



RTOC Breakout Session: Clean Water Workgroup

Wednesday, April 27, 2011
San Francisco, CA
EPA, Region IX Office

AGENDA

- o 9:45 am: **Introductions**
- o 10:00 am: **National Water Updates**
Ken Norton
- o 10:10 am: **R9 Pilot Results: WQAR Template**
Water Division, Tribal Office, Data Team
- o 10:30 am: **Update on Tribal WQ Measures**
Audrey L Johnson & Ken Norton
- o 10:35 am: **FY11 Budget Update**
Danielle Angeles & Tiffany Eastman
- o 10:50 am: **Questions**



**Summit Lake, Summit
Lake Paiute Tribe**

NATIONAL TRIBAL WATER UPDATE



Nissa Kah Creek, Hopland: “Nissa Kah” means nasty water in Central Pomo.

Results of the Tribal Water Quality Assessment Report

Region 9 Pilot Template 2010



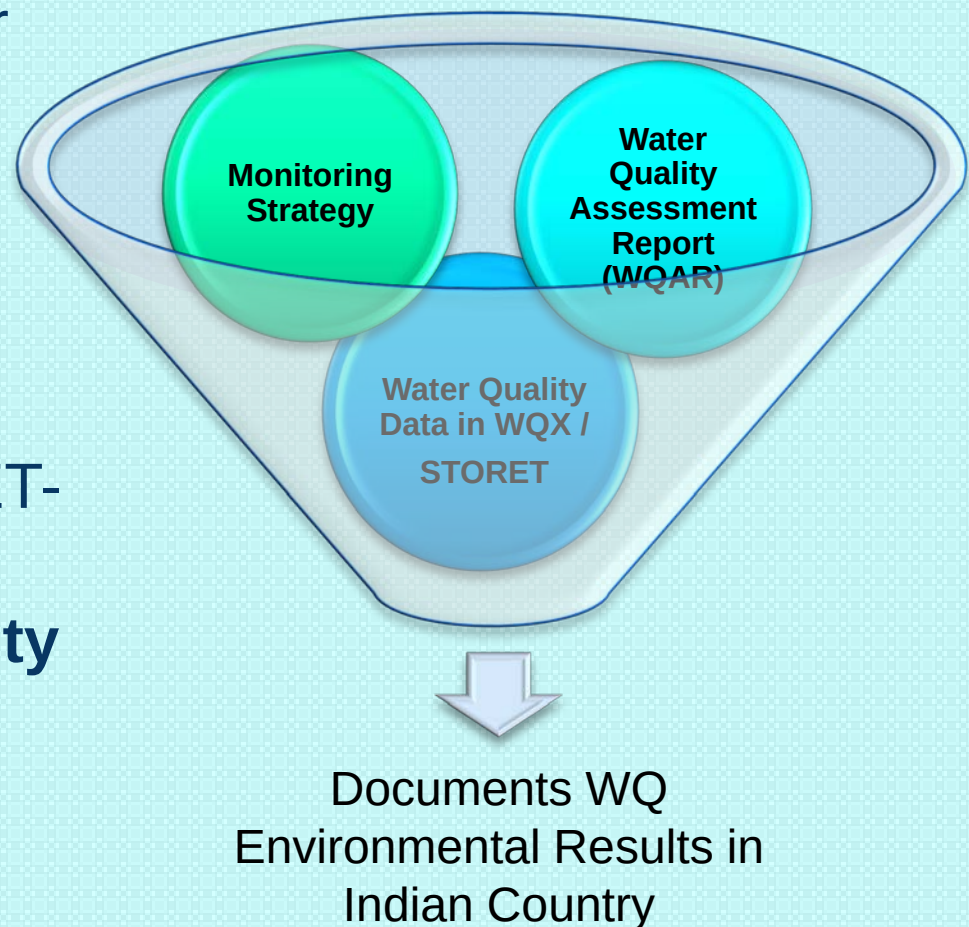
Pyramid Lake, Pyramid Lake Paiute Tribe

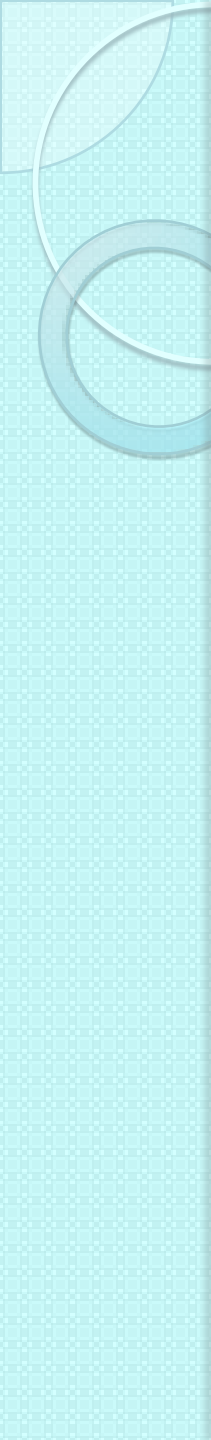
Prepared by the WTR-10 Data Team
(with assistance from the R9 RTOC CWA Workgroup and R9 tribes)

WHAT IS THE WATER QUALITY ASSESSMENT REPORT TEMPLATE?

