The popular ITCA General Module training course is designed for tribal personnel entering into the career path of water and wastewater system operations for the first time. The General Module provides a solid foundation of the principles of electricity, hydraulics, water and wastewater systems, basic math, and the Safe Drinking Water Act. ITCA Level 1 Water Distribution and wastewater treatment system operator training courses are designed with the expectation that students have already taken introductory training on the topics that are covered in the General Module.

The training has been expanded to additionally focus on water treatment and operation and distribution for small drinking water systems. According to the U.S. EPA National Tribal Drinking Water Operator Certification Program Guidelines, operators of less complex tribal drinking water systems serving 500 or less people may earn a single operator certification that satisfies both the Level 1 Water Treatment and Level 1 Water Distribution operator certification requirements. This joint certification is known as the Very Small Water System (VSWSS) Operator Certification. The General Module training course will help prepare water operators for the VSWSS operator certification exam.

The VSWSS operator certification exam will follow each course.

February 1-5, 2016, Gardnerville, Nevada (Hosted by: Washoe Utility Management Authority) – Instructor: Kim Yale, Yale Engineering

October 3-7, 2016, TBA, seeking host in U.S. EPA Region 5 – Instructor: Kim Yale, Yale Engineering

October 24-28, 2016, TBA, seeking host in U.S. EPA Region 7 – Instructor: Kim Yale, Yale Engineering

**Water Treatment Training and Certification Exam**

**Level 1:** This course covers Level 1 Water Treatment (WTT1) system operations. Course topics include reviewing water distribution, water treatment, influent and effluent samples, and the Safe Drinking Water Act. The WTT1 operator certification exam will follow each course.

April 5-9, 2016, Parker, Arizona (Hosted by: Big River Water Development, Colorado River Indian Tribes) – Instructor: Kim Yale, Yale Engineering

May 16-20, 2016, Sequim, Washington (Hosted by: Jamestown S’Klallam Tribe, Facilities Department) – Instructor: Mary Howell, Backflow Management Inc.

June 13-17, 2016, Fort Yates, North Dakota (Hosted by: Sitting Bull College) – Instructor: Mary Howell, Yale Engineering

June 20-24, 2016, Santa Ana Pueblo, New Mexico (Hosted by: Pueblo of Santa Ana, Utilities Department) – Instructor: Michael Alvarez, Alvixed Water Operations

**Level 2:** This course trains qualified Level 1 certified operators in Level 2 Water Treatment (WTT2) system operations. All course work is designed around the processes that will be required of a Level 2 drinking water treatment system operator. This course is intense and requires students to study outside of the classroom. The WTT2 operator certification exam will follow the course.

July 18-22, 2016, Phoenix, Arizona (Hosted by: City of Phoenix Water Services Department) – Instructor: Nicole Mangin, MEC TECH Services

**Wastewater Collection Training and Certification Exam**

**Level 1:** This course covers Level 1 Wastewater Collection (WWT1) system operations. Course topics include drinking water disinfection, hydraulics, pumps, water storage, fire hydrants, meters and valves, and the Safe Drinking Water Act. The WWT1 operator certification exam will follow each course.

March 9-11, 2016, Parker, Arizona (Hosted by: Big River Water Development, Colorado River Indian Tribes) – Instructor: Kim Yale, Yale Engineering

March 21-25, 2016, Canyonville, Oregon (Hosted by: Umpqua Indian Utility Cooperative) – Instructor: Mary Howell, Backflow Management Inc.

May 4-6, 2016, Bismarck, North Dakota (Hosted by: Barltett & West – North Dakota Office) – Instructor: Kim Yale, Yale Engineering

August 1-3, 2016, Pawhuska, Oklahoma (Hosted by: Osage Nation) – Instructor: Michael Alvarez, Alvixed Water Operations

**Level 2:** This course trains qualified operators in Level 2 Wastewater Collection (WWT2) system operations. All course work is designed around the processes that will be required of a Level 2 wastewater collection system operator. This course is intense and requires students to study outside of the classroom. WWT2 operator certification exam will follow the course.

August 15-19, 2016, Flagstaff, Arizona (Hosted at the Native American Cultural Center of Northern Arizona University) – Instructor: Nicole Mangin, MEC TECH Services

The Tribal Water Operator Summits, held in each of the U.S. EPA Regions 5 through 10, provide a forum for tribal water and wastewater personnel to learn, share ideas, and network with peers and professionals. Each summit will include a stand-alone Water Distribution Training and Certification Exam.

The Tribal Water Systems Program Advisory Committee Meeting:

- Instructor: Kim Yale, Yale Engineering

- Instructor: Mary Howell, Backflow Management Inc.

- Instructor: Nicole Mangin, MEC TECH Services

**Computer-Based Testing Periods**

Computer-Based Testing (CBT) periods provide a year-round opportunity for tribal water and wastewater personnel to achieve professional certification. Preparatory training is not included. Operator certification exams are available through CBT at 200 testing locations nationwide during the following timeframes.

