



# Clean Water Workgroup Winter RTOC 2023

Thursday, April 20<sup>th</sup> 9:45-10:45AM



# Agenda

Section 106  
Tribal Guidance  
Supplement

Tribal ATTAINS  
Project Phased  
Rollout Updates

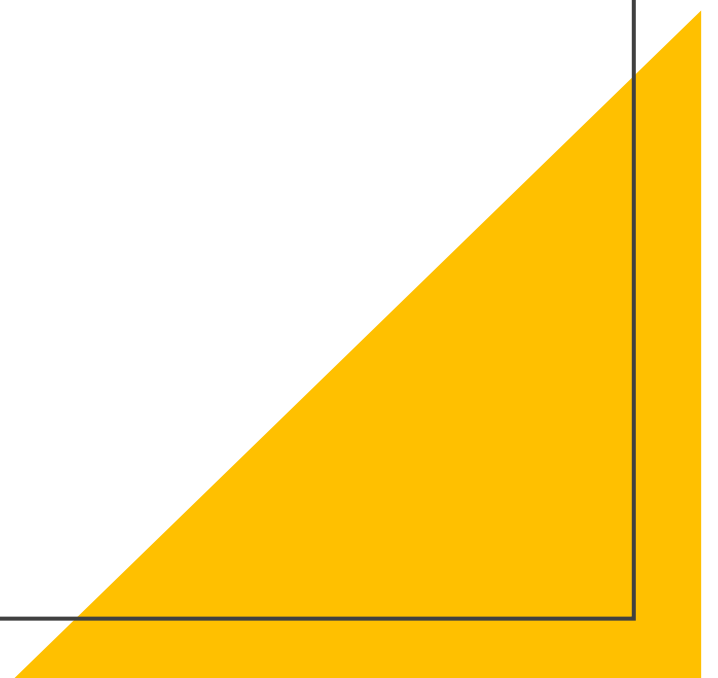
Announcements  
from Group

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# Section 106 Tribal Guidance Supplement- Tribal Data Management for WQX Submission

Danielle Grunzke, Office of Wetlands, Oceans and  
Watersheds, EPA

20 April 2023

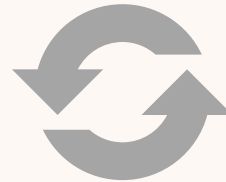


# Purpose of Revising the Section 106 Tribal Guidance Supplements



**2006 Section 106 Tribal  
Guidance included 3 reporting  
requirements**

Monitoring Strategy Supplement  
Data Management Supplement  
Assessment Supplement



**Status:**

DRAFT Final versions of [Monitoring  
Strategy Supplement](#) and [Data  
Management Supplement](#) online  
now  
Assessment Supplement- to be  
determined



**2023 revised supplements  
include:**

Updated links  
Additional tools  
More examples  
Detailed instructions

# Data Management Supplement

- General Data Management
  - Types of Data
  - Recording and Managing Metadata
  - Model Data Management for WQX
- Submitting Data to WQX
  - Essential Elements and Design of WQX
  - Ways to Submit Data
  - Retrieving Data from the Water Quality Portal
  - Support

## Tribal Data Management for WQX Submission

### Supplement to the Clean Water Act Section 106 Tribal Guidance




#### Water Quality Data Upload with WQX

There are two options for you to share your data using WQX. You can choose a standard web-based application (WQX Web) that uses Microsoft Excel spreadsheets or you can choose to create a custom submission application using WQX XML schemas through Exchange.