According to the Clean Water Act 106 Guidance, Tribes must meet 3 reporting requirements:

1. Monitoring Strategy
2. Submit data is STORET-compatible format
3. **Submit a Water Quality Assessment Report**

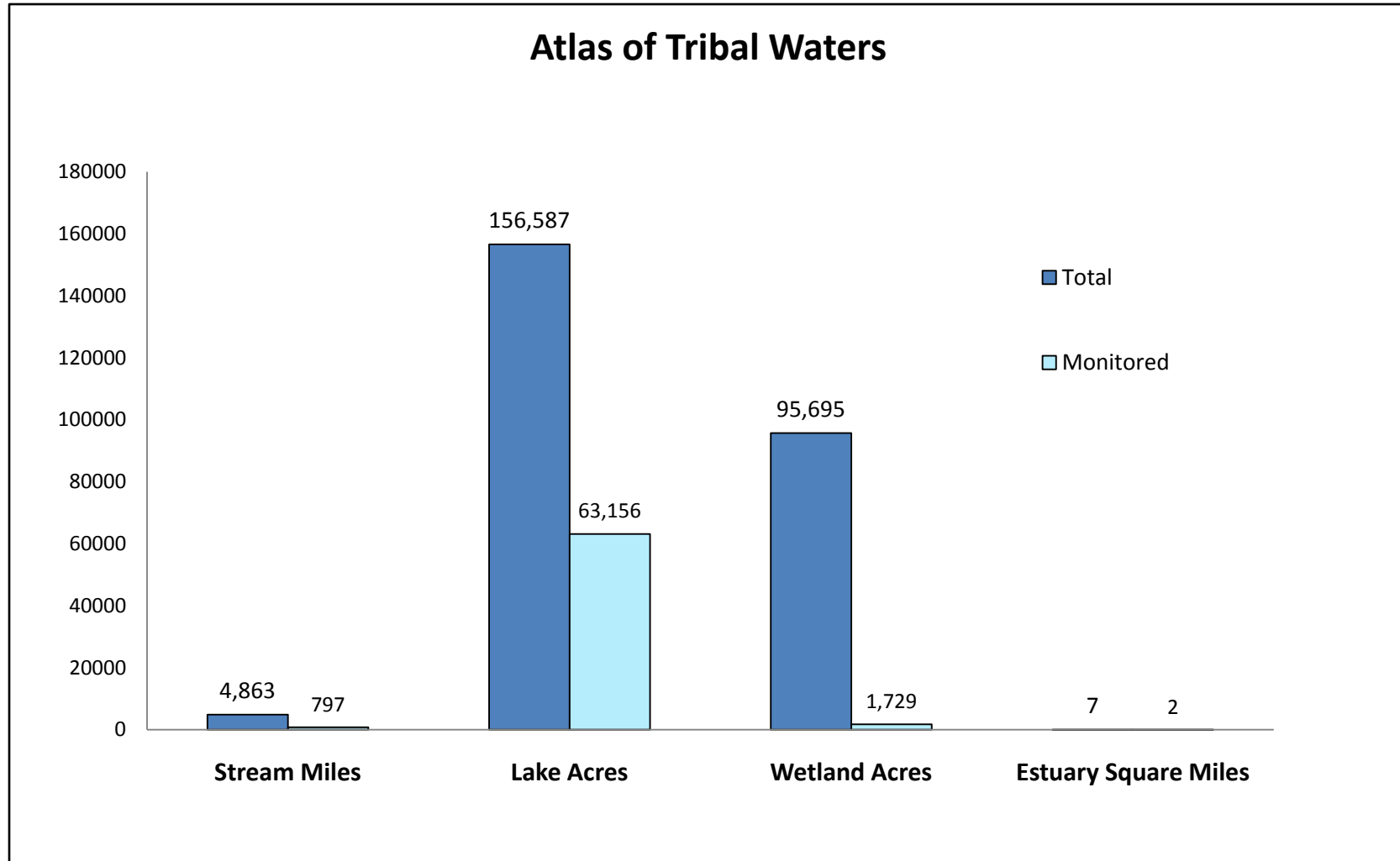




Background

- Region 9 created this pilot template to collect tribal water quality data to create a region-wide picture of water quality on tribal lands in EPA R9.
- This is the second year of the pilot (started in fall of 2009). Tribal comments were incorporated last year to improve the template for use in its current version.

