

Region 9

Water Division, Tribal Office and Water Quality RTOC Workgroup

RTOC Breakout Session
Wednesday, July 28, 2010

Agenda

- National Budget Update –
 - Dan Mosley, Pyramid Lake Paiute Tribe
- Core Water Quality Standards Discussion
 - Ken Norton, Hoopa Valley Tribe
- Water Program Updates
 - Janis Gomes and Audrey Johnson, Region 9
- Wrap-Up and Questions

National Budget Update

Dan Mosley, Pyramid Lake Paiute Tribe

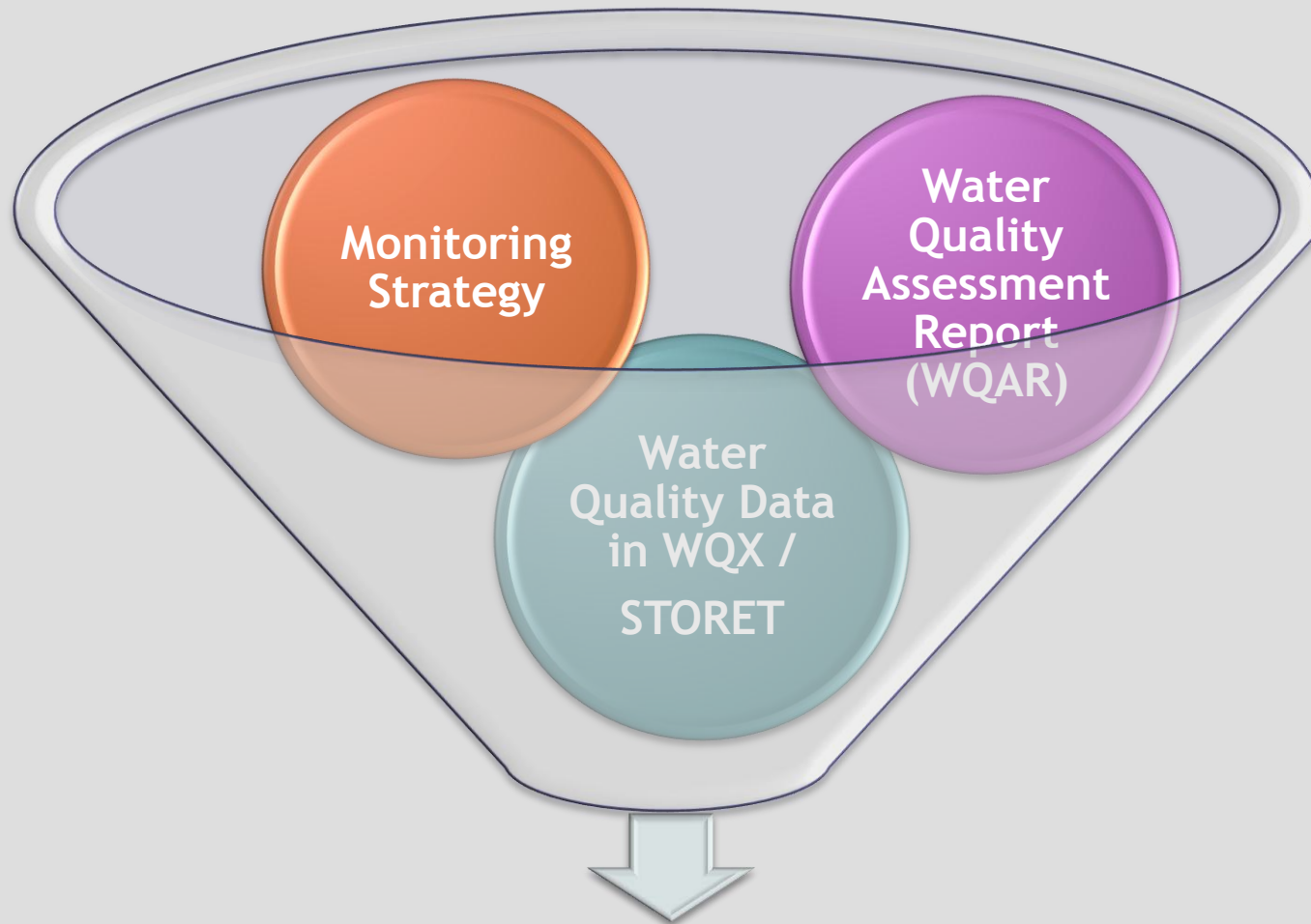
Core Water Quality Standards Discussion

Ken Norton, Hoopa Valley Tribe

R9 Water Program Updates

Janis Gomes and Audrey Johnson

CWA § 106 Reporting Requirements



Document Environmental Results in Indian Country

Region 9 Pilot: WQAR Template

Purpose: A way to document progress and environmental results from tribal WQ programs.

PILOT: CLEAN WATER ACT §106 TRIBAL WATER QUALITY ASSESSMENT REPORT TEMPLATE (EPA Region 9)

This template is designed as one of two components of the annual Water Quality Assessment Report requirement of the CWA §106 Guidance for Tribes. In order to fully meet the requirement, you should fill out this template as well as the narrative outline (component two) which describes your monitoring program and assessment methods, and submit STORET-compatible electronic data (component three) to EPA.

DIRECTIONS FOR NARRATIVE OUTLINE: Fill out the included Narrative Template using a word processing program. Refer to your CWA 106 Monitoring Strategy and Appendix A of the CWA §106 Guidance for general information on developing a water quality monitoring program. You can obtain a copy of the Narrative Outline and CWA 106 Guidance from your Project Officer.

DIRECTIONS FOR ASSESSMENT TEMPLATE: Refer to the Assessment Template Tutorial to fill out your answers below. Enter your answers below each column. Some questions offer a drop-down list for you to choose a single response, or a list of checkboxes for you to choose from in order to select multiple answers. This spreadsheet is divided into 3 tabs at the lower-left corner of the screen:

The first **blue** tab allows you to describe your CWA §106 water quality monitoring program. Columns 1 through 11 are required for all tribes (regardless of maturity level). Please fill out columns 12 through 16 only if you have this information.

The second **yellow** tab applies to tribes implementing any watershed restoration projects (including those funded by CWA §319 - Nonpoint Source Pollution Control).

The third **green** tab includes instructions for filling out these questions and provides definitions of some terms. You can also click on category links in the blue and yellow tabs to view these definitions.