<table>
<thead>
<tr>
<th>CBT Period #1</th>
<th>January 25, 2016, through March 31, 2016</th>
<th>CBT Period #2</th>
<th>April 1, 2016, through June 30, 2016</th>
<th>CBT Period #3</th>
<th>July 1, 2016, through September 9, 2016</th>
<th>CBT Period #4</th>
<th>November 1, 2016, through December 16, 2016</th>
</tr>
</thead>
</table>

**Tribal Water Operator Summits**

The Tribal Water Operator Summits, held in each of the U.S. EPA Regions 5 through 10, provide a forum for tribal water and wastewater personnel to attend short training seminars, to exchange ideas, to learn from their peers, and to contribute directly to the continuing development and planning of the ITCA Tribal Water Systems Program. Operators are encouraged to participate in the roundtable sharing and networking session. Each individual summit will include a stand-alone Paper-Based Testing (PBT) session. Preparatory training is not included.

**Region 5:**

- Instructor: Mary Howell, Backflow Management Inc.

**Region 6:**

- Instructor: Nicole Mangin, MEC TECH Services

**Region 7:**

- Instructor: TBA

**Region 8:**

- Instructor: TBA

**Region 9:**

- Instructor: TBA

**Region 10:**

- Instructor: TBA

The National Tribal Water and Wastewater Operator Workgroup Meeting:

- Instructor: TBA

- Instructor: TBA

- Instructor: TBA

**Computer-Based Testing (CBT) Periods**

Computer-Based Testing (CBT) periods provide a year-round opportunity for tribal water and wastewater personnel to achieve professional certification. Preparatory training is not included. Operator certification exams are available through CBT at 200 testing locations nationwide during the following timeframes.

<table>
<thead>
<tr>
<th>CBT Period #1</th>
<th>January 25, 2016, through March 31, 2016</th>
<th>CBT Period #2</th>
<th>April 1, 2016, through June 30, 2016</th>
<th>CBT Period #3</th>
<th>July 1, 2016, through September 9, 2016</th>
<th>CBT Period #4</th>
<th>November 1, 2016, through December 16, 2016</th>
</tr>
</thead>
</table>

**Tribal Water Operator Summits**

The Tribal Water Operator Summits, held in each of the U.S. EPA Regions 5 through 10, provide a forum for tribal water and wastewater personnel to attend short training seminars, to exchange ideas, to learn from their peers, and to contribute directly to the continuing development and planning of the ITCA Tribal Water Systems Program. Operators are encouraged to participate in the roundtable sharing and networking session. Each individual summit will include a stand-alone Paper-Based Testing (PBT) session. Preparatory training is not included.

**Region 5:**

- Instructor: Mary Howell, Backflow Management Inc.

**Region 6:**

- Instructor: Nicole Mangin, MEC TECH Services

**Region 7:**

- Instructor: TBA

**Region 8:**

- Instructor: TBA

**Region 9:**

- Instructor: TBA

**Region 10:**

- Instructor: TBA

The National Tribal Water and Wastewater Operator Workgroup Meeting:

- Instructor: TBA

- Instructor: TBA

- Instructor: TBA

**Computer-Based Testing (CBT) Periods**

Computer-Based Testing (CBT) periods provide a year-round opportunity for tribal water and wastewater personnel to achieve professional certification. Preparatory training is not included. Operator certification exams are available through CBT at 200 testing locations nationwide during the following timeframes.

<table>
<thead>
<tr>
<th>CBT Period #1</th>
<th>January 25, 2016, through March 31, 2016</th>
<th>CBT Period #2</th>
<th>April 1, 2016, through June 30, 2016</th>
<th>CBT Period #3</th>
<th>July 1, 2016, through September 9, 2016</th>
<th>CBT Period #4</th>
<th>November 1, 2016, through December 16, 2016</th>
</tr>
</thead>
</table>

**Tribal Water Operator Summits**

The Tribal Water Operator Summits, held in each of the U.S. EPA Regions 5 through 10, provide a forum for tribal water and wastewater personnel to attend short training seminars, to exchange ideas, to learn from their peers, and to contribute directly to the continuing development and planning of the ITCA Tribal Water Systems Program. Operators are encouraged to participate in the roundtable sharing and networking session. Each individual summit will include a stand-alone Paper-Based Testing (PBT) session. Preparatory training is not included.

**Region 5:**

- Instructor: Mary Howell, Backflow Management Inc.

**Region 6:**

- Instructor: Nicole Mangin, MEC TECH Services

**Region 7:**

- Instructor: TBA

**Region 8:**

- Instructor: TBA

**Region 9:**

- Instructor: TBA

**Region 10:**

- Instructor: TBA

The National Tribal Water and Wastewater Operator Workgroup Meeting:

- Instructor: TBA

- Instructor: TBA

- Instructor: TBA

**Computer-Based Testing (CBT) Periods**

Computer-Based Testing (CBT) periods provide a year-round opportunity for tribal water and wastewater personnel to achieve professional certification. Preparatory training is not included