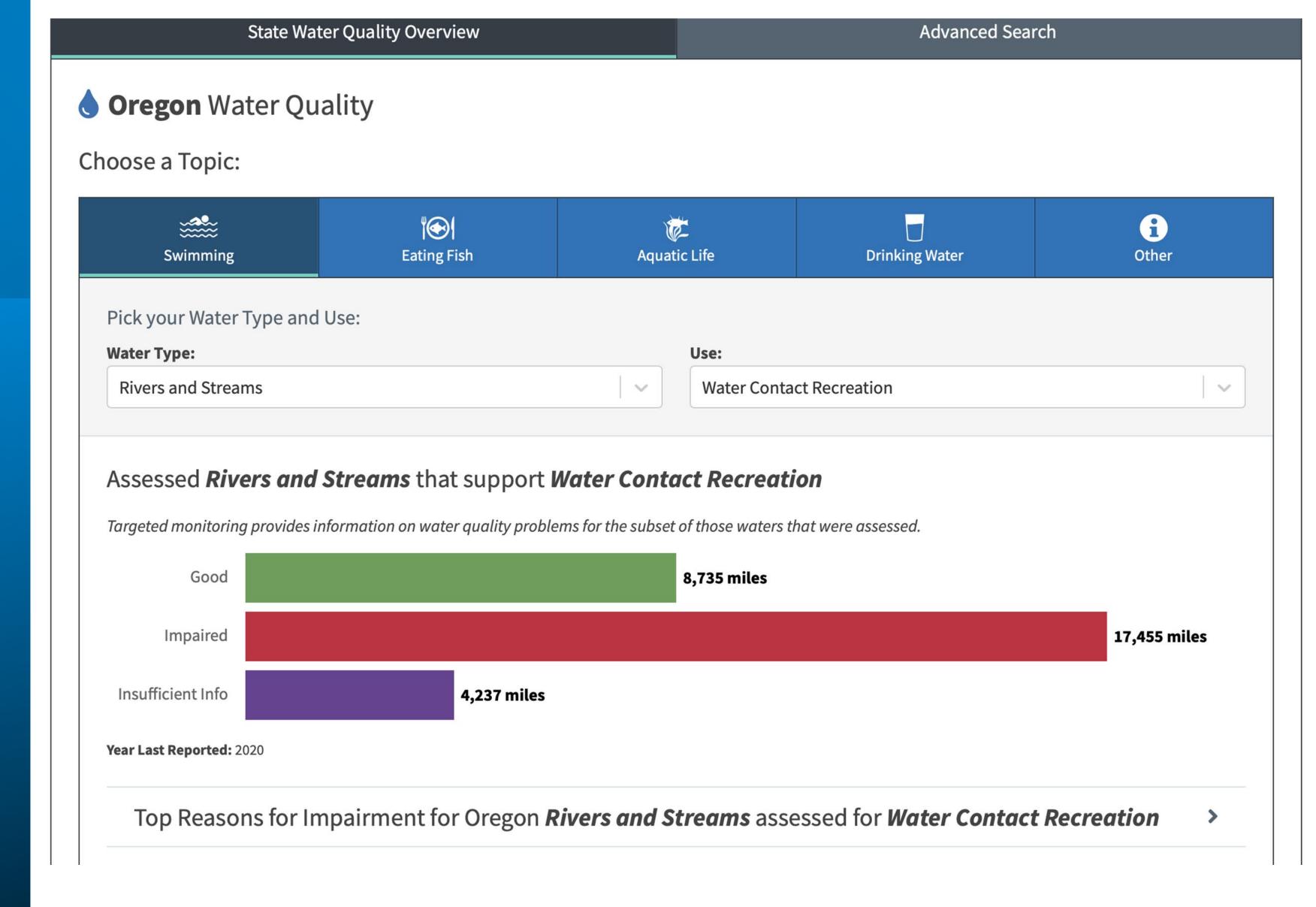


#### Available Data Tools

		Easy to Use	Need ATTAINS Login	Available Snapshots	Refresh Frequency	Available Scales
	How's My Waterway	Yes	No	Org Final and Later	Approximately Monthly with the Geospatial Service	HUC12, State, and Tribe
	ATTAINS Reports	Yes	Yes	All (If State/Tribal User)  Org Public Comment and Later (If EPA User)	Instantaneous (If State/Tribal User)  Instantaneous Upon Promotion (If EPA User)	State and Tribe
G	ATTAINS Services	Depends on Comfort with REST Services	No	Org Public Comment and Later	Instantaneous Upon Promotion	State and Tribe
	ATTAINS Geospatial Service	Depends on Comfort with GIS Software	No	Org Final and Later	Approximately Monthly	National
	Expert Query	Yes, but make sure you are interpreting results correctly	No	Org Final and Later	Weekly	National

## How many stream miles in Oregon are impaired for swimming use?

## Use How's My Waterway State Page



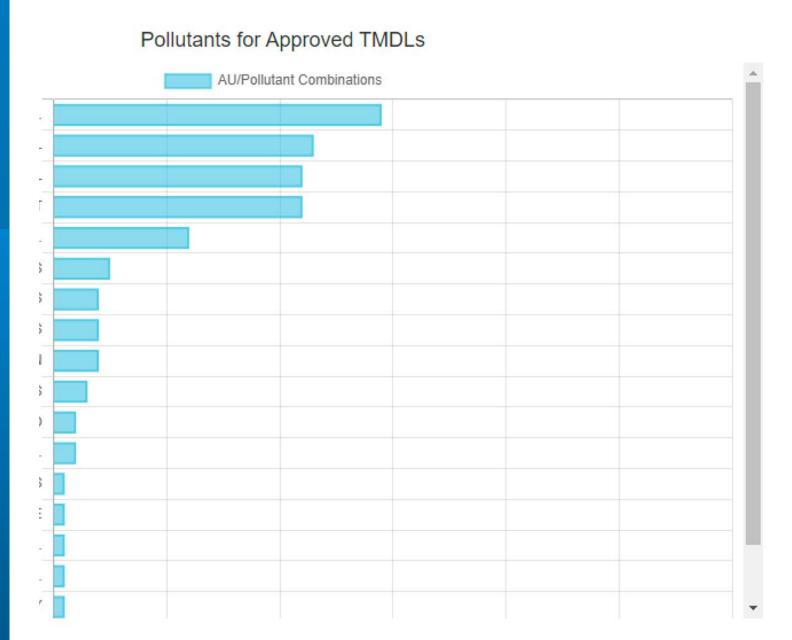
## Where are the waters in Oregon that are impaired for recreation use due to pathogens?

## Use How's My Waterway State Advanced Search

Use this page to find the condition of waterbodies in your state and whether there are plans in place to restore them. The filters below are to help narrow down your search. There are no required fields. Parameter Groups: Use Groups: X V Bacteria and Other Microbes X Recreation × Waterbody Names (IDs): ■ Watershed Names (HUC12): Select... Select... ■ Integrated Reporting (IR) Category: **Additional Filters:** All Waters Has TMDL **■** 303(d) Listed Impaired Waters (Category 5) Impaired (Category 4 and 5) Q Search **Display Waterbodies by:** Results: 657 items Bacteria and Other Microbes Helena Kenn ewick Idaho Falls

#### What are all the TMDLs in Maine?

## Use the Actions Report in ATTAINS



#### Pollutants for Approved TMDLs Summary

Pollutant \$	AU/Pollutants \$	AU/Addressed Parameters
POLLUTANTS IN URBAN STORMW ATER	29	57
PHOSPHORUS, TOTAL	23	28
NITROGEN, TOTAL	22	27
SEDIMENT	22	27
ESCHERICHIA COLI (E. COLI)	12	12

« 1 2 3 4 »

