

# Tribal Lands and Environment Forum: A National Conversation on Tribal Land and Water Resources

August 14-17, 2017  
Tulsa, Oklahoma



The Muscogee (Creek) Nation's Council Oak Tree in Tulsa, Oklahoma.

## Conference Booklet

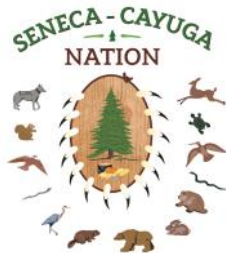
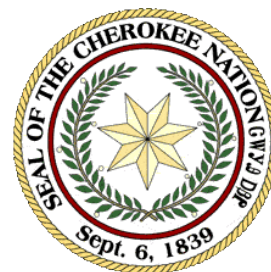


*The Institute for Tribal Environmental Professionals (ITEP) and the National Tribal Waste and Response Assistance Program (TWRAP) Steering Committee are proud to bring you the 2017 Tribal Lands and Environment: A National Conversation on Tribal Land and Water Resources. This event is made possible by a grant from the US Environmental Protection Agency's Office of Land and Emergency Management (OLEM) and Office of Water (OW).*

# Thank You to All the Local Tribe's Who Assisted Us This Year!

The Tribal Lands and Environment Forum Team would like to sincerely thank the many Oklahoma Tribes that provided such wonderful assistance in planning this year's Forum.

Their assistance proved invaluable in planning many special field trips, providing a variety of artists who will be in the exhibitor/vendor area, participating in both our opening and closing plenaries, and sharing their stories in trainings and breakout sessions. Their generosity also made possible the many special events and activities we were able to add to this year's Forum. We sincerely appreciate their warm hospitality!



Modoc Tribe of Oklahoma



Wyandotte Tribe of Oklahoma



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# About the Tribal Lands and Environment Forum

The 2017 Tribal Lands and Environment: A National Conversation on Tribal Land and Water Resources is a joint effort between the Institute for Tribal Environmental Professionals (ITEP), The National Tribal Waste and Response Assistance Program (TWRAP) Steering Committee, and USEPA's Office of Land and Emergency Management (OLEM) and Office of Water (OW). This is the seventh annual forum for environmental professionals from tribes, EPA, State/Local/Federal agencies, and other interested parties to meet, share knowledge and learn from one another how to improve management and protection of tribal lands and human health. Opportunities for discussion of budget and policy issues as well as technical updates and information will be available throughout the conference. Additionally, training sessions, tribe-to-tribe sharing, educational outreach projects, and many more sessions will enhance both learning and networking among attendees. The Tribal Lands and Environment Forum is made possible by funding from the US Environmental Protection Agency.

## Forum Staff

On-site support staff are available to assist you during the forum and will be available at the registration table located outside of the Tulsa Ballroom, near the North Ballroom Gallery.

## Registration

The Forum Registration table is available Sunday from 4:00pm to 6:00pm, Monday 6:30am to 6:00pm, and Tuesday from 7:00am to 1:30pm, outside the Tulsa Ballroom. Attendees were asked to sign up in advance for trainings and field trips; however, sign-up sheets will be available at the Registration table for those trainings and field trips with space available.

## Refreshments

Light refreshments will be provided in the mornings and afternoons of Monday through Thursday. Refreshments will be located with the vendors in the North Ballroom Gallery.

## Raffle

Each attendee will receive one ticket when they register at the desk. Drawings will take place at the registration desk on Tuesday and Wednesday at noon. Winning numbers will be written up on the message board, so be sure to stop by the registration desk to see if you've won. A final raffle drawing will take place during the closing plenary on Thursday afternoon.

## Photographs

Photographs will be taken during this publicly-sponsored event. Photos will be used for outreach by ITEP in the form of publications, websites, brochures, and other media.

## Website for Conference Materials

After the conference, please visit ITEP's 2017 Tribal Lands and Environment Forum website to download pictures, presentations, handouts and other materials from the conference. A networking list of all attendees will also be available at [nau.edu/itep/main/conferences/confr\\_tlef](http://nau.edu/itep/main/conferences/confr_tlef)

## Evaluations

Evaluations will be conducted online after the forum. Requests to complete evaluations will be emailed to all participants. You will also be able to access the evaluation through the Tribal Lands and Environment Forum website at [nau.edu/itep/main/conferences/confr\\_tlef](http://nau.edu/itep/main/conferences/confr_tlef)





## Euchee Butterfly Farm and Natives Raising Natives

The Euchee Butterfly Farm specializes in the rearing of butterflies native to Oklahoma, and is operated by citizens of the Muscogee (Creek) Nation. The Farm is also a founding member of the **Tribal Environmental Action for Monarchs** coalition, the only tribal partnership currently engaged in the fight to save the monarch butterfly.

The mission of the Euchee Butterfly Farm is:

- To create economic independence for the tribal people of Oklahoma through ecologically sustainable butterfly farming;
- To restore habitat and promote conservation of native species of butterflies;
- To use butterflies as a hands-on educational tool to get youth excited about science.

Their flagship program is the **Natives Raising Natives Project**. This unique initiative is providing 100 tribal members in Oklahoma with all of the necessary training, supplies and equipment at no-cost to raise native butterflies on their own land. The Farm will process the sales -- with payments going directly to the farmers -- providing employment which is otherwise scarce in economically depressed rural areas. The Euchee Butterfly Farm is located on original Creek allotment land which has been in Jane Breckinridge's (the director) family for five generations, and she and her team want to make that land economically productive - but not at the expense of the environment. They see butterfly farming as the perfect opportunity to conserve native Oklahoma plants and animals, and to honor their own Native heritage and lands. For more information please visit [www.nativebutterflies.org/](http://www.nativebutterflies.org/).

## Grey Snow Eagle House

The Iowa Tribe of Oklahoma's Grey Snow Eagle House first opened in January 2006 through funds provided by the U.S. Fish and Wildlife Services and the Iowa Tribe of Oklahoma. The Grey Snow Eagle House operates under several U.S. Fish and Wildlife permits which allow it to successfully conduct four distinct programs. The Grey Snow Eagle House is the only facility in the country that possesses this combination of permits thereby allowing them to complete their mission. The **Rehabilitation** program allows them to bring in injured eagles from Oklahoma and work with their vet, Dr. Paul Welch, to release them back into the wild. The **Religious Use** permit allows them to provide homes to eagles from around the country that are non-releasable because of their injuries, but still have quality of life, so that they can live out their life in peace. It also allows for naturally molted feathers to be distributed out to Iowa Tribal members. The **Education** permit allows them to take trained raptors around the state to teach the public about the conservation of eagles, raptors, and American Indian beliefs. Finally, the **Research** permit allows them to have a partnership with Oklahoma State University for the conservation of eagles. This research includes detailed population genetics and genomics research done on eagles from throughout their North American range so that new information can be discovered and used to aid in management decisions.

Currently, they have had over 12,000 visitors from all over the US and the world visit their facility, while offsite presentations have provided education for at least another 10,000. As of April 2016, the eagle aviary has successfully released 20 eagles back into the wild. These had various eagle injuries that were caused by gun shots, broken bones, or soft tissue injuries. The eagle aviary currently consists of six large cages built to accommodate the needs of eagles, an ICU room, quarantine cages, education cages, and feeder animal operations. For more information visit [eagles.iowanation.org/](http://eagles.iowanation.org/).





# About ITEP

## The Institute for Tribal Environmental Professionals



The Institute for Tribal Environmental Professionals (ITEP) was created to act as a catalyst among tribal governments, research and technical resources at Northern Arizona University (NAU), various federal, state and local governments, and the private sector, in support of environmental protection of Native American natural resources. ITEP was established at NAU in 1992, and accomplishes its mission through several programs.

### **Tribal Waste and Response Assistance Program (TWRAP):**

TWRAP provides training and assistance to tribes in the areas of concern such as solid waste, brownfields, contaminated sites, hazardous materials, underground storage tanks, and emergency response. TWRAP also provides targeted assistance to Alaska Native Villages.

### **Tribal Solid Waste Education and Assistance Program (TSWEAP):**

TSWEAP is dedicated to providing tribal professionals working in the field of solid waste with trainings, technical assistance, peer-to-peer matching, and on-site mentoring opportunities. Assistance is provided with developing and implementing Tribal Integrated Solid Waste Management Plans, Tribal solid waste codes, and a variety of source reduction and waste diversion strategies.

### **Air Quality:**

ITEP's American Indian Air Quality Training Program (AIAQTP) provides training and educational outreach for tribal environmental staff all over the United States, including Alaska. The various projects and services provided by AIAQTP include: Assisting in the building of tribal capacity for air quality management; Providing high-quality, up-to-date training that is immediately relevant to tribes; Enhancing communication skills to promote collaboration and networking.

### **Tribal Air Monitoring Support (TAMS) Center:**

One of the key components of ITEP's air quality program is the TAMS Center which was created through a partnership between tribes, ITEP and the US EPA. It is the first technical training center designed specifically to meet the needs of tribes involved in air quality management and offers an array of training and support services to tribal air professionals.

### **Climate Change:**

ITEP has developed a resource and training program to address tribal climate change issues. ITEP's efforts strive to help tribes to better understand climate change and to develop strategies for dealing with changing climate patterns through adaptation and mitigation, and emphasizes both science and traditional knowledge.

### **NEIEN:**

ITEP is working with the Tribal Governance Group (TGG) and EPA's Office of Environmental Information (OEI) to support tribal involvement in the National Environmental Information Exchange Network (NEIEN or "Network"). The NEIEN is a collaborative endeavor that strives to support better environmental decisions through improved exchange of, and access to, environmental data and information. This effort will focus on expanding tribal participation in the NEIEN, which is guided by representatives from States, Territories, Tribes, and EPA. ITEP will work with tribes to facilitate a unified tribal voice amongst the NEIEN partners, and identify ways to help foster projects and initiatives that are both relevant and sustainable for tribes.

### **Education and Outreach:**

The purpose of the Environmental Education Outreach Program (EEOP) is to interest Native American students in environmental careers and to assist schools in improving environmental science literacy.

### **Resources:**

ITEP provides a large number of resources for tribes on a variety of environmental issues. Many of these resources have been collected from federal agencies, non-profit organizations, and other tribes. The resource clearinghouse is an invaluable asset to tribes as they develop their environmental program capacity. ITEP programs rely heavily on tribal input and participation. Tribal environmental professionals are recruited as instructors, researchers, advocates and collaborators, where their expertise and experience serves as a valuable resource and contributes significantly to ITEP's success.

# About TWRAP



## The Tribal Waste and Response Assistance Program

Since 2008 ITEP has worked in cooperation with the USEPA's Office of Land and Emergency Management (OLEM) under the Tribal Waste and Response Assistance Program (TWRAP). The activities of this program include:

- Working with the TWRAP Steering Committee, a Tribal Partnership Group composed of tribal professionals working in the fields of waste management, contaminated sites (including Superfund and federal facilities), Underground Storage Tanks, brownfields, and emergency response programs. This steering committee works closely with ITEP on all tasks associated with this program, and ensure a two-way communication between tribes and OLEM.
- Delivering the annual Tribal Lands and Environment Forum, as well as special trainings. You are at the seventh Forum and we hope you find it interesting and useful!
- Working with the Tribal Superfund Working Group, by coordinating national conference calls, developing special online resources to assist tribal professionals working on Superfund-related issues, and conducting special trainings at Superfund sites affecting tribal lands.
- Conducting ongoing outreach to tribes, through our listserv, the bi-monthly e-newsletter *Full Circle*, and by developing special online resources and mentoring opportunities, including our onsite mentoring project. To learn more about onsite mentoring visit our website at: [http://www7.nau.edu/itep/main/Waste/waste\\_mentors](http://www7.nau.edu/itep/main/Waste/waste_mentors)

## The TWRAP National Steering Committee

Since 2009, ITEP has been assisted in our work by the national Tribal Waste and Response Assistance Program (TWRAP) Steering Committee. Through in-person meetings, conference calls, and attendance at ITEP events, committee members make sure that both ITEP and OLEM are aware of tribal priorities and concerns. To this end they produce an annual Priority Document that is shared with the National Tribal Caucus and senior management at USEPA. Steering committee members also serve as instructors at ITEP courses, work as mentors to other tribal professionals, provide feedback to ITEP and OLEM on program activities, and make this Forum possible! Thank you to all the steering committee members—past and present—for all their hard work.

- Victoria Flowers, Oneida Nation
- Katie Kruse, Keweenaw Bay Indian Community
- Virginia LeClere, Prairie Band Potawatomi Nation (vice-chair)
- Cynthia Naha, Santo Domingo Tribe
- Arvind Patel, Pueblo of Acoma (chair)
- Rob Roy, La Jolla Band of Luiseno Indians
- Rebecca Stevens, Coeur d'Alene Tribe
- John Wheaton, Nez Perce Tribe
- Ann Wyatt, Klawock Native Village





# Agenda ~ At a Glance

## Monday, August 14: Training Sessions and Field Trips

|   |  |
|---|--|
| Greenwood/Cherry Street                           | 10:00 am to 12:00 pm: A Grant Writing Blueprint<br><br>1:00 pm to 5:00 pm: Developing and Implementing an EPA-Tribal ETEP and Strategic Plan for Tribal Environmental Programs             |
| Brookside/Blue Dome                               | 8:00 am to 12:00 pm: Brownfield Tribal Response Programs 101—Establishing a TRP<br><br>1:00 pm to 5:00 pm: Enhancing a Brownfield 128(a) Tribal Response Program                           |
| Utica   | 8:00 am to 5:00 pm: Eight Hour HAZWOPER Refresher  |
| Brady   | 8:00 am to 12:00 pm: ENIPC's UST Owner/ Operator Training<br><br>1:00 pm to 5:00 pm: Above Ground Tank Spill Prevention Inspector Short Course   |
| Tulsa Room B-3                                    | 8:00 am to 5:00: Tribal-FERST Your Environment, Your Health  |
| Tulsa Room B-2                                    | 8:00 am to 5:00 pm: Approaching Community Engagement and Redevelopment through Indigenous Planning   |
| Tulsa Room B-1                                    | 8:00 am to 5:00 pm: Water and Wastewater Utility Operation, Maintenance, and Management (CEUs Provided) - Please note this training continues on Tuesday with a field trip                 |
| Field Trips                                       | 8:00 am to 5:00 pm: Visits to the Modoc, Eastern Shawnee and Wyandotte Recycling Facilities<br>8:00 am to 5:00 pm: Trip to the Euchee Butterfly Farm and “Natives Helping Natives” Project |
| Meet the buses outside the North Ballroom Gallery | 8:00 am to 5:00 pm: Tour of the Quapaw Tribe’s Tar Creek Superfund Site Activities<br>8:00 am to 5:00 pm: Osage Nation’s Water Quality and Community Engagement Projects                   |

## Tuesday Morning, August 15: Training Sessions

|   |  |
|---|--|
| Greenwood/Cherry Street                           | 8:00 am to 12:00 pm: Hazardous Waste Program Inspections and Emergency Response  |
| Brookside/Blue Dome                               | 8:00 am to 12:00 pm: Brownfields Tools to Engage Community and Assess Health Risk  |
| Utica   | 8:00 am to 12:00 pm: USEPA Munitions Response Training   |
| Brady   | Strengthening Tribal Self-Determination and Self-Governance by Administering Environmental Protection Programs: The Continuing Relevance of EPA’s 1984 Indian Policy & 1992 GAP Statute  |
| Tulsa Room B-3                                    | 8:00 am to 12:00 pm: Emergency Response Planning for Tribes  |
| Tulsa Room B-2                                    | 8:00 am to 12:00 pm: Communicating Sustainability Through Tribal Environmental Programs  |
| Field Trips                                       | 8:00 am to 12:00 pm: A tour of the Lower Bird Creek Wastewater Treatment facility. This field trip is being offered in conjunction with the Monday Water & Wastewater Utility training on Monday. It is open to those not participating in the training, space permitting.                     |
| Meet the buses outside the North Ballroom Gallery | 8:00 am to 12:00 pm: A tour of multiple sustainability projects by the Muscogee (Creek) Nation, including composting/gardening, sustainable building, recycling, and energy efficiency<br><br>8:00 am to 12:00 pm: A visit to UST Containment Solutions, a UST manufacturing facility in Tulsa |



# Agenda ~ At a Glance



## Tuesday Afternoon, August 15: Opening Plenary

**1:30 PM-3:00 PM: Tulsa Ballroom**

Tulsa Ballroom

Osage Nation Color Guard

Invocation by Chuck Hoskin Jr. Cherokee Nation Secretary of State

Welcoming remarks by:

Ann Marie Chischilly, Executive Director of ITEP

Arvind Patel, Pueblo of Acoma and Chair of the TWRAP Steering Committee

Ken Norton, Hoopa Valley Tribe and Chair of the National Tribal Water Council

Patrick Davis, Deputy Assistant Administrator of USEPA's Office of Land and Emergency Management

Sam Coleman, USEPA Region 6 Administrator

Plenary Presentation by:

Del Beaver, Representative of the Muscogee (Creek) Nation Council

James Williams, Muscogee (Creek) Nation Environmental Director

## Tuesday Afternoon, August 15: Breakout Sessions

**3:30 PM-5:00 PM Break-Out Sessions**

Greenwood/Cherry Street Training for Hazardous Waste Operations

Brookside/Blue Dome Technical Assistance to Tribal Brownfields Communities **and** Get All you Can Out of the Brownfields Inventory Tool (BIT) and EPA ACRES Databases

Utica Grants Mining District - Legacy Uranium Update **and** When the CWA and CERCLA Collide in the Coeur d'Alene Basin

Brady Elements and History of UST Equipment Functionality Testing

Tulsa Room B-3 Understanding ETEPs and the Power of Planning to Protect the Environment and Public Health in Indian Country

Tulsa Room B-2 Climate Change and TEK: Why It Matters **and** Up an E.coli Creek Without a Paddle

Tulsa Room B-1 From Restoration to Relationship

## Wednesday Morning, August 16: Breakout Sessions

**8:30 AM-10:00 AM Break-Out Sessions**

Greenwood/Cherry Street Comparison of Developing & Underdeveloped Countries' Waste Management v. Rural Alaska's Village Landfills **and** Backhaul Alaska: Building a Self-Sustaining Waste Removal Program for Rural Alaska

Brookside/Blue Dome EPA and Tribal Emergency Management 101 **and** Chemical Facility Security and Safety

Utica A Forum for Discussing How Tribes and USEPA Can work Together to Consider TEK in the Cleanup Process

Brady UST Program Update and Future Directions Including a Discussion of UST Regulatory Requirements and PEI Standards

Tulsa Room B-3 Photography: Telling your Tribe's Story

Tulsa Room B-2 Underground Injection Control and Tribal Lands **and** Working as a Group: A Collaborative Effort to Focus Less on Data Entry, and More on Data Quality

Tulsa Room B-1 Establishing Tribal Water Quality and Drinking Water Programs under EPA's Indian Environmental General Assistance Program (GAP)



# Agenda ~ At a Glance

## Wednesday Morning, August 16: Breakout Sessions

### 10:30 AM – 12:00 PM: Break-Out Sessions

|                         |   |
|-------------------------|---|
| Greenwood/Cherry Street | Developing and Implementing Tribal Solid Waste Programs under EPA's Indian Environmental General Assistance Program (GAP)                               |
| Brookside/Blue Dome     | The Quest for Potable Water <b>and</b> NEPA & Brownfield Redevelopment  |
| Utica                   | Tribal Superfund Working Group (TSFWG) Meeting  |
| Brady                   | Gas Stations in Your Community: A Panel Discussion on What You Need To Know   |
| Tulsa Room B-3          | Code Writing for Tribal Environmental Programs  |
| Tulsa Room B-2          | Using Geospatial Technology to Visualize Environmental Data <b>and</b> Know Before You Fly  |
| Tulsa Room B-1          | Establishing Clean Water Act Water Quality Standards <b>and</b> Tribal Treaty Rights: Experiences and Implications for Water Quality Standards Programs |

## Wednesday Afternoon, August 16: Breakout Sessions

### 1:30 PM-3:00 PM: Break-Out Sessions

|                         |  |
|-------------------------|--|
| Greenwood/Cherry Street | Developing and Operating Tribal Transfer Stations: Stories, Experiences, and Opportunities for Partnership                           |
| Brookside/Blue Dome     | Lessons Learned: What To Do & What Not To Do When Applying For A Cleanup Grant   |
| Utica                   | Superfund and the National Historic Preservation Act in Indian Country <b>and</b> An Introduction to CERCLA from a Legal Perspective |
| Brady                   | Abandoned UST's on the Nez Perce Reservation <b>and</b> Building Capacity for UST Compliance Assistance                              |
| Tulsa Room B-3          | AIEO and Tribes Working Together to Improve Human Health and the Environment   |
| Tulsa Room B-2          | Leveraging Funding and Working on Large River Restoration Projects <b>and</b> GIS Application for Drinking Water Protection          |
| Tulsa Room B-1          | Exploring the Water Finance Clearinghouse  |

## Wednesday Afternoon, August 16: Multi Media Meetup

### 3:30 PM-5:00 PM : Tulsa Ballroom

Join us in the Tulsa ballroom during this breakout period for the Multi Media Meetup. Numerous information tables, demonstrations, and poster presentations will be available for you during this special networking and educational event. See page 27 for more information.

