

## US EPA Region 9 and Colorado River Indian Tribes (CRIT)

**Tribal Clean Water Act Programs Workshop**

*~Tribal Spirits Sharing Knowledge ~ A Warrior's Heart Hunting for Solutions ~  
~ Joining Together as One to Protect Mother Earth~*

**May 15 – 19, 2017**

**BlueWater Resort  
Parker, AZ**

**PURPOSE:** To provide and share technical information and strategies to support monitoring, assessment, protection of water quality and prevention of polluted runoff on tribal lands and in watersheds.

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# AGENDA

## Monday, May 15, 2017

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| 7:00am – 5:00pm | Workshop Registration  |
| 8:00am – 8:15am | Tribal Invocation<br><i>Tribal Elder, CRIT</i>   |
| 8:15am – 8:30am | Welcome / Opening Remarks<br><i>Chairman Dennis Patch, CRIT</i>  |
| 8:30am – 8:45am | Morning Mixer and Introductions<br><i>CRIT Environmental Protection Office</i>   |
| 8:45am – 9:00am | Workshop Overview and Student Expectations<br><i>Danielle Angeles and Audrey L Johnson, US EPA</i>                       |
| 9:00am – 9:30am | Introduction to Clean Water Act (CWA) Programs<br><i>Danielle Angeles, US EPA</i><br><i>Alex Cabillo, Hualapai Tribe</i> |

### **PART I: Clean Water Act Section 106**

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| 9:30am – 9:45am | Tribal Monitoring Goals, Strategies, and Objectives<br><i>Jacky Barnum, Cabazon Band of Mission Indians</i> |
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- 9:45am – 10:15am      Establishing a Baseline Monitoring Program  
*Doyle Wilson, Water Resources Coordinator, Lake Havasu City*
- 10:15am – 11:15am      PANEL: How does the CWA 106 Program Support Tribal Goals and Objectives  
*Alex Cabiilo and Alvin Crook, Hualapai Tribe*  
*Jim Duffield, Hopi Tribe*  
*Eddie Hernandez, Pechanga Band of Luiseno Indians*
- 11:15am – 12:15pm      LUNCH BREAK
- 12:15pm – 12:30pm      Afternoon Mixer  
*Larry Maurin and Kate Pinkerton, US EPA*
- 12:30pm – 1:00pm      Developing a Monitoring Strategy  
*Chris Ott, Dry Creek Rancheria*
- 1:00pm – 1:30pm      Developing a Quality Assurance Program Plan  
*Bob Hall, US EPA*

## **PART II: Clean Water Act Section 106 & DATA**

- 1:30pm – 2:15pm      Organizing Water Quality Monitoring Data  
*Joe Montana, Alex Cabiilo and Alvin Crook, Hualapai Tribe*
- 2:15pm – 3:00pm      Analysis of Water Quality Monitoring Data / Water Quality Assessment Report  
*Jacky Barnum, Cabazon Band of Mission Indians*  
*Shawn Muir, Twenty-Nine Palms Band of Mission Indians*
- 3:00pm – 3:15pm      Tools of the Trade – Help for Water Quality Data Analysis  
*Kate Pinkerton, US EPA*
- 3:15pm – 3:25pm      BREAK
- 3:25pm – 3:50pm      GIS Data – What Can It Tell Us About Water Quality  
*Joe Montana, Hualapai Tribe*
- 3:50pm – 4:50pm      Developing a Groundwater Monitoring Strategy  
*Levi Anderson and Shawn Muir, Twenty-Nine Palms Band of Mission Indians*
- 4:50pm – 5:00pm      Daily Wrap-Up and Overview of Part III & IV of workshop  
*US EPA Staff*
- 5:30pm                      *OPTIONAL: Social Mixer at the River's Edge Cantina and Bluewater Resort and Casino Island*

## Tuesday, May 16, 2017

- 8:00am – 8:15am      Morning Starter  
*Larry Maurin and Kate Pinkerton, US EPA*
- 8:15am – 9:00am      Bridging the CWA Programs  
*Audrey L Johnson, US EPA*  
*Amber Tyson, Yavapai-Prescott Indian Tribe*
- 9:00am – 10:00am      CWA 106 and 319 Program Outreach and Education  
*John Parada, Augustine Band of Cahuilla Indians*

### **PART III: Field Tour #1**

- 10:00am – 10:30am      Overview of Field Tour & Sites  
*Wilfred J. Nabahe, Director, CRIT Environmental Protection Office*
- 10:30am – 11:30am      Break to Purchase Your Own Lunch  
*Participants shall find a location to purchase lunch. You have the option to eat at the picnic tables at the Ahakhav Tribal Preserve prior to the field tour OR eat prior to travelling to the Ahakhav Tribal Preserve. Carpool Drivers will determine which option is best for those travelling in their cars.*
- 11:30am – 5:00pm      CRIT Field Tour at the Ahakhav Tribal Preserve

## Wednesday, May 17, 2017

- 8:00am – 8:15am      Morning Starter  
*Larry Maurin and Kate Pinkerton, US EPA*
- PART IV: Clean Water Act Section 319 – Nonpoint Source Program**
- 8:15am – 8:35am      Identifying Nonpoint Sources (NPS) of Pollution  
*Lorinda Antone, Ak-Chin Indian Community*
- 8:35am – 9:15am      PANEL: How Does the CWA 319 Program Support Tribal Goals and Objectives  
*Steven Escobar, Chemehuevi Indian Tribe*  
*Gina Leverette, Salt River Pima-Maricopa Indian Community*  
*John Sterling, Yavapai Prescott Indian Tribe*
- 9:15am – 9:55am      Developing a NPS Assessment Report and Management Plan  
*Audrey L Johnson, US EPA*  
*Emily Luscombe, Coyote Valley Tribe*
- 9:55 am – 10:15am      BREAK