17 Records

ment Unit Name \$	Action ID \$	Action Name	Action TMDL Date \$	Action Status \$	EPA FY \$	Pollutant -	Source Type
				-	•	•	
)779	31577	TRAFTON LAKE	Oct 26, 2006	EPA Final Action	2007	ALGAL BLOOMS	Nonpoint source
1820	31665	MONSON POND	Nov 28, 2006	EPA Final Action	2007	ALGAL BLOOMS	Nonpoint source
1674	30679	CROSS LAKE	Sep 28, 2006	EPA Final Action	2006	ALGAL BLOOMS	Nonpoint source
1776	32030	ECHO LAKE	Feb 05, 2007	EPA Final Action	2007	ALGAL BLOOMS	Nonpoint source

## Which waters are <u>new</u> to category 5 this cycle in Montana?

# Use the Cycle Comparison Report in ATTAINS

#### parison

ameters

ory = [5], Previous EPA IR Category = [1, 2, 3, , 4A, 4C]



<b>)</b> \$	Assessment Unit Name \$	Previous Assessment Unit Name	EPA IR Category \$	Previous EPA IR Category \$	EPA IR
			•	•	
	Little Sheep Creek		5		ADDED
	Selway Creek	Selway Creek	5	3	CHANG
	Sage Creek		5		ADDED
	Trail Creek		5		ADDED
	Nicholia Creek		5		ADDED
	Cabin Creek		5		ADDED
	Metzel Creek		5		ADDED

7 Records

### How many TMDL Projects were approved so far in FY 2024 in Region 7?

#### Use ATTAINS Services

Base URL for Actions service

State code indicator

Indicates that a number should be returned instead of a list of TMDLs

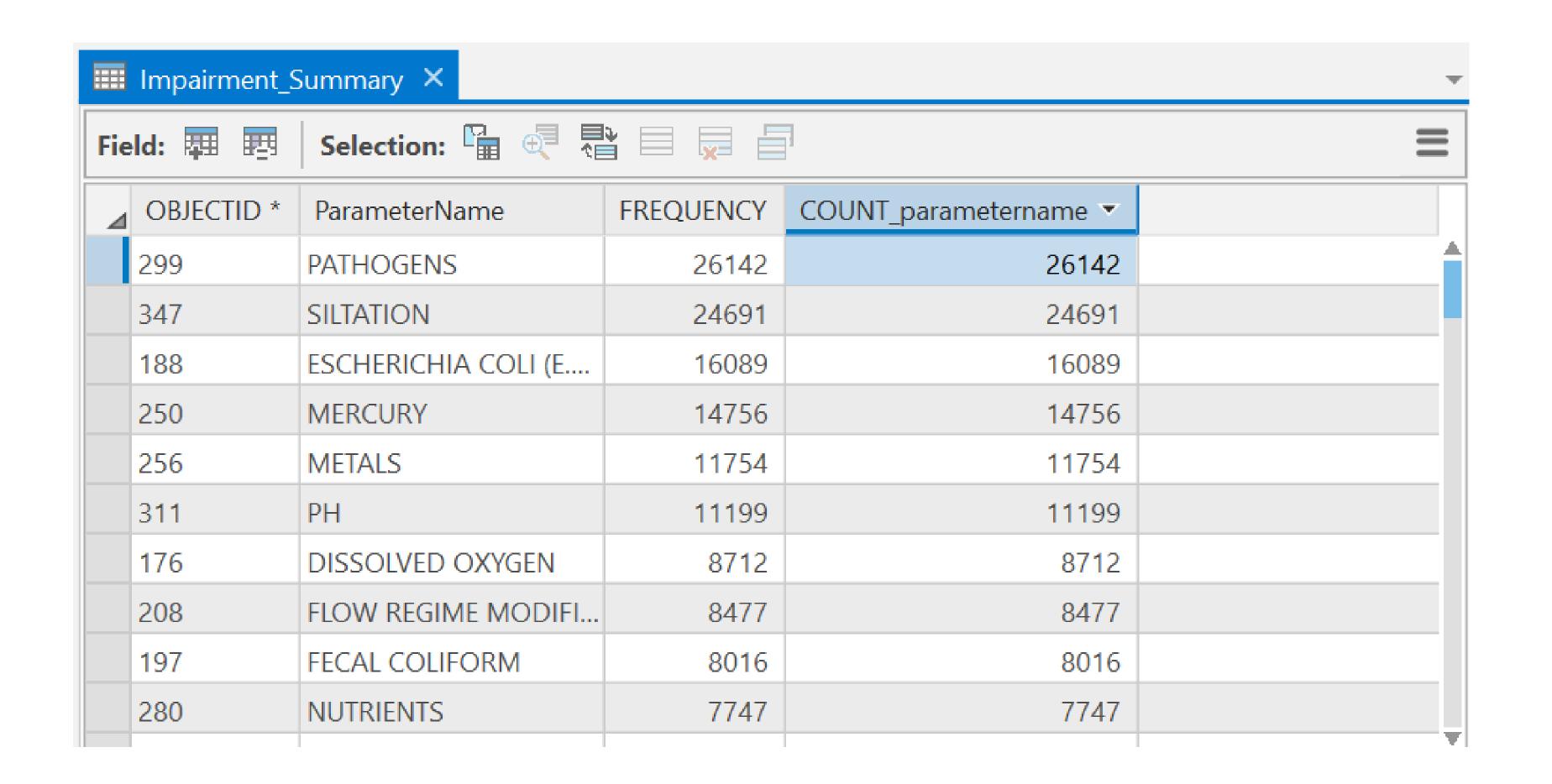
https://attains.epa.gov/attains-public/api/actions?actionTypeCode=tmdl&stateCode=KS&tmdlDateLaterThan=2023-10-1&returnCountOnly=Y