## Thursday Morning, August 17: Breakout Sessions

### 8:30 AM-10:00 AM Break-Out Sessions

|                         |   |
|-------------------------|---|
| Greenwood/Cherry Street | Developing and Implementing a Successful Hazardous Waste Management Project through the Hazardous Waste Management Grant Program for Tribes |
| Brookside/Blue Dome     | HazMat Spill Response at the Corner of TRP and OPA <b>and</b> Tribal Emergency Response Application   |
| Utica                   | Remedial Strategies at the Tar Creek Superfund Site   |
| Brady                   | What's New in Emerging Fuels: Corrosion Concerns and Compatibility Determinations   |
| Tulsa Room B-3          | Maximizing Sustainability and Profit: A Winning Combination at Tribal Casinos   |
| Tulsa Room B-2          | Tribal Exposures to Toxic Substances  |
| Tulsa Room B-1          | Managing Nonpoint Source Pollution: How to Get From "A" (Assessment) to "B" (Best Management Practices)                                     |

# Agenda ~ At a Glance



## Thursday Morning, August 17: Breakout Sessions

### 10:30 AM-12:00 PM Break-Out Sessions

|                         |  |
|-------------------------|--|
| Greenwood/Cherry Street | Mother Earth Recycles: Because What You've Got is Not Waste  |
| Brookside/Blue Dome     | Financial Literacy   |
| Utica                   | A Coeur d'Alene Tribe's Engineer's Perspective On Reservation Creosote Clean-up & Coordination <b>and</b> Cultural Sensitivity to the Navajo People When Addressing Abandoned Uranium Mines Clean-Up |
| Brady                   | Advanced Tools and Strategies to Develop Conceptual Site Models for Effective Remediation  |
| Tulsa Room B-3          | Benefits of Meaningful Public Engagement in Tribal Environmental Programs  |
| Tulsa Room B-2          | E-Enterprise – Collaborative Environmental Leadership  |
| Tulsa Room B-1          | Integrating Art and Culture into Water Infrastructure Sustainability: Key Insights from the Water is Life Project <b>and</b> Green Building in the Gila River Indian Community                       |

## Thursday Afternoon, August 17: Breakout Sessions

### 1:30 PM-3:00 PM Break-Out Sessions

|                         |  |
|-------------------------|--|
| Greenwood/Cherry Street | Developing a Zero Waste Vision and Strategy <b>and</b> Planning and Designing Community Engagement Approaches for Tribal Integrated Waste Management Programs  |
| Brookside/Blue Dome     | EPA Regions 1 & 2 Tribal Brownfields Priorities  |
| Utica                   | State and Tribal Perspectives on ANCSA Contaminated Lands  |
| Brady                   | The Importance of Adequate Financial Responsibility: A Focus on Private Insurance and State Funds <b>and</b> An Informal Q&A Discussion About the UST Program  |
| Tulsa Room B-3          | Tribal Food Systems: Taking Care of the Land, Water and Community  |
| Tulsa Room B-2          | Building Tribal Capacity for Data Management and Exchange  |
| Tulsa Room B-1          | Building Tribal Drinking Water and Wastewater Infrastructure Systems with EPA's Drinking Water and Clean Water Tribal Set-Aside Programs: A History, How to Apply for Funds, and Future Outlook <b>and</b> ITCA Tribal Operator Certification Program Overview & Updates |

## Thursday Afternoon, August 16: Closing Plenary

### 3:30 PM-5:00 PM: Tulsa Ballroom

|              |   |
|--------------|---|
| 3:30—4:00 pm | Final raffle, closing remarks, refreshments   |
| 4:00—5:00 pm | Special presentation by the Grey Snow Eagle House, a raptor rehabilitation facility managed by the Iowa Tribe |





# Detailed Agenda ~ Monday, August 14

| Time                | Topic   | Location                       |
|---------------------|---|--------------------------------|
| 10:00 am - 12:00 pm | <b>A Grant Writing Blueprint</b>  | <b>Greenwood/Cherry Street</b> |
|                     | <p><b>Details:</b> Clear, well written laws are often needed to effectively manage ongoing environmental issues within Indian Country. Many tribes currently need to create or revise water, waste, air, or other environmental codes to address the unique issues and objectives within their community. This session provides a summary of a step-by-step approach to developing tribal environmental codes regularly taught in multiday workshops on behalf of organizations such as ITEP. Examples of how this approach has been applied will be shared from specific tribal projects.</p> <p><b>Instructor:</b> Joshua Simmons, Prosper Sustainably</p>  |                                |
| 1:00 pm—5:00 pm     | <b>Developing and Implementing an EPA-Tribal ETEP And Strategic Plans for Tribal Environmental Programs</b>   | <b>Greenwood/Cherry Street</b> |
|                     | <p><b>Details:</b> An EPA-Tribal Environmental Plan (ETEP) can and should be a powerful tool that helps a tribe accomplish its environmental goals and objectives in the most efficient and effective manner possible. This workshop will offer a blueprint on how to develop (or revise) and implement an ETEP that is a living, adaptable (yet simple) strategic planning and management system. Participants will receive hands-on training on how to prepare (or revise) clear mission and vision statements, core values, long-term goals, and intermediate objectives to guide their tribal environmental programs. Training will also be provided on how to implement an ETEP strategic work plan to develop grant work plans, oversee programs, manage staff, obtain buy-in from leadership, develop partnerships, and more. This workshop will be supplemented with case studies and examples from the Pala Band of Mission Indians and Yavapai Apache Nation.</p> <p><b>Instructor:</b> Joshua Simmons, Prosper Sustainably</p> |                                |
| 8:00 am—12:00 pm    | <b>Brownfield Tribal Response Programs 101 Establishing a TRP</b>   | <b>Brookside/ Blue Dome</b>    |
|                     | <p><b>Details:</b> Basic training on the Brownfields 128(a) Tribal Response Program (TRP) for tribal staff that are relatively new to the program or seeking to start a TRP program. Outcome: knowledge of what is expected to establish and implement a TRP and some concepts on how to do that. No previous knowledge of the TRP is required.</p> <p><b>Instructors:</b> Mickey Hartnett and Oral Saulters, KSU-Tribal TAB</p>  |                                |
| 1:00 pm– 5:00 pm    | <b>Enhancing a Brownfield 128(a) Tribal Response Program</b>  | <b>Brookside/ Blue Dome</b>    |
|                     | <p><b>Details:</b> How to Enhance your 128(a) Tribal Response Program: Going beyond the 4 Element Basics. Outcome: Ideas, Experiences and Discussion of how to build upon the basics of the 4 Elements of TRP to meet tribal needs and priorities. Knowledge of the basic TRP 4 Elements and some TRP implementation experience needed.</p> <p><b>Instructor:</b> Mickey Hartnett, KSU-Tribal TAB</p>   |                                |
| 8:00 am—5:00 pm     | <b>Eight-Hour HAZWOPER Refresher</b>  | <b>Utica</b>                   |
|                     | <p><b>Details:</b> At the end of this training the participant will be able to: 1. Identify the training requirements to meet the five levels of the HAZWOPER Standard 2. Understand the requirement of the employer and the employee under the HAZWOPER Standard 3. Able to use the 2016 ERG and NIOSH Handbook of Chemical Hazards 4. Will know the components of a Site-Specific Safety Plan 5. Complete a chemical evaluation 6. Complete a job hazard analysis 7. Understand how to select PPE 8. Understand the HAZCOM/GHS regulation 9. Understand basic air monitoring Instrumentation 10. Have a basic understanding of the incident command system.</p> <p><b>Instructor:</b> Eric Lindeman</p>   |                                |



# Detailed Agenda ~ Monday, August 14



| Time               | Topic   | Location              |
|--------------------|---|-----------------------|
| 8:00 am – 12:00 pm | <b>ENIPC's UST Owner/Operator Training</b>  | <b>Brady</b>          |
|                    | <p><b>Details:</b> ENIPC is pleased to announce UST Owner/Operator Training at the Tribal Lands and Environment Forum in Tulsa, OK. The training shall cover the following topics: tank and piping leak test requirements, safety, federal regulations, reporting, recordkeeping, financial responsibility, UST operations and Maintenance, Compliance Issues, New Regulations. This training explains and demonstrates to UST owners and operators the proper operation and maintenance of UST facility equipment; identifies and addresses existing compliance issues; and reviews federal UST regulations.</p> <p><b>Instructors:</b> Leonard Sabatino and Rebecca Martin, Eight Northern Indian Pueblos Council</p>   |                       |
| 1:00 pm – 5:00 pm  | <b>Above Ground Storage Tank Spill Prevention Inspections</b>   | <b>Brady</b>          |
|                    | <p><b>Details:</b> Spill Prevention Control and Countermeasures regulations and inspection program will be discussed in detail. While not a delegated program, EPA relies on tribes to be aware of oil storage facilities that EPA inspects and what is required for facilities to prevent spills and plan for spill mitigation. Tribes that are more informed can better report issues to regional inspectors.</p> <p><b>Instructor:</b> Mark Howard, USEPA Office of Emergency Management</p>   |                       |
| 8:00 am– 5:00 pm   | <b>Tribal-FERST—Your Environment, Your Health</b>   | <b>Tulsa Room B-3</b> |
|                    | <p><b>Details:</b> USEPA's Tribal-Focused Environmental Risk and Sustainability Tool (Tribal-FERST) is a web-based geospatial decision support tool designed to serve as a research framework to provide tribes with easy access to the best available human health and ecological science. Tribal-focused tools are needed to: Prioritize Environmental Issues, Understand exposure pathways, and Conduct comprehensive impact assessments, all of which are important in decisions to improve public health and the environment. Participants will learn how to follow step-by-step guidance for identifying priority issues, compile data, rank and address risks, and assess impacts. The Tribal-FERST geospatial mapping component will enable the participant to view and overlay demographic information with publicly available data including Environmental concentration, Human exposures, Health risks, Ecosystem services, Sustainability indicators, and Sources of pollution. Tribal-FERST is intended to empower tribes by providing access to relevant science that can be used to develop sustainable, cost-effective solutions for reducing environmental exposures and health risks. Using this web-based geospatial decision support tool, tribes may employ a holistic approach to address environmental concerns and plan for the future. Participants will need to bring a laptop with wifi capability. A limited number of laptops will be available for use. Participants will need a minimum skill set on operating a computer and some knowledge of the environment. We are seeking participant feedback to produce a Tribal oriented Tool.</p> <p><b>Instructors:</b> Steve Terry and Harrell French, United South and Eastern Tribes</p> |                       |
| 8:00 am– 5:00 pm   | <b>Approaching Community Engagement and Redevelopment Through Indigenous Planning</b>   | <b>Tulsa Room B-2</b> |
|                    | <p><b>Details:</b> This session will introduce participants to the Intra-Tribal Redevelopment Visioning Roundtables, which are one-day events facilitated by the University of New Mexico Indigenous Design and Planning Institute (UNM iD+Pi), and Tribal Colleges and Universities (TCUs) as collaborators. The goal is to develop capacity in tribal community engagement, in a neutral setting, using Indigenous participatory techniques that can leverage Tribal Response Programs (TRP) resources and tools. For example, the approach can help stakeholders scope, plan, and implement land re-use decisions based on an agreed set of principles and input from all generations. This and other values-based methods can generate consensus in meeting environmental, economic, cultural and social needs with brownfields sites involving existing infrastructure, greenspace, and strategic visioning.</p> <p><b>Instructors:</b> Theodore Jojola and Michaela Paulette Shirley, University of New Mexico Design and Planning Institute</p>  |                       |



# Detailed Agenda ~ Monday, August 14

| Time              | Topic   | Location                      |
|-------------------|---|-------------------------------|
| 8:00 am – 5:00 pm | <b>Water and Wastewater Utility Operations, Maintenance, and Management (CEUs Provided)</b><br><br><b>Details:</b> A well run tribal water utility saves money, protects public health, and keeps streams, lakes, pond and coastal waters clean. This training is intended for utility operators, managers, and leaders. The workshop will use presentations, case studies, and group exercises to promote utility sustainability and instruct participants on how best to operate, troubleshoot, maintain and manage drinking water & wastewater collection treatment and disposal systems, covering: Water & wastewater collection system management; Water & wastewater treatment system operation and maintenance; Decentralized system O&M and management; Operator and management roles and responsibilities; Developing rate structures to support operations; Asset management to ensure system sustainability; and Resiliency planning to respond to and recover from extreme events. This training will continue on Tuesday morning with a field trip to a local wastewater treatment facility.<br><b>Instructor:</b> Mark Nelson, P.G. with Horsley Witten Group, Inc. | <b>Tulsa Room B-1</b>         |
| 8:00 am—5:00 pm   | <b>FIELD TRIP of Three Tribal Recycling Facilities</b><br><br><b>Details:</b> This special all-day tour will visit the recycling facilities of the Modoc Tribe, Wyandotte Nation, and Eastern Shawnee Tribe. This is an excellent opportunity to see three different approaches to recycling and talk to onsite staff about equipment, operations, administration, and markets. Attendees will purchase lunch onsite for \$5 for this tour.   | <b>North Ballroom Gallery</b> |
| 8:00 am—5:00 pm   | <b>FIELD TRIP of In-Stream Monitoring And Community Engagement Strategies</b><br><br><b>Details:</b> This all-day tour, led by staff from the Osage Nation and Blue Thumb Oklahoma, will allow attendees to learn about, and practice in-stream water quality monitoring techniques. Participants will also learn about citizen science and community education and engagement projects being conducted by the tribe and their partners. Lunch will be provided on this tour.   | <b>North Ballroom Gallery</b> |
| 8:00 am—5:00 pm   | <b>FIELD TRIP Tar Creek Superfund Site and a Passive Treatment System</b><br><br><b>Details:</b> This all-day tour will provide attendees with an introduction to the Tar Creek Superfund site by staff from the Quapaw Tribe as well as visits to the Fischer Pile, the Catholic 40 site, Douthit Bridge, and Distal 10/Distal 12. Attendees will then visit the innovative Mayer Ranch Passive Treatment System before returning to Tulsa. Attendees will purchase lunch onsite for \$5 for this tour.  | <b>North Ballroom Gallery</b> |
| 8:00 am—12:00 pm  | <b>FIELD TRIP of Euchee Butterfly Farm</b><br><br><b>Details:</b> Attendees on this half-day tour will visit the Euchee Butterfly Farm, which includes a greenhouse, butterfly raising facility, and collections of native seeds. Their "Natives Helping Natives" project is looking for additional tribal partners around the country, and they currently work with seven tribes in Oklahoma to save, and plant, native seeds as well as spread native pollinators. This will be an excellent opportunity to learn about how you can work with native pollinators and plants, including on remediation projects.   | <b>North Ballroom Gallery</b> |

# Detailed Agenda ~ Tuesday, August 15



| Time               | Topic   | Location                       |
|--------------------|---|--------------------------------|
| 8:00 am – 12:00 pm | <b>Hazardous Waste Program Inspections and Emergency Response</b><br><b>Details:</b> In this session GRIC DEQ will present information on how to conduct hazardous waste and chemical safety inspections. This will include what we have learned from our experience with program development, environmental law enforcement, safety, emergency response and other aspects of implementing U.S. EPA and tribal programs. Information will include: • Common hazardous chemicals and where they are found. • How to identify chemicals, chemical wastes, and their hazards. • How to safely store chemicals and their wastes. • How to plan for and prevent chemical emergencies • How to clean up chemicals when they spill or catch fire. • How to respond to chemical emergencies, spills, fires, explosions and other releases. • Personnel safety and sampling considerations. • EPA and tribal laws for site access and inspections. • How to conduct chemical waste and safety inspections. • Designing tribal waste laws and integrated waste management plans. • Practical examples and plans.<br><b>Instructors:</b> Rudy Mix and Dale Anderson, Gila River Indian Community | <b>Greenwood/Cherry Street</b> |
| 8:00 am – 12:00 pm | <b>Brownfields Tools to Engage Community And Assess Health Risk</b><br><br><b>Details:</b> In this interactive session, participants will learn about three tools created by ATSDR Land Reuse Health Program. The first tool is the ATSDR Land Reuse Action Model, a four-step framework to engage communities in land reuse planning. The second tool is the ATSDR Land Reuse Site tool. This tool is an inventory database and a rapid site screening/multiple chemical evaluation tool that allows users to assess sites by past/future use, institutional controls, sensitive populations, and suspected or confirmed contamination. The third resource is the ATSDR Comparison Value Viewer. That tool is a computer program that allows users to quickly view ATSDR health-based comparison values for chemicals in three media (air, soil, and water).<br><b>Instructor:</b> Gary Perlman, ATSDR<br><b>Moderator:</b> Rebecca Stevens, Nez Perce Tribe and TWRAP Steering Committee member   | <b>Brookside/Blue Dome</b>     |
| 8:00 am—12:00 pm   | <b>USEPA Munitions Response Training</b><br><br><b>Details:</b> This entry-level course, is designed to provide an overview of key environmental issues associated with munitions cleanup. Participants will be introduced to terminology, munitions identification and safety concerns, regulatory requirements, conventional and innovative technology, site characterization, and remediation. It will provide introductory background on key munitions cleanup issues relevant to regulators, federal environmental program managers, and community stakeholders. Course instructors will combine lecture, case studies, and class participation to provide an interesting and interactive training experience.<br><b>Instructor:</b> Andy Schwartz, USACE/USEPA  | <b>Utica</b>                   |
| 8:00 am—12:00 pm   | <b>Emergency Response Planning for Tribes</b><br><br><b>Details:</b> Some tribes have already completed or are in the process of completing such Emergency Response plans. The purpose of this training is to help attendees understand their needs and how to craft emergency response plans relevant to their communities. This training will be a time to share examples from various tribes, as well as discussing emergency planning guidance materials from multiple USEPA Regions.<br><b>Instructors:</b> John Wheaton, Nez Perce Tribe and TWRAP Steering Committee member; Nick Nichols, USEPA   | <b>Tulsa Room B-1</b>          |



# Detailed Agenda ~ Tuesday, August 15

| Time               | Topic  | Location       |
|--------------------|--|----------------|
| 8:00 am – 12:00 pm | <p><b>Communicating Sustainability Through Tribal Environmental Programs</b></p> <p><b>Details:</b> This workshop is designed to: a) improve participant's ability to turn dry numbers and facts into a compelling story, and b) help students create the key elements of an effective messaging campaign so they can build their story and take it to the Tribal Community and Council. The workshop will be broken into the three following sessions. Connecting with Others Through Story: What makes an effective story? Why is story important to moving your audience and how does it trigger action? How can digital story be used by Tribal Utility and Environmental Programs to aid in telling a better story and delivering a stronger message to their communities? 2. Crafting a Presentation That Inspires: Learn what you have been doing wrong all these years and how you can make a more effective and powerful electronic presentations. 3. Framing Your Message: Learn techniques to develop a strong and persuasive message, framed for your audience. Build on the techniques above to create a message that will motivate your community. In addition, Cynthia Naha will share her digital story, focused on solid waste and tribal communities. Ms. Naha will highlight the process she went through to create a message utilizing photos, music and narration to connect to her audience.</p> <p><b>Presenters:</b> Sarah Diefendorf, EFCWest and Cynthia Naha, Santo Domingo Tribe and TWRAP Steering Committee member</p> | Tulsa Room B-2 |
| 8:00 am—12:00 pm   | <p><b>Strengthening Tribal Self-Determination and Self-Governance by Administering Environmental Protection Programs: The Continuing Relevance of EPA's 1984 Indian Policy &amp; 1992 GAP Statute</b></p> <p><b>Details:</b> The 1984 "EPA Policy for the Administration of Environmental Programs on Indian Reservations" and the 1992 "Indian Environmental General Assistance Program Act" (GAP) are based on the notion that tribal governments are the appropriate non-Federal parties for carrying out environmental program implementation responsibilities for Indian country. These documents continue to guide EPA in its work with tribes and help EPA fulfill its mission in a manner that promotes tribal "self-government." This training session will cover the history and content of the 1984 Indian Policy and the 1992 GAP statute. Participants will learn: (1) The legal basis for EPA's tribal program as expressed through the 1984 Indian Policy; (2) The authority to fund tribal capacity to administer environmental protection programs under the GAP statute; and (3) How these foundational documents continue to support tribal self-governance today.</p> <p><b>Presenter:</b> Professor James Grijalva, Director Northern Plains Indian Law Center's Tribal Environmental Law Project, University of North Dakota School of Law</p>   | Brady          |
| 8:00 am—12:00 pm   | <p><b>FILED TRIP of Lower Bird Creek Wastewater Treatment Facility</b></p> <p><b>Details:</b> Attendees will spend the morning visiting the Lower Bird Creek Wastewater Treatment Plant in Northeast Tulsa. This is a continuation of the training started on Monday. Those not participating in the training are welcome to take part in the field trip, space permitting .</p>   | North Gallery  |
| 8:00 am—12:00 pm   | <p><b>FIELD TRIP of UST Containment Solutions Facility</b></p> <p><b>Details:</b> This large-scale production facility will afford attendees the opportunity to see how a variety of sizes of USTs are constructed. Participants will get a walk-through tour of the factory and have the opportunity to talk with onsite staff about the latest developments in USTs.</p>   | North Gallery  |
| 8:00 am—12:00 pm   | <p><b>FIELD TRIP of Muscogee (Creek) Nation</b></p> <p><b>Details:</b> Participants on this tour will visit a series of special projects undertaken by MCN, including energy-efficient tribal homes, renewable energy projects at the tribal college, buildings constructed with recycled and repurposed materials, composting and garden projects, and other environmentally friendly initiatives rooted in the Nation's culture and values.</p>  | North Gallery  |



# Detailed Agenda ~ Tuesday, August 15



1:30 pm ~ 3:00 pm ..... Opening Plenary Session ..... 1:30 pm ~ 3:00 pm

**1:30 - 1:45 pm**      **Osage Nation Color Guard**      **Tulsa Ballroom**

**1:45 - 2:25 pm**      **Welcoming Remarks and Invocation**      **Tulsa Ballroom**

Chuck Hoskin Jr., Cherokee Nation Secretary of State  
Ann Marie Chischilly, ITEP Executive Director  
Arvind Patel, Pueblo of Acoma and Chair of the TWRAP Steering Committee  
Ken Norton, Hoopa Valley Tribe and Chair of the National Tribal Water Council  
Patrick Davis, Deputy Assistant Administrator of USEPA OLEM  
Sam Coleman, USEPA Region 6 Administrator

**2:25 - 3:00 pm**      **Featured Speakers**      **Tulsa Ballroom**

Del Beaver, Representative of Muscogee (Creek) Nation Council  
James Williams, Muscogee (Creek) Nation Environmental Director

3:30 pm ~ 5:00 pm ..... Breakout Sessions ..... 3:30 pm ~ 5:00 pm

## **Training for Hazardous Waste Operations** ~ Greenwood/Cherry Street~

**Details:** This course is designed for tribal employees working in and around waste disposal facilities (transfer stations, landfills) for information on how to properly manage hazardous wastes arriving. Are there are wastes being stored for transfer and proper disposal, but they are not being properly managed in the sense, for example, incompatibles (acids and bases) being stored together, or reactives that are not stored under cover? Are unknown hazardous wastes being tested or categorized and, again, may not be properly stored? Also, is there is a need for employees to know how to manifest these types of wastes for shipment and disposal? This session will help guide environmental personnel on how to properly manage, categorize, store, and prepare for transport to a proper facility, those wastes they may encounter in day-to-day operations.