10:15am – 10:45am	Protection of Groundwater Sources <i>Lionel Puhuyesva, Hopi Tribe</i>
10:45am – 11:15am	Aftereffects of a Fire <i>Daniel Pusher, White Mountain Apache Tribe</i>
11:15am – 12:00pm	Harmful Algal Blooms <i>Steven Escobar, Chemehuevi Indian Tribe</i> <i>Karola Kennedy, Elem Indian Colony</i>
12:00pm – 1:00pm	LUNCH BREAK
1:00pm – 1:45pm	What is Watershed Planning? <i>Danielle Angeles, US EPA</i> <i>Doyle Wilson, Water Resource Coordinator, Lake Havasu City</i>
1:45pm – 2:05pm	Model My Watershed Tool <i>Kate Pinkerton, US EPA</i>
2:05pm – 2:50pm	Leveraging Funding: CWA Section 104(b)(3) Wetlands Development Grants <i>Kate Pinkerton, US EPA</i> <i>Jim Duffield and Max Taylor, Hopi Tribe</i>
2:50pm – 3:05pm	BREAK
3:05pm – 4:40pm	PANEL: Leveraging Funding from other Federal Grant Programs <i>Chris Ott, Dry Creek Rancheria</i> <i>Emily Luscombe, Coyote Valley Tribe</i> <i>Tom Keegan, Tribal Specialist, California Rural Water Associates</i> <i>John Nystedt, AESO Tribal Coordinator, US Fish and Wildlife Service</i> <i>Terry Hall, Farm Bill Specialist, USDA-NRCS</i> <i>Tom Reis, Area Resource Conservationist, USDA-NRCS</i>
4:40pm – 5:00pm	Daily Wrap-Up and Overview of Part V & VI of workshop <i>US EPA Staff</i>

**Thursday, May 18, 2017**

**PART V: Field Tour #2**

8:00am – 8:15am	Morning Starter <i>Larry Maurin and Kate Pinkerton, US EPA</i>
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- 8:15am – 8:45am Overview of Field Tour & Sites  
*Terry Dock, Water Quality Specialist, CRIT Environmental Protection Office*
- 8:45am – 12:00pm CRIT Field Tour
- 10:30am-12:30pm Optional: Participate in the USEPA Webinar: Waters of the United States  
*The US EPA is initiating consultation and coordination with federally recognized Indian tribes on a forthcoming proposal to revise the definition of “waters of the United States”. The webinar is an informational session offered by US EPA Headquarters.*  
NOTE: *The slides shared on the webinar will be very similar to those shown during the R9 RTOC breakout session held on Thursday, May 4, 2017*
- 12:00pm – 1:00pm LUNCH BREAK

**PART VI: Introduction to Water Quality Standards Program**

- 1:00pm – 2:00pm Applying for Treatment in a manner similar as a State (TAS) & Reinterpretation  
*Danielle Angeles, US EPA*
- 2:00pm – 2:45pm Designated Uses / Beneficial Uses  
*Stephanie Wilson, US EPA*  
*Alex Cabillo, Hualapai Tribe*
- 2:45pm - 3:00pm BREAK
- 3:00pm – 3:45pm Introduction to Criteria  
*Stephanie Wilson, US EPA*  
*Lionel Puhuyesva, Hopi Tribe*
- 3:45pm – 4:30pm Antidegradation and General Policies  
*Stephanie Wilson, US EPA*
- 4:30pm – 5:00pm Daily Wrap-Up and Overview of rest of Part VII of workshop  
*US EPA Staff*

**Friday, May 19, 2017**

- 8:00am – 8:15am Morning Starter

**PART VII: Introduction to Water Quality Standards Program (continued)**

- 8:15am – 8:45am Triennial Review  
*Kameron Morgan, Pyramid Lake Paiute Tribe*

8:45am – 9:15am	Model WQS Template <i>Stephanie Wilson, US EPA</i>
9:15am - 9:30am	Introduction to 401 Certification <i>Stephanie Wilson, US EPA</i>
9:30am - 10:00am	Case Study: 401 Certification Program <i>Kameron Morgan, Pyramid Lake Paiute Tribe</i>
10:00am – 10:30am	Introduction to NPDES Permits <i>Stephanie Wilson, US EPA</i>
10:30am – 10:45am	BREAK
10:45am – 11:05am	How to Review and Comment on General Permits <i>Shawn Muir, Twenty-Nine Palms Band</i>
11:05am – 11:30am	How Tribes Can Use WQS to Review NPDES Discharge Permits <i>Dan Mosley</i>
11:30am – 12:30pm	LUNCH BREAK
12:30pm – 1:30pm	Introduction to 303(d) Rule / TMDLs <i>Stephanie Wilson, US EPA</i>
1:30pm – 2:15pm	Outreach and Communication <i>Ken Norton, Hoopa Tribe</i>
2:15pm - 2:30pm	Triennial Review Process Requirements <i>Stephanie Wilson, US EPA</i>
2:30pm – 3:15pm	PANEL: How Does a WQS Program Support Itself <i>Alex Cabillo, Hualapai Tribe</i> <i>Lionel Puhuyesva, Hopi Tribe</i> <i>Ken Norton, Hoopa Tribe</i>
3:15pm – 4:00pm	Closing Remarks and Evaluations <i>CRIT Environmental Protection Office and US EPA</i>