Reservation Waters: How much was Monitored?

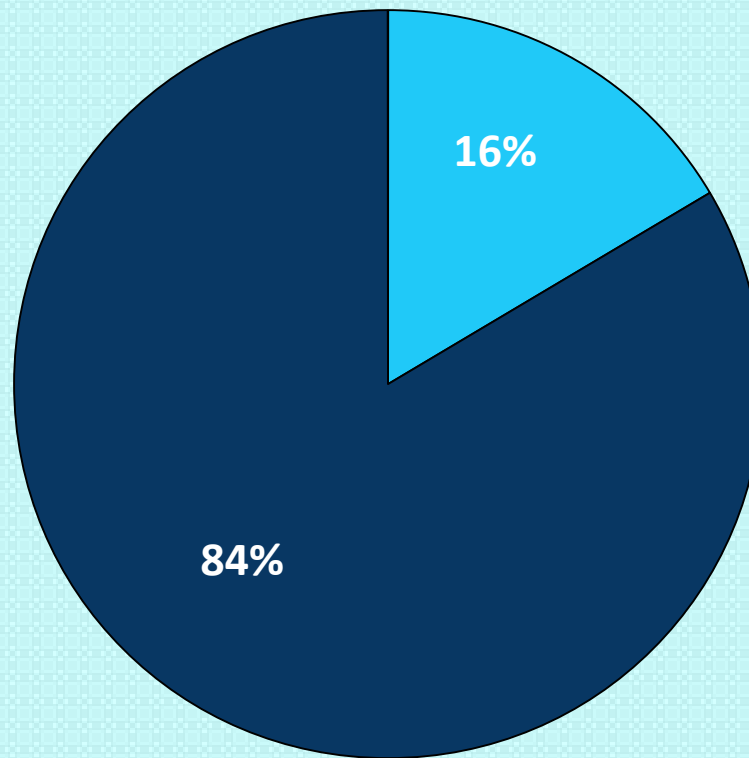


*Data based on Water Quality Assessment Reports submitted by 65 tribes within Region 9 in 2010