**Presenters:** Bobbie Anne Barnowsky and Kami Snowden, TSWAN

**Moderator:** Rob Roy, La Jolla Band of Luiseno Indians and TWRAP Steering Committee Member



## **Grants Mining District—Legacy Uranium Update** **AND**

## **When the CWA and CERCLA Collide in the Coeur d'Alene Basin** ~ Utica~

**Details:** Work continues in the Grants Mining District in New Mexico from impacts of legacy uranium mining. This session will provide an update of EPA Region 6 progress and activities within the GMD.

**Presenter:** LaDonna Turner, USEPA

**Details:** This session will be based around a common reality that a lot of Tribe's experience when it comes to wearing both Clean Water Act (CWA) and Comprehensive Environmental Response Compensation Liability Act (CERCLA) 'hats'. Typically, States & Regions separate those two authorities which have proven to be somewhat problematic for the Coeur d'Alenes. Come hear about some of the challenges that the Tribe faces as the Superfund remedy does not apply to the Lake and water quality protection relies solely on the Tribe and States CWA authorities.

**Presenter:** Rebecca Stevens, Coeur d'Alene Tribe and TWRAP Steering Committee Member

**Moderator:** Arvind Patel, Pueblo of Acoma and TWRAP Steering Committee chair



# Detailed Agenda ~ Tuesday, August 15

3:30 pm ~ 5:00 pm ..... Breakout Sessions ..... 3:30 pm ~ 5:00 pm

## Technical Assistance to Tribal Brownfields Communities AND

### Get All You Can Out of the Brownfields Inventory Tool and USEPA ACRES Databases

~ Brookside/Blue Dome~

**Details:** An introduction to the EPA funded Technical Assistance to Brownfields (TAB) Programs and the new for 2017 Tribal TAB Program from KSU. Learn how these TABs can assist the establishment and enhancement of your 128(a) Tribal Response Program and provide technical assistance with your brownfields projects and activities. No previous brownfields knowledge required. An outcome may be free assistance with implementing your brownfields program from inventory to redevelopment and reuse of sites from experienced persons that understand how to get things done in a tribal environment.

**Presenters:** Oral Saulters and Mickey Hartnet, KSU-TAB; Kelly Gorini

**Details:** How to gather and store brownfield site information, generate maps, enforce codes and regulations, report assessment and cleanup accomplishments to EPA (if you are a grantee), and meet EPA's public notice requirement. Experts using the Brownfields Inventory Tool (BIT) and the EPA ACRES (Assessment, Cleanup & Redevelopment Exchange System) databases will show you how to do this. Brownfields coordinators can use BIT for their own internal purposes, including everything listed above, plus more. BIT also has a web interface for reporting progress, on sites assessed and cleaned up with EPA funds, into ACRES (which is an EPA grantee requirement). Site data in ACRES, including EPA Targeted Brownfields Assessment Data, can also be easily accessed and moved into an individual's BIT account. Other ways to exchange data, collect site information in the field, and a smartphone app, will be discussed.

**Presenters:** Oral Saulters and Blasé Leven, KSU-TAB; Kelly Gorini

**Moderator:** Cynthia Naha, Santo Domingo Tribe and TWRAP Steering Committee Member



## Elements and History of UST Equipment Functionality Testing

~ Brady~

**Details:** Since the first functionality test was conducted by Mr. William Purpora in 1972 to determine the cause of an inventory loss to using equipment and technology to find leaks today, we will discuss the importance of functionality testing. We will examine the history and evolution of functionality testing along with the issues uncovered throughout the history of testing.

**Presenter:** Stephen Purpora, Purpora Engineering

## Understanding ETEPs and the Power of Planning to Protect the Environment and Public Health in Indian Country

~ Tulsa Room B-1~

**Details:** An EPA-Tribal Environmental Plan (ETEP) is an intergovernmental strategic planning agreement that defines mutual roles and responsibilities for the development and implementation of environmental protection programs. This session will explore the opportunities afforded by this joint planning process and how ETEPs bolster the government-to-government relationship and support EPA's 1984 Indian Policy. It will include discussion of practical approaches for developing, refining and implementing ETEPs. The session will also feature examples of how ETEPs have set the stage for stronger environmental and public health protection in tribal communities. Attendees will have a chance to ask specific questions related to ETEP development and are encouraged to bring a copy of their draft or final ETEP to this session.

**Presenters:** Felicia Wright, Rebecca Roose, and Treda Grayson, USEPA AIEO

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# Detailed Agenda ~ Tuesday, August 15



3:30 pm ~ 5:00 pm ..... Breakout Sessions ..... 3:30 pm ~ 5:00 pm

## Climate Change and TEK: Why It Matters AND Up An E.coli Creek Without a Paddle ~ Tulsa Room B-2~

**Details:** Across the United States, tribes have long practiced and maintained their culture while adapting to the continual changes of the environment, surviving in conditions that many people would consider hard and at times, impossible. Tribes have documented environmental changes through their stories and cultural practices, many of which are still evident today. This unique connection is one factor that makes tribes more vulnerable to the impacts that stem from changes caused by humans, weather, and the climate. In addition, many tribes still live in small, close-knit communities within government mandated reservation boundaries that have created geographic isolation from and decreased access to basic infrastructures and services. Some tribes have communities that are more rural than urban, and often border non-tribal lands. All combined can or has created vulnerabilities to the challenges that climate change brings upon affected people and communities.

**Presenter:** Nikki Cooley, ITEP

**Details:** The predominately-rural landscape of the Sac and Fox Nation enables profitable agricultural activities, which can have an impact on the reservation waters. Agricultural activities combined with the seasonal rain events influence E.coli levels at all of our creeks, streams, and rivers. Walnut Creek, a waterway on the western boundary of the reservation, is listed in the state of Kansas as impaired and all sampling sites have varying amounts of E.coli. The quality of the watershed within the reservation is important to residents because it provides the people and the wildlife with subsistence that is necessary to continue a healthy way of life. The Sac and Fox Nation has a mature water program due to record keeping since 2001. CWA 106 is being utilized on the reservation to sample sites in a strategic manner to find water pollution and eradicate the problem. During the last three years a medium sized confined animal feeding operation was found to be contributing large amounts of E.coli to a stream that flows directly into the Nemaha River. Data collected and submitted to the EPA as well as the state of Nebraska resulted in a house call from these two entities. The interagency relationships that the Sac and Fox Nation CWA 106 program has formed with various public and private sector entities helps ensure the protection of waters and wetlands for the benefit of current and future generations of Sac and Fox as well as the surrounding communities.

**Presenter:** Mickey Sigmon, Sac and Fox Nation of Missouri in Kansas and Nebraska

**Moderator:** John Wheaton, Nez Perce Tribe and TWRAP Steering Committee member

## From Restoration to Relationship ~ Tulsa Room B-3~

**Details:** The Coeur d'Alene Tribe actively extends beyond a Western science approach to restoration to actively facilitate relationships between its members and their environment. Embracing and promoting traditional epistemologies, community leadership, and community learning can bridge the gap between western conservation/restoration and the needs of tribal communities. This can lead to the true restoration of lost tribal services in injured environments.

**Presenters:** Caj Matheson, Coeur d'Alene Tribe

**Moderator:** Ann Wyatt, Klawock Native Village and TWRAP Steering Committee member

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# Detailed Agenda ~ Wednesday, August 16

8:30 am ~ 10:00 am ..... Breakout Sessions ..... 8:30 am ~ 10:00 am

## Comparison of Developing and Underdeveloped Countries' Waste Management v. Rural Alaskan Villages' Landfills AND

### Backhaul Alaska: Building a Self-Sustaining Waste Removal Program for Rural Alaska ~ Greenwood/Cherry Street~

**Details:** This presentation will focus on Developing Country's and Rural Alaska's Village Waste Management. It will compare their similarities and/or differences, and project what Climate and Environmental Challenges we will face in the future. It will contain a call to action for global waste management. It will address the importance of protecting the World's Environment for all living things. Topics to include: huge islands of plastic in the oceans; mercury from coal burning circling the globe in the wind, and; uncontrolled dumping into rivers and oceans. We are in this together. Continual dumping of ecologically harmful waste is only making clean water, clean air, and clean land harder to find or protect. Join me for this presentation and other shared observations from those willing to contribute.

**Presenters:** Ted Jacobson, USEPA/SEE

**Details:** Landfills in rural Alaska are unlined, ill-equipped for consolidation and cover, and often near-capacity, which leaves rural Alaskan communities without a safe way to dispose of hazardous waste, nor good options to dispose of bulky materials. Rather than dispose of these wastes in the landfill, many rural communities backhaul waste, which is to ship the waste back from Alaska's remote tribal communities by outbound airplanes, trucks, and barges. Backhaul is expensive and a cost-effective, long-term backhaul program is needed to stretch rural Alaska's limited financial resources and to protect the public and the environment. EPA Region 10, the Solid Waste Alaska Taskforce, the state, tribes, industry, and other leaders have contributed to a plan to develop a statewide backhaul service program. The program aims to reduce the cost of backhaul statewide and generate revenue through a waste handling and backhaul coordination service. Participants in this session will learn about the work to date to establish the "Backhaul Alaska" program. The program is being developed throughout 2017 with the input of a wide range of stakeholders. Pilot projects are planned for 2018 and 2019, and the program will be launched in 2020. Presenters will share the process for developing the plan as well as current project challenges and invite participants to provide ideas for ensuring the program's success.

**Presenters:** Lynn Zender, Zender Environmental Health and Research Group

**Moderator:** Nikki Cooley, ITEP

## A Forum for Discussing How Tribes and USEPA Can work Together to Consider TEK in the Cleanup Process

~ Utica ~

**Details:** The purpose of this session is to discuss how EPA's Office of Land and Emergency Management can work in partnership with federally-recognized tribes to better understand Traditional Ecological Knowledge (TEK), when willingly shared, and how it can be used in site cleanups and revitalization efforts. During a cleanup on or near tribal lands, whether it be a Superfund or Brownfields site, open dump, or a response to spills, EPA engages the community and conducts outreach activities with tribes to ensure a successful cleanup. EPA's consultation and coordination process offers tribal officials an opportunity to provide information, including TEK, for the EPA to consider in a decision. Because these discussions are likely to touch on issues of unique tribal sensitivity such as cultural practices, environmental resource use, and locations of cultural resources, EPA is interested in learning ways to improve the process for collecting, using, and/or documenting TEK, when tribes offer this information willingly. In this session, the panel will provide a brief overview and history of joint tribal/federal initiatives and workgroups focused on TEK, as well as an example from the St. Regis Mohawk Tribe, who worked with the community to use tribal knowledge, as well as GIS, to prioritize areas for cleanup and revitalization under its tribal response program. USEPA will discuss the 2017 initiative that ensures OLEM offices are considering TEK and we invite TLEF participants to share best practices of how governments work collaboratively to incorporate traditional knowledge into a decision during our session discussion.

**Presenters:** Julia Jacobs, Saint Regis Mohawk Tribe; Ann Marie Chischilly, ITEP; David Lloyd and Jessica Snyder, USEPA

**Moderator:** Christine Poore, USEPA

## Photography: Telling Your Tribe's Story

~ Tulsa Room B-I ~

**Details:** This session will focus on helping you discover how you can tell your tribe's story through photography. We will cover the basics of photography, how to use photo essays as part of your story telling efforts, and cover the art and science of composition.

**Presenter:** , John Parker, USEPA Region 7 Social Media Director and Photographer



# Detailed Agenda ~ Wednesday, August 16



8:30 am ~ 10:00 am ..... Breakout Sessions..... 8:30 am ~ 10:00 am

## **USEPA and Tribal Emergency Management 101 AND Chemical Facility Security and Safety ~ Brookside/Blue Dome~**

**Details:** Emergency Management in Indian Country from EPA perspective. Including discussion of (chemical and oil) regulations, policy and accomplishments in prevention, preparedness, and response. Tribal emergency responder perspective is planned. Case study discussions on incidents since the last TLEF.

**Presenter:** Nick Nichols, USEPA

**Details:** Under the Executive Order 13650 – Improving Chemical Facility Safety and Security, the Department of Homeland Security, the Environmental Protection Agency, the Department of Labor, the Department of Justice, the Department of Agriculture, and the Department of Transportation established a Working Group to improve chemical facility safety and security in coordination with State, Local, Tribal and Territorial stakeholders; emergency responders; chemical facility owners and operators. On June 6, 2014, the Working Group’s report to the President, entitled “Actions to Improve Chemical Facility Safety and Security – A Shared Commitment” was released. The report highlights activities undertaken to improve chemical facility safety and security and provides a consolidated plan of actions to further minimize safety and security risks. The report discusses topics such as improving operation coordination between State, Local, Tribal and Territorial partners; improving information collection and sharing; stakeholder outreach; and identifying best practices. This session will provide an update on activities and steps taken since the release of the report and will include topics on obtaining and interpreting risk information, identifying avenues for information sharing, Chemical-terrorism Vulnerability Information and best practices.

**Presenter:** Doug Collins, Glenn Moore, and George Renteria, Department of Homeland Security

**Moderator:** John Wheaton, Nez Perce Tribe and TWRAP Steering Committee member

## **UST Program Updates & Future Directions, Including a Discussion of Regulatory Requirements and PEI Standards ~ Brady ~**

**Details:** This session will provide a brief introduction and orientation of the underground storage tank (UST) program. This will include an overview of the implementation of the new UST regulations, such as the upcoming due dates; challenges and lessons learned to date; a discussion of some of the key questions and answers; and plans for operator training. One critical component of the EPA regulations is the reliance on recommended practices (RPs) developed by industry organizations. The Petroleum Equipment Institute (PEI) has developed a series of RPs directly applicable to the UST regulations. PEI’s Rick Long will discuss the foundation for PEI’s RPs --what they are, where they come from, how they are produced, and why they are helpful. He will then provide an overview of two newly updated standards regarding testing and verification (RP 1200) and installation and maintenance (RP 900).

**Presenters:** Mark Barolo, USEPA and Rick Long, Petroleum Equipment Institute (PEI)



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# Detailed Agenda ~ Wednesday, August 16

8:30 am ~ 10:00 am ..... Breakout Sessions ..... 8:30 am ~ 10:00 am

## Underground Injection Control and Tribal Lands AND

### Working as a Group: A Collaborative Effort to Focus Less On Data Entry and More on Data Quality

~ Tulsa Room B-2 ~

**Details:** Underground Injection Control: This discussion will provide attendees with an overview of the Underground Injection Control (UIC) Program with an emphasis on tribal UIC activity. The UIC program is intended to protect underground sources of drinking water and regulates the subsurface emplacement of fluids including those that are oil and gas related. Most UIC tribal programs are directly implemented by EPA. A perspective from a tribal UIC inspector will be included.

**Presenters:** Beth Hall, USEPA

**Details:** In February 2017, the Pueblo of Sandia initiated a New Mexico Tribal Water Quality Working Group. The purpose of this working group was to convene the New Mexico Pueblos and Tribes together on a quarterly basis to discuss water quality issues they face together and separately. The working group would also foster tribal partnerships. One idea that has been proposed and is being investigated is a joint sampling event for all the Pueblos on the Rio Grande River. This portion of the presentation will focus on the formation of the working group and the coordinated sampling idea to this point. The second portion of the presentation will explain how the Ambient Water Quality Monitoring System (AWQMS) can assist with the data entry, analysis, graphs and reporting of this joint sampling to the Environmental Protection Agency (EPA).

**Presenters:** Scott Bulgrin, Pueblo of Sandia and Alex Hepner, Gold Systems

**Moderator:** Lydia Scheer, ITEP

## Establishing Tribal Water Quality and Drinking Water Programs Under USEPA's Indian Environmental General Assistance Program

~ Tulsa Room B-3 ~

**Details:** Tribes can use General Assistance Program (GAP) funds to plan, develop, and establish their capacity to implement tribal water quality and drinking water programs, consistent with the Clean Water Act (CWA) and the Safe Drinking Water Act (SDWA). This interactive session will cover the water quality and drinking water program capacities tribes can establish under GAP, as documented under Section D.3 of EPA's GAP guidance. These indicators provide an essential foundation for successful tribal program implementation and improve leveraging opportunities between GAP and other EPA grant programs. The session will feature examples of successful tribal water quality and drinking water programs to illustrate effective program planning and grant fund utilization. EPA will invite tribal personnel in the audience to share first-hand experiences that illustrate how effective strategic planning can help achieve tribal program goals. Presenters will field questions from attendees and reference EPA grant guidance documents.

**Presenter:** Rebecca Roose and Treda Grayson, USEPA AIEO

NOTES:

# Detailed Agenda ~ Wednesday, August 16



10:30 am ~ 12:00 pm ..... Breakout Sessions..... 10:30 am ~ 12:00 pm

## Developing & Implementing Tribal Solid Waste Programs Under USEPA's Indian Environmental General Assistance Program

~ Greenwood/Cherry Street ~

**Details:** Developing and Implementing Tribal Solid Waste Programs under EPA's Indian Environmental General Assistance Program (GAP): Tribes can use GAP funds to develop and implement solid and hazardous waste management programs consistent with the Solid Waste Disposal Act (also known as the Resource Conservation and Recovery Act). This interactive session will cover the tribal waste management program capacities that can be established under GAP, as documented under Section E.3 of EPA's GAP program guidance. These indicators provide an essential foundation for successful tribal solid waste program implementation. The session will feature examples of successful tribal solid waste management program development activities and describe allowable solid waste program implementation activities under GAP. EPA will invite tribal personnel in the audience to share first-hand experiences that illustrate how effective strategic planning for tribal waste management and source separation program development and implementation can help achieve tribal program goals. Presenters will field questions from attendees and reference EPA grant guidance documents.

**Presenters:** Rebecca Roose, and Treda Grayson, USEPA AIEO

## Tribal Superfund Working Group Meeting

~ Utica ~

**Details:** This year's meeting of the Tribal Superfund Working Group will feature several small discussion circles, with each circle being focused on a particular theme. Attendees will pick the circle they wish to join, and will engage their tribal colleagues in sharing and discussing challenges, as well as successes, they have encountered. Each discussion circle will report back to the whole group toward the end of the session, so that everyone can benefit and learn from each circle and apply new strategies and ideas to their own program. All are welcome to attend and participate in this interactive meeting.

**Moderators:** Julie Jurkowski and Todd Barnell, ITEP



## The Quest for Potable Water AND NEPA and Brownfields Redevelopment

~ Brookside/Blue Dome ~

**Details:** Tribal Unit (TU)-45 is a 38.9 acre property located 1.3 miles southeast of Orofino, Idaho, along the south bank of the Clearwater River. The property has potential to generate jobs, income, and housing. In this session, lessons learned and accomplishments are presented as the Phase II ESA is nearing completion.

**Presenter:** Judy Goodson, Nez Perce Tribe

**Details:** Brownfield redevelopment is not just cleanup but also siting a new use. Federal involvement triggers NEPA (Natl Env Policy Act) & a host of other federal requirements for every aspect of the overall development (e.g. floodplain management, historic preservation). The NEPA Environmental Assessment provides a framework for environmental planning for the new use which both opportunities (to be more sustainable) & responsibility (to meet minimum requirements).

**Presenters:** Eugene Goldfarb, KSU-TAB/University of Illinois Chicago

**Moderator:** Katie Kruse, Keweenaw Bay Indian Community and TWRAP Steering Committee member

## Gas Stations in Your Community: A Panel Discussion on What Your Need To Know

~ Brady ~

**Details:** This session will be a facilitated panel discussion of Tribal Environmental Professionals, not UST professionals. The panelists will discuss the challenges, successes and lessons learned they have had dealing with USTs on their Tribal lands; in particular, how each of their Tribes address them and how to incorporate them into existing Tribal environmental program structures.

**Presenters:** Mark Junker, Sac and Fox Nation of Missouri in Kansas and Nebraska; Georja Kriebs and Paige Hingst, Santee Sioux Nation; Emily Luscombe, Coyote Valley Band of Pomo; Rob Roy, La Jolla Band of Luiseno Indians and TWRAP Steering Committee member

**Moderator:** Victoria Flowers, Oneida Nation and TWRAP Steering Committee member



# Detailed Agenda ~ Wednesday, August 16

10:30 am ~ 12:00 pm ..... Breakout Sessions ..... 10:30 am ~ 12:00 pm

## Code Writing for Tribal Environmental Programs

~ Tulsa Room B-1 ~

**Details:** Code drafting can be a difficult and daunting task due to the complexity of legal writing. However, anyone can do it! Familiarity with tribal law is helpful, but not required. This session will start with an overview of places to begin looking at and reading tribal code. We will then discuss how to begin writing law for your tribe that matches your tribe's needs. Before ending, each participant will practice writing a piece of law on a topic important to his/her work and we will discuss how to continue that work to completion.

**Presenter:** Annie Perry, Port Gamble S'Klallam Tribe

**Moderator:** Ann Wyatt, Klawock Native Village and TWRAP Steering Committee member

## Using Geospatial Technology to Visualize Environmental Data

AND

## Know Before You Fly

~ Tulsa Room B-2 ~

**Details:** The Muscogee (Creek) Nation through its Geospatial Department has been able to use the EPA Exchange Network Grant Program to further its sharing capabilities and centralizing data within the tribe. Together using database and geospatial technologies, the integration of information has led the tribe to better managing its resources and good decision making that has not only benefited our tribal citizens but the departments within the tribe too. By providing mechanisms for sharing and displaying geographical information, the data collected by our environmental programs and other partners provide has led to identifying critical land and water issues within our tribal jurisdictional boundary. Our planning and grants team uses the information to assist them in identifying future tribal projects and obtaining the necessary funding. This session will look at the technology behind the data that provides the visual analysis.

**Presenter:** Frank Harjo, Muscogee (Creek) Nation

**Details:** This session will give the participants information on current FAA regulations for small unmanned aerial vehicle (sUAV) or "drones". It will also provide guidance on preparing to take the FAA's part 107 Remote Pilot Certification Test. This session is for individuals thinking of adding sUAV's or "drones" to their programs and what considerations should be taken into account beforehand.