Data  
Management  
Supplement  
Review  
Support

- Interested in reviewing the Data Management Document? Please let us know!
  - Please provide comments back by May 12th
- 

# Contact Information

- Danielle Grunzke, Supplements Co-Lead, Office of Wetlands Oceans and Watersheds ([Grunzke.Danielle@epa.gov](mailto:Grunzke.Danielle@epa.gov))
- Adam Griggs, Data Management Supplement Co-Lead, Office of Wetlands, Oceans and Watersheds ([Griggs.Adam@epa.gov](mailto:Griggs.Adam@epa.gov))
- Robyn Delehanty, CWA Section 106 Coordinator, Office of Wastewater Management ([Delehanty.Robyn@epa.gov](mailto:Delehanty.Robyn@epa.gov))

# Tribal ATTAINS Phased Rollout

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April 2023

R9 Clean Water Workgroup Call  
Update

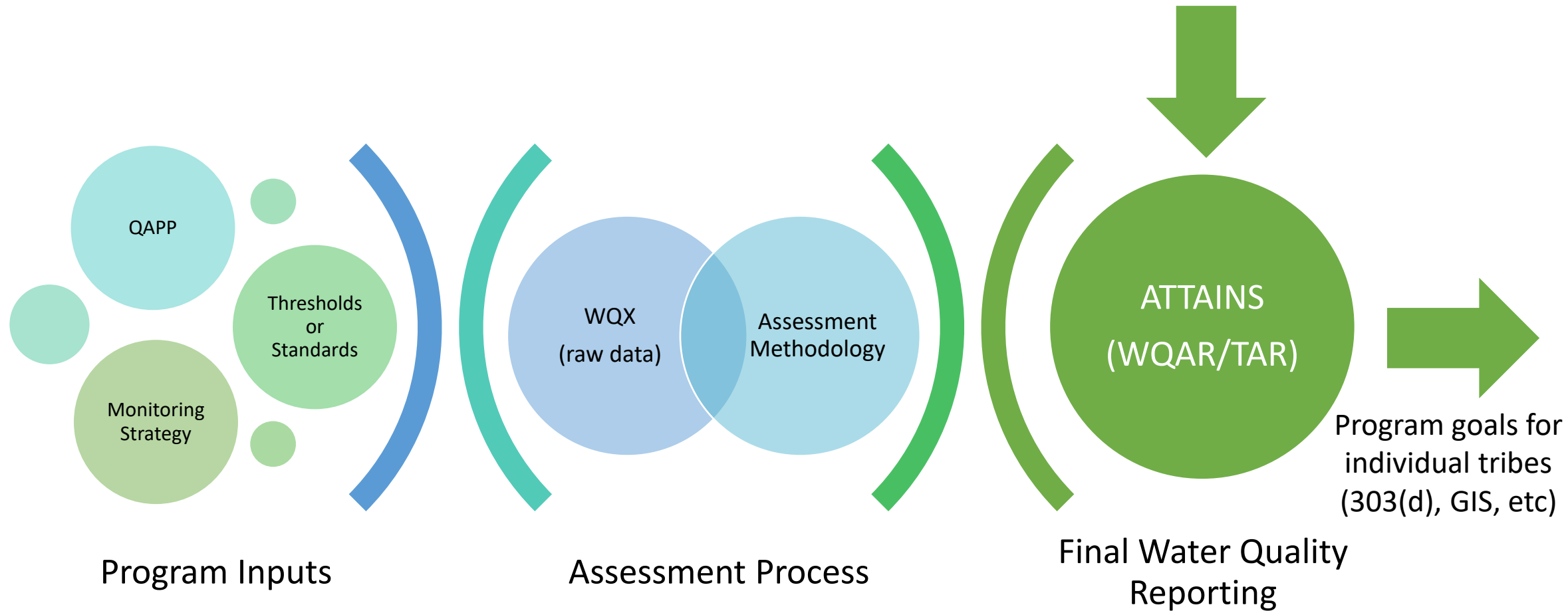




# ATTAINS Project Overview

- 20 tribes spread across regions 2, 5, 6, 8 and 9 are participating in the project
- Partnering with EPA Headquarters and regional project officers
- Started November 2016
- Tribes report water quality assessments through the new ATTAINS system
  - (6 years of reporting so far: 2017-2022)
- **Objective:** Test whether ATTAINS can serve as an alternate reporting mechanism for tribal water quality assessment reporting
  - Capture programs as they exist, can be used regardless of whether tribe has WQS or TAS for 303(d)