Action type code indicator

Indicates TMDL was approved in FY 2023

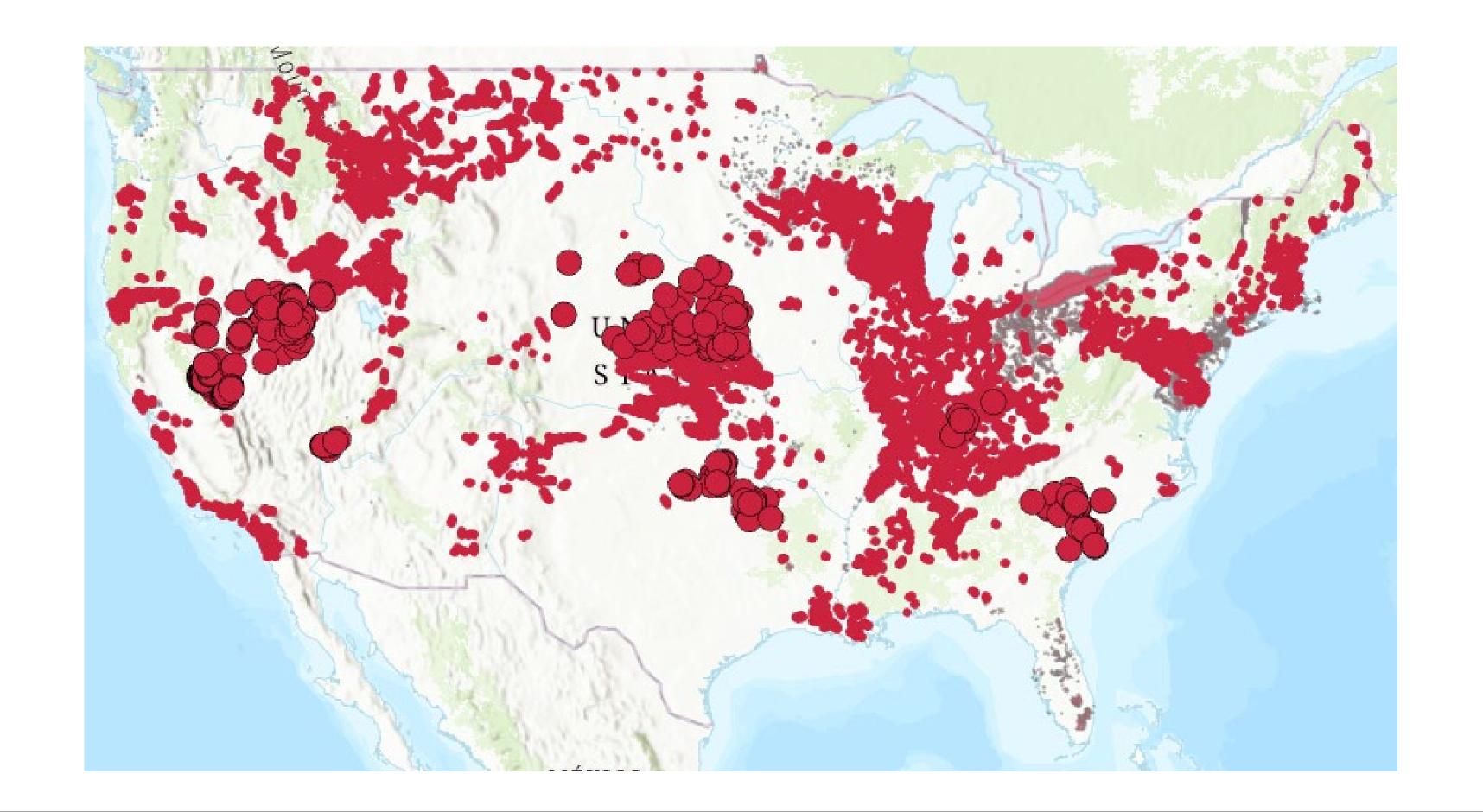
```
{
    "items": [],
    "count": 1
}
```