**Presenter:** Mike Arce, Oneida Nation

**Moderator:** Virginia LeClere, Prairie Band Potawatomi Nation and TWRAP Steering Committee vice chair

## Establishing Clean Water Act Water Quality Standards—Requirements and Resources

AND

## Tribal Treaty Rights: Experiences and Implications for WQS Programs

~ Tulsa Room B-3 ~

**Details:** This session will present information on the process for authorized tribes to establish EPA-approved water quality standards (WQS) protected by the Clean Water Act. The focus will be on the requirements necessary to establish and run the CWA programs for Section 303(c) water quality standards and CWA Section 401 certification of federal licenses and permits for facilities discharging into navigable waters. Participants in this session will also learn about the resources and tools EPA provides to further assist tribes in developing CWA WQS, including the Model WQS Template.

**Presenter:** Zoe Ruge, USEPA

**Details:** This session will focus on tribal treaty rights, EPA's roles and responsibilities regarding those rights, and incorporation of treaty rights in Clean Water Act (CWA) decisions. This session will present information and case examples on how applicable treaty rights have informed water quality standards (WQS) actions.

**Presenter:** Zoe Ruge, USEPA

**Moderator:** Cynthia Naha, Santo Domingo Tribe and TWRAP Steering Committee member

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# Detailed Agenda ~ Wednesday, August 16



1:30 pm ~ 3:00 pm ..... Breakout Sessions..... 1:30 pm ~ 3:00 pm

## **Developing and Operating Tribal Transfer Stations: Stories, Experiences, and Opportunities for Partnership** ~ Greenwood/Cherry Street ~

**Details:** Establishing and operating a tribal transfer station is a key part of managing solid waste on tribal lands, from the smallest rancherias to the largest reservations. In this session, the presenters will provide background on the integration of transfer stations into their tribal communities. The Pala Band of Mission Indians established their large, full-service transfer station in 2006, and have subsequently provided visiting tribes with tours and training that they can apply to their own facilities. The Pueblo of Sandia is in the process of expanding their small, basic facility into a larger operation that will better serve Sandia's needs. As part of this process, ITEP facilitated an onsite mentoring match between Pala and Sandia. This session will include the lessons learned by both Pala and Sandia as they developed their facilities, and will also discuss lessons learned from the peer mentoring process and will discuss how that experience can help other participants. Session participants should come away with a better understanding of what transfer stations do, why they are important, how to determine their communities' solid waste needs, and how to leverage partnerships with other tribes to open and/or improve their solid waste programs.

**Presenters:** Shasta Gaughen, Pala Band of Mission Indians and Scott Bulgrin, Pueblo of Sandia

**Moderator:** Todd Barnell, ITEP

## **Lessons Learned: What to Do & What Not to Do When Applying for a Cleanup Grant** **AND**

## **Office Hours with the Office of Brownfields and Land Revitalization**

~ Brookside/Blue Dome ~

**Details:** Participants will learn the "Do's" and "Don'ts" when applying for a Cleanup grant by experiences of the White Mountain Apache Tribe Environmental Protection Office.

**Presenters:** Brenda Begay and Marco Burnette, White Mountain Apache Tribe

**Details:** Participants and attendees will receive up to date information on brownfields and land revitalization priorities, tribal response program funding, new tribal technical assistance and research and emerging issues to track brownfield and tribal response program progress.

**Presenters:** David Lloyd, OBLR Director

**Moderator:** John Wheaton, Nez Perce Tribe and TWRAP Steering Committee member

## **Superfund and the National Historic Preservation Act in Indian Country**

**AND**

## **An Introduction to CERCLA from a Legal Standpoint**

~ Uttica ~

**Details:** EPA's Office of Land and Emergency Management and Regional Superfund program work with Tribes to consider tribal cultural, historic and archaeological resources that may be affected by Superfund response actions. EPA considers the National Historic Preservation Act (NHPA) as a potential Applicable or Relevant and Appropriate Requirement (ARAR) for Superfund sites. The NHPA provides protections for tribal resources and Tribal governments have specific roles under NHPA. The presentation will describe the NHPA Section 106 process and the role of tribal governments and the Tribal Historic Preservation Officer. By sharing the statutory and regulatory basis as well as a Coeur d'Alene Tribe case study, participants will gain an overview of the National Historic Preservation Act requirements as they relate to Superfund response actions in Indian country.

**Presenters:** Rebecca Stevens, Coeur d'Alene Tribe and Anne Dailey, USEPA

**Details:** This presentation will provide a legal perspective on the process of dealing with a Superfund site on or near tribal land. It will give a basic overview of the CERCLA process, including the designation of applicable or relevant and appropriate requirements (ARARS) based upon tribal laws and regulations. Participants also will learn about practical issues, such as working with legal counsel and EPA and the types of issues that may arise in the Superfund remedial process. Examples of tribal involvement in Superfund site remediation will be provided.

**Presenters:** Jill Grant and Gussie Lord, Jill Grant & Associates, LLC

**Moderator:** Riley Smith, ITEP







# Detailed Agenda ~ Wednesday, August 16

1:30 pm - 3:00 pm ..... Breakout Sessions ..... 1:30 pm - 3:00 pm

## Abandoned USTs on the Nez Perce Reservation AND Building Capacity for UST Compliance Assistance ~ Brady ~

**Details:** The Nez Perce Tribe, LUST Assessment Program objectives are to identify, characterize, prioritize, and ultimately recommend properties for environmental cleanups. This is a sharing discussion about how the Tribal Response Program quest for information on long forgotten gas stations has been successful.

**Presenter:** Judy Goodson, Nez Perce Tribe

**Details:** A look at the Tribe's failed tank, a cautionary tale for documentation and the progress made in implementing a compliance assistance program.

**Presenter:** Mark Junker, Sac and Fox Nation of Missouri in Kansas and Missouri

**Moderator:** Victoria Flowers, Oneida Nation and TWRAP Steering Committee member

## AIEO and Tribes Working Together to Improve Human Health and the Environment Priorities ~Tulsa Room B-1~

**Details:** One of the most frequent questions AIEO gets in our meetings with tribal leaders, tribal representatives and tribal environmental and natural resource officials is: What does AIEO do and how does it benefit tribes? This session will cover AIEO from top to bottom. Representatives from AIEO and the National Tribal Caucus will discuss the many roles each plays and how their collaborative efforts lead to better protection of human health and the environment for tribes. The presentations from both the EPA and Tribal perspectives will provide TLEF participants with a comprehensive picture of AIEO, the EPA Tribal Program and the many layers of interaction that improve human health and the environments of tribes. There will be ample time allotted for folks to ask questions and explore the functions and roles of AIEO and tribes as co-regulators of Indian country.

**Presenters:** Panel Style Discussion with the NTC Chair and Staff from AIEO and EPA Tribal Programs

## Leveraging Funding and Working on Large River Restoration Projects AND GIS Application for Drinking Water Protection ~Tulsa Room B-2~

**Details:** This is a section suitable for all knowledge levels. This is looking at how to approach a large restoration project. This includes breaking the project in to manageable phases and finding ways to leverage money in those phases to assist in other phases.

**Presenter:** Emily Luscombe, Coyote Valley Band of Pomo Indians

**Details:** Publicly-Available GIS Application for Drinking Water Protection. Protection of surface and groundwater sources is an essential and cost-effective first line of defense in an integrated, multi-barrier approach to public health protection. It is far more effective and potentially cheaper to prevent or reduce contaminants at their source than it is to treat them at a public water system. A number of web-based GIS applications, data resources, and analytical tools are publicly-available for use by federal and state agencies, water utilities, and others to inform source water protection actions. This presentation describes the Drinking Water Mapping Application to Protect Source Waters (DWMAPS), and showcased how it can be applied to update source water assessments and protection plans, prepare utilities for emergency situations, and support partnerships efforts.

**Presenter:** Beth Hall, USEPA

**Moderator:** Cynthia Naha, Santo Domingo Tribe and TWRAP Steering Committee member





1:30 pm ~ 3:00 pm ..... 1:30 pm ~ 3:00 pm

## Exploring the Water Finance Clearinghouse ~Tulsa Room B-3~

**Details:** Communities need easy and efficient access to water infrastructure finance information. EPA's Water Infrastructure and Resiliency Finance Center has developed a "Water Finance Clearinghouse" to help community and utility leaders make informed decisions for their drinking water, wastewater, and stormwater infrastructure needs. The Clearinghouse allows users to search for available water funding sources (federal, state, foundation sources, etc.) and water financing resources (reports, case studies, training, and other tools) that can be used to access capital to meet water infrastructure needs. Topics such as state and federal funding, bonds, public-private partnerships, affordability, customer assistance programs, and other revenue generating financial approaches are included in the clearinghouse. Session attendees will have the opportunity to learn how to navigate the Clearinghouse and provide critical feedback for future improvements.

**Presenter:** Kristyn Abhold, USEPA

NOTES:

## Meet Our Vendors! ~North Ballroom Gallery~

We want to give our vendors a very big thank you for attending this year's TLEF. The following groups and businesses will have tables set up in the North Ballroom Gallery throughout the TLEF, and many will also participate in the Multi Media Meetup.

- Oklahoma University –Tulsa College of Professional and Continuing Studies
- Native Hands
- Wind Environmental Services
- Prosper Sustainably
- US Department of Homeland Security
- Marie Nelson Jewelry
- National Indian Carbon Coalition
- Inter Tribal Council of Arizona, Inc.
- US Fish and Wildlife Service, Oklahoma Ecological Services
- University of Tulsa, College of Law
- Zender Environmental Health & Research Group
- RIDOLFI Environmental
- AWQMS/Gold Systems
- Emilio & Marguerite Chavez Jewelers
- TK Authentic Arts & Crafts
- Kansas State University—Tribal TAB Program
- Cassy's Arts and Crafts





# Detailed Agenda ~ Wednesday, August 16

3:30 pm ~ 5:00 pm .....Multi Media Meetup..... 3:30 pm ~ 5:00 pm

Please join us in the Tulsa Ballroom for our Multi Media Meetup. This special networking and educational gathering will feature many of the vendors and exhibitors at this year’s TLEF, as well as numerous special information tables, demonstrations, and poster presentations by your fellow attendees. This is an excellent opportunity to network with others as well as learn about some of the services, projects, and activities taking place around the country to help protect Tribal lands, waters, and communities. Following are just some of the tribes, agencies, and organizations who will be at this year’s Multi Media Meetup:

Tribal Alliance for Pollinators  
Grey Snow Eagle House  
Tonkawa Tribe of Oklahoma  
National Tribal Toxics Council  
Pueblo of San Felipe  
Chickaloon Native Village  
Santo Domingo Tribe  
Oneida Nation  
American Samoa Environmental Protection Agency  
Oklahoma Conservation Commission  
National Tribal Water Center  
Campbell Environmental Group, Inc.  
AWQMS/ Gold Systems  
RIDOLFI Environmental

Zender Environmental Health & Research Group  
University of Tulsa College of Law  
USEPA SEE Program—Alaska  
Inter Tribal Council of Arizona, Inc.  
USEPA Office of Emergency Management  
US Government Accountability Office  
US Department of Homeland Security  
Prosper Sustainably  
Tribal FERST Demonstration (USET and USEPA)  
Kansas State University Tribal TAB  
USEPA Office of Land & Emergency Management  
USEPA’s Sample UST Operator Exam  
Oklahoma University—Tulsa College of Professional & Continuing Studies

### **Tribal Listening Session:**

### **Proposal to Revise the Definition of Waters of the United States**

**~Tulsa B-2~**

***Please note this listening session takes place at the same time as the Multi Media Meetup***

EPA and the Department of Army are following a two-step rulemaking process to develop a revised definition of "waters of the United States." This action follows a February 2017 Presidential Executive Order directing the agencies to review and rescind or revise the 2015 Clean Water Rule, consistent with the principles that Justice Scalia outlined in the plurality opinion in the 2006 Supreme Court decision for *Rapanos*, indicating that Clean Water Act (CWA) jurisdiction includes relatively permanent waters and wetlands with a continuous surface connection to such waters. In step 1, the agencies plan to recodify the previous, longstanding regulatory definition of "waters of the U.S.," and in step 2, the agencies plan to propose a new definition that would replace the approach in the 2015 Clean Water Rule. The agencies are aware that the scope of CWA jurisdiction is of intense interest to many tribes and, therefore, want to provide time for appropriate consideration and deliberations on the ultimate regulation. Tribal staff and officials are invited to participate in this session to learn more about the agencies’ actions and to provide feedback on how different rulemaking options might affect tribes

# Detailed Agenda ~ Thursday, August 17



8:30 am ~ 10:00 am ..... Breakout Sessions..... 8:30 am ~ 10:00 am

## **Developing and Implementing a Successful Hazardous Waste Management Project Through the Hazardous Waste Management Grant Program** ~ Greenwood/Cherry Street~

**Details:** The Hazardous Waste Management Grant Program for Tribes provides financial assistance to tribal governments and tribal consortia for the development and implementation of hazardous waste programs; for building capacity to improve and maintain regulatory compliance; and for developing solutions to address improper management of hazardous waste on tribal lands. During this session, award winning grantees will provide an overview of their hazardous waste management projects, first-hand knowledge on how to write a successful hazardous waste grant application which will include the “dos and don’ts” of writing an awarding winning grant application, and how to incorporate hazardous waste into their integrated waste management programs. In addition, the grantees will discuss the challenges and lessons learned while addressing hazardous waste as well as developing and implementing a hazardous waste management program.

**Presenter:** Bobbie Anne Barnowsky, Native Village of Old Harbor; Kami Snowden, TSWAN

**Moderator:** Kim Katonica, USEPA

## **HazMat Spill Response at the Corner of TRP and OPA** **AND** **Tribal Emergency Response Application** ~ Brookside/Blue Dome~

**Details:** In Indian Country, medium-large scale spills of hazardous materials occur at the intersection of the Oil Pollution Act/CERCLA and 128(a) Tribal Response Programs. Federal, State and private sector spill response teams are ready to roll when the phone rings - this presentation will examine how a TRP can ensure they plug into time-critical response actions not merely as an observer but as a fully vested member of Unified Command.

**Presenter:** Don Hurst, Colville Confederated Tribes

**Details:** The Muscogee (Creek) Nation Geospatial Department received an EPA Exchange Network Grant to collaborate and work with other partner tribes to develop an Emergency Response Application. This application has a desktop and mobile component that is designed to document incidents within the field and assign resources to those incidents. Because tribal areas are located in rural locations, disconnected use and synchronization were important tools that were built into the application. Tribes can collaborate and share information across jurisdictions and can decide how that information is shared. This presentation will cover how this open source software application can be used by others and a demo will show how the application works.

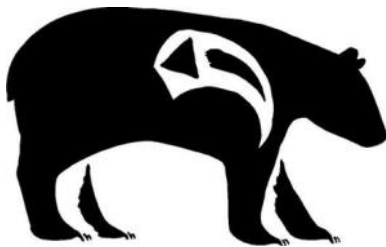
**Presenters:** Frank Harjo, Muscogee (Creek) Nation

**Moderator:** Rebecca Stevens, Coeur d’Alene Tribe and TWRAP Steering Committee member

## **Remedial Strategies at the Tar Creek Superfund Site** ~ Uttica ~

**Details:** Several new remedial strategies have been implemented at the Tar Creek Superfund Site including soil amendment activities and a moving window approach for evaluating a more real ecological risk scenario. These new strategies are being tested against tried and true record of decision remedial strategies in hopes of having several alternatives in cleaning up these complex sites on a case-by-case basis.

**Presenters:** Tim Kent, Craig Kreman, and Summer King, Quapaw Tribe





# Detailed Agenda ~ Thursday, August 17

8:30 am ~ 10:00 am ..... Breakout Sessions ..... 8:30 am ~ 10:00 am

## What's New in Emerging Fuels: Corrosion Concerns and Compatibility Determinations

~ Brady ~

**Details:** Three topics will be covered in this session: corrosion concerns in submersible turbine sumps for USTs containing ethanol blends, corrosion taking place inside USTs containing diesel, and a how to exercise on what's needed to complete a compatibility determination for USTs storing biofuels. The target audience for this session will be tribal environmental officials and operators of USTs containing E10, diesel, and other biofuels. Those attending this session will receive the latest information on corrosion concerns and compatibility determinations.

**Presenters:** John LeBlanc, Red Lake Band of Chippewa Indians and Michael Pomes, USEPA Region 7

**Moderator:** Victoria Flowers, Oneida Nation and TWRAP Steering Committee member

## Tribal Exposure to Toxic Substances ~Tulsa Room B-2~

**Details:** This session will introduce the National Tribal Toxics Council, their report "Understanding Tribal Exposures to Toxics", the Toxic Substances Control Act, and EJ 2020 Lead Disparity Challenges.

**Presenters:** Dianne Barton, NTTC Chair, Columbia River Inter-Tribal Fisheries Commission; Fred Corey, NTTC Vice-Chair, Aroostook Band of Micmacs; Clifford Banuelos, Elko Band Council; Suzanne Fluharty, Yurok Tribe; Gary Hay, Chickaloon Village Traditional Council; Russell Hepfer, Lower Elwha Klallam Tribe; Jolene Keplin, Turtle Mountain Band of Chippewa Indians; Shavonne Smith, Shinnecock Indian Nation; Rebecca Stevens, Coeur d'Alene Tribe; Laurie Suter, Tohono O'odham Nation; Sharri Venno, Houlton Band of Maliseet Indians; Kelly Wright, Shoshone Bannock Tribes; Jubin Cheruvelil, Ex-Officio, Michigan State University; BJ Howerton, Ex-Officio, BIA; Doug Stevens, Salish Kootenai College

## Maximizing Sustainability and Profit: A Winning Combination at Tribal Casinos

~Tulsa Room B-1~

**Details:** Sustainable Materials Management (SMM) is a systemic approach to using and reusing materials more productively over their entire life cycles. In many cases, casinos are the largest waste generators and energy consumers in tribal communities. These establishments also offer many opportunities to operate more sustainably by reducing waste, saving energy and water, reducing toxic chemical usage and release, and saving money. Implementing green practices at tribal casinos, affiliated hotels, motels, resorts, and bingo halls provides environmental and economic benefits that support tribes towards achieving a more sustainable future that conserves natural resources. In this session, participants will hear from several Tribes about how they have put into practice the principles of SMM in their materials and waste management programs, what it takes to implement these practices, and the benefits to their community and the environment.

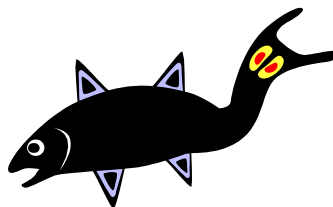
**Presenters:** Mark Funkhouser, Chumash Tribe; Jean McInnis, Mohegan Tribe; Kristina Torres, USEPA

## Managing Nonpoint Source Pollution: How to Get to A (Assessment) to B (Best Management Practices)

~Tulsa Room B-3~

**Details:** This session will highlight the role that the Clean Water Act Section 319 program can play in managing nonpoint source pollution on tribal lands. It will provide best practices and tribal case studies pertaining to three different phases in the development and implementation of a Tribal Nonpoint Source (NPS) program. Specifically, the session will help attendees answer the following questions: 1. When should my Tribe develop a NPS Program? 2. How can my Tribe use assessment information to target our water protection and restoration efforts? 3. What are some best practices in designing and implementing a NPS project?

**Presenters:** Allison Smart, Little River Band of Ottawa Indians; Britini Bauer, Kickapoo Tribe; Kelton Kersey, Pawnee Nation; Heather Duncan, Janette Marsh, and Steve Epting, USEPA







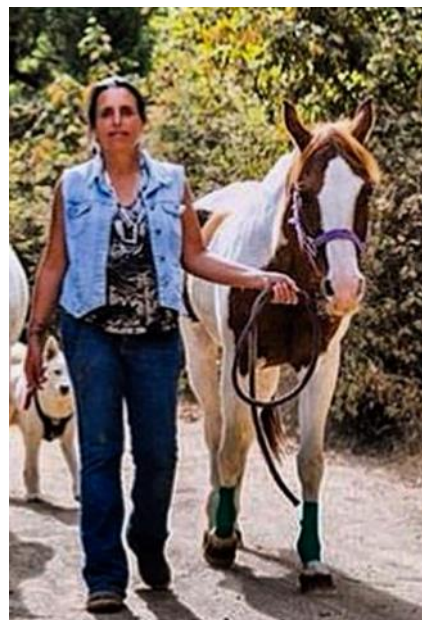
## September 11, 2017 Northern Arizona University Flagstaff, Arizona

Please Join ITEP, USEPA and NAU in celebrating 25 years of collaboration and service to tribal environmental programs!

Since 1992, ITEP, under a Memorandum of Understanding between USEPA and NAU, has committed itself to serving tribes through outstanding, culturally-relevant education and training programs that increase environmental capacity and strengthen sovereignty. ITEP's work throughout the years includes numerous projects and activities including work on air quality, solid and hazardous waste, climate change, emergency response, and educational outreach.

We will be celebrating with a special event the evening of September 11. We are pleased to announce that our honored guest and featured speaker will be **Winona LaDuke**.

For more information please call 928-523-9555 or visit our website at [www7.nau.edu/itep/main/Home/](http://www7.nau.edu/itep/main/Home/)





# Detailed Agenda ~ Thursday, August 17

10:30 am ~ 12:00 pm ..... Breakout Sessions ..... 10:30 am ~ 12:00 pm

## Mother Earth Recycles: Because What You've Got is Not Waste ~ Greenwood/Cherry Street ~

**Details:** Sustainable Materials Management (SMM) is a systemic approach to using and reusing materials more productively over their entire life cycles. Composting is one option in a materials management strategy to return essential materials to good use. Composting offers many benefits to the environment. Compost adds nutrients and organic matter back to soil, which benefits agriculture, reduces our reliance on synthetic fertilizers, diverts methane-producing organic materials from landfills, and improves soil's water retention capacity so you do not need to water as much. Composting can provide local jobs, be used locally, and is part of a closed-loop food system and well-rounded resource recovery program. This session will highlight successful community and commercial composting operations. Participants will learn from other Tribes what it takes to design and implement a composting program that is economically viable and supports the environment.

**Presenter:** Michael Northbird, Minnesota Chippewa Tribe; Stan Ellison, Shakopee Mdewakanton Sioux Community; Kristina Torres, USEPA

## Financial Literacy ~ Brookside/Blue Dome ~

**Details:** This course is about financial literacy. The course will cover: developing your budget, no cost extension, 50 % waiver, transferring funds within your budget. Indirect rates and hourly wages and invoice review and payment.