# The big picture



# What is ATTAINS?

- Stands for **Assessment TMDL Tracking And Implementation N System for water quality assessment reporting.**
- ATTAINS is an online platform for reporting water quality assessments. It's an easy way to access information on the status of a given water body.
- Relies on an assessment methodology to explain & justify the water quality decisions made
- Provides tribal water quality decisions next to states & territories

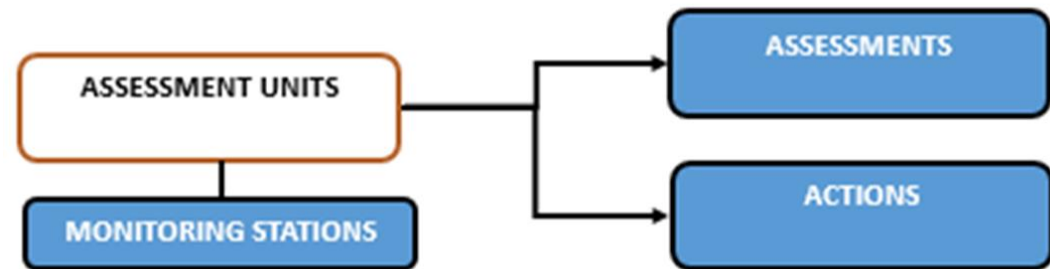


# What ATTAINS Isn't

- Not a system that creates your assessments for you – you still have to perform your assessments against criteria/thresholds/standards the way you always have
- Does not replace WQX/STORET

# Primary ATTAINS Components

- **Assessment Units** – where you are sampling and what the decision applies to
- **Assessment** – The water quality status of each location
- **Actions** – All things being done to restore or maintain water quality



# Assessment Units= Monitoring Locations

Figure 1—Assessment Units List Page

Home Assessment Units **A** Assessments Actions Reports Priorities Administration

Assessment Units **B**  
Test Organization C

Create Assessment Unit Menu  
**C** Upload Assessment Units

Assessment Unit Identifier	IL_LS_Training	State	AA
Assessment Unit Name	Illinois river		
Status	Active		
Location Description	Illinois river	Comment	Not Specified

### Water Types

Water Type	Size	Units	Size Source	Estimation Method	Source Scale
RIVER	14	Miles			

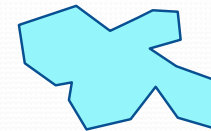
### Locations

No Locations

### Monitoring Stations

Monitoring Station ID	Organization Identifier	Data Link
Cimarron River	SFNOES_WQX	
Bellcow Creek 001	SFNOES_WQX	
USGS-0204382800	USGS	
USGS-02043828	USGS	

- Monitoring location only
- A segment/length of the stream
- An area such as a HUC or Lake



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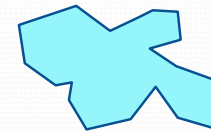
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# Designated Uses

Designated uses are those uses specified in water quality standards for each water body or segment whether or not they are being attained.

- Aquatic Life Use
- Cultural Use
- Protection of Wild Rice
- Primary Contact Recreation
- Frogging
- Secondary Contact Recreation
- Air Boating
- Aesthetics



Home Assessment Units **Assessments** Actions Reports Priorities Administration

## Assessments 2018 (Organization Draft)

Test Organization C Cycle Selection ▾ Menu

Assessment Unit ID	Assessment Unit Name	Water Type	EPA IR Category	Organization IR Category	Cycle Last Assessed	Last Modified	Cycle Last Modified	Validation	Status
NC_AW_Training	My Test Assessment Unit	RIVER				May 2, 2017 3:03:38 PM		No Information	Never Assessed

