

How to Answer Common Questions with Available Data Tools

June 9, 2021

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 and State
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
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

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

Use How's My Waterway State Page

Oregon Water Quality

Choose a Topic:

 Swimming	 Eating Fish	 Aquatic Life	 Drinking Water	 Other
---	--	---	---	--

Pick your Water Type and Use:

Water Type:

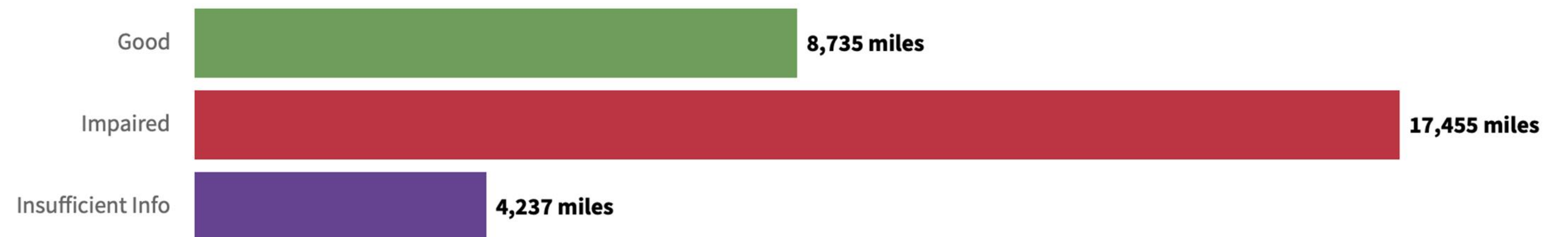
Rivers and Streams

Use:

Water Contact Recreation

Assessed **Rivers and Streams** that support **Water Contact Recreation**

Targeted monitoring provides information on water quality problems for the subset of those waters that were assessed.



Year Last Reported: 2020

[Top Reasons for Impairment for Oregon **Rivers and Streams** assessed for **Water Contact Recreation**](#) >

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:

Bacteria and Other Microbes x

Use Groups:

Recreation x

Watershed Names (HUC12):

Select...

Waterbody Names (IDs):

Select...

Integrated Reporting (IR) Category:

- All Waters
- 303(d) Listed Impaired Waters (Category 5)
- Impaired (Category 4 and 5)

Additional Filters:

- Has TMDL

Search

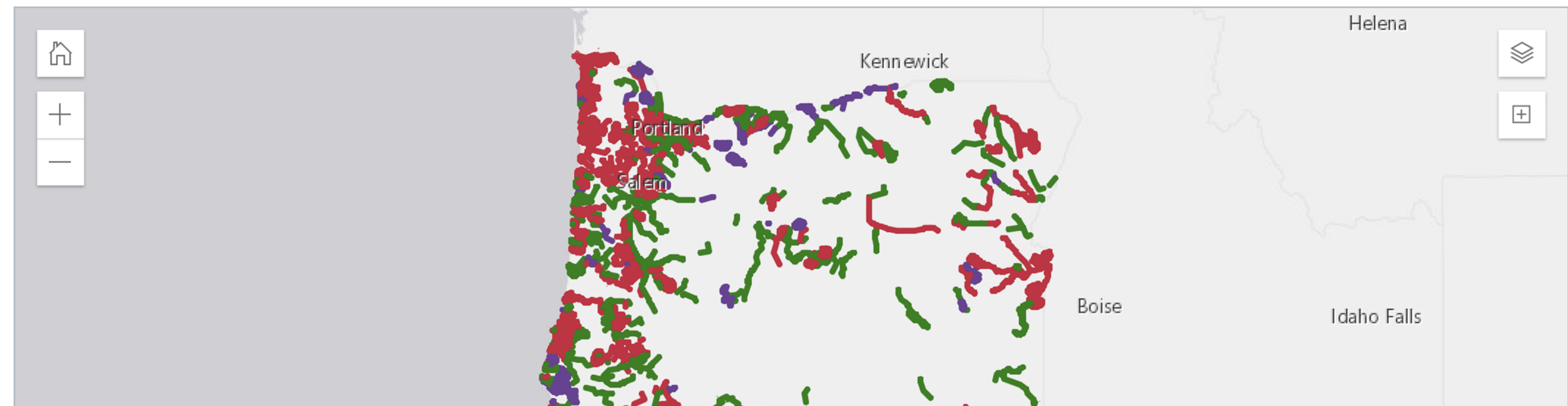
Results: 657 items

Display Waterbodies by:

Bacteria and Other Microbes

Map

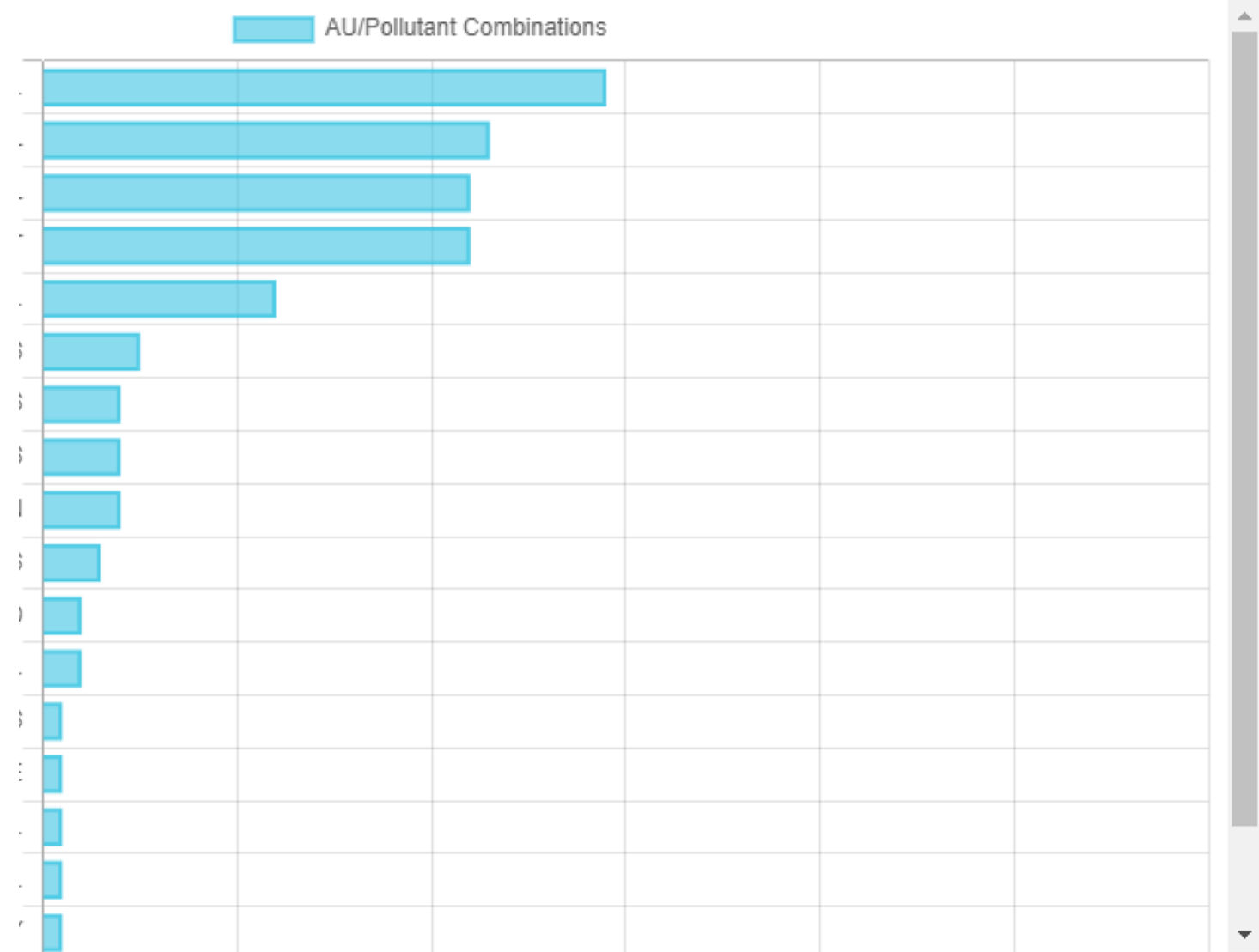
List



What are all the TMDLs in Maine?