**Presenters:** Georgia Underwood and Cindy Marley, Penobscot Indian Nation; Glenn Daukas, Campbell Environmental; Amyjean McKeown, USEPA Region I

NOTES:

## A Coeur d'Alene Tribe Engineer's Perspective on Reservation Creosote Cleanup and Coordination AND Cultural Sensitivity to the Navajo People When Addressing Abandoned Uranium Mines Clean-Up ~ Utica ~

**Details:** The St. Maries creosote site clean-up is located on the St. Joe River in St. Maries, ID within the Coeur d'Alene Reservation. The site consisted of a pole treatment creosote facility from approximately 1930 until 1960 when it became a pole storage facility. In the winter of 1998/1999 sheen was reported on the river at the site. This triggered an emergency response action followed by a clean-up investigation and action. The creosote contaminated the upland soils as well as migrating into the river sediments. During the process of investigation, a volunteer remediation party came on board to complete the sampling, design and construction of the site. Based on studies and findings, the proposed plan outlined actions to take place to clean-up the site. In 2014 construction began on the site to remove and remediate the creosote contamination. These activities included: In-situ stabilization, storm water pipe relocation, dredging of the river, and ex-situ thermal treatment of contaminated soils. There have been many lessons learned through this project. Ms. Raskell and Ms. Laija will touch on the history of the site, changes to the ROD, design of the site, construction activities and lessons learned from this project. This project can showcase how Tribes can effectively coordinate with USEPA on Superfund sites.

**Presenters:** Sandra Raskell, Coeur d'Alene Tribe and Emerald Laija, USEPA

**Details:** Diné cultural sensitivity is vital for promoting outreach on risk and health to our people. Navajo Nation Superfund Program can achieve their goals by respecting cultural beliefs, values and speaking in the Navajo language during outreach and community involvement planning. In many cases, when conversing with the community members, their choice of words and speaking may be slower, so not interrupting and letting them finish their comments are important. Non-verbal communication also plays an important role when conducting outreach to Navajo people. Diné Fundamental Law is a guiding principles in the Navajo Nation Code for all involved in the uranium clean-up work, including the newly formation of the Diné Uranium Remediation Advisory Commission. Cultural sensitivity involves the land, water, air, plants and animals which all hold great importance and a holistic notion to the people. Presently, American history has affected Navajos people into evolving and adapting to the changes in the environment ,specifically abandon uranium mine and its clean-up.

**Presenter:** Vivian Craig and Darlene Jenkins, Navajo Nation Superfund Program

**Moderator:** Rebecca Stevens, Coeur d'Alene Tribe and TWRAP Steering Committee member

# Detailed Agenda ~ Thursday, August 17



10:30 am ~ 12:00 pm ..... Breakout Sessions ..... 10:30 am ~ 12:00 pm

## Advanced Tools and Strategies to Develop Conceptual Site Models for Effective Remediation

~ Brady ~

**Details:** Conceptual Site Models (CSMs) are a key component of the investigation and remediation process for a variety of regulatory frameworks. This session will highlight cost effective and scalable tools and strategies for developing robust, CSMs for small to large, complex Leaking Underground Storage Tanks (LUST) sites. Using case studies, research, and technical support examples from a variety of cleanup programs, the concepts of high resolution site characterization (HRSC) and CSM lifecycle updates will be introduced to Tribal environmental professionals

**Presenter:** Stephen Dyment, USEPA, Region 8

## Benefits of Meaningful Public Engagement in Tribal Environmental Programs— A Panel Discussion

~ Tulsa Room B-I ~

**Details:** Federal environmental laws call for opportunities for the public to participate in the development and administration of federal/federally-authorized environmental programs. In recent years, partly due to the EPA Policy on Environmental Justice for Working with Federally Recognized Tribes and Indigenous Peoples and the identification of meaningful public engagement programs as a core capacity for federally-authorized tribal environmental programs, more tribes have been enhancing their public participation and community engagement processes and procedures. This panel will discuss how enhanced tribal meaningful public engagement processes and procedure and collaborations with community-based organizations have resulted in better tribal solutions for environmental and public health protection on tribal lands. Participants will hear how two tribes created effective meaningful public engagement processes and established collaborations with indigenous community-based organizations to improve the environment and public health on their tribal lands. They will also discuss some of the challenges and offer suggestions for how to enhance the usefulness and benefits of meaningfully engaging the public and collaborating with community-based organizations. In addition, participants will hear from two tribal/indigenous community-based organizations on their experiences working with their respective tribal government's environmental program and suggestions for how tribal governments can effectively and meaningfully engage and collaborate with community-based organizations. This session will provide practical advice and recommendations that tribes can use to meet a core capacity for federally authorized environmental programs.

**Presenters:** Danny Gogal, USEPA Office of Environmental Justice

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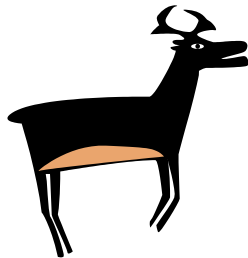
# Detailed Agenda ~ Thursday, August 17

10:30 am ~ 12:00 pm ..... Breakout Sessions ..... 10:30 am ~ 12:00 pm

## E-Enterprise—Collaborative Environmental Leadership ~ Tulsa Room B-2 ~

**Details:** *E-Enterprise for the Environment* puts into practice a collaborative approach among Tribes, States, Territories, and U.S. EPA to accelerate the development, implementation, and improvement of environmental and public health protection programs. E-Enterprise uses innovative strategies, process streamlining, and technological solutions to deliver better environmental results, often with lower costs and less burden, for the benefit of the public, the regulated community, and co-regulators. The session includes: an update on shared governance for E-Enterprise where Tribes, States and EPA have equal membership on an executive leadership council; updates on existing projects including the Tribal Water Quality Roadmap and the Assessment TMDL Tracking and Implementation System (ATTAINS); and a round-table discussion.

**Presenters:** Micco Emarthla, Seneca-Cayuga Nation; Scott Thompson, Oklahoma Department of Environmental Quality; Andy Battin, USEPA



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## Integrating Art and Culture Into Water Infrastructure Sustainability: Key Insights From the Water Is Life Project AND Green Building in Gila River Indian Community ~ Tulsa Room B-3 ~

**Details:** Clean water is key to public health, yet the infrastructure that delivers clean water and wastewater service is not glamorous and is often overlooked. In small, rural communities such as those commonly inhabited in Indian Country, water infrastructure faces unique barriers to sustainability. Rural utilities often find it particularly challenging to generate sufficient revenue to cover recurrent system costs due to smaller economies of scale. The Water is Life project is a collaborative outreach project that incorporates art and culture to address such issues and improve sustainable access to safe water. The project has the following objectives: 1. Increase knowledge and behavior that optimizes health benefits of clean water use. 2. Improve sustainability of local water infrastructure (ex: increased customer satisfaction, improved financial planning and/or billing, increased sense of confident ownership of system amongst leadership). 3. Preserve and share local water cultural knowledge. In this project, art, in the form of large scale public murals, serves as an exciting tool to engage the wider community in the conversation surrounding water. As a professional Native artist creates a mural representative of the community's traditional ties to water, educational activities, many also rooted in art and culture, are offered to community members as part of a Water Week celebration. The activities are tailored to local water culture and sustainability needs. This presentation will summarize the project and insight gained through pilot runs in three communities.

**Presenter:** James Temte, National Tribal Water Center/ Alaska Native Tribal Health Consortium

**Details:** Tribes – America's first green builders – are using innovative, affordable, culturally appropriate green building approaches where state and local codes don't apply. The Gila River Indian Community and U.S. EPA will share information on: • The benefits of tribal green building, • GRIC's adoption of building codes that are more stringent than the State of Arizona's energy codes, • GRIC's LEED Certified green buildings projects, and • EPA's Tribal Green Building Toolkit. Participants will learn about the tremendous environmental and health impacts of buildings, free tools available to support tribal green building, and inspiring tribal green building projects and policies. No prior knowledge or skills are required.

**Presenter:** Althea Walker, Gila River Indian Community and Sebastian Beshk, USEPA Region 9

**Moderator:** Rob Roy, La Jolla Band of Luiseno Indians and TWRAP Steering Committee member

# Detailed Agenda ~ Thursday, August 17



1:30 pm ~ 3:00 pm ..... Breakout Sessions ..... 1:30 pm ~ 3:00 pm

## Developing a Zero Waste Vision and Strategy AND

### Planning and Designing Community Engagement Approaches for Tribal Integrated Waste Management Programs ~ Greenwood/Cherry Street ~

**Details:** Creating a compelling, culturally appropriate approach to zero waste can help tribal communities move from managing waste to a more holistic approach of sustainable materials management. The Gila River Indian Community will share their zero waste vision and experience in developing a zero waste plan. Participants will gain ideas of how to approach implementing zero waste in their communities and get a first look at an EPA developed template for zero waste elements that can be easily incorporated into tribal Integrated Solid Waste Management plans.

**Presenters:** Althea Walker, Gila River Indian Community and Sebastian Beshk, USEPA Region 9

**Details:** It is difficult to create and implement an integrated waste management program or project without outside assistance and support from the tribal community. This issue was analyzed, and in Fall 2016, the Infrastructure Task Force (ITF) Waste Programs Sub-workgroup released a tool entitled the Community Engagement Strategy, which provides a resource for tribal environmental professionals to address barriers, which may exist within their communities, to successfully implement a tribal integrated waste management program (IWMP). This session will dive deep into the Community Engagement Strategy, and provide tribal environmental professionals the resources they need to empower community members, and keep them informed and part of the solutions to address waste management. By integrating your tribal members, including tribal governments, youth, and elders, into the implementation of your IWMP, your tribal community is one step closer to deliver a sustaining program.

**Presenter:** Kami Snowden, TSWAN and Jessica Snyder, USEPA

**Moderator:** Virginia LeClere, Prairie Band Potawatomi Nation and TWRAP Steering Committee vice chair



## USEPA Regions 1 and 2 Tribal Brownfields Priorities

~ Brookside/Blue Dome ~

**Details:** Learn how the tribes in EPA Regions 1 and 2 are administering their Brownfields Programs. How they are determining their priorities, what type of sites are they focusing on, and how are they finding additional funding to meet their objectives.

**Presenters:** Georgia Underwood, Penobscot Indian Nation; Dale Mitchell, Passamaquoddy Tribe; Rich Campbell and Aaron Brignull Campbell Environmental

## The Importance of Adequate Financial Responsibility: A Focus on Private Insurance and State Funds AND

### Informal Q&A Discussion About the UST Program ~ Brady ~

**Details:** Proper financial assurance continues to be one of the most challenging compliance issues for the UST program in Indian country. This session will include a discussion on how tribal environmental professionals can feel reassured that owners and operators have adequate financial assurance to address UST releases and cleanups. It will review acceptable financial insurance options and their pros and cons, and what to look for in a financial assurance document, such as an insurance policy to ensure that you have the coverage that you need. The session will also include discussion of some current issues including, challenges getting coverage for older tank systems and what types of policies give coverage and at what prices.

**Presenter:** Mark Barolo, USEPA

**Details:** For those interested in the UST Program, this session is an opportunity to build on any issues that came up during the Forum, ask questions, engage fellow attendees, and have an informal, interactive discussion about the UST Program.

**Moderators:** John LeBlanc, Red Lake Band of Chippewa and Mark Barolo and Judy Barrows, USEPA





# Detailed Agenda ~ Thursday, August 17

1:30 pm - 3:00 pm ..... Breakout Sessions ..... 1:30 pm - 3:00 pm

## State and Tribal Perspectives on ANCSA Contaminated Lands ~ Utica ~

**Details:** In 1971 the Alaska Native Claims Settlement Act (ANCSA) was signed into law to address long standing issues surrounding aboriginal land claims in Alaska. The Act provided Alaska Natives with 44 million acres of land and a cash settlement of \$963 million, unfortunately some of transferred land contained contamination which poses a significant threat to human health and the environment in Alaska Native communities. The recent 2016 Bureau of Land Management (BLM) Report to Congress provides the most comprehensive inventory of contaminated lands transferred under ANCSA. State, Federal, and Tribal organizations have opened a dialogue to discuss this inventory, and are dedicated to working towards a solution. This session will discuss ANCSA contaminated lands from the State and Tribal perspective, highlight recent efforts, challenges, next steps, and some of the resources that may be able to provide some assistance.

**Presenters:** Joy Britt, Alaska Native Tribal Health Consortium and Christy Howard, Alaska Department of Environmental Conservation

**Moderator:** Ann Wyatt, Klawock Native Village and TWRAP Steering Committee member



## Tribal Food Systems: Taking Care of the Land, Water, and Community ~ Tulsa Room B-1 ~

**Details:** This session will include a history of two tribal food systems. Topics will include a discussion on food sovereignty, traditional agriculture, and tribal food economies, seed saving, soil science, pollinator conservation, season extension, food preservation, and marketing. Participants will learn the process of beginning and maintaining a tribal food system; collaborating with outside agencies and landowners to assist with equipment, supplies, conservation practices, and educating producers and beginning farmers. Participants will learn how growing food ultimately takes care of the land, water and community. Participants will sample local and traditionally harvested foods. Participants can choose to bring open pollinated/heirloom seeds for trade or local traditional foods to share and/or trade.

**Presenters:** Nikki Crowe, Fond du Lac Tribal College's 13 Moons and Bimaaji'idiwin Ojibwe Garden Program; Shannon Judd, Fond du Lac Band of Lake Superior Chippewa; Jeff Mears, Oneida Nation

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# Detailed Agenda ~ Thursday, August 17



1:30 pm ~ 3:00 pm ..... Breakout Sessions ..... 1:30 pm ~ 3:00 pm

## Building Tribal Capacity for Data Management and Exchange ~ Tulsa Room B-2 ~

**Details:** This session will discuss how tribal environmental data management activities can be reinforced and enhanced through participation in the Exchange Network, a valuable resource for tribes looking to expand their environmental management capabilities. Presenters will provide an overview of the Exchange Network, including funding opportunities, project examples and useful resources for tribes.

**Presenter:** Lydia Scheer, ITEP; Lynn Capuano, Exchange Network and E-Enterprise

## Building Tribal Drinking Water and Wastewater Infrastructure Systems with USEPA's Drinking Water and Clean Water Tribal Set-Aside Programs: A History, How to Apply for Funds, and Future Outlook

AND

## ITCA Tribal Operator Certification Program Overview and Updates

~ Tulsa Room B-3 ~

**Details:** The session will walk through a short history of program achievements and share some online resources. We will then talk about how an individual tribal utility can apply for funds by either working with their local Indian Health Service (IHS) Area office or responding to Regional solicitations. Community water systems and non-profit, non-community water systems that serve a tribal population are eligible to have projects funded, in whole or in part, with DWIG-TSA funds. To be considered for CWISA program funding, tribes must identify their wastewater needs to the IHS Sanitation Deficiency System. EPA uses the IHS Sanitation Deficiency System priority lists to identify and select projects for CWISA program funding. Ranking factors include health impact, existing deficiency level, previous service, capital cost, operations and maintenance capability, financial contributions from the community, local tribal priority, and local conditions. The session will conclude with a discussion about recent changes to the programs and the future outlook. Through EPA funding, investments in tribal water and wastewater infrastructure protect communities and the societal and cultural values of water resources and improves ecosystem health. Improved wastewater infrastructure protects and restores water quality, thereby reducing the risk of infectious disease morbidity and mortality in Indian Country.

**Presenter:** Matthew Richardson, USEPA

**Details:** The National Tribal Water & Wastewater Operator Certification Program at the Inter Tribal Council of Arizona, Inc. (ITCA) serves to meet the needs of drinking water and wastewater operators working on Tribal lands and to provide a jurisdictionally-correct alternative to state certification programs. The ITCA is a U.S. EPA-approved provider of certification services under the U.S. EPA Tribal Drinking Water Operator Certification Program Guidelines and makes its services available to all Tribal water and wastewater system operators working in Indian Country. This session will provide an overview and update of training and certification services provided by ITCA.

**Presenters:** Brian Bennon and Quannee Oosahwe, Inter Tribal Council of Arizona

**Moderator:** Arvind Patel, Pueblo of Acoma and TWRAP Steering Committee chair

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# Closing Plenary ~ Thursday, August 17

3:30 pm ~ 5:00 pm .....Closing Plenary ..... 3:30 pm ~ 5:00 pm

## **Closing Plenary: Tulsa Ballroom 3:30 pm - 5:00 pm**

SPECIAL PRESENTATION BY THE IOWA TRIBE'S GREY SNOW  
EAGLE HOUSE RAPTOR REHABILITATION PROGRAM

FINAL RAFFLE

Thank you all for joining us at this seventh TLEF. We hope your experience was filled with beneficial conversations, and useful information, and that you return home with some new ideas and inspiration. We wish you all safe and pleasant travels.

## **Meet Your On-Site ITEP Staff**

All of us at ITEP want to thank you for your attendance and participation in the Tribal Lands and Environment Forum. We hope you find it useful in your ongoing work protecting tribal lands, water, and people.



Ann Marie Chischilly, Executive Director

Todd Barnell, Program Manager  
John Mead, Program Coordinator Sr.  
Riley Smith, Research Assistant  
Lydia Scheer, Air Quality Program Manager  
Ty Jones, Application Systems Analyst

Julie Jurkowski, Program Coordinator Sr.  
Jennifer Williams, Program Coordinator Sr.  
Melinda Yaiva, Accountant  
Nikki Cooley, Climate Change Co-Manager

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*Prosper Sustainably's clients have included: Pala Band of Mission Indians, Yavapai Apache Nation, USEPA American Indian Environmental Office (subcontracted by Syststalex), Washoe Tribe, Santa Rosa Band of Cahuilla Indians, Kickapoo Tribe of Kansas, Tachi Yokut Tribe, San Pasqual Band of Mission Indians, Institute for Tribal Environmental Professionals, Buena Vista Rancheria of Me Wuk Indians, Owens Valley Indian Water Commission, Intertribal Council of Arizona, La Jolla Band of Luiseno Indians, Rincon Band of Luiseno Indians, Chemehuevi Indian Tribe, Cabazon Band of Mission Indians, Morongo Band of Mission Indians, Bear River Band of Rohnerville Rancheria, Native Village of Nuiqsut, Susanville Indian Rancheria, Reno Sparks Indian Colony, Scotts Valley Pomo, Tetlin Village Council, Pueblo of Isleta, Pauma Band of Mission Indians, and White Mountain Apache Tribe.*

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## Save the Date for the 2018 TLEF

Next year the  
Tribal Lands and Environment Forum  
will take place August 13-16, 2018  
In Spokane, Washington

More details will be coming soon.  
We hope to see you there!



# Speaker Bios

**Abhold, Kristyn.** Kristyn Abhold is a Financial Analyst with EPA's Water Infrastructure and Resiliency Center, where she helps manage WaterCARE, a financial technical assistance project, organizes regional Finance Forums, and leads the Center's efforts in conservation financing. Kristyn has considerable experience in the urban water policy arena. As the former Vice President of the US Water Alliance she directed projects and programs that brought together diverse stakeholders to advance urban water sustainability through collaboration. Kristyn also has experience working on western water issues. She consulted with EPA Region 9 on opportunities and barriers to co-digestion at wastewater utilities. She also consulted with the Union of Concerned Scientists and the California Water Foundation to develop a set of recommendations on the implementation of California's 2014 Sustainable Groundwater Management Act. Kristyn has a Master of Public Policy degree from the Goldman School of Public Policy at the University of California, Berkeley and a Bachelor of Economics and Environmental Studies from the University of California, Santa Cruz.

**Anderson, Dale.** Mr. Anderson has served as an Environmental Health Specialist for GRIC DEQ since 2009. He previously served with the Arizona DEQ, with over 20 years as manager of the Hazardous Waste Inspections, Emergency Response, and Pollution Prevention units. He has conducted hundreds of hazardous waste inspections, emergency responses and enforcement investigations.

**Arce, Michael.** Mike is a Natural Resource Technician for the Oneida Environmental, Health and Safety Division since 2012. He is a licensed Remote Pilot Operator and uses the sUAS or "drone" for invasive species monitoring, wetland restoration projects, and mapping.

**Barnell, Todd.** Todd joined ITEP in 2002, after stints in climate change, forest ecology, and public relations for an opera theater. He manages TWRAP and TSWEAP activities for ITEP. When not working with his excellent team at ITEP, and terrific Tribal colleagues, you can find him gardening, birding, or with his nose stuck in a book.

**Barnowsky, Bobbi Anne.** Ms. Barnowsky is the Program Coordinator for the Tribal Solid Waste Advisory Network. She served the Alutiiq Tribe of Old Harbor as their Tribal Administrator for 5 years and as one of Alaska's Region X RTOC representative. As the former Old Harbor Environmental Director, she led her community to be a model class III Landfill as well as instituted an Air Quality Program and Tribal Emergency Response Team. She served two years as an AmeriCorps RAVEN member working with youth and community members in Old Harbor focused on increasing volunteering and fostering youth involvement through environmental

awareness and projects. As a veteran teacher and elder advocate, she has vast experience working with youth and elders of varying cultures. Working together with the youth and elders to bridge the gap between them has common concerns. Ms. Barnowsky currently holds a Master's degree from University of Alaska Southeast and San Jose State University. She was awarded the Alaska Forum on the Environment Environmental Excellence Award and led her community to receive the Alaska Tribal Environmental Management Community Environmental Excellence Award. She was recently awarded the 1<sup>st</sup> Ladies Volunteer of Year Awards for the State of Alaska. Currently, she is using her knowledge and experience to write tribal grants for new and innovative ideas for tribes in need.

**Barolo, Mark.** Mark is the Deputy Director of EPA's Office of Underground Storage Tanks (OUST), which is responsible for implementing the national UST/LUST program to prevent and clean up UST releases. OUST works closely with its tribal, state, and industry partners to develop practical solutions to the ever-evolving program challenges and opportunities. Mark has worked in OUST since 1993 in a variety of capacities and appreciates the opportunity to talk with and learn from tribal partners and other professionals in the industry.

**Barrows, Judy.** Judy Barrows has worked in USEPA's Office of Underground Storage Tanks (OUST) in various capacities including as a senior policy analyst, program manager and advisor on budget, communication, program management, leaking underground storage tank cleanup, and Indian country issues. Currently, Ms. Barrows is OUST's Tribal Team Leader and welcomes all opportunities to collaborate on ways to improve the UST Program.