**General** Uses Parameters Sources Documents Summary

### Designated Uses

Designated Use\*

Use Support

Agency\*  EPA  State  Tribal

Use	Use Support	Use Agency
Fish and Wildlife Propagation, Recreation, and Stock Watering Waters	Fully Supporting	Tribal
Immersion Recreation Waters	Not Supporting	Tribal

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### Use Attainment - Immersion Recreation Waters

Use Name\*

Use Support\*

Agency\*  EPA  State  Tribal

Threatened  No  Yes

Trend

Assessment Basis

Assessment Date

Assessor Name

Monitoring Start Date

Monitoring End Date

- Does your water quality monitoring data indicate that you are meeting or exceeding criteria for parameters and are uses being attained?

<b>Assessment Unit</b>	Illinois river (IL_LS_Training)	<b>Location Description</b>	Illinois river
<b>Water Type</b>	RIVER (14 Miles)	<b>Use Class</b>	Not Specified
<b>Cycle Last Assessed</b>	2016	<b>State</b>	AA
<b>Year Last Monitored</b>	2016	<b>Cycle</b>	2016
		<b>Agency</b>	Tribal
<b>Organization IR Category</b>	Not Specified	<b>EPA IR Category</b>	5 <a href="#">Show Definition</a>
<b>Comment</b>	Not Specified	<b>Rationale</b>	Not Specified

### Designated Uses

Use Name	Use Support	Threatened	Agency	EPA IR Category	
Fish and Wildlife Propagation, Recreation, and Stock Watering Waters	Fully Supporting	No	Tribal	2	
Immersion Recreation Waters	Not Supporting	No	Tribal	5	