STREAM MILES MONITORED IN R9 INDIAN COUNTRY

Reported Stream Miles On Tribal Lands

■ % Monitored on Reservation ■ % Not Monitored

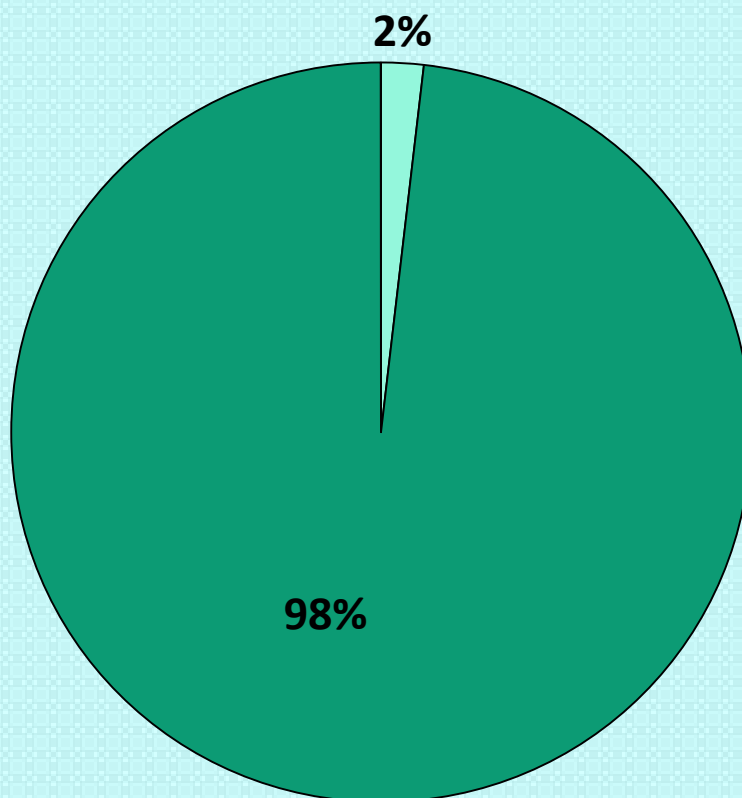


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WETLAND ACRES MONITORED IN R9 INDIAN COUNTRY

Reported Wetland Acres on Tribal Lands

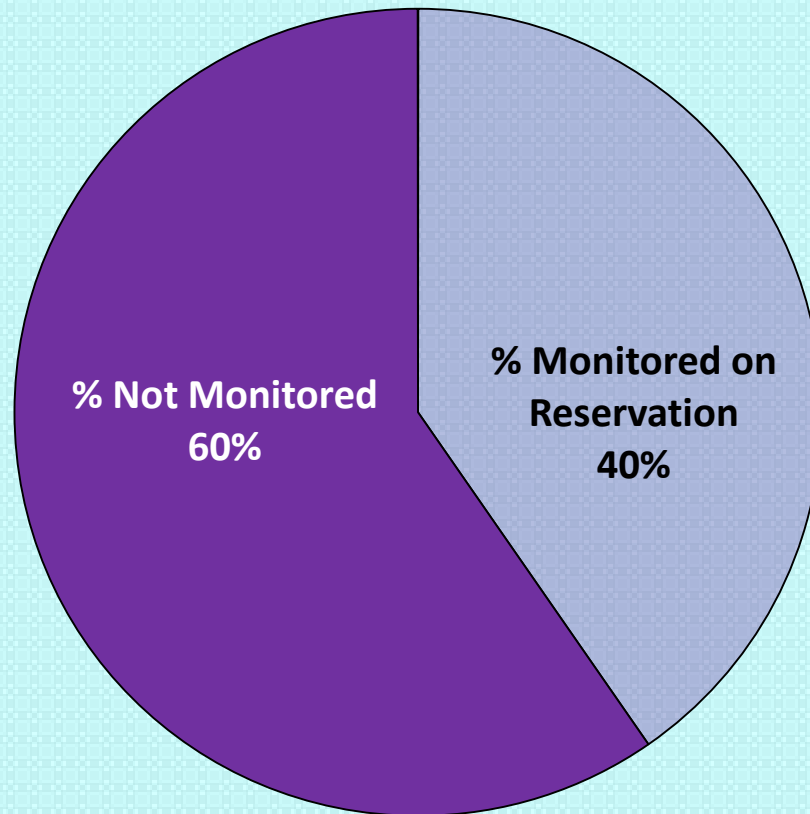
□ % Monitored on Reservation ■ % Not Monitored



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LAKE ACRES MONITORED IN INDIAN COUNTRY

Reported Lake Acres on Tribal Lands

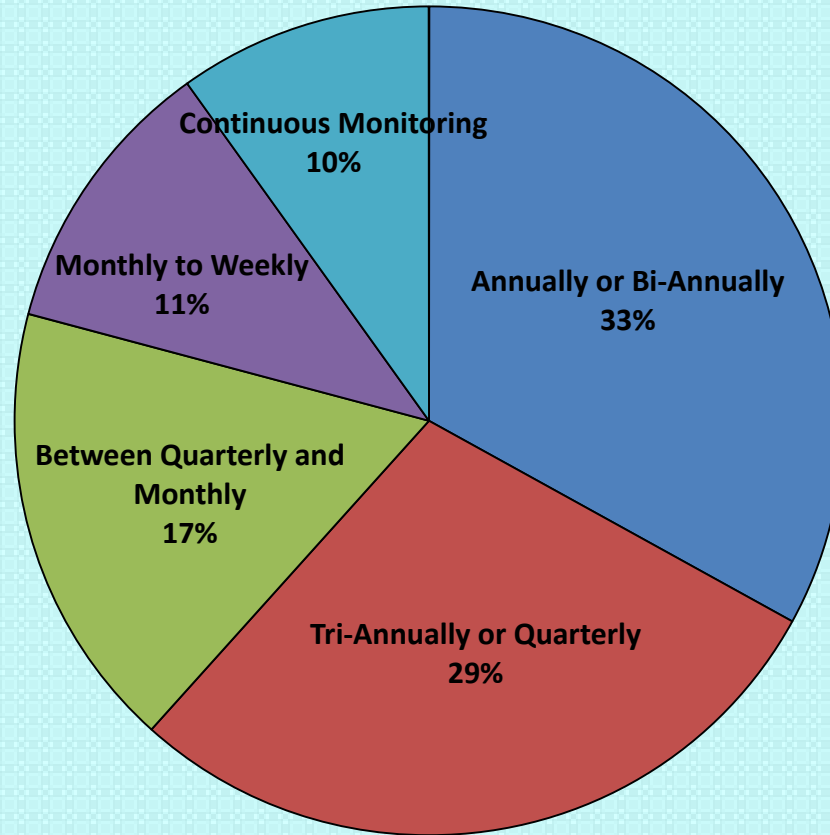


*Data based on Water Quality Assessment Reports submitted by 65 tribes within Region 9 in 2010

HOW OFTEN DID MONITORING OCCUR?