Use the Actions Report in ATTAINS

Pollutants for Approved TMDLs



Pollutants for Approved TMDLs Summary

Pollutant	AU/Pollutants	AU/Addressed Parameters
POLLUTANTS IN URBAN STORMWATER	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

Segment Unit Name	Action ID	Action Name	Action TMDL Date	Action Status	EPA FY	Pollutant	Source Type
1779	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 new to category 5
this cycle in Montana?







Use the Cycle Comparison Report in ATTAINS

Comparison

Parameters

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

 Clear Selection 

	Assessment Unit Name 	Previous Assessment Unit Name 	EPA IR Category 	Previous EPA IR Category 	EPA IR
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	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 2021 in Region 7?

Use ATTAINS Services

Base URL for Actions service



<https://attains.epa.gov/attains-public/api/actions?actionTypeCode=tmdl&stateCode=IA&tmdlDateLaterThan=2020-10-1&returnCountOnly=Y>

State code indicator



Action type code indicator



Indicates TMDL was approved in FY 2021

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



```
{  
  "items": [],  
  "count": 5  
}
```


What is the most commonly reported
impairment nationally?

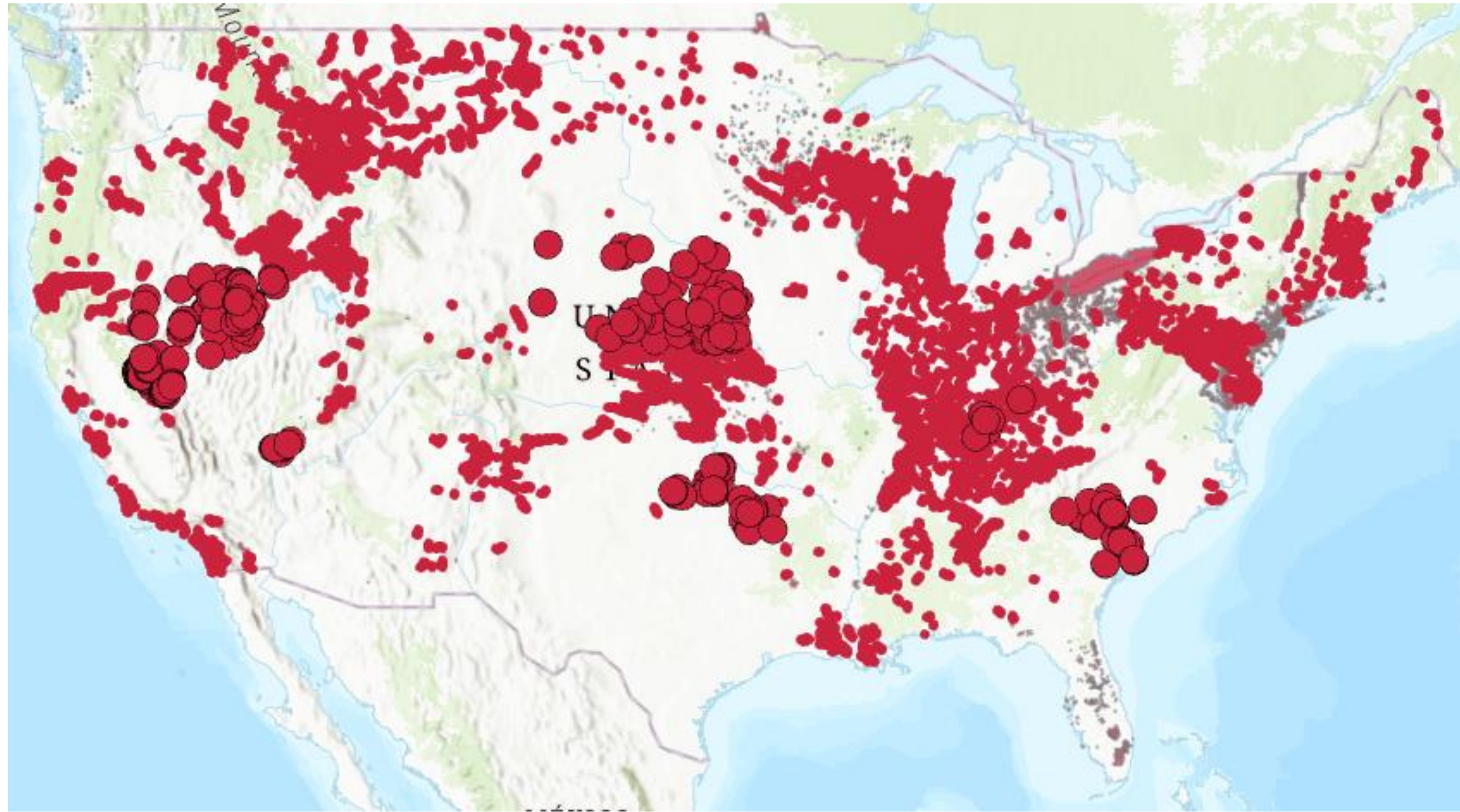
Impairment_Summary

Field: Selection:

OBJECTID *	ParameterName	FREQUENCY	COUNT_parametername
299	PATHOGENS	26142	26142
347	SILTATION	24691	24691
188	ESCHERICHIA COLI (E...	16089	16089
250	MERCURY	14756	14756
256	METALS	11754	11754
311	PH	11199	11199
176	DISSOLVED OXYGEN	8712	8712
208	FLOW REGIME MODIFI...	8477	8477
197	FECAL COLIFORM	8016	8016
280	NUTRIENTS	7747	7747

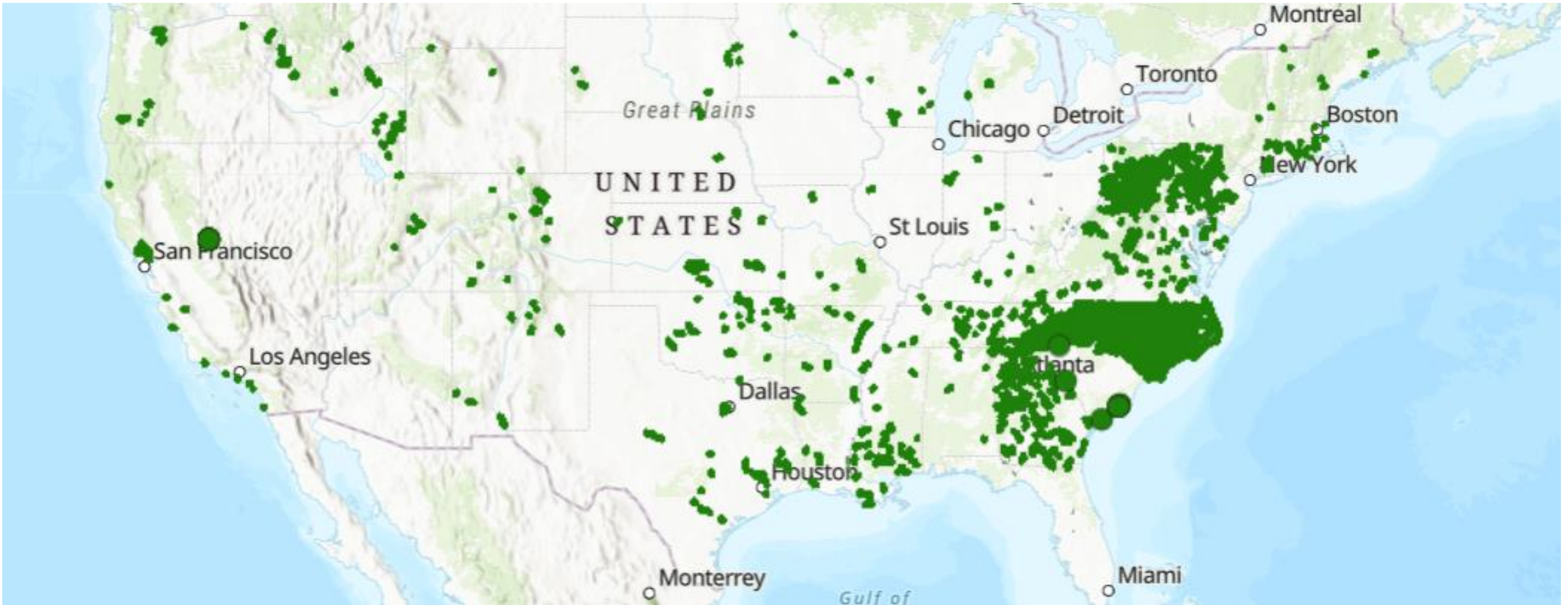
Use the ATTAINS Geospatial Service

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



Questions?

- Dwane Young
- young.dwane@epa.gov

- Jesse Boorman-Padgett
- boorman-padgett.jesse@epa.gov