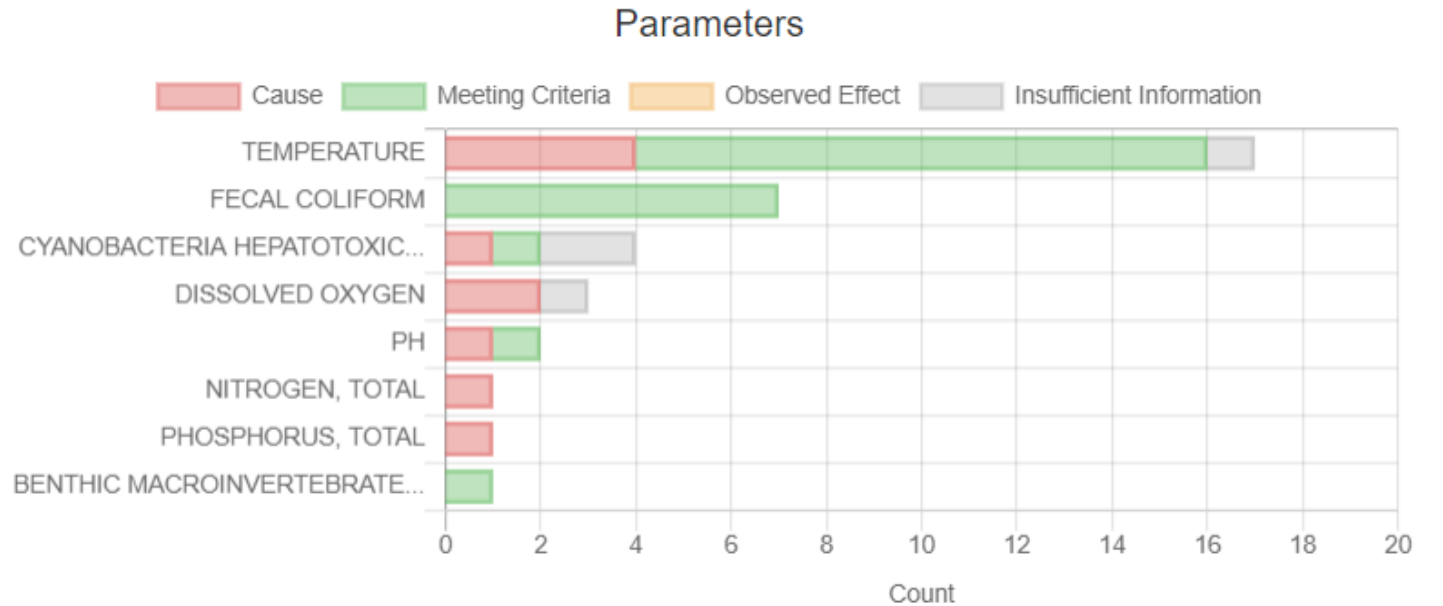
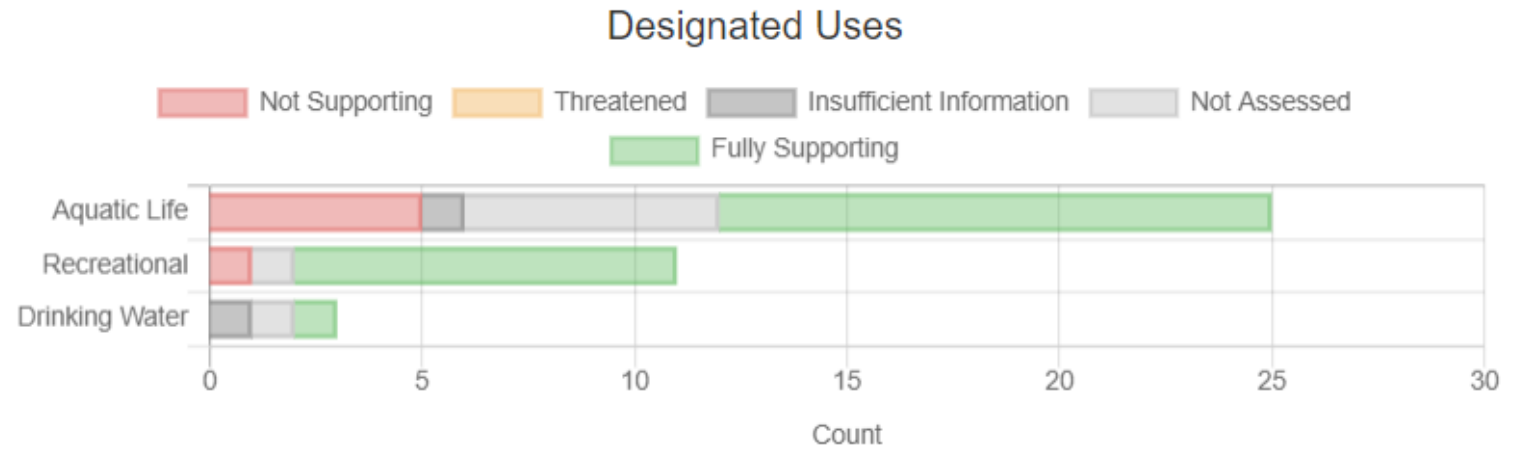
Use Attainment - Fish and Wildlife Propagation, Recreation, and Stock Watering Waters			
<b>Trend</b>	Not Specified	<b>Assessment Basis</b>	Not Specified
<b>Assessed By</b>	Not Specified	<b>Assessed On</b>	Not Specified
<b>Monitoring Start</b>	Not Specified	<b>Monitoring End</b>	Not Specified
<b>Org IR Category</b>	Not Specified	<b>Org Qualifier Flag</b>	Not Specified
<b>Comment</b>	Not Specified		
<a href="#">Assessment Types</a>			
<a href="#">Assessment Methods</a>			

### Parameters

Parameter Name	Parameter Status	EPA IR Category	Dellisted	
DISSOLVED OXYGEN	Meeting Criteria		No	
ESCHERICHIA COLI (E. COLI)	Cause	5	No	
PH	Meeting Criteria		No	
TEMPERATURE	Meeting Criteria		No	

Monitored Parameter - DISSOLVED OXYGEN			
Associated Use	Parameter Attainment	Trend	Seasons
Fish and Wildlife Propagation, Recreation, and Stock Watering Waters	Meeting criteria		
<a href="#">Parameter Information</a>			
<a href="#">Associated Actions</a>			

# Example Summary Information



# How's My Waterway

- New Tribal Pages as of 2023
- Publicly accessible assessment decisions



Let's get started!