**Battin, Andy.** Mr. Battin is the Director of the E-Enterprise for the Environment at the U.S. Environmental Protection Agency in Washington, DC. He is a member of the Senior Executive Service and has over 28 years of information technology experience. Previously he was the Director of EPA's Office of Information Collection where his responsibilities included the National Environmental Information Exchange Network, EPA's Central Data Exchange, as well as EPA's Records, FOIA, eDiscovery and Privacy Programs. He has a Bachelor's degree in Geo-environmental Studies from Shippensburg University of Pennsylvania, and a Chief Information Officer (CIO) certificate from the National Defense University.

**Bauer, Britini.** Britini Bauer is the Water Quality Monitoring Specialist for the Kickapoo Tribe in Kansas. She holds a Bachelor's of Science in Environmental Studies from the University of Kansas. She currently oversees the Clean Water Act Section 106 Water Quality Monitoring Program and is the GIS Specialist for the Kickapoo Tribe.





**Begay, Brenda P.** Ms. Begay is a member of the White Mountain Apache Tribe who is striving to "Keep Apache Land Beautiful." She has been work with the Environmental Protection Office since 2001 as the program manager. She is familiar with the Cleanup grant and has overseen a Brownfields grant which was utilized to cleanup a site on her reservation.

**Bennon, Brian.** Brian is the Director of the Tribal Water Department at the Inter Tribal Council of Arizona, Inc. (ITCA). He oversees ITCA's Tribal Water & Wastewater Operator Certification Program and the ITCA Tribal Compliance Assistance Program, as well as secures continued grant funding for those programs. Brian holds a Bachelor's of Science degree in Hydrology & Water Resources from the University of Arizona. He has worked directly for tribes in managing and protecting Tribal water resources for over 20 years.

**Beshk, Sebastian.** Mr. Beshk works in EPA's Region 9 office in the Office of Pollution Prevention, and Tribal Solid Waste. He has training, and project management work in the field of Community-Based Social Marketing specifically working with California and Arizona tribes on effective outreach around zero waste initiatives. He is the solid waste liaison for Arizona tribes, and one of the region 9 contacts for tribes interested in pollution prevention work. Before joining the EPA Sebastian was a Peace Corps Volunteer in Gambia, West Africa.

**Besougloff, Jeff.** Jeff Besougloff is the Senior Advisor for the Policy and Communications Team at EPA's American Indian Environmental Office. Before joining EPA in 2000, he worked from 1992-2000 as the Director of Environmental Programs for the Upper Sioux and Lower Sioux Indian Communities in Minnesota. With the tribes, Jeff was responsible for a broad range of environmental capacity building and program implementation activities including administering federally delegated lead-based paint programs, water and wastewater infrastructure development, wetlands programs, and an energy efficiency and wind power program. At EPA he works under EPA's 1984 Indian Policy and AIEO's Mission Statement to ensure that EPA services and resources are available to tribes to meet joint EPA and tribal priorities. Jeff also has five years of experience practicing law in Washington DC.

**Brignull, Aaron.** Mr. Brignull is an Environmental Scientist for Campbell Environmental Group and has been working with tribal partners since 2007. He has experience in a variety of environmental projects including assisting on more than 50 Brownfields Sites in the State of Maine. He regularly conducts Phase I and II Environmental Site Assessments, develops quality assurance project plans, and prepares technical reports. He has worked closely with the Passamaquoddy Tribe to develop, support, and perpetuate both their 128(a) Tribal Response

Grants and 104(k) Hazardous Substance Grants.

**Britt, Joy.** Joy Britt is the Alaska Native Tribal Health Consortium's Brownfields /Tribal Response Program Manager. In this role, she leads the support of identification, remediation and prevention of contaminated sites in Alaska. Joy holds a Master in Public Health Practice, a Bachelor of Science in Biology and a minor in Chemistry. Joy is passionate about preserving the environment and the environmental links to better public health, as well as promoting equal access to healthcare. Joy is from the island of Guam in the Northern Marianas. She enjoys all outdoor activities and eating outrageous foods.

**Brown, Levi.** Mr. Brown has 11 years of experience working on many issues within Indian country including; Environmental permitting (NEPA), right of way, civil regulatory jurisdiction Environmental Justice and partnership building. He was born and raised on the Leech Lake Indian Reservation and is an enrolled member. He also was educated at Minnesota State University of Mankato. Mr. Brown has been an invited presenter for; U.S. Forest service, MN DOT on civil regulatory issues within Indian Country, State of Minnesota Tribal Relation training, U.S. EPA revisiting 1984 Indian Policy and has done many smaller presentations for other government entities.

**Bulgrin, Scott.** Mr. Bulgrin works for the Pueblo of Sandia Environment Department as their Water Quality Manager. Scott has worked for the Pueblo of Sandia for the past 17 years. He has been involved with various environmental activities which include: surface water quality monitoring, water quality standards, endangered species surveys, biological and vegetative surveys, NPDES permits, compliance and enforcement Mr. Bulgrin has Federal Credentials under the CWA, storm water issues, Rio Grande Bosque restoration, wetland restoration, other water quality issues, and a variety of environmental activities (USTs, illegal dumping, recycling, and air).

**Burnette, Marco J.** Mr. Burnette is the Environmental Assistant and has been with the Environmental Protection Office since 2014. He has gained a lot of knowledge by working with his colleagues as he works under the 128a grant.

**Camilli, Geraldine. P.E.** Geraldine Camilli is an Environmental Engineer with over 15 years of professional experience and has worked on water and wastewater infrastructure projects, funding, and sustainability. She has led prior workshops in this series for the USEPA.

**Campbell, Rich.** A Geologist for Campbell Environmental Group, Rich has supported Brownfields programs in tribal communities in EPA Regions 1, 2, 4, 5, 8, and 10. Has been conducting environmental investigation and remedial projects since 1988.



## Speaker Bios

**Carroll, Ann.** Ann Carroll has worked for over 30 years on environmental and public health protection including contaminated site cleanup, risk communication and lead poisoning prevention here and abroad. Since 2002, Ann has been with the US EPA Office of Brownfields and Land Revitalization in Washington DC working on contaminant specific issues, public health, research and training, health improvement through revitalization, and as liaison with EPA and other health programs. Ann began her career with EPA New England's Office of Underground Storage Tanks in 1989 and served as Lead (Pb) Coordinator until 1996 before leaving EPA to support lead poisoning prevention activities in Australia, India, Indonesia and elsewhere. Ann has a BS in biology (Va Tech), an MPH in environmental health (BU) and is a doctoral candidate in Environmental Health Sciences and Policy at the Johns Hopkins University, Bloomberg School of Public Health. Ann's only pets at present are her worms but she is happy to be followed by robins as she gardens.

**Chavez, Margaret.** Margaret Chavez is from Santo Domingo Pueblo, one of nineteen in New Mexico. She is a graduate of the University of New Mexico with a Bachelor of Business Administration. She has been working in the environmental field for over 20 years starting with the Superfund Program as the Community Relations Coordinator. Over the years she has worked in various capacities including Solid Waste, Brownfields, Superfund, Pesticides, and Hazardous Waste but her passion is working with tribal governments and tribal communities. She enjoys interacting with youth and talking with the elders. Under the Eight Northern Indian Pueblos Council, Inc. she helps organize and coordinate the annual Tribal Youth Environmental Summer Camp for high school students. She leads many solid waste efforts (trainings, events, projects) amongst New Mexico pueblos and tribes.

**Chischilly, Ann Marie.** Ann Marie is the Executive Director of ITEP, and serves on a variety of boards and commissions, including the Indian Law Section Executive Board of the Arizona State Bar, First Stewards on Climate Change Founding Board, and Federal Advisory Committee on Climate Change and Natural Resources Science. Prior to coming to ITEP she served as the Senior Assistant General Counsel to the Gila River Indian Community, where she assisted the Community in implementing the historic Arizona Water Settlement Act and founded the Gila River Indian Community Renewable Energy Team. Ms. Chischilly is an enrolled member of the Navajo Nation (Diné). She earned her Juris Doctorate (J.D.) degree from St. Mary's University School of Law and a Masters in Environmental Law (LL.M) from Vermont Law School.

**Collins, Douglas E.** Mr. Collins is currently employed as a Chemical Security Inspector for Infrastructure Protection at

the Department of Homeland Security (DHS). In this capacity he serves as a technical authority and subject matter expert on the Chemical Facility Anti-terrorism Standards regulation. He is responsible for providing advice and counsel to industry facilities, corporations and governmental entities in the Department of Homeland Security. He has extensive experience in reviewing and applying governmental regulations, conducting stakeholder outreach visits, industry presentations, regulatory inspections, physical security assessments and reviews. Additionally he is an authority on writing and evaluating site security plans, alternate security plans, security vulnerability assessments and evaluations of regulated high-risk chemical facilities. In 2010 he was certified through the government as a hazmat technician. Prior to this current position his experience includes: 6 years as a Transportation Security Inspector with TSA (aviation, rail & cargo), 2 years as a Transportation Security Screening Supervisor and 4 years as a Bomb Appraisal Officer. He has taught classes on x-ray interpretation, explosive trace detection and search techniques along with IED recognition to thousands of security and law enforcement personnel. He has over 12 years as a Law Enforcement patrol officer in Oklahoma including 6 years at University of Oklahoma Police Department, 3 years on the Oklahoma County Bomb Squad. Mr. Collins also spent 4 years in the US Army as an Explosive Ordnance Disposal Technician and 11 years in the Oklahoma National Guard as an infantry squad leader. As an EOD technician he was considered an integral part of the US Secret Service dignitary protection division utilizing his expert knowledge of improvised explosive devices search techniques including K-9 operations. His formal education includes having a B.S. in Criminal Justice Management and Ethics from Mid-American Christian University and an A.A.S. in Police Science from Oklahoma State University.

**Cooley, Nikki:** Nikki is the co-manager for ITEP's Tribal Climate Change Program. She is of the Diné Nation by way of Shonto and Blue Gap, AZ, and is of the Towering House Clan, born for the Reed People Clan, maternal grandfathers are of the Water that Flows Together Clan, and paternal grandfathers are of the Manygoats Clan. Her undergraduate and Masters studies includes extensive work with the Cherokee Tribe of North Carolina, and has worked with various tribes including the Kaibab Paiute tribe. Nikki's current work takes her all over the United States working with regional, national, tribal and federal partners to address climate change impacts on tribal culture and resources.

**Craig, Vivian.** Vivian works for the Navajo Nation Superfund program as an environmental specialist.

**Dailey, Anne.** Anne Dailey is a senior environmental scientist with the US Environmental Protection Agency (EPA) Office of



Superfund Remediation and Technology Innovation. Anne serves as an OSRTI Superfund Tribal Coordinator and works with the Tribal Superfund Working Group. Anne also works on Superfund climate change issues, groundwater challenges and is the Superfund Completions Coordinator. Prior to joining EPA Headquarters six years ago, Anne worked for more than 20 years in EPA Region 10 (Seattle) in both the Superfund and Water programs. In Region 10, she was a Superfund Remedial Project Manager for more than a decade and worked on a broad array of remediation challenges. Anne has a Bachelor of Science in Geology and a Master's of Science in Oceanography from the University of Washington.

**Davis, Patrick.** Patrick Davis joined the U.S. Environmental Protection Agency (EPA) in January 2017 as part of the "beach head" team, and became the Deputy Assistant Administrator for the Office of Land and Emergency Management (OLEM) in May 2017. OLEM provides policy, guidance, and direction for the Agency's emergency response and waste programs. Prior to coming to EPA, Mr. Davis served as the Colorado Senior Advisor to the Donald Trump for President campaign. In January 2005, Mr. Davis founded Patrick Davis Consulting, LLC, a firm dedicated to serving candidates, campaigns, corporations, and clients in the areas of public affairs, political consulting, strategy and public relations. Mr. Davis served as the Executive Director of the South Dakota Republican Party from 1995 to 1999. During the 1992 Bush-Quayle Presidential campaign, he served as the field desk coordinator for eleven northwestern states, and in 1990, Mr. Davis served as the Assistant to the Deputy Director of White House Political Affairs in the George Bush "41" administration. Outside of work, Patrick is a fly fisherman and enjoys spending time with his family in Colorado.

**Daukas, Glenn.** Glenn Daukas is an environmental contractor for Penobscot Indian Nation.

**Diefendorf, Sarah.** Sarah is the Executive Director of the Environmental Finance Center West, housed at Earth Island Institute in Berkeley, California. She has founded and managed numerous nonprofit organizations throughout her career and has specialized in building financial, communications and leadership capacity in the US and abroad. For the past three years Sarah has worked as a national trainer for USEPA and has delivered Leadership Through Communications workshops for small water systems for rural communities and Tribes throughout the US. Sarah also has over ten years of experience working with multiple Tribes in California, Nevada, Arizona and New Mexico to support efforts to develop greener economies and self-sufficiency through recycling programs, transfer stations, compost operations, ecotourism and alternative energy.

Sarah is an Expert Witness for the USEPA National Environmental Finance Advisory Board, serves on the Board of the California League of Women Voters, is the immediate past chair of the Carbon Cycle Institute and holds a BA in International Relations from San Francisco State University and an MS in Environmental Geography from Cambridge University.

**Duncan, Heather.** Ms. Duncan is the Tribal Water Quality Coordinator for EPA Region 7. Since 2011, she has worked with Region 7's tribal partners to develop and enhance their water quality monitoring and nonpoint source programs. Prior to working in tribal water quality programs, Heather spent time with Region 7's pesticides program and was the co-chair of Region 7's Agriculture Team. Outside of work, Heather identifies herself as a wife, a mom, an Iowa farm girl, and a graduate of Iowa State University (2006, B.S. Public Service and Administration in Agriculture - Agricultural Meteorology).

**Dyment, Stephen.** Stephen Dyment is a chemist with more than 20 years of experience including 4 years in a commercial analytical laboratory and 8 years in environmental consulting. He joined EPA in 2005 with a focus towards enhancing acceptance and use of emerging analytical technologies and sampling strategies. His perspective draws upon years of practical laboratory and field experience to apply EPA's Triad approach and associated best practices at sites in Superfund, Brownfields, RCRA, UST and State programs. Mr. Dyment's efforts have resulted in the development of numerous EPA case studies, profiles, and training courses that outline successful strategies for the use and understanding of high resolution/ collaborative data sets, adaptive QC programs, and real time analytics. He provides direct project support for sites in Superfund, RCRA, and Brownfields, conducts research on issues of national significance while connecting regional research needs with national ORD expertise, and teaches classes on sampling design, x-ray fluorescence, high resolution site characterization, 3D visualization and other technical subjects. Mr. Dyment holds a B.S. in Environmental Science/Toxicology from the University of Massachusetts at Amherst.

**Ebbert, Laura.** Laura Ebbert is the Tribal Program Manager for USEPA Region 9, covering the Pacific Southwest and serving 148 federally recognized tribes. Her team worked with tribes across the nation to develop the Tribal Green Building Toolkit and with Gila River Indian Community to learn from and share their outstanding green building practices.

**Emarthla, Micco.** Mr. Emarthla is the Environmental Specialist for the Seneca-Cayuga Nation, and has worked under the CLWA Section 106 program for the past 9 years. He feels lucky to spend his days completing field data collection, laboratory testing, data analysis, and subsequent reporting, while



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assisting in other environmental programs from recycling to lead based paint risk assessment. He has built the Nation's Water Quality Program from humble beginnings into one of the more advanced tribal programs in Region 6, while trying to assist other tribes in the region along the way. These efforts led to his proposal for tribal report standardization, and electronic reporting to EPA through the Assessment TMDL Tracking and Implementation System (ATTAINS). In addition, he serves on the RYOC for Region 6, the National Tribal Water Council, and as the current Tribal Co-chair of the E-Enterprise Leadership Council. He attended Oklahoma State and has degrees in Electrical Engineering and Computer Science.

**Epting, Steve.** Steve Epting is the national coordinator for the Tribal Clean Water Act (CWA) Section 319 Nonpoint Source (NPS) Program, based at EPA Headquarters in Washington, DC. Steve also works in EPA's Healthy Watersheds Program. Prior to his current position, Steve spent three years in EPA's National NPS Program, where he worked primarily with states and EPA regional offices to track and publish stories on the successful restorations of NPS-impaired waterbodies. Steve has a M.S. from University of Maryland, where he conducted research on wetland hydrology.

**Flowers, Victoria.** Ms. Flowers has worked for the Oneida Nation since August of 2004, as an Environmental Specialist in the Brownfield Program developing an Environmental Response Program using Brownfield 128(a) grant funding, an Underground Storage Tank Compliance Assistance Program, and an environmental database that tracks various activities associated with tribal and federal funding. She has also provided input into a national measures workgroup for Brownfields, assisted in the development of peer to peer training materials for both Brownfields and underground storage tanks, and is a National Steering Committee member for the Tribal Waste and Response Assistance Program.

**French, Harrell.** Harrell graduated with a Bachelor of Science Degree in Business Management from Murray State University in 1973. He worked for over 12 years as a Vice President of two different banks prior to starting computer Software Company that marketed accounting systems to banks the company developed. Prior to joining USET he worked in the computer industry. Upon joining USET he oversaw the automation of Tribal Law Enforcement and Tribal Court records on a centralized computer system. He then worked as a Senior Project Coordinator on a project with FEMA's National Integration Center. He currently divides his time between a project with the Alabama Fire College's Tribal Educational Outreach Program and the EPA's Tribal-FERST web-based information and mapping tool designed to provide Tribes with easy

access to the best available human health and ecological science. He currently serves as a member of FirstNet's Tribal Working Group which is helping to oversee the development nation's first high-speed, nationwide wireless broadband network dedicated to public safety, and he also serves as a member of the Region IV Public Health Training Center Steering Committee that operates out of Emory University in Atlanta.

**Gaughen, Shasta.** Shasta Gaughen is the Environmental Director and the Tribal Historic Preservation Officer for the Pala Band of Mission Indians in Pala, CA. She has worked for the Pala Band since January 2005. She also teaches in the Anthropology Department at California State University San Marcos. Dr. Gaughen received her PhD in Anthropology from the University of New Mexico in 2011. She is Secretary of the Board for the Native American Environmental Protection Coalition, a member of the advisory board for the Climate Science Alliance - South Coast, and board member of the Upper San Luis Rey Resource Conservation District. Dr. Gaughen has made presentations on cultural and environmental topics for the Navy, Border Patrol, California Indian Legal Association, San Diego County Archaeological Society, California Mission Indian Association, and many other private and public organizations.

**Gogal, Daniel.** Mr. Gogal is a Senior Environmental Protection Specialist with the U.S. EPA, Office of Environmental Justice (OEJ), where he has served since June 1992. Mr. Gogal has a public policy, environmental policy, and public administration background. He is the Tribal and Indigenous Peoples Program Manager for OEJ and has been working on tribal and indigenous peoples' environmental policy and environmental justice issues for over 29 years. He also serves as EPA's Lead for International Human Rights Agreements, and has worked in various capacities for the Agency's environmental justice program over the past 24 years. In addition, Mr. Gogal and his wife enjoy the experiences and dynamics of raising six children.

**Goldfarb, Eugene.** Mr. Goldfarb is a TAB partner (with KSU) and retired from a 30-year career with HUD in 2004. He has managed courses for UIC-Chicago, UCLA, Johns Hopkins, USEPA, Native Learning Center, and others. Eugene was named HUD's "brownfield guru" by Planning magazine in 2002 and was one of the principal architects of USEPA/HUD's 5 day "Nuts & Bolts of Brownfield Redevelopment" course that ran in late 90's thru 2000's.

**Goodson, Judy.** Ms. Goodson possess a BAS from Lewis Clark State College majoring in Civil Engineering with a minor in Geographic Information Science and is a licensed Land Surveyor in Training. She currently works for the Nez Perce Tribe under the Tribal Response Program providing field and office support to multiple programs. She has another twelve years of





field and office experience performing under Professional Engineers and Professional Land Surveyors. In her spare time, she sews quilts, rides her horses and grows a large garden.

**Gorini, Kelly.** Kelly Gorini is the Assessment, Cleanup, and Redevelopment Exchange System (ACRES) Lead for the Office of Brownfields and Land Revitalization (OBLR). Kelly came to OBLR after 3 years at EPA's Region 9 Office in San Francisco, where she was a RCRA State Project Officer. Prior to that she was part of EPA's Pollution Prevention Division, where her work focused on environmentally preferable products. Kelly has a Bachelors in Environmental Biology from the University of Dayton, and a Masters of Public Affairs in Environmental and Natural Resource Management from Indiana University's School of Public and Environmental Affairs. Kelly and her husband recently rescued a new dog, Mia the Mastiff, and are enjoying being first time dog owners.

**Grant, Jill.** Ms. Grant is the founding member of Jill Grant & Associates, LLC in Washington, D.C. Her work focuses on the development, implementation, and enforcement of tribal environmental laws and programs and associated administrative and appellate litigation. She has assisted tribes with obtaining "treatment as a state" and primacy for many tribal environmental programs, including the first delegated Clean Air Act Title V permit program and the first public water systems supervision program. She also works with tribes to obtain proper remediation at various leaking storage tank sites and Superfund sites. Ms. Grant previously worked in the Office of General Counsel at EPA, where she was on the team that drafted the Clean Air Act Amendments of 1990 and assisted in developing the acid rain program. Ms. Grant earned her JD from Harvard Law School and her BA from Yale College.

**Grayson, Treda.** Ms. Grayson is an Environmental Protection Specialist on the Tribal Capacity Development Team in the American Indian Environmental Office (AIEO) at US EPA Headquarters. Her primary duty is to support tribes in developing environmental capacity through the administration of the Indian Environmental General Assistance (GAP). Before joining AIEO in 2015, she led the National Coastal Condition Assessment, as well as provided technical support to states, tribes, and other entities to develop and adopt biological, nutrient and aquatic life criteria for water quality standards development, in the Office of Water. Treda holds a B.S. degree in Marine Science from Coastal Carolina University, an M.S. in Environmental Sciences and Policy from Johns Hopkins University, and is a Ph.D. candidate in Environmental Science and Public Policy at George Mason University.

**Hall, Beth.** Beth Hall is a member of EPA's Office of Ground Water and Drinking Water.

**Harjo, Frank.** Mr. Harjo is the GIS Manager for Muscogee (Creek) Nation, the 4th largest tribe in the Nation. Frank has been with the tribe since 2009 and participates on various workgroups/committees to promote tribal issues. He has over 14 years of experience working with GIS and GPS technology. He holds a Bachelor of Science and Master of Science degrees as well as being a Certified GIS Professional.

