TMDL Implementation Plan</a>	Implementing Plan

**New Watershed Plan Information:**  
The ability view Clean Water Act Section 319 Watershed Plans and associated documents on the Restore tab under Clean Water Act 319 Projects.

# What's New with How's My Waterway

## Tribal Pages

### Hoopa Valley Tribe, California Water Quality




- These pages inform tribal communities of water quality issues that can impact fishing, swimming, and other activities.
- They display the results of the first 18 Tribal program water quality assessments performed under the CWA 106 grant program and reported electronically to EPA. In addition, Tribal Monitoring Data is also shown on the map.
- With these pages, Tribal reports have been made available alongside state and territory-based assessments for the first time.

# What's New with How's My Waterway

## Educators Page

### Educators

 Educational Materials from How's My Waterway

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*Links below open in a new browser tab.*

**Lesson Plans**


- [How's My Waterway Middle School Lesson Plan](#)
- [How's My Waterway University Lesson Plan](#)

**Webinars**

- [How's My Waterway December 2020 Watershed Academy Webcast](#)
- [How's My Waterway January 2022 Watershed Academy Webcast](#)

**Other Materials**

- [How's My Waterway Fact Sheet](#)
- [How's My Waterway YouTube Intro Video](#)
- [How's My Waterway Widget Instructions](#)

 **If you're an educator, we would like to know how you're using *How's My Waterway***

Contact us [\(opens new browser tab\)](#) or email: [mywaterway@epa.gov](mailto:mywaterway@epa.gov)

<https://mywaterway.epa.gov/educators>

# How's My Waterway Information

- Contact us at: [mywaterway@epa.gov](mailto:mywaterway@epa.gov)
- Link to application: [mywaterway.epa.gov](https://mywaterway.epa.gov)
- Information about the data: <https://mywaterway.epa.gov/data>