Tribe: (Type Tribe name)		Project Period: (Type Project Period)		TOTAL STREAM MILES: (Type number here)		TOTAL LAKE ACRES: (Type number here)		TOTAL WETLAND ACRES: (Type number here)		TOTAL ESTUARY SQUARE MILES: (Type number here)		THESE COLUMNS ARE OPTIONAL FOR FUNDAMENTAL TRIBES DEPENDING ON AVAILABLE INFORMATION				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Waterbody Name/Identifier	Waterbody Type	Total Distance or Area	Units of measure	Distance or Area Monitored	Number of monitoring stations	Parameters Monitored	Tribal Goal or Designated Use for this Waterbody	Current Water Quality Status	Change in water quality since start of project period	Waterbody restoration project on this waterbody	Distance or Area fully covered by assessment	Distance or Area not covered by assessment	Distance or Area not covered by assessment	Parameter(s) identified or assessed	Identified Source(s) of impairment	
Wendell Lake	Lake	50.0	mile	40.0	4	pH ☒ Yes Temperature ☒ Yes Dissolved Oxygen ☒ Yes Turbidity ☒ Yes Total Phosphorus ☒ No Total Nitrogen ☒ No E. coli ☒ Yes Enterococci ☒ No Macroinvertebra ☒ No Baric Habitat ☒ No Other parameter ☒ No	Assess Water Quality ☒ Yes Primary Contact (swimming) ☒ Yes Secondary Contact (recreation) ☒ No Cultural Use ☒ Yes Drinking Water ☒ No Fish/Shellfish Safe To Eat ☒ No Agricultural Irrigation ☒ No Aquatic Life and Wildlife ☒ No Livestock Watering ☒ No Rare Red Endangered Species ☒ No Other ☒ No	Impaired (known source - identify in column 16)	Further degraded	Yes (Describe in Yellow Tab #2)		25.0	25.0	25.0	pH ☒ No Temperature ☒ No Dissolved Oxygen ☒ Yes Turbidity ☒ Yes Total Phosphorus ☒ No Total Nitrogen ☒ Yes E. coli ☒ Yes Enterococci ☒ No Macroinvertebra ☒ No Baric Habitat ☒ No Other parameter ☒ No	Agriculture (Livestock)
	Chas...		Chas...			pH ☒ Chas... Temperature ☒ Chas... Dissolved Oxygen ☒ Chas... Turbidity ☒ Chas... Total Phosphorus ☒ Chas... Total Nitrogen ☒ Chas... E. coli ☒ Chas... Enterococci ☒ Chas... Macroinvertebra ☒ Chas... Baric Habitat ☒ Chas... Other parameter ☒ Chas...	Assess Water Quality ☒ Chas... Primary Contact (swimming) ☒ Chas... Secondary Contact (recreation) ☒ Chas... Cultural Use ☒ Chas... Drinking Water ☒ Chas... Fish/Shellfish Safe To Eat ☒ Chas... Agricultural Irrigation ☒ Chas... Aquatic Life and Wildlife ☒ Chas... Livestock Watering ☒ Chas... Rare Red Endangered Species ☒ Chas... Other ☒ Chas...	Impaired (known source - identify in Column P)	Chas...	Chas...				pH ☒ Chas... Temperature ☒ Chas... Dissolved Oxygen ☒ Chas... Turbidity ☒ Chas... Total Phosphorus ☒ Chas... Total Nitrogen ☒ Chas... E. coli ☒ Chas... Enterococci ☒ Chas... Macroinvertebra ☒ Chas... Baric Habitat ☒ Chas... Other parameter ☒ Chas...	Chas...	
	Chas...		Chas...			pH ☒ Chas... Temperature ☒ Chas... Dissolved Oxygen ☒ Chas... Turbidity ☒ Chas... Total Phosphorus ☒ Chas... Total Nitrogen ☒ Chas... E. coli ☒ Chas... Enterococci ☒ Chas... Macroinvertebra ☒ Chas... Baric Habitat ☒ Chas... Other parameter ☒ Chas...	Assess Water Quality ☒ Chas... Primary Contact (swimming) ☒ Chas... Secondary Contact (recreation) ☒ Chas... Cultural Use ☒ Chas... Drinking Water ☒ Chas... Fish/Shellfish Safe To Eat ☒ Chas... Agricultural Irrigation ☒ Chas... Aquatic Life and Wildlife ☒ Chas... Livestock Watering ☒ Chas... Rare Red Endangered Species ☒ Chas... Other ☒ Chas...	Chas...	Chas...	Chas...				pH ☒ Chas... Temperature ☒ Chas... Dissolved Oxygen ☒ Chas... Turbidity ☒ Chas... Total Phosphorus ☒ Chas... Total Nitrogen ☒ Chas... E. coli ☒ Chas... Enterococci ☒ Chas... Macroinvertebra ☒ Chas... Baric Habitat ☒ Chas... Other parameter ☒ Chas...	Chas...	

Region 9 Pilot: Draft Water Quality Assessment Report

- The WQAR Template was developed and released last year by EPA Region 9 and the RTOC Clean Water Act Work group as a mechanism to describe water quality in R9 Indian Country .
- All comments received were reviewed and incorporated into a new and improved version of the R9 Pilot WQAR.
- Draft Version 2010 was sent out to Tribes via email on Monday, July 19, 2010 for review and comment.

(Tab 1)
EPA Region 9 Pilot
Clean Water Act §106 Tribal Water Quality Assessment
Report (WQAR) Template
Version 2010
INSTRUCTIONS

This pilot template fulfills the annual water quality assessment reporting requirement per the CWA 106 Guidance. To meet this requirement, use the most current tribal water quality data available (i.e. data in STORET-compatible format) to fill out this template and write the narrative.

Tab 2: WQAR Template

IMPORTANT: Please use separate entries for each monitoring station. This may result in more than one entry per waterbody.