**Hartnett, Mickey.** Kansas State University Technical Assistance to Tribal Brownfields (KSU-TAB) partner to provide assistance to tribes on 128(a) Tribal Response Programs and other brownfield issues. Served as a Brownfields and solid waste tribal circuit rider for the US EPA Region 8 from 2004 to 2014. Prior experience includes 25 years with the US EPA in the hazardous wastes, Superfund and Brownfields programs to include enforcement and compliance actions, hazardous waste facility permitting and major remediation projects of large contaminated facilities. He has diverse and extensive experience in assessment, remediation and redevelopment/reuse of contaminated sites and properties, including Brownfields and Superfund Sites. A graduate of the University of Florida with a B.S.E. in Environmental Engineering.

**Henry, Mike.** Mike works in the Tohono O'odham Nation Environmental Protection Office.

**Heppner, Alex.** Alex Heppner is the User Support & Data Migration Manager for Gold Systems, Inc. Alex has a BS in Environmental Science and years of sampling experience as a staff scientist in his home state of Pennsylvania. Over the past 4 years, Mr. Heppner has facilitated the migration of millions of records to WQX for various States, Tribes, and Volunteer Groups from all over the country.

**Hovis, Jennifer.** Jennifer currently serves as Chief of the Construction and Post Construction Management Branch (CPCMB) within the Superfund Program at EPA Headquarters. She has more than 19 years of experience in the Superfund program, spanning all areas of the pipeline as well as key support functions. CPCMB is responsible for implementation and oversight of remedial design, remedial action, post construction site management, Five Year Reviews and ultimately deletion from the National Priorities List. Prior to her current position, Jen oversaw data and records management efforts for Superfund, and worked in the site assessment and NPL listing phases of the program. Jen holds a degree in Geography from The George Washington University and lives in Alexandria, VA with her husband.

**Howard, Christy.** Ms. Howard joined the Alaska Department of Environmental Conservation Brownfields team in 2015. She works to increase education and awareness of brownfields, with a focus on outreach to





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Alaska's 28 EPA Tribal Response programs, federally recognized tribes, and Native Corporations. She oversees DEC's Brownfields Assessment & Cleanup (DBAC) service which provides assistance with assessment & cleanup of brownfields sites. Her background includes environmental consulting and laboratory analysis for a variety of clients in the cruise ship, mining, and waste water industry. She is from, and lives in Juneau, Alaska.

**Hurst, Don.** Don Hurst, Toxics Cleanup Program Manager for the Environmental Trust Department of the Colville Confederated Tribes. Environmental consultant 1984-2004; CCT TRP Manager 2005-present. Mr. Hurst works and resides on the 1.4 million- acre Colville Reservation in north central Washington. Bs, Ms Geology, University of Wyoming.

**Irwin, Raymond.** Raymond is a GIS developer. He has been with the Muscogee (Creek) Nation GIS department for 2 years. He has 22 years of development and IT experience in all aspects of the industry. He has worked on aircraft routing and engineering systems, Travelocity's tokenized security system, early interactive voice response systems and ACA conversions for the State of Ohio and Alabama. He is a licensed small Unmanned Aircraft pilot under FAA Part 107 and pilots drones for the GIS department. He has a BS from Oklahoma State University and attended graduate school at Tulsa University in Applied Mathematics. In his spare time he likes road cycling, trail running, hiking, hitting the gym, reading and writing poetry and literature and spending time with his family.

**Jacobson, Ted.** Ted Jacobson has been in the Solid Waste Industry for over 30 years, for the last ten he has worked in conjunction with the EPA in Rural Alaska Villages. Ted is a trainer in best management practices focusing on solid and hazardous waste management. Ted's current leadership positions include: A Chairmanship of the Training Committee of the Alaska Chapter of SWANA; he is a Member of the Alaska Association of Environmental Professionals, and; sits on the executive committee of the Solid Waste Alaska Taskforce.

**Jenkins, Darlene.** Darlene works for the Navajo Nation Superfund program as a GIS analyst.

**Jojola, Theodore, PhD.** Ted Jojola is a Distinguished Professor and Regents' Professor in the Community & Regional Planning Program, School of Architecture + Planning, University of New Mexico (UNM).

**Junker, Mark.** Mr. Junker has been the Brownfields 128(a) Tribal Response Coordinator for the Sac and Fox Nation for three years.

**Jurkowski, Julie.** Julie joined ITEP in 2014 and works as a Program Coordinator Senior on both TWRAP and TSWEAP activities. In addition to helping design and deliver the TLEF she conducts training courses, coordinates onsite mentor matches, assists the Tribal Superfund Working Group and TWRAP Steering Committee, and provides direct technical assistance to tribal professionals around the country. Prior to joining ITEP Julie worked on renewable energy policy, climate change, and green building projects, as well as being a back-packing guide.

**Kent, Tim.** Mr. Kent is a Professional Geologist and has over 15 years working with the Quapaw Tribe as their Environmental Director and Remedial Project Manager on the Tar Creek Superfund Site.

**Kersey, Kelton.** Kelton Kersey is the Environmental Specialist and Conservation Officer for the Pawnee Nation Department of Environmental Conservation and Safety for the last 13 plus years. Along with other duties, Kelton also coordinates the Pawnee Nation's Nonpoint Source Pollution Program by developing their Assessment and Management Plan. He also developed the Black Bear Creek Management Plan. In this role, Kelton enforces Pawnee Nation environmental and wildlife laws as well as manages the tasks of the Nonpoint Source Pollution program since the Tribe first received NPS funding in 2007.

**King, Summer.** Ms. King as an Environmental Scientist and provides essential quality control, sampling and analysis duties to the Tar Creek Superfund Site Remedial Action activities for the Quapaw Tribe. Worked more than 13 years for the United Keetoowah Band of Cherokees prior to joining the Quapaw Tribe Environmental Office.

**Kreman, Craig.** Mr. Kreman is an Environmental Engineer and provides project management and engineering duties to the Tar Creek Superfund Site Remedial Action activities for the Quapaw Tribe.

**Kriebs, Georja.** Ms. Kriebs is a Tribal Response Program Technician for the Ponca Tribe of Nebraska (PTN), in there Environmental Department out of there Lincoln office. She has been working for the PTN since October 2016. Prior from working for PTN she worked for Sac and Fox Nation of MO in KS and NE in there water division and her degree is in Wildlife Conservation and Management from Missouri Western State University.

**LeBlanc, John.** John LeBlanc is Red Lake's Environmental Program Director and has been working for the Red Lake



Band of Chippewa Indians since 2010. He is responsible for managing the GAP, Tribal Response 128(a) and Underground Storage Tanks DITCA grants. John is a federally credentialed UST inspector and he conducts compliance assistance visits as well as UST inspections on behalf of the USEPA. He works with Red Lake, three other Minnesota Tribes, and will soon be working with six Wisconsin Tribes as well on UST compliance. John continues work on development and enhancements of environmental regulations specific to the needs and concerns of the Red Lake Band for adoption into Red Lake Nation Tribal Law.

**Leven, Blasé.** Mr. Leven is the Coordinator of the KSU Technical Assistance to Brownfields (TAB) Programs, and has been the lead for development, upgrades and maintenance of BIT. He has worked with TAB since 1997, and with BIT and the precursor to BIT (piloted an EPA Region 8 MS Access application) beginning in 2004. He has assisted many users and given many workshops on BIT, is a licensed Professional Geologist, and has Masters and Bachelors degrees in Geology.

**Lindeman, Eric.** Mr. Lindeman has worked for a national environmental consulting firm for the past 25 years as an instructor, project manager, and regional health and safety coordinator. He has worked on several Federal contracts to help manage hazardous material emergencies and clean-ups. Between 1999-2010, Lindeman was the project manager for several state clients, training over 1500 law enforcement and other first responders in the Midwest on how to manage responses to and clean-up of methamphetamine labs. Lindeman has been involved for over 25 years with a fire protection district just outside of Kansas City, Missouri, as a training and fire officer. He was also an adjunct instructor for the University of Missouri, Fire and Rescue Training Institute teaching field programs and helping to manage annual fire schools as the safety officer. He is a licensed dentist in the state of Missouri where he practiced for about ten years. In 2010 he transferred to the Seattle office of the environmental consulting firm to support the Seattle Region 10 EPA/Superfund Technical Assistance and Response Team (START).

**Lloyd, David R.** David Lloyd is the Director of the Office of Brownfields & Land Revitalization in the EPA Office of Solid Waste and Emergency Response. David assumed this position in January of 2006 after holding a variety of positions in the areas of private and Government legal practice, real estate development and operations. David received his undergraduate degree in English Literature from the George Washington University in 1985, and a law degree from Washington and Lee University in 1988. David is a proud citizen of the Cherokee Nation and lives with assorted large, hungry pets in

Lexington, Virginia and Washington, DC.

**Long, Richard.** Rick Long is Executive Vice President and General Counsel of the Petroleum Equipment Institute (PEI). Rick also serves as Editor-in-Chief of the TulsaLetter and the PEI Journal. He is a member of the NFPA (National Fire Protection Association) Technical Committee on Vehicular Alternative Fuels. Prior to joining PEI in 2009 as General Manager and Associate General Counsel, Rick owned and operated a Tulsa-based firm that provided marketing, communications and strategic services for leading for-profit organizations and non-profit associations, including PEI. During his career, he has written hundreds of articles advising large and small businesses on management, marketing, legal issues and technical matters. Rick earned a Bachelor's of Science degree, with high honors, from Southern Methodist University, where he was inducted into Phi Beta Kappa. He received his Juris Doctorate degree, with honors, from the University of Texas in Austin. Before entering the world of communications and association management, Rick practiced law in Tulsa.

**Lord, Gussie.** Ms. Lord is a senior associate with Jill Grant & Associates, LLC in Washington, D.C. Ms. Lord works with tribes on environmental and administrative issues, including: code and policy development; solid and hazardous waste management and cleanup; protection of tribal water and air; Treatment as a State; tribal housing development and management; jurisdiction and other sovereignty issues; and tribal cultural resource protection. Ms. Lord earned her JD from the University of Michigan Law School and her BA from the Virginia Military Institute and is a member of the Oneida Nation of Wisconsin.

**Luscombe, Emily.** Emily Luscombe is the Environmental Director at Coyote Valley Band of Pomo Indians in Redwood Valley, CA. She graduated from Connecticut College with a BA in Environmental Studies and Anthropology and Flinders University of South Australia with a Masters in Environmental Management. Emily has worked in a variety of environmental media and is currently focusing much of her attention of the River bank stabilization and restoration project. This has led to exploration on restoration options and funding.

**Marley, Cindy.** Cindy Marley is the Finance Coordinator for the Penobscot Indian Nation.

**Marsh, Janette.** Ms. Marsh has worked for EPA for more than 25 years and is currently Region 5's Tribal 319 Coordinator. She also works on state 319 programs and is a member of the region's Clean Water Act/Safe Drinking Water Act Integration team. Janette enjoys vacationing in Wisconsin's northwoods where she can listen to loons



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on the lake.

**Martin, Rebecca.** Rebecca Martin is the ENIPC Program Manager for the National UST Compliance Assistance and Training Support in Indian Country Grant. Ms. Martin is originally from New Mexico, and has recently worked in California as a Geographic Information Systems Technician for Apple. Ms. Martin has a Bachelors of Science in Geography and will be completing a Masters of Applied Geography from New Mexico State University.

**Matheson, Caj.** Mr. Matheson is the Cultural Resources Protection Manager for the Coeur d'Alene Tribe. He is a Coeur d'Alene Tribal member from the Turtle Clan. He manages multiple cultural resource mitigation efforts through cultural revitalization efforts. He is also the Communications Specialist for the Coeur d'Alene Basin Natural Resource Trustees and represents the Coeur d'Alene Tribe as an alternate on the Basin Environmental Improvement Project Commission that oversees remedy and restoration in the Bunker Hill Superfund site. Caj received his bachelor's degree in Organizational Sciences with a minor in Business through the University of Idaho.

**McInnis, Jean.** Jean McInnis is the Environmental Protection Administrator for the Mohegan Tribe of Indians of Connecticut since October of 2005. She holds a Master's degree in Environmental Engineering Technologies from the University of New Haven, a Bachelor's degree in Environmental Horticulture from the University of Connecticut, College of Agriculture and Natural Resources and is a Certified Hazardous Materials Manager as of June 2005. Ms. McInnis has a diverse work background in industrial manufacturing as an Environmental, Health and Safety Specialist for approximately 20 years for various organizations. Ms. McInnis has also worked as General Manager for a Connecticut municipality for 5 years and as an environmental consultant for two different consulting firms for a total of 5 years.

**McKeown, AmyJean.** AmyJean McKeown, EPA tribal lead for Region I.

**Mitchell, Dale.** Mr. Mitchell is the Passamaquoddy Pleasant Point Tribal Brownfields Coordinator. He is responsible for managing the Tribes 128 (a) Tribal Response Grant as well as the 104 (k) Community Wide Assessment Grants. Mr. Mitchell is committed to keeping the natural resources a part of the Tribes Cultural right to use and respect. Mr. Mitchell was the former Water Resources Specialist monitoring the coastal waters for red tide.

**Mix, Rudy.** Mr. Mix is the Waste Program Manager for the Gila River Indian Community, Department of Environmental Quality. In his 19 years with DEQ, he has conducted a wide variety of waste program activities, including performing hazardous and solid waste inspections, overseeing site clean ups, providing technical assistance to regulated businesses, developing program plans, and developing the GRIC waste ordinance and integrated waste management plan.

**Moore, Glenn.** Glenn A. Moore serves as the US Department of Homeland Security's Protective Security Advisor (PSA) for the Oklahoma District. Mr. Moore supports homeland security efforts by assisting with the identification, assessment, monitoring, and minimizing the threat risk at the local level. As a PSA, Mr. Moore facilitates, coordinates, and performs vulnerability assessments for local infrastructure and assets, and acts as a physical and technical security advisor to Federal, state, and local law enforcement agencies.

**Naha, Cynthia.** Cynthia is an enrolled member of the Hopi Tribe and also comes from Tewa and Ihanktowan Dakota Oyate descent. She has been involved in Tribal Environmental Programs since 2005 when she started working for the Inter Tribal Council of Arizona (ITCA), Inc. Since then, Cynthia has worked in various fields, including: solid waste, recycling, emergency response and preparedness, water quality, climate change, and more. She has worked with a number of Tribes since leaving ITCA in 2008, including the Salt River Pima Maricopa Indian Community, Lone Pine Paiute Shoshone Reservation and a number of Pomo Indian Tribes in Northern California. Throughout the past 11-12 years, Cynthia has worked to build Tribal environmental capacity and seeks to ensure that the communities she works with and for, maintain a balance between environmental protection and public health and safety. She enjoys establishing partnerships with neighboring Tribes, Pueblos, Federal and State agencies and currently holds the Tribal Government seat on the New Mexico Recycling and Illegal Dumping Alliance. Cynthia was also just selected to participate on the National Tribal Waste and Response Steering Committee, which is a two year term and is set to begin in November 2016. She is a graduate of Arizona State University, where she obtained her BS in American Indian Studies. Since graduating from college in 2003, Cynthia has vowed to always work with and for Tribal Governments/Organizations in the area of environmental protection.

**Nelson, Mark. P.G.** Mark Nelson is an Environmental Engineer with over 25 years of Tribal and municipal water and wastewater planning and management experience. He has led 15 EPA sponsored water supply and wastewater management



workshops for Tribes and small communities across the country, and has worked with EPA and other federal agencies to streamline the funding of infrastructure projects for Tribes. At the local level he has mapped source water protection areas to protect drinking water supplies and planned for and permitted wastewater treatment facilities to protect ponds and coastal waters.

**Nichols, William (Nick).** Mr. Nichols has been with EPA Oil Program and Office of Emergency Management since 1996. He is the OEM Tribal and Environmental Justice Coordinator working closely with OSWER and external organization to ensure that OEM fulfills its responsibilities in Indian Country.

**Norton, Ken.** Mr. Norton, an enrolled member of the Hoopa Valley Tribe, is Director at Hoopa Valley Tribal Environmental Protection Agency. Ken has expertise in water quality and development of water quality standards, having worked in environmental protection since 1980. Over 37 years, Ken has worked as a fishery technician, fishery biologist, water quality coordinator and director at Hoopa Valley Environmental Department. His educational degree is a Bachelors of Science in Fishery Management. As a fisheries expert, Ken understands the water quality needs of healthy salmon and other river life, and is experienced in watershed restoration. As TEPA Director, Ken oversees an array of Tribal water programs and other tribal environmental programs (Superfund, brownfields, air, pesticides, lead poisoning prevention, and solid waste). Between 2004 and 2009, Ken had the honor to serve as Vice-Chair of the National Tribal Operations Committee and lead spoke person for Tribes on national Tribal/EPA water issues. Currently, Ken serves as the chair of the National Tribal Water Council and advocates for the health and sustainability of clean and safe water for Indian communities, Alaska Native Tribes and Alaska Native Villages.

**Oosahwe, Quannee.** Quannee Oosahwe is the Training and Certification Coordinator for the Tribal Water Department at the Inter Tribal Council of Arizona, Inc. (ITCA). She has been with the department for over three years. Quannee received her undergraduate degree in Anthropology from Arizona State University, and is an enrolled member of the United Keetoowah Band of Cherokee Indians.

**Parker, John T.** John T. Parker Born in Kansas City, Missouri October 10, 1974, he joined the U.S. Navy on July 25, 1995. After completing Recruit training at Great lakes, he reported to the Defense Photography "A" school in Pensacola, Florida. His first duty station was the USS Blue Ridge in Yokosuka, Japan where he spent four years working as the

ships primary aerial photographer as well as the photographer for the Commander of the 7th Fleet. He then received orders to Fleet Combat Camera Group Pacific (FCCGP) where he spent five years primarily deployed as a combat photographer with various Special Forces units he did four deployments to Iraq and various other places in throughout the world. He then reported to Naval Support Activity Naples where he served six months as the base Public Affairs Officer (PAO) and six months as the editor of the base newspaper. John was quickly hired for the Deputy Public Relations position with the Naval Facilities and Engineering Command (NAVFAC) Southeast at Naval Air Station Jacksonville, Florida. Here he worked as the deputy PAO as well as a videographer and commands photographer. After a short time John received the Social Media Producer and lead Photojournalist job for the Environmental Protection Agency's region 7 headquarters in Lenexa, Kansas.

**Perlman, Gary.** Captain Gary Perlman is an Environmental Health Officer with the U.S. Public Health Service currently working at ATSDR in Boston. Gary has been working in environmental health for 20 years. He provided environmental health support during the mustard agent incident in New Bedford, MA, and to residents of LA during the public health response shortly after Hurricane Katrina made landfall, focusing on the Murphy oil spill. He also has provided environmental health support on several occasions for large toxic fires or explosions. He provided the same support to the Group of 8 Summit in GA, the Democratic and Republican National Conventions, and several other National Special Security Events. He is currently working with the Penobscot Indian Nation to assess contaminant levels in food items in their traditional diet. He has assisted with developing several public health software tools to help first responders and other personnel assess chemical contamination throughout the United States, Canada, France, and Romania. Gary shared these software tools with Tribal attendees at the National Tribal Science Council, and the Yukon River Inter-Tribal Watershed. He incorporated some of their suggestions to enhance the tools.

**Perry, Annie.** Annie Perry is an attorney for the Port Gamble S'Klallam Tribe in Kingston, Washington. As a tribal attorney, her primary work is to research, write, update, and modify the tribe's law and order code to match the tribe's current legal system..

**Pomes, Michael L.** Michael L. Pomes works as a Physical Scientist in the Enforcement, Inspection, and Compliance Section of the Chemical and Oil Release Prevention Branch of the Air and Waste Management Division of EPA Region 7 in





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Lenexa, Kan. Before coming to EPA in September of 2010, he supervised the Preventative UST Unit of the Storage Tank Section at the Kansas Department of Health and Environment for 10 years that ran the permitting program for USTs and ASTs in Kansas. Michael received a Ph.D. in Geology from the University of Kansas, a M.S. degree in Geology from Fort Hays State University, Hays, Kan., and a B.S. degree in Geological Sciences from the University of Wisconsin-Milwaukee. He is a Kansas-Licensed Geologist, a NACE-Certified Cathodic Protection Technician, and a Cathodic Protection Tester certified by the Steel Tank Institute.

**Purpora, Stephen.** Mr. Stephen Purpora began his field experience in 1972 and has worked extensively in all areas of underground storage tank, line, and leak detector testing as well as vapor recovery and cathodic protection inspections. His experience includes over 25 years of field testing and consulting for the petroleum testing industry. Mr. Purpora currently travels extensively throughout the United States and internationally, training and certifying test technicians and regulatory personnel on the fundamental and practical applications of testing underground storage tanks, product piping, leak detectors and vapor recovery systems. Mr. Purpora serves on and provides technical advice for the Petroleum Equipment Institute's (PEI) committees on Recommended Practices on Installation and Testing of Stage I and Stage II Vapor Recovery and Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities. In addition he has served as a consultant for the EPA for the upcoming rule changes. He is President of Protanic, Inc. and Purpora Engineering, Inc. and resides in Grafton, Wisconsin.

**Raskell, Sandra. P.E.** Ms. Raskell is the project engineer for the Coeur d'Alene Tribe Fisheries and Lake Management Departments. Since joining the Tribe in 2009, Sandra became the Tribe's project manager for the St. Maries Creosote Site in St. Maries, ID. As a licensed professional engineer her other job duties include surveying, engineer designs, construction oversight and performance, conducts monthly Trail of the Coeur d'Alene inspections, works with EPA and other agencies in the Silver Valley Superfund clean-up, assists in education and outreach activities, participates in SEEP (Stormwater Erosion and Education Program), and performs other duties as needed. Prior to 2009, Sandra spent 10 years working as an engineer for Washington State Department of Transportation, City of Spokane Valley, a private engineering firm, and Idaho Transportation Department. Sandra is glad to be in the environmental engineering field again at the Tribe. Sandra graduated with a B.S. in Civil Engineering (Bio-Resources) from Montana State University. Sandra lives in Spokane Valley with her husband, 7

children and 2 grandchildren.