### What is the most commonly reported impairment nationally?



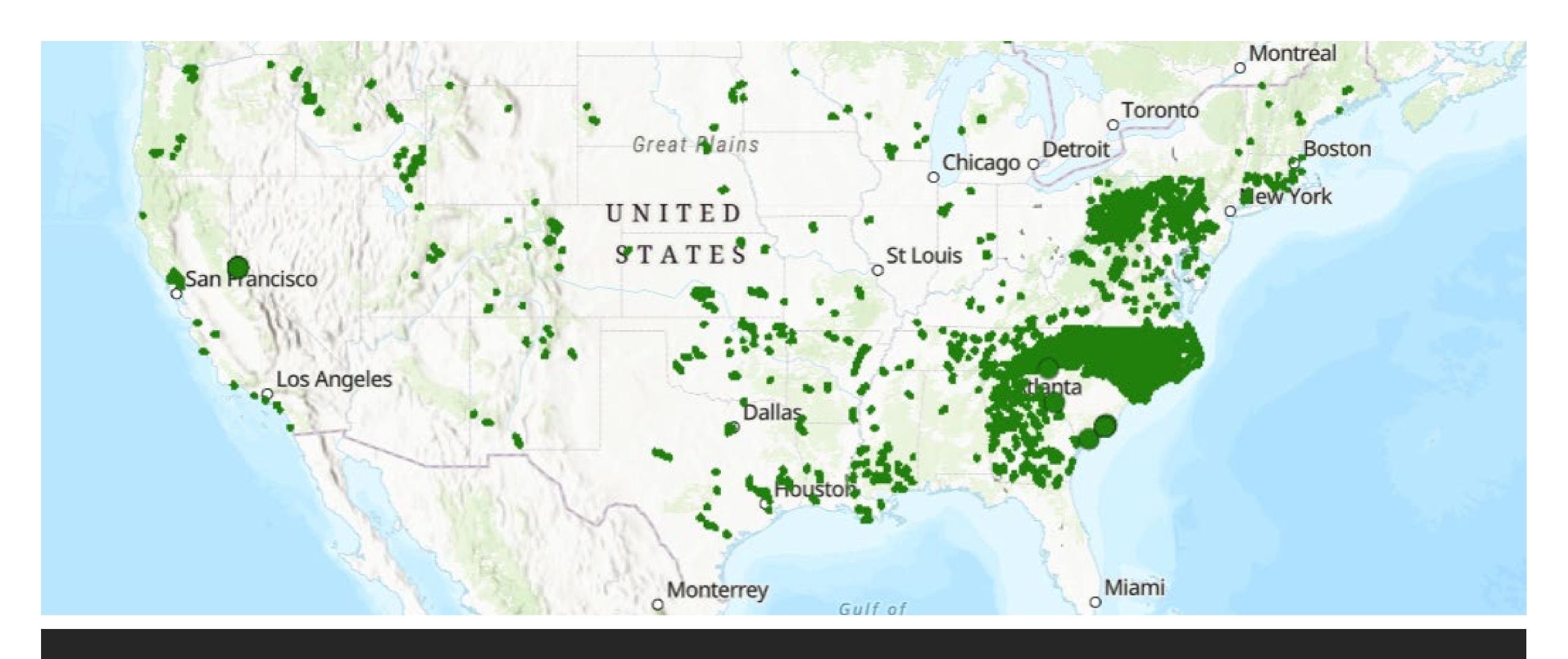
#### Use the ATTAINS Geospatial Service

## Where are the waters impaired for nutrients nationally?



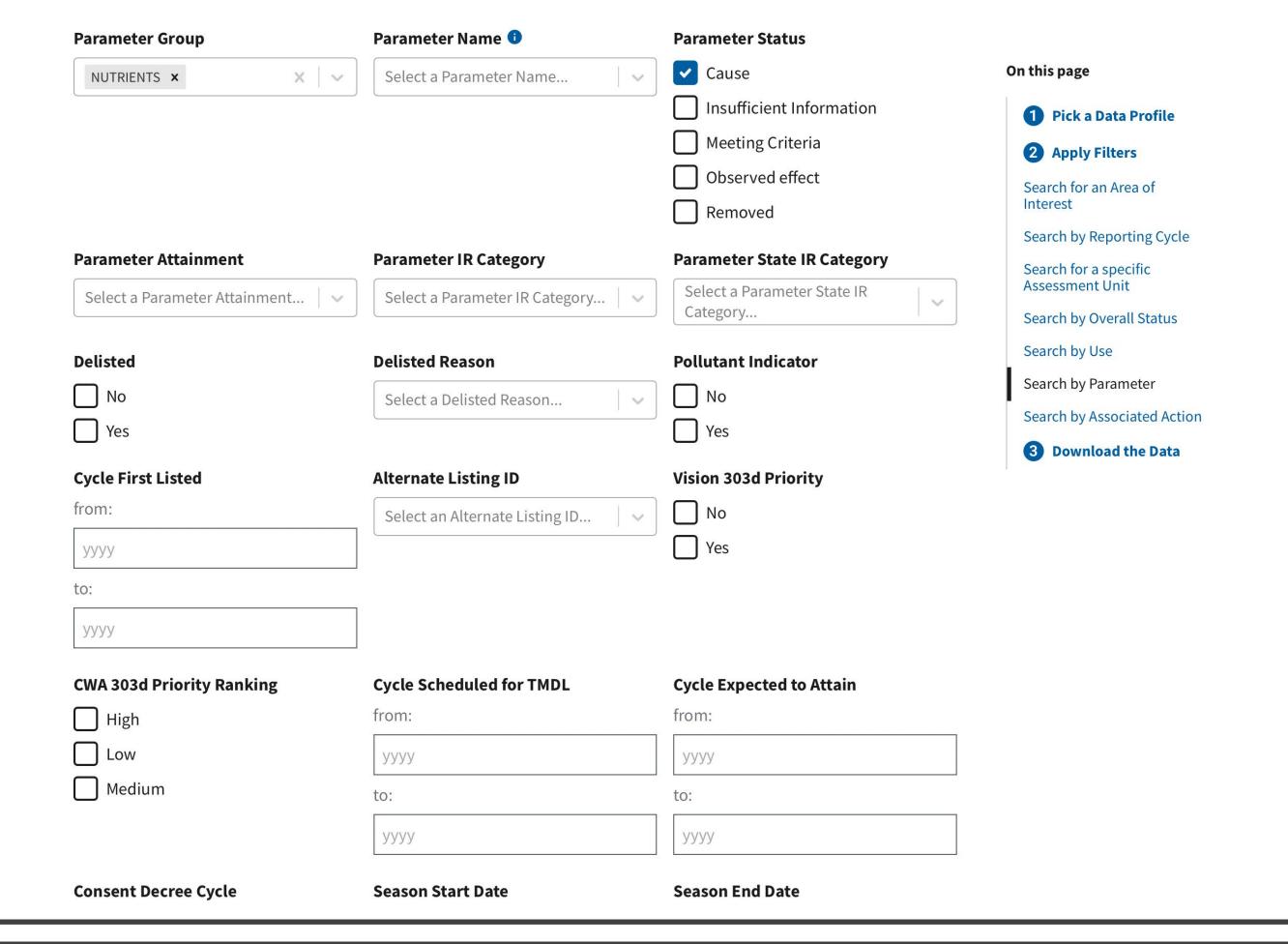
#### Use the ATTAINS Geospatial Service

### Which waters have a TMDL and are fully supporting nationally?



### Use the ATTAINS Geospatial Service

## Where What are the waters impaired for nutrients nationally?



#### Use Expert Query

What are the impaired waters (category 4 and 5) nationally?

Download link	Time a la et wafwa ah a d	Number of wares	File size	
All downloads are zipped (ZIP) CSV files	Time last refreshed	Number of rows	Zipped	Unzipped
Actions Profile 🗷	5/10/2024, 9:54:38 PM	77,547	2.99 MB	21.63 MB
Assessments Profile 🗷	5/10/2024, 9:29:22 PM	8,144,245	138.51 MB	2.56 GB
Assessment Units Profile 🗷	5/10/2024, 8:19:24 PM	2,575,987	57.67 MB	479.09 MB
Assessment Units with Monitoring Locations Profile 🗷	5/10/2024, 8:28:06 PM	2,191,139	62.34 MB	406.36 MB
Catchment Correspondence Profile 🗷	5/11/2024, 1:09:48 AM	107,535,232	601.8 MB	10.79 GB
Sources Profile 🗷	5/10/2024, 9:46:53 PM	2,173,839	39.13 MB	544.83 MB
Total Maximum Daily Load Profile 🗷	5/10/2024, 9:53:55 PM	607,565	11.67 MB	506.77 MB