Column #	Column Title	Description
1	Waterbody Name/Identifier	Provide the name of the waterbody, or a code your tribe uses for the waterbody.
2	Waterbody Type	Choose from the drop down menu. You can enter your own value if not listed.
3	Monitoring Station Located on Reservation	Indicate whether the monitoring station on the waterbody is within reservation boundaries.
4	Monitoring Station ID	Please type in your monitoring location ID. List only one monitoring station for each entry within the template. If your data is in WQX format, use this location ID.
5	Distance or Area Monitored or Assessed	Indicate the distance or area of waterbody monitored. Please estimate to the nearest 10th of your unit of measure (i.e. 5.2 miles). See Definitions, Tab 6).
6	Units of Measure	Choose from the drop down menu or fill in your own value.
7	Frequency of Monitoring	Please type in the number of times water quality samples are collected at this monitoring station during the monitoring period. If using a continuous datalogger, describe frequency (e.g. daily, hourly, etc.)
8	Parameters monitored	Choose which parameters are monitored. You may add up to 5 additional parameters.
9	Tribal Goal or Designated Use for this Waterbody	Choose "Yes" or "No" for each goal/use listed, depending on whether or not it applies to this waterbody. You may add up to 5 additional designated uses of your choice. See Definitions, Tab 6.
10	Change in Water Quality Status	Choose the change in water quality status since the beginning of the project period. See Definitions, Tab 6.
11	Current Water Quality Status	Choose the current water quality status of the waterbody. If "Pristine" or "Satisfactory", skip columns 12-15. If "Impaired", complete columns 12-15. See Definitions, Tab 6.

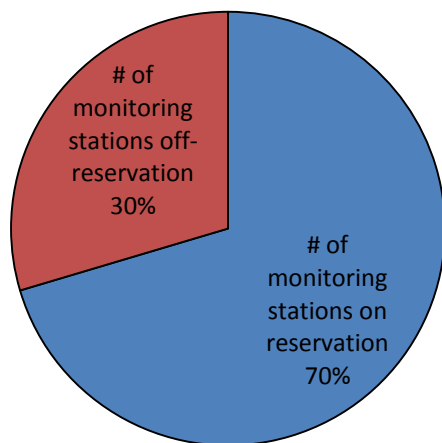
Tab 3: Atlas of Tribal Waters

1	ATLAS OF TRIBAL WATERS (On Reservation)			Off-Reservation
2		Total	Monitored	Monitored (optional)
3	STREAM MILES:	(Type number here)	(Type number here)	(Type number here)
4	LAKE AND RESERVOIR ACRES:	(Type number here)	(Type number here)	(Type number here)
5	WETLAND ACRES:	(Type number here)	(Type number here)	(Type number here)
6	ESTUARY OR COASTAL WATER SQUARE MILES:	(Type number here)	(Type number here)	(Type number here)

Tab 4: Watershed Restoration Projects

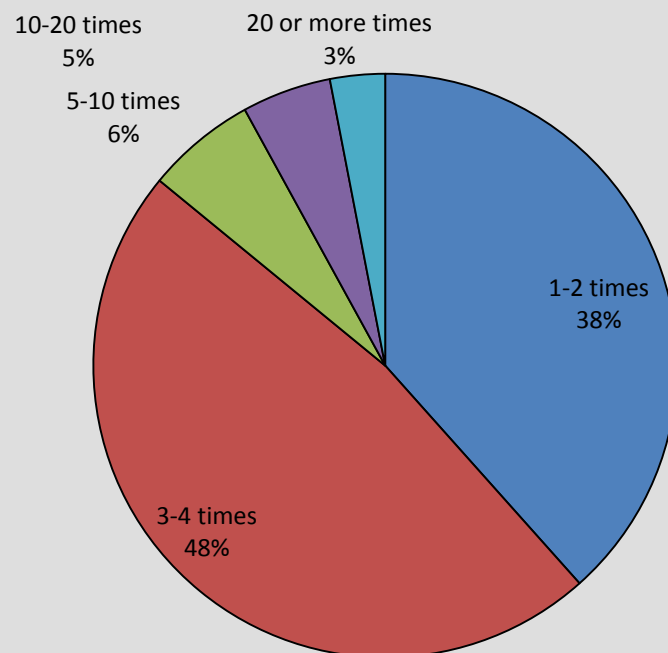
A	B	C	D	E	F	G	H	I	J
CWA §319 Project	Waterbody or Watershed Targeted by Project	<u>Best Management Practice(s) (BMPs) Implemented</u>	Total BMP Length or Area	BMP Units	Project Status	Pre-Project Data	Post-Project Data	Monitoring Location ID (WQX)	Project Cooperators
Yes	Wendell Wash	Fencing/Barrier Control	4.6	miles (mi)	In Progress	Yes	Yes	Wendell001	BOR
		Waste Removal	1.5	miles (mi)					
		Seeding/Mulching	0.4	acres (ac)					