**Renteria, George.** George Renteria is a Management and Program Analyst with the Emergency Services Sector-Specific Agency (ES SSA) within the U.S. Department of Homeland Security (DHS) Office of Infrastructure Protection. He has a well-rounded background in critical infrastructure protection and is a certified Project Manager. His experience includes support and development of DHS critical infrastructure protection policies and programs, incident response and recovery plans, and emergency management operations. Mr. Renteria is a retired U.S. Navy Lieutenant Commander, where he served as a Special Operations Officer and Master Explosive Ordnance Disposal Technician. He and his wife currently live in Virginia with their three children.

**Reyher, Jennifer.** Ms. Reyher is a project development coordinator for the Muscogee (Creek) Nation. She works collaboratively with multiple stakeholders within the Tribal Nation to identify needs and solutions to support these needs. Mrs. Reyher actively coordinates with federal and state agencies to support tribal goals and objectives including EPA, HUD, ODEQ, and IHS.

**Richardson, Matthew.** Mr. Richardson is charged with providing guidance and coordinating within EPA and with other federal agencies to meet the federal government's commitment to increase access to safe waste water sanitation services for tribes and Alaskan native villages. He previously assisted with the implementation of EPA's Watersense program that promotes water efficiency by enhancing the market for water-efficient products. He was part of a team that significantly increased the number of local water utility partners and conducted extensive outreach that increased Watersense product market share. Mr. Richardson has firsthand knowledge of challenges faced by small, rural utility systems through his work experience as a Research Assistant for the Environmental Finance Center where he developed recommendations and tools for state and federal water infrastructure funding decision makers to maximize public investments. He holds Bachelor of Science in Environmental Chemistry from Saint Michael's College in Colchester, VT, a Professional Certificate in Environmental Compliance Auditing and Remediation Technologies from the University of California at Berkeley, and Master of Science in Environmental Engineering and Policy from the University of North Carolina in Chapel Hill School of Public Health.

**Roose, Rebecca.** Ms. Roose is the Senior Advisor for the Tribal Capacity Development Team in the American Indian Environmental Office (AIEO) at US EPA Headquarters. Her work includes administering the Indian Environmental General





Assistance Program (GAP). Prior to joining AIEO in 2017, Rebecca worked on Clean Water Act and Safe Drinking Water Act program development and implementation in EPA's Office of Enforcement and Compliance Assurance and the Office of Water. Before starting her EPA career in 2006, Rebecca was Staff Attorney and Program Director for Public Employees for Environmental Responsibility in Washington, D.C. Rebecca earned her law degree from the University of New Mexico and her bachelor's degree in Geography from Valparaiso University in Northwest Indiana.

**Roy, Rob.** Mr. Roy is the Environmental Director for the La Jolla Band of Luiseno Indians and has been employed by the Tribe for over 15 years. He is responsible for the Environmental Protection Office which employs a staff of seven people working on clean water, air quality, solid waste, wastewater, natural resources, and other critical environmental and human health issues. His education is in GIS and he previously worked for the City of San Diego Environmental Services Department. Rob received the EPA Environmental Achievement Award in 2008 for his work with solid waste management including recycling, reducing illegal dumping, hazardous and electronic waste recycling, tire cleanup, and disaster recovery. Rob works hard to foster collaboration between groups to achieve common goals and increase the scope and impact of projects. He is a member of the TWRAP steering committee, an RTOC rep and RTOC Solid Waste Workgroup lead, and team co-lead on the Interagency ITF Solid Waste Workgroup. Rob has a passion for the natural world and goes travelling, hiking and backpacking whenever he can.

**Ruge, Zoe.** Zoe is an ORISE research participant with the U.S. EPA Standards and Health Protection Division in the Office of Science and Technology, Office of Water. She is the tribal coordinator for the Office of Science and Technology, working on TAS for water quality standards (WQS) issues and the federal baseline WQS for reservation waters effort.

**Sabatino, Leonard.** Leonard Sabatino is originally from Philadelphia, Pennsylvania and received a bachelor's of science degree in the field of geo-environmental studies in 2001. In 2002, Mr. Sabatino received certification in permaculture design from La'akea farms on the Big Island of Hawaii. From 2003 through 2011, Mr. Sabatino worked at the Los Alamos National Laboratory in the fields of geology, environmental science, hazardous waste management, and geomorphology. Since June of 2012, Mr. Sabatino has been working for ENIPC on the UST Compliance Assistance Program for 21 NM pueblos and tribes for more than 45 UST facilities. Mr. Sabatino currently holds a certification with the Steel Tank Institute for UST Cathodic

Protection Testing.

**Saulters, Oral.** Oral Saulters, PhD Candidate, Tribal Environmental Policy & Decision Making, Site assessment and remediation, environmental policy and decision making models.

**Scheer, Lydia.** Lydia Scheer has worked with ITEP since July 1998, when she started out as a student assistant while completing her BA in Anthropology at NAU. She joined ITEP's regular staff in 1999 and is currently a Program Manager, responsible for coordinating the National Tribal Forum on Air Quality and supporting tribes with the National Environmental Information Exchange Network (NEIEN) effort, as well as being involved in collaborative planning efforts for various ITEP projects. In 2015, Lydia was awarded the Cal Seciwa Award for Outstanding Staff, presented by NAU's Commission on Native Americans.

**Shirley, Michaela Paulette.** Michaela (Diné), MCRP, is Water Edge clan, born for Bitter Water clan, her maternal grandpa is Salt clan, and her paternal grandpa is Coyote Pass clan.

**Sigmon, Mickey.** Mickey Sigmon joined the Sac and Fox Nation environmental department as the Water Quality Coordinator in January of 2016 and hit the ground running with the CWA 106 program. Mickey graduated from MWSU in 2013 with two Bachelor's degrees, one in biology with a botany emphasis and the other in wildlife conservation and management. Mrs. Sigmon worked for Diocese of Kansas City-St Joseph as the executive assistant for many years and decided to go to college pursuing a career in wildlife conservation after she became an empty nester. Mickey's caring personality and her compassion for the environment is an excellent foundation for all the work ahead of her.

**Simmons, Joshua.** Joshua Simmons, a consultant and attorney, founded Prosper Sustainably in May 2014 to assist tribal communities in the development and implementation of lasting solutions to meet environmental and sustainability needs. Through Prosper Sustainably, Josh has assisted and/or trained hundreds of tribes across the nation with preparing EPA-Tribal Environmental Plans (ETEPs), grant writing, solar and energy project planning, drafting Tribal Environmental Codes, preparing Integrated Waste Management Plans, climate change planning, strategic planning and management, and more. Prior to starting Prosper, Josh served as Environmental Director for the Santa Ynez Band of Chumash Indians. Under Josh's oversight from 2007 to 2014 the Santa Ynez Chumash Environmental Office (SYCEO) grew from 1 to 15+ employees, 2 to 20+ programs, and \$100,000 to \$1,000,000 in annual revenue. During that time, the Santa Ynez Chumash also became a nation-



# Speaker Bios

wide leader in sustainability and environmental stewardship.

**Smart, Allison.** Allison Smart is the Environmental Coordinator for the Little River Band of Ottawa Indians. She began working full-time for the Little River Band of Ottawa Indians in 2012 as an Aquatic/Fisheries Biologist and moved into the Environmental Coordinator position in 2015. Her experience includes working with wild rice, fisheries, GIS and on various USEPA funded programs including CWA 106, CWA 319, PPGs and IGAP. Allison is a member of the Sault Ste Marie Tribe of Chippewa Indians. She has a Bachelor's Degree in Biology and Anthropology from Albion College; Albion, MI and a Master's Degree in Conservation Biology from Central Michigan University.

**Snowden, Kami.** Ms. Snowden, Executive Director of the Tribal Solid Waste Advisory Network (TSWAN) has over 25 years of experience working in the environmental field, the last 17+ years directly for the TSWAN organization. Her experience includes technical aspects with operating and managing waste systems, providing education and outreach, developing programs and special projects, and grants management. Prior to working for the TSWAN organization Ms. Snowden was the director of the solid waste department in a rural county of Washington State overseeing environmental programs, landfill operations, and the construction and operation of transfer stations. During her current tenure with TSWAN, Ms. Snowden has developed many programs specific to tribes on a national basis serving on numerous federal tribal environmental committees, and her tenure also includes aiding tribe with the construction of a Tribal Integrated Waste Management Plan Template (and ancillary documents such as worker safety & health); unprecedented education and certification in Methamphetamine (and other clandestine) Lab recognition for tribal workers; Strategic Plans for Environmental Sustainability for Tribes (template); Various training venues for tribal environmental workers, et.al.

**Snyder, Jessica.** Ms. Snyder started as the Tribal Program Coordinator for EPA's Office of Land and Emergency Management in September 2015. In this role, she manages OLEM's Tribal Program, specifically, providing guidance and assistance on tribal related topics to the OLEM Assistance Administrator and senior management team. She ensures that OLEM implements EPA's Tribal Consultation Policy consistently, as well as serves as a liaison to EPA programs and federal agencies on cross-agency topics. Jessica also manages the tribal support grant with the Institute for Tribal Environmental Professionals. This grant administers the Tribal Waste and Response Assistance Program and the TLEF. Jessica started in the federal workforce in 2006; focusing primary on budget, priority setting

and planning within EPA. Prior to working at EPA, Jessica interned at EPA's Region 2 Environmental Finance Center at Syracuse University, while obtaining her Master's Degree in Public Administration from the Maxwell School at Syracuse University. She holds a Bachelor of Arts Degree in Sociology and Political Science from Villanova University. Jessica has 2 children, ages 5 and 3, and is happily married to a high school math teacher.

**Stevens, Rebecca.** Rebecca is the Program Manager for the Tribe's Lake Mgt. Department-Hazardous Waste Management Program. She also serves the role as the Restoration Coordinator with the Restoration Partnership. Rebecca has been working on water quality related issues for over 15 years and in 2009, she was co-author of the Coeur d'Alene Lake Management. Rebecca represents the Tribe in the Bunker Hill Mining and Metallurgical Superfund Site remedial work as well as the Natural Resources Damage Assessment case. She enjoys snowboarding, kayaking, frisbee golf, and spending time with her friends, family, and blue heeler. Rebecca is very honored to work for the Coeur d'Alene Tribe and is proud to be a part of restoring natural resources in the Coeur d'Alene Basin.

**Temte, James.** James is a member of the Northern Cheyenne Tribe and grew up in the Rocky Mountains living in Wyoming and Colorado. James joined the National Tribal Water Center in 2014 and now serves as the Director of the NTWC. James received his undergraduate degree in molecular biology and a minor in chemistry from Fort Lewis College and Masters of Science at the University of Alaska Anchorage in Applied Environmental Science and Technology. He served as the Director of the Alaska Tribal Conference on Environmental Management, the Vice Chair of the National Tribal Air Association and on the Board of Directors of the Climate Registry. He has a passion for public art, tribal sovereignty, self-determination, protecting the environment, and human health. James' interest in water and sanitation work focuses on human health, including affordable access to adequate and sustainable water and sanitation services. He loves to work with communities on multi-disciplinary teams to incorporate innovative health education techniques to inspire positive actions.

**Terry, Steve.** Steve graduated with a Bachelor of Science Degree from Texas A&M University in 1974. He worked as a Research Biologist for the University of Florida's School of Forest Resources & Conservation for 11 years, doing research studies and assisting in publishing the results with 30 papers and presentations to his credit. He received a Master of Science Degree from the University of Florida in 1985. He was the Land Resources Manager for the Miccosukee Tribe of Indians of Florida for over 25 years, where he administered the



Real Estate Services Department and oversaw EPA and other grants. USET acquired his services in 2011 as a Senior Project Coordinator in the Office of Environmental Resource Management, working on different projects. Steve has over 32 years of working with Tribes and Federal and State Agencies. He has been involved with Tribal water issues since he first started working in Indian Country. He was instrumental in the USET Certification Program receiving EPA approval to offer Drinking Water Operator Certifications to Tribes, making USET one of two Tribal organizations that are so authorized. He was the technical advisor to the National Tribal Water Council 2012 – 2016. He has received numerous awards and attended many conferences and training sessions. The major awards he has received includes the Michal A. Frost Award from the National Tribal Environmental Council for environmental leadership, the National Partnership for Reinventing Government from Vice-President Al Gore for the Peer Review Team, and Honors from Harvard University's Honoring Contributions in the Governance of American Indian Natives for the Miccosukee Section 404 Permitting Program.

**Thompson, Scott.** Mr. Thompson is the Executive Director of the Oklahoma Department of Environmental Quality. Thompson served as DEQ's Land Protection Division Director since 2000 where he was responsible for the management of multiple permitting and enforcement programs, environmental investigation, cleanup, and engineering design projects. He has also served as an environmental programs manager responsible for managing the agency's Superfund Program. He has more than 23 years of experience managing state environmental programs. Thompson is a 1984 graduate of Central State University with a degree in biology, and also has a master's degree in environmental science from the University of Oklahoma.

**Turner, LaDonna.** LaDonna is a Site Assessment Manager and the Superfund Tribal Coordinator for EPA in Region 6. She worked in the RCRA Enforcement Program for 5 years and then moved on to the Superfund Division where she has been for the past 25 years. As the Region 6 Superfund Tribal Coordinator she has assisted and supported her Tribal partners for more than 20 years. LaDonna has been involved in regional/national Tribal workgroups and activities. She has been involved in the legacy uranium issues within New Mexico since 2008 and its impacts on Tribal lands. LaDonna has a Bachelor of Arts and Science from Dallas Baptist University.

**Underwood, Georgia.** Georgia King Underwood is the Penobscot Indian Nation Tribal Response Coordinator. Ms. Underwood is responsible for managing the Tribes 128 (a) Tribal Response and 104 (k) Community Wide Assessment Grants. She has also partnered with other non-tribal Brownfields

grantees to bring a team approach to accomplish tribal goals of protecting the waters of the Penobscot River.

**Walker, Althea.** Althea Walker (Nez Perce, Hopi, and Gila River) is the Environmental Education & Outreach Specialist for the Gila River Indian Community Department of Environmental Quality. Althea is the lead for climate change adaptation planning in the Gila River Indian Community.

**Wright, Felicia.** Felicia Wright is the Deputy Office Director (and current Acting Director since Jan 2017) of EPA's American Indian Environmental Office, in the Office of International and Tribal Affairs, where she is responsible for working with tribal governments and EPA programs and Regions to ensure protection of human health and the environment in Indian country. As acting Director, Ms. Wright is responsible for managing EPA's largest tribal grant program, the Indian General Assistance Program (GAP), to support tribes building capacity to administer environmental programs, and ensuring EPA implementation of federal environmental laws consistent with the federal trust responsibility, the government-to-government relationship, and EPA's 1984 Indian Policy. Prior to this position, Felicia worked in EPA's Office of Water for six years, where she served as senior advisor to the Assistant Administrator and Deputy Assistant Administrator on tribal policy and program implementation. She also served as the Tribal Program Manager for EPA's Office of Land and Emergency Management, supporting senior management for six different programs under the Resource Conservation and Recovery Act, emergency response, and Superfund statutes. She has an MS in Environmental Science and Engineering from Virginia Polytechnic and State University, and a BS in Geology from Kansas University.

**Zender, Lynn.** Dr. Lynn Zender received her Ph.D. in Civil and Environmental Engineering and completed a Masters in Environmental Systems Engineering and Modeling. She has worked on waste and broader environmental management issues in rural and tribal communities since 1994, with the first Alaska case studies in 1995. She has designed and directed numerous statewide and national projects related to environmental health risks, and is a trained Tribal Lifeline Risk Assessor. Dr. Zender is the Executive Director of Zender Environmental Health and Research Group in Anchorage, Alaska.

**Zhen, Davis.** Davis Zhen is the Site Cleanup Manager for the unit that currently oversees the Portland Harbor Cleanup. Prior to joining the Superfund program, he was the Regional Radiation and Indoor Air Program Manager overseeing radioactive air emissions from Department of Energy's and other radioactive incidents such as the Fukushima Nuclear Incident.

## **Online Training for Tribal Environmental Professionals**

Since 1992 ITEP has been assisting tribes develop their own capacity in effectively and efficiently managing their environmental programs through a variety of training courses, technical assistance, and national conferences, such as the Tribal Lands and Environment Forum.

We are very pleased to offer a new opportunity for tribal professionals to learn new skills and advance their knowledge through a series of self-paced online trainings. These online courses cover a variety of environmental media and allow you to pursue continuing education units (CEUs).

Some of the benefits of these online courses include: returning to work on current courses where you left off, connecting with other environmental tribal professionals through discussion forums, and accessing resources, videos, and certificates from previously completed courses. These online courses contain assignments, activities, quizzes, videos, tribal examples, discussion forms, and additional resources. While they are self-paced, each course provides the opportunity for individual interaction with subject matter experts.

To access current courses you can set up a free account by visiting [itep.scholarlms.com/courses/login/index.php](http://itep.scholarlms.com/courses/login/index.php). You can also visit the main page at [itep.scholarlms.com/catalog/](http://itep.scholarlms.com/catalog/) to view our current course offerings.

For more information, contact Jennifer Williams at [jennifer.williams@nau.edu](mailto:jennifer.williams@nau.edu).

## **Onsite Mentoring Opportunities for Tribal Solid Waste Professionals**

While in-person and online trainings can be invaluable in helping you develop new skills and learn new techniques, sometimes what you need is to just spend some time with a colleague, one-on-one, and focus on your specific challenges.

As part of ITEP's Tribal Solid Waste Education and Assistance Program (TSWEAP), we have been pairing tribal solid waste professionals with experts who have faced, and overcome, challenges in waste management and diversion. Often these mentor matches can be conducted through phone calls or emails, but sometimes it is more helpful to actually visit a mentoring tribe, or have an expert come visit your tribal facilities—allowing both participants to learn from one another and problem solve together. Tribal solid waste professionals can apply to ITEP and request one of these onsite mentoring opportunities. If the application is accepted, ITEP staff will find a mentor for you, conduct a conference call where you can meet the mentor and discuss your challenges in more detail, and then arrange to visit them, or have them come to your community. Under this project, ITEP will reimburse all the travel expenses for the individual traveling as part of the mentoring project.

To learn more about this project, please visit our website at: [nau.edu/itep/main/Waste/waste\\_mentors](http://nau.edu/itep/main/Waste/waste_mentors). You can also contact either Todd Barnell ([todd.barnell@nau.edu](mailto:todd.barnell@nau.edu)) or Julie Jurkowski ([julie.jurkowski@nau.edu](mailto:julie.jurkowski@nau.edu)) to obtain an application or learn more about the program.

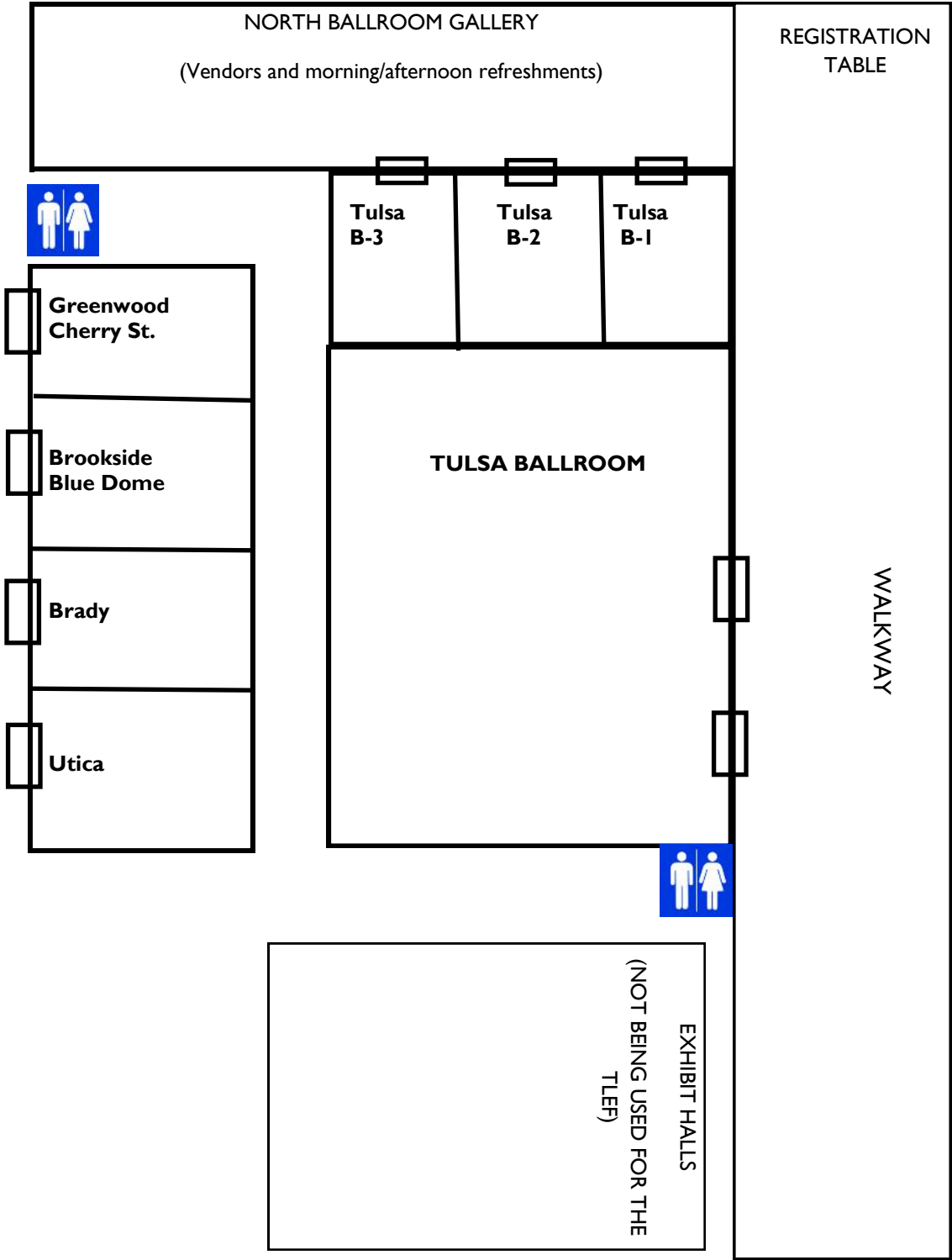




# Facility Map



3rd Street



7th Street

To the DoubleTree Hotel Skybridge

## Special Thanks...

ITEP would like to extend a special thanks to the National Tribal Waste and Response Assistance Program Steering Committee who helped plan, orchestrate and otherwise make this TLEF a success! Thanks also goes out to the Oklahoma Tribes for their wonderful assistance! and hospitality!



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