Frequency of Water Quality Monitoring

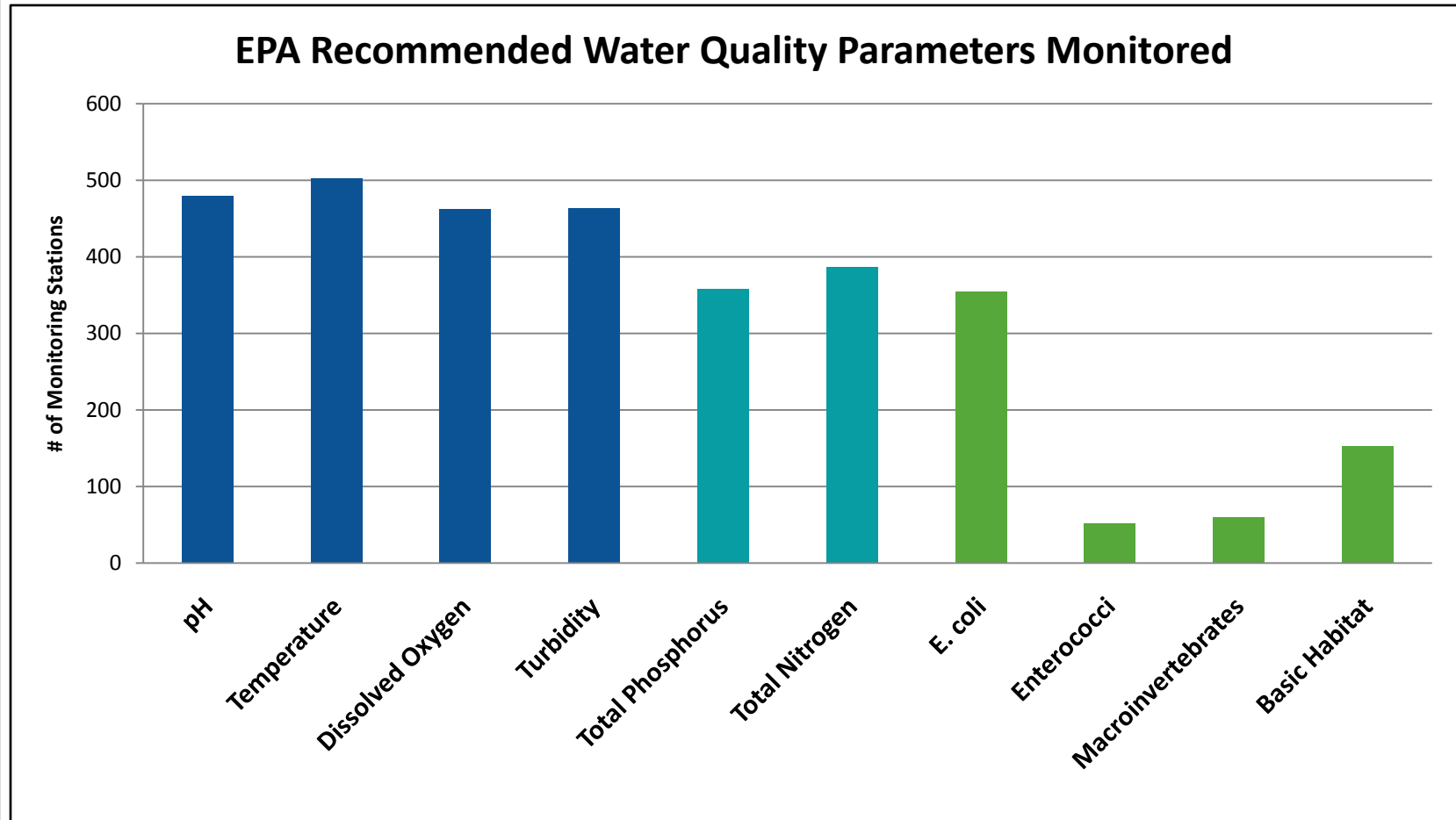
568 monitoring stations reported



*Data based on Water Quality Assessment Reports submitted by 65 tribes within Region 9 in 2010

What EPA Recommended Parameters Were Being Monitored by R9 Tribes?

Several tribal programs have progressed beyond fundamental levels and are now monitoring macroinvertebrates and performing basic habitat assessments. The majority of programs in R9 monitor the 4 fundamental parameters.

