



Native American Water Association

“Sustainable Management of Rural and Small System and Wastewater MBR, SBR, Plants and Lagoon Systems”

This course is a must attend for Water and Wastewater Operators, Managers, Commissioners and Tribal Councils

Register today for this unique Water and Wastewater Systems training opportunity!

When? (Choose your training course site and date).

Venue? (TBA for each individual course).

Cost? (None)

Who should attend this course?

Water System Managers and Operators, Commissioners, Tribal Councils. Wastewater System Operators, Managers. Those who operate and maintain (SBR) and (MBR) plants. This unique training opportunity for wastewater professionals gathering together to share thoughts, information and knowledge. Operating advanced wastewater plants and systems.

What will this training opportunity include?

Water and Wastewater programs information, utility program operation and maintenance issues, utility management, collection systems, CWA compliance issues, systems security issues.

THE MANAGEMENT AREAS

Product Quality
Customer Satisfaction
Employee & Leadership Development
Operational Optimization
Financial Viability
Operational Resiliency
Infrastructure Stability
Water Resource Adequacy
Stakeholder Understanding & Support

2.0 (CEU's) estimated total will be awarded for the course.



Native American Water Association brings together:

This NAWA training course will bring together Water and *Wastewater System Operators and Managers of SBR and MBR plants and those* with the responsibility of providing safe sanitary facilities and environmental services in their communities. This program will assist you in developing a greater understanding of our roles and responsibilities as we protect public health in our communities.

Following locations: Which course would you be attending (*chose one*) and complete registration form and return it to us at: NAWA@msn.com or fax it to us (775) 782-1021. Or register online www.nawainc.org

February 19-22, 2019 – San Diego, California

March 12-15, 2019 – Sacramento, California

April 23-26, 2019 – Billings, Montana

May 21-24, 2019 – Omaha, Nebraska

June 18-21, 2019 – Rapid City, South Dakota

August 13-16, 2019 – Minneapolis, Minnesota

August 27-30, 2019 – Albuquerque, New Mexico

September 10-13, 2019 – Las Vegas, Nevada



Native American Water Association

“Sustainable Management of Rural and Small Systems Wastewater MBR - SBR Plants and Lagoon Systems”

Choose your site and date:

<input type="checkbox"/> February 19-22, 2019 - San Diego, CA <input type="checkbox"/> April 23-26, 2019 - Billings, MT <input type="checkbox"/> June 18-21, 2019 - Rapid City, SD <input type="checkbox"/> August 27-30, 2019 - Albuquerque, NM	<input type="checkbox"/> March 12-15, 2019 - Sacramento, CA <input type="checkbox"/> May 21-24, 2019 - Omaha, NE <input type="checkbox"/> August 13-16, 2019 - Minneapolis, MN <input type="checkbox"/> September 10-13, 2019 - Las Vegas, NV
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Print clearly or type

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE (Work) _____ (Fax) _____

EMPLOYER _____

EMAIL ADDRESS _____

ADDITIONAL ATTENDEES 1. _____

REQUESTING CEU's 2. _____

Yes ___ No ___ (Check one) 3. _____

*The registration form
can be faxed to the Native
American Water
Association to reserve
your spot.*

*For more information
you may contact us at*

*Tel: (775)782-6636
Fax: (775) 782-1021*

***** After your course
registration has been
received and confirmed
a course attendee(s)
confirmation will be sent
to the email address
you provide.**



Native American Water Association

Training Topics Agenda

Day 1 - Drinking Water

Multi System Drinking Water Workshop Agenda

8:00 a.m. - 4:00 p.m.

- Introductions and Workshops Objectives
- Overview of Key Management Areas
- Utility "Self-Assessment" Exercise
- Plenary Discussion – Self Assessments Results
- Table Exercise – Improving Outcomes
- Plenary Discussion – Practices, Tools, and Measures Results
- Plenary Discussion – Practices Results
- Feedback Session
- Adjourn

Instructor

Tom Crawford

Day 2 - Drinking Water

8:00 – 4:00

Team Exercise Drinking Water Workshop Agenda

8:00 a.m. - 4:00 p.m.

- Introductions and Team Objectives
- Overview of Key Management Areas
- Self-Assessment – Assessing our Utilities Performance
- Improving Outcomes
- Resources and Additional Improvement Ideas
- Action Plan

Tom Crawford

Day 3 - Wastewater Systems

8:00 – 4:00

Wastewater Systems Technical Assistance and Training

Wastewater Systems Agenda - (Day 3)

8:30 am – 4:00 pm

- Conventional Wastewater Systems Troubleshooting (Bring your Questions).
- Lagoon and Evaporation Pond Maintenance, Measuring Sludge Blankets
- Technical Inventories and Process Control recordkeeping requirements.
- Sequencing Batch Reactor (SBR) and Membrane Bioreactor (MBR)
- Wastewater plant recordkeeping.
- MBR and SBR Reactor Design and Operation.
- Questions and Answers (Discussion)

Instructor:

Mike Cherniak

Day 4 - Wastewater Systems

8:00 – 4:00

Wastewater Systems Agenda - (Day 4)

8:30 am – 4:00 pm

- Establishing Normal Operating Parameters
- Nitrification, Decanting
- Wastewater Treatment concerns (operational)
- Questions and Answers (Discussion)
- Wastewater Systems Troubleshooting.
- Biological Nitrification and De-nitrification.
- Wastewater plant recordkeeping requirements of the Clean Water Act.

Mike Cherniak