



INTER TRIBAL COUNCIL of ARIZONA, INC.

Tribal Water Systems Program
2214 North Central Avenue, Suite 100
Phoenix, AZ 85004

- MEMBER TRIBES**
- AK-CHIN INDIAN COMMUNITY
 - COCOPAH TRIBE
 - COLORADO RIVER INDIAN TRIBES
 - FORT McDOWELL YAVAPAI NATION
 - FORT MOJAVE TRIBE
 - GILA RIVER INDIAN COMMUNITY
 - HAVASUPAI TRIBE
 - HOPI TRIBE
 - HUALAPAI TRIBE
 - KAIBAB-PAIUTE TRIBE
 - PASCUA YAQUI TRIBE
 - QUECHAN TRIBE
 - SALT RIVER PIMA-MARICOPA INDIAN COMMUNITY
 - SAN CARLOS APACHE TRIBE
 - TOHONO O'ODHAM NATION
 - TONTO APACHE TRIBE
 - WHITE MOUNTAIN APACHE TRIBE
 - YAVAPAI APACHE NATION
 - YAVAPAI PRESCOTT INDIAN TRIBE



Tribal Water Systems

PIPELINE

The newsletter of Inter Tribal Council of Arizona Inc. Tribal Water Systems Program

SEASONS GREETINGS!

Almost time to get out the 2004. calendars. Can you believe it? It's been another great year of learning and sharing for Tribal Water Systems. We have much to be grateful for, including some new faces on staff and a growing network of students, colleagues, and friends.

If you are reading this, you play a vital role in your tribal community. Water systems may not be glamorous, but we know how hard you work and how important your job is for keeping the community healthy. So – thanks! – and keep up the good work.

Don't forget that this is YOUR newsletter. If you have a story or picture to share with other tribal water operators, please call or write to us.

From all of us at Tribal Water Systems – enjoy the holiday season, and we'll look forward to seeing you in 2004!

S.W.A.P.!

Source Water Assessment and Protection

The Inter Tribal Council of Arizona, Inc. (ITCA) Tribal Water Systems Program and the Groundwater Foundation coordinated a Source Water Assessment and Protection (SWAP) Workshop. It was a one-day workshop held on Thursday, November 20, 2003 in Phoenix, Arizona. All Tribal Leaders, Environmental managers, Utility managers, Water and Wastewater operators and other interested Tribal community members were invited to participate.

Source water assessments are a valuable tool for building awareness regarding community drinking water. A source water assessment is a study and report that provides basic information about water, which is to be provided as drinking water. The purpose of the workshop was to explain the source water

assessment process and how it can be useful in developing and implementing protection activities on the local level.

Participants were given the opportunity to create protection strategies within group activities and examined ways of implementing them into practice. A video, Protecting Drinking Water On Tribal Lands, was presented and discussed. The video explained the importance of developing a source water assessment program for tribal lands. It profiled three tribes that have created a source water assessment and are currently using it.

For more information on the source water assessment and protection workshop, contact Deborah Patton, Water Quality Administrator for ITCA at (602) 307-1548.

Tribal Concerns Perchlorate Contamination Conference

The Torrez Martinez Desert Cahuilla Indian Tribe and the EPA, Region IX, conducted a two-day conference for tribes on September 9-10, 2003, at the Blue Water Casino in Parker, Arizona. The purpose of the conference was to provide tribes with information regarding perchlorate contamination in the Colorado River, California, and Arizona drinking water.

Raymond Torres, Torres Martinez tribal chairman; Col. Dan Rogers, Department of Defense; Kevin Mayer, U.S EPA; and a host of other tribal and environmental agency representatives spoke about issues relating to water and pollution at the conference. A main concern for tribes and government agencies is the extent of perchlorate contamination and related human health and ecological

effects. The conference also provided an opportunity for networking and discussion among representatives from Region IX organizations that can offer services to area tribes.

The conference and conferences like it are valuable for sharing critical health and human services information between tribal nations and government agencies. This conference provided a basis for the development of future conferences involving active tribal participation.

For more information about the Tribal Concerns Perchlorate Contamination Conference, contact Deborah Patton, Water Quality Administrator for ITCA at (602) 307-1548.



Tribal participants spoke out about concerns regarding perchlorate contamination in drinking water.



Your Tribal Water Systems staff sends warm holiday wishes!
Left to right: Jay, Henry, Deborah, Bruce, Novik

CONTACT ITCA

Inter Tribal Council of Arizona, Inc.
2214 North Central Ave., Suite 100
Phoenix, AZ 85004
Phone: 602.258.4822
Fax: 602.258.4825
Office Hours: 7AM - 6PM

Where Are the New Drinking Water Regulations?