Search by address, zip code, or place... >> Go OR Use My Location

Choose a place to learn about your waters:

Community **State & Tribal** National

## Pueblo of Tesuque, New Mexico by the Numbers

**8**  
Water Quality Monitoring Stations  
stations

**3**  
Rivers Monitored  
watersheds

**2**  
Monitoring Stations with Perennial Flow  
river reaches

*Waters not assessed do not show up in summaries below.*

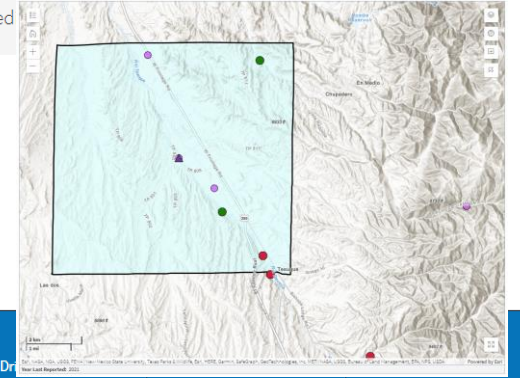
## About Pueblo of Tesuque, New Mexico

The Pueblo of Tesuque is one of the Eight Northern Pueblos in New Mexico and is located about 9 miles north of Santa Fe. The Pueblo has Treatment as a State and its own tribal Water Quality Standards. The Department of Environment and Natural Resources (DENR) is responsible for surface water quality monitoring and water quality assessment. The Pueblo of Tesuque has been involved in the ATTAINS (Tribal) Pilot Program and has been using ATTAINS successfully for 3 years to report water quality attainment decisions. The Pueblo of Tesuque has 8 permanent water quality monitoring stations: 5 stations on the Rio Tesuque, 2 on the Rio Chupadero, and 1 on the Rio En Medio.

DISCLAIMER

## Pueblo of Tesuque, New Mexico at a Glance

**8**  
Waterbodies



Swimming Eating Fish Aquatic Life Drinking Water

Pick your Water Type and Use:

Water Type: Rivers and Streams Use: Primary Contact

Assessed **Rivers and Streams** that support **Primary Contact**

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

Good	4 waters
Impaired	3 waters
Insufficient Info	1 waters

Year Last Reported: 2021

Top Reasons for Impairment for Pueblo of Tesuque, New Mexico **Rivers and Streams** assessed for **Primary Contact**

# Interested in participating?

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- Meet all 106 grant requirements;
- Actively submit water quality data to WQX;
- Be able to perform water quality assessments and link parameters monitored to uses like recreation and aquatic life support;
- Be committed to developing or revising a tribal assessment methodology;\* and
- Have adequate time to participate in assessment methodology development, trainings and entering their assessments into ATTAINS

Nominations are due **May 15<sup>th</sup>**. Please contact your CWA Project Officer if interested.

# Contact Information

- Kate Pinkerton, R9 CWA 106 co-lead ([Pinkerton.Kate@epa.gov](mailto:Pinkerton.Kate@epa.gov))
- Sofia Sotomayor, R9 CWA 106 co-lead([Sotomayor.Sofia@epa.gov](mailto:Sotomayor.Sofia@epa.gov))
- Jesse Boorman-Padgett, CWA Section 106 Coordinator, Office of Wastewater Management ([Boorman-Padgett.Jesse@epa.gov](mailto:Boorman-Padgett.Jesse@epa.gov))

# Questions?

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- Group Announcements
- Updates