Percent of Monitoring Stations On and Off-Reservation

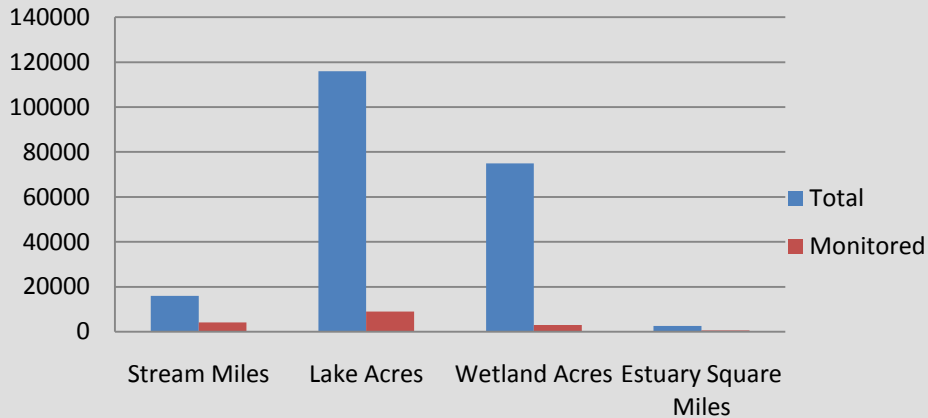


Water Quality Monitoring in Indian Country

Frequency of Monitoring at Each Station

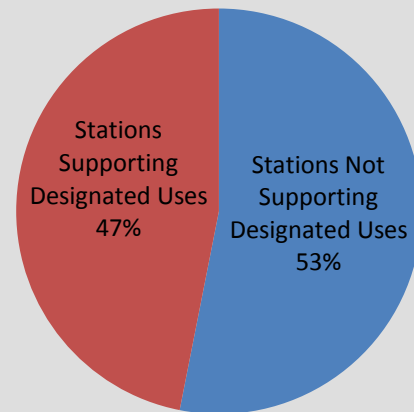


Atlas of Tribal Waters on Reservation



Evaluating Water Quality

Percent of Waters Meeting Designated Uses



Next Steps...

- R9 is committed to changing the template based upon the comments received from tribes
 - Please submit your comments of the DRAFT WQAR Version 2010 to your PO by *August 13, 2010*
 - Our goal is to make it user-friendly, efficient and an effective means of tracking water quality changes in your environmental office
- This is an ongoing PILOT...Tribes are strongly encouraged to fill out this format, *however* the WQAR Template is *not required*

For Questions re: WQAR Template Contact Us

- Audrey L Johnson
Johnson.audreyL@epa.gov; (415) 972-3431
- Janis Gomes
Gomes.janis@epa.gov; (415) 972-3517
- Christopher Chen
Chen.christopher@epa.gov; (415) 972-3442
- Your CWA 106 Project Officer

Cwa section 319 Nonpoint source program updates

A series of horizontal lines in teal and light blue colors, with some lines having a slight 3D effect, extending across the width of the slide.

PROGRAM ELIGIBILITY REMINDER

- DUE DATE for Approvals – October 8, 2010
 - NPS Assessment Report & Management Plan
 - TAS Application
- DEADLINE for FY2012 funds is 2nd Friday of October in 2011.
- Contact your CWA 106 Project Officer!