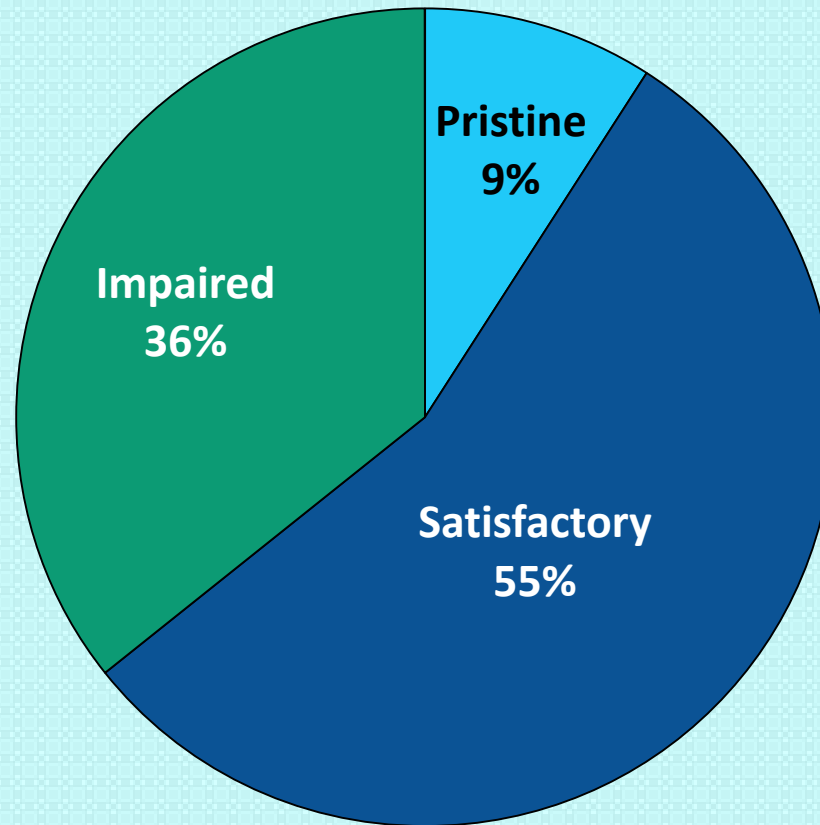


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WHAT IS THE STATUS OF WATER QUALITY IN R9 INDIAN COUNTRY?

Current Water Quality Status of Monitored Stations

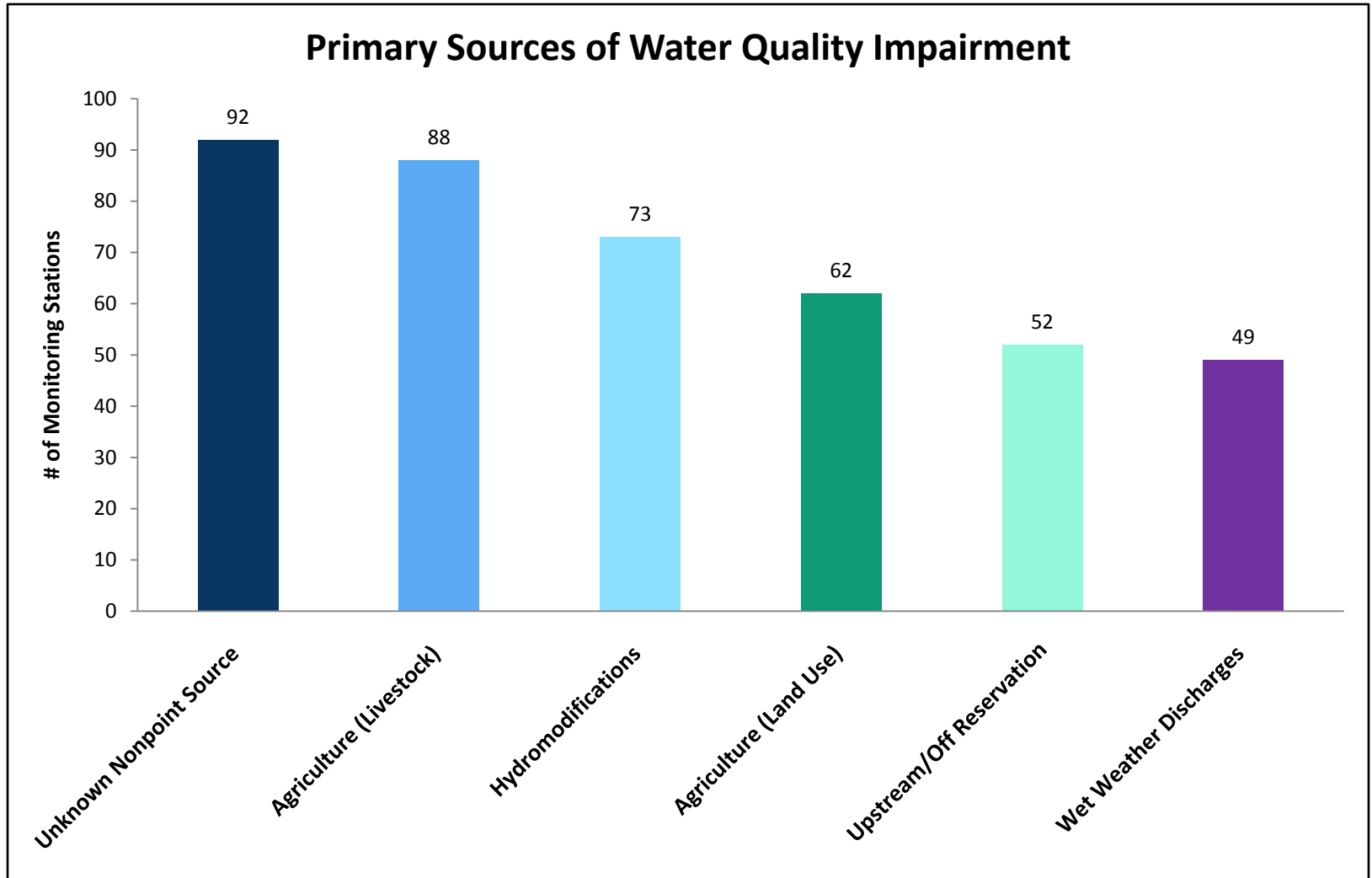
534 stations



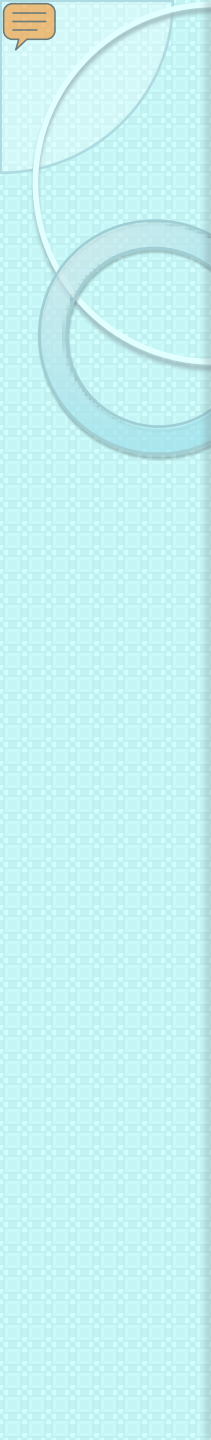
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What is Causing Water Quality Impairment in Region 9?

Nonpoint source pollution is the primary cause of most water quality impairment. More work is required through the CWA 319 program to help address these concerns. The CWA 106 program also helps tribes identify the nature of these nonpoint sources.

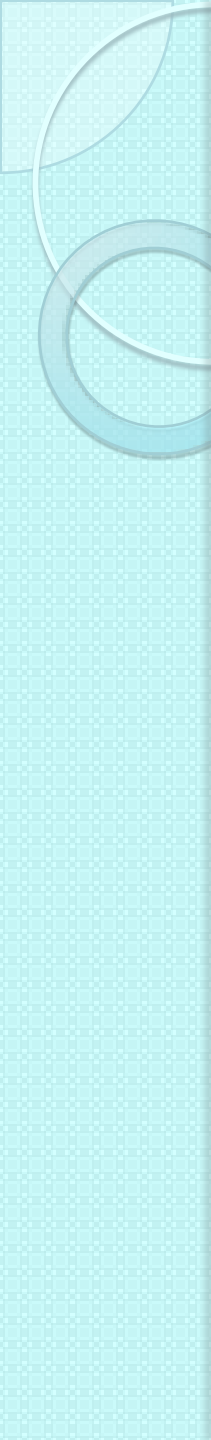


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Input Requested: Future WQAR Information/Training Webinars??

- Do you think other Region 9 Tribes would be interested in the information presented today?
- Would you like to attend a webinar on training for data input into the WQAR template?



Contact Information

If you have any questions, please contact:

- Audrey L. Johnson
 - johnson.audreyl@epa.gov, 415-972-3431
- Christopher Chen
 - chen.christopher@epa.gov, 415-972-3442
- Janis Gomes
 - gomes.janis@epa.gov, 415-972-3517
- Mariela Lopez
 - lopez.mariela@epa.gov, 415-972-3771

Tribal Water Quality Measures



Little Colorado River, Hopi Tribe

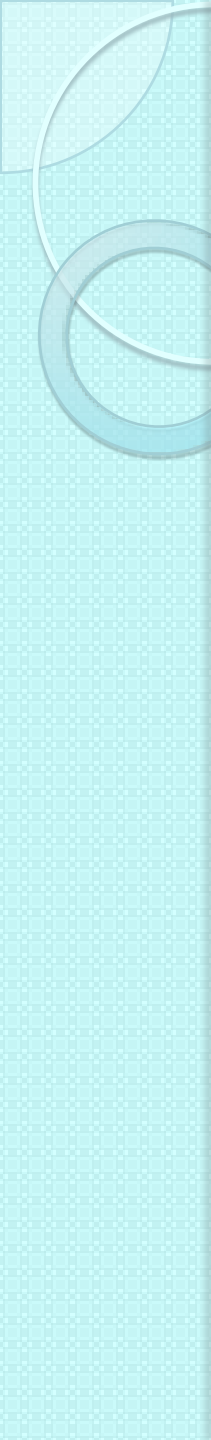
Measuring Environmental Results in Indian Country

- **WQ 6A:** *Cumulative count of **MONITORING STRATEGIES** completed by Tribal Water Quality Programs, nationally.*
- **WQ 6B:** *Cumulative count of tribes **SUBMITTING DATA** in WQX/STORET format to EPA, nationally.*
- **SP-14 A:** *By 2012, **improve water quality** in Indian country at not fewer than 50 baseline monitoring stations in tribal waters nationally.*
- **SP-14 B:** *Identify monitoring stations on tribal lands that are **showing no degradation in water quality** (meaning the waters are meeting uses). (cumulative)*

FY11 Budget Update



Verde River, Salt River Pima-Maricopa Indian Community



CWA Section 106: Water Pollution Funding UPDATE

- **102** Tribes in Region 9 eligible to receive funding
- Total Funding Nationally for CWA 106:
\$228,805,500
- Total Funding for Tribes Nationally for CWA 106: **\$26,216,000**
- HQ proposed allocation to Region 9 :
\$8,363,100

CWA 104(b)3: Wetland Program Development Grants RFP Update

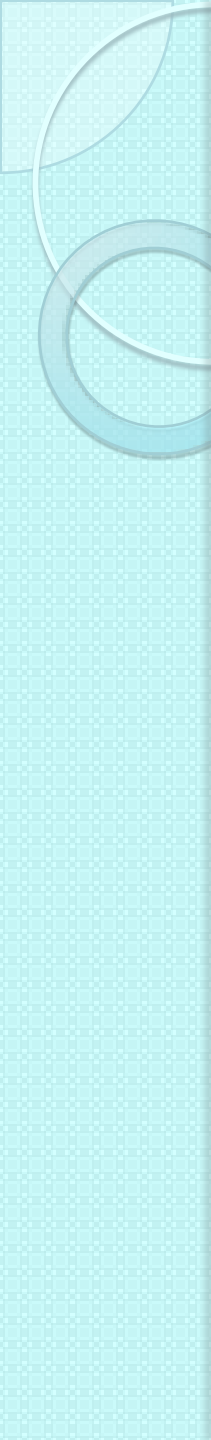


Wetlands, Torres Martinez

- RFP expected to be posted in early May
- Possible 30 day posting

Additional information please contact:

Suzanne Marr
(415) 972-3468

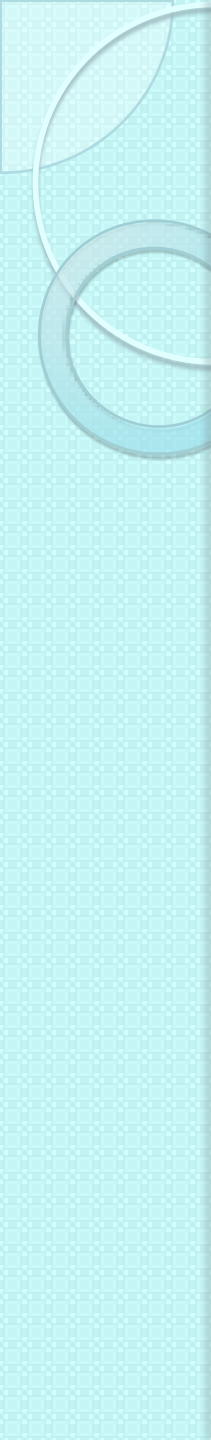


CWA Section 319: Tribal Nonpoint Source Pollution Control Program Funding UPDATE

- **85** Tribes in Region 9 eligible to receive funding
- **BASE Funds:**
 - **78** Tribes in Region 9 applied
 - \$2,440,000
- **COMPETITIVE Funds:**
 - **12** Tribes in Region 9 selected (28 applied)
 - \$1,549,396
- **Total Funding for FY2011: \$3,989,396**
 - (\$8M available)

Upcoming CWA Trainings

- **CWA Section 319 Tribal Webcast:**
 - May 10th, Tuesday, at 10:00am – 12:00pm (PST)
 - Overview of CWA Section 319 Program
 - Register at:
<http://mp118885.cdn.mediaplatform.com/118885/ml/mp/4000/5345/5417/6778/Lobby/default.htm>
- **National CWA 106 & CWA 319 Conference:**
 - November 14th – 18th
 - Host Tribe: Pojoaque Pueblo in New Mexico
 - Save the Date Flyer coming soon!



USEPA Briefing: Tribal Conference Call

- Discuss CWA policy work that EPA and Army Corps of Engineers have jointly prepared to protect the nation's waters.
- When: Today at 12:00 pm
- Please see Audrey, Janis, Danielle or Chris if you would like to attend the call.

QUESTIONS??



Washoe