Chemical Contaminant Regulations	Proposed	Final	Compliance
Suspension of Unreg. Cont. Mon. (systems < 10,000)		1/8/99	3/99
Revision of Unreg. Cont. Mon. (CWs + NTNCWs > 10,000 and a sample of CWs + NTNCWs < 10,000)	4/30/99	9/99	1/01
Amendment to 1999 UCMR List	5/15/00 9/13/00 amends.	1/01	1/11/01
Radon (CWs on groundwater only)	11/99	2004?	?
Lead and Copper Revisions		1/12/00	4/11/00
Radionuclides (uranium + radium + gross alpha + beta & photon emitters) (CWs + by state option NTNCWs)	proposed 7/18/91 NODA 4/21/00	12/7/00	12/07/03
Arsenic (MCL applies to CWs + NTNCWs) (and compl. determs. for orgs. + inorgs.)	6/22/00 rounding clarification 12/23/02	1/22/01 rounding clarification 3/25/03	7/1/02 (CCRs) 1/23/04 (compl. determs.) 1/23/06 (MCL)
Reporting Regulations	Proposed	Final	Compliance
Public Notification	5/13/99	5/4/00 5/6/02 (others)	10/31/00 (DI)
Consumer Confidence Reports	2/13/98	8/19/98	10/19/99
Microbiological Contaminant Regulations	Proposed	Final	Compliance
Interim Enhanced SWTR (IESWTR) micro/crypto control SW + GWUDI systems serving population > 10,000	7/94 7/13/00 (minor mod)	12/98 1/16/01 (minor mod)	12/01 1/1/02
Stage 1 Disinfectants/DBP (D/DBP) control SW (C + NTNC + some TNC) systems serving pop. > 10,000 SW (C+ NTNC + some TNC) systems serving pop. < 10,000 & all GW 7/94	7/94 7/13/00 (minor mod.)	12/98 1/16/01 (minor mod.)	1/1/02 1/1/04
Filter Backwash Recycling SW systems that recycle	4/10/00	6/8/01	12/8/03
Long Term 1 Enhanced SWTR (LT1ESWTR) SW + GWUDI systems serving population < 10,000	4/10/00	1/14/02	3/15/02
Stage 2 Disinfectants/DBP (CWs & NTNCWs adding disinfectants)	8/18/2003	2005?	2008?
Long Term 2 Enhanced SWTR (LT2ESWTR) (all systems on SW and GWUDI)	8/11/03	2005?	?
Ground Water (all systems on GW)	5/10/00	2004	?

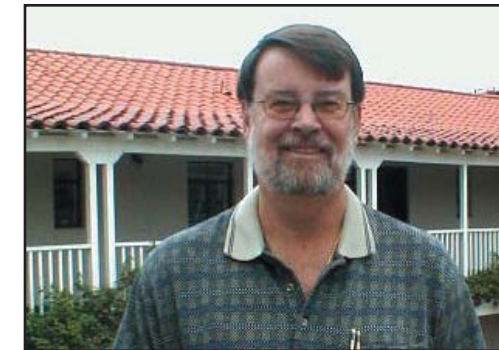
Who's in the Pipeline?

We are pleased to welcome Bruce Lindhorst to the Tribal Water Systems team as an Environmental Specialist.

Bruce began his water career as an Utilitiesman in the U.S. Navy (Seabees). After serving his country he then furthered his education at Texas State Technical Institute, Waco, Texas obtaining a Bachelor of Technology in Water and Wastewater. While working he then attended night school to obtain a Bachelor of Arts in Business Administration. He has worked for various firms that manufactured water and wastewater equipment (aerators, bar screens, clarifiers, comminutors, filters, flocculators, package plants, pumps and softeners).

Bruce's work experience includes writing equipment specifications, developing bids, estimating project costs and working with contractors to properly install equipment. He also has sales/marketing/training experience working with engineers, contractors, government

agencies, distributors and end users. He has traveled to all 50 states and many overseas locations.



Bruce Lindhorst, New ITCA Environmental Specialist

Bruce's goal is to become a major asset to the ITCA, Tribal Water System team and transfer his Water and Wastewater knowledge to the Tribal Utility Members.

Contact:

E-mail: bruce.lindhorst@itcaonline.com
Phone: (602) 307-1541

Henry Valenzuela is a recent addition to ITCA and will be filling in the position of Environmental Specialist with TWS. Henry is originally from Phoenix, AZ but has spent the last few years in New Mexico where he has recently graduated from New Mexico State University with a Bachelors of Science in Mechanical Engineering.

Before ITCA, Henry worked as a research assistant designing test modules



New Environmental Specialist Henry Valenzuela

for bridges. He was responsible for the design and development of a monitoring system that would analyze natural frequencies of a structure while in normal working conditions. Once the frequencies were established they were placed into a computer rendered model. From the information generated Henry was required to determine the points of failure and life expectancy of the structure, all within the constraints of the system.

While working with ITCA, Henry plans to become an integral part of the training team. Through ITCA he will have access to a wide variety of resources and information that will assist tribal operators in their day-to-day operations. He looks forward to working with all of you.

Contact:

E-mail: henry.valenzuela@itcaonline.com
Phone: (602) 307-1545

Course Highlights

Wastewater Treatment Level Two

With a full course of participants, the Wastewater Treatment Level Two Training in September was a great success. Everyone spent numerous hours in instruction on process control of lagoons and aerobic and anaerobic treatment systems. Additional topics included start-up of new plants, daily operation, trouble-shooting, emergency procedures, and a general overview of the components of a typical wastewater treatment plant.

In addition, further review of laboratory and sampling, equipment maintenance, applied operator math and chemistry, management information systems, and safety from the level one certification.

This training, like other advanced courses, provided an extensive training manual and required study outside the classroom. The training concluded on September 5 with the national certification examination through the Association of Boards of Certification. The examination was a 100-question, multiple-choice exam covering the information provided in class, as well as additional information acquired from the hands-on experience each operator has received while on the job.

New courses coming next year...

- Pump and Motor Maintenance
- Water Security Vulnerability Assessment

Watch the **PIPELINE** for more information!