NPS BASE GUIDELINES UPDATE

- Letter sent from EPA HQ to all Tribes via email on July 7, 2010
- Any comments / suggestions, please contact Nancy Arazan at 202-566-0815



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

July 7, 2010

OFFICE OF
WATER

Dear Tribal Environmental Staff:

The U.S. Environmental Protection Agency's (EPA) Office of Water is updating the Guidelines for Awarding Clean Water Act Section 319 Base Grants to Indian Tribes Under Clean Water Act Section 319 for FY 2011 and beyond. EPA is making a few minor administrative changes to clarify the guidelines and make them more user friendly. The updated guidelines will be in effect for Fiscal Year 2011 beginning on October 1, 2010, and will replace the current guidelines from October 2006 (posted at: <http://www.epa.gov/nps/tribal/pdf/fy07tribal319.pdf>).

The updated guidelines will be very similar to the current guidelines from October 2006. The only changes that will be made are as follows:

- The updated guidelines will only address the process for awarding CWA Section 319 base grants to Indian Tribes and will be printed in the Federal Register as a stand-alone document (separate from the annual Request for Proposals for Section 319 competitive grants).
- Under the updated guidelines, each EPA Region will be establishing its own due date for submission materials for Section 319 base grants. Under the current guidelines, submission materials for base and competitive grants are due at same time. This change to the guidelines will allow the EPA Regions and Tribes to coordinate the processes and schedules for Tribes' development and Regional review of annual program work plans for Section 319 base grants together with other major tribal grant programs, including the CWA Section 106 Tribal Water Pollution Control Grant Program and the General Assistance Program. The EPA Regions will notify Headquarters by a set date of all the Section 319 base grant funding requests in order to determine the available funding amount for Section 319 competitive grants. EPA Headquarters will post online at www.epa.gov/nps/tribal a schedule of the due dates for submission material for Section 319 base grants established by each EPA Region, so that the information will be accessible in one central location.
- Information on how to calculate the match will be included in the updated guidelines. This information will be the same as the match table that was provided as an example in the Fiscal Year 2010 competitive grant Request for Proposals -- FY 2010 Request for Proposals from Indian Tribes and Intertribal Consortia for Nonpoint Source Management Grants Under Clean Water Act (CWA) Section 319.

Changes to Base Guidelines

- Stand-alone document - Currently with the FY2007 Competitive RFP
- Regional Due Date for BASE Submissions
- Instructions on calculating match
- Submission methods to include FAX
- Clarify process to include BASE funds in a PPG

NPS Program WEBINAR

Money & Surprises: Leveraging Funds for NPS
Projects and Revising your NPS Management Plan
& work plan due to Emergencies

August 19, 2010 (Thursday)
10:00am – 12:00pm (PST)

To register go to:

[http://event.on24.com/r.htm?e=229745&s=1&k=0A
D393D618CFCCED6AF98616F499C1EA](http://event.on24.com/r.htm?e=229745&s=1&k=0AD393D618CFCCED6AF98616F499C1EA)

ANY QUESTIONS?

Please contact:

Tiffany Eastman

EPA Region 9 Tribal NPS Program Coordinator

Eastman.tiffany@epa.gov



Workshop and Training Announcements



Save the Date!

WQX/STORET Tribal User Workshop

- **Purpose:** To offer support and training to participants regarding *WQX/STORET* data management procedures, familiarize users with on-line tools and introduce the benefits of documenting tribal water quality environmental results.
- **Date:** August 24-26, 2010
- **Location:** EPA, Region 9 Office, San Francisco, CA
- **Contact Information:**
 - **Audrey L Johnson:** johnson.audreyL@epa.gov (415) 972-3431
 - **Christopher Chen:** chen.christopher@epa.gov (415) 972-3442

Registration information and draft agenda to be available around June 2010

Joint EPA/NRCS Workshop

- **Annual EPA Region 9 Clean Water Act Section 319 – Nonpoint Source workshop for Tribes**
- Purposes: Learn from experts about Best Management Practices techniques in the field and tools in addressing polluted runoff at the watershed level.
- September 14 – 16, 2010
- Location: Washoe Tribe in Gardnerville, NV

Registration information and draft agenda to be available
by late July 2010 or early August 2010