#### Use Expert Query

#### Summary of Suggested Tools

Different Tools work better for different types of questions

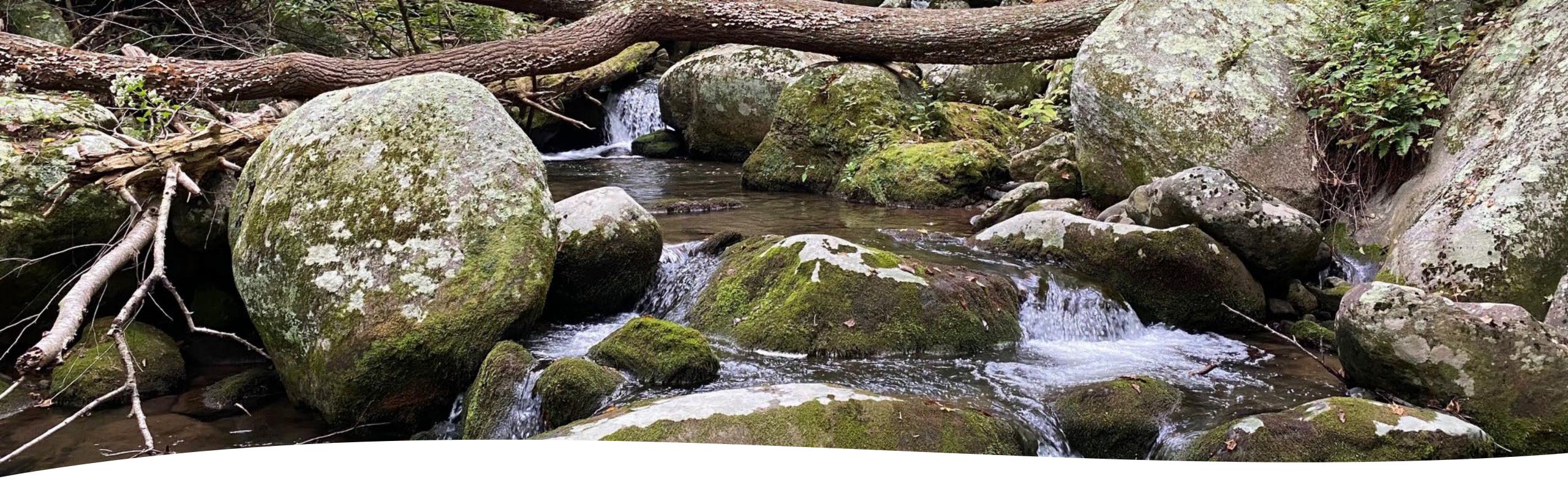
Question	How's My Waterway	ATTAINS Geospatial Service	ATTAINS Reports (Requires Login)	ATTAINS Services	Expert Query	Comment	
Where?	Yes, within a state/Org or local area	Yes, at the national or state/Org level	No	No	No	"Where" questionsor questions that involve mapsrequire geospatial data	
Summary	Yes, within a state or local area	Yes, at the Parameter Group or Use Group level	Yes, within an Organization	Depends on the question to be summarized	No	Several tools will provide limited summaries. Expert Query provides rows of data but no summaries.	
Query	State Advanced tab allows limited filtering	Yes, at the Parameter Group or Use Group level, at the national or state level. Returns one record per AU	Yes, within an Organization	Limited filtering, and must be included in web service call	Yes	If you want to search or filter for rows of specific data, Expert Query may be your best option, if it is public data. (For non-public data, use Reports module within ATTAINS.) Expert Query allows querying across multiple Organizations or States but may result in very large tabular datasets.	

#### For Further Reference

- How's My Waterway: <a href="https://mywaterway.epa.gov/">https://mywaterway.epa.gov/</a>
- Expert Query: <a href="https://owapps.epa.gov/expertquery/attains/">https://owapps.epa.gov/expertquery/attains/</a>
- Public ATTAINS Website: <a href="https://www.epa.gov/waterdata/attains">https://www.epa.gov/waterdata/attains</a>
  - Using ATTAINS Web Services: <a href="https://www.epa.gov/waterdata/get-data-access-public-attains-data#WebServices">https://www.epa.gov/waterdata/get-data-access-public-attains-data#WebServices</a>
  - ATTAINS Geospatial Services: <a href="https://www.epa.gov/waterdata/get-data-access-public-attains-data#AttainsGeo">https://www.epa.gov/waterdata/get-data-access-public-attains-data#AttainsGeo</a>
  - ATTAINS Reports Module: <a href="https://www.epa.gov/waterdata/upload-data-resources-registered-attains-users#reports-module">https://www.epa.gov/waterdata/upload-data-resources-registered-attains-users#reports-module</a>

#### Participant Questions

#### Hands-On



#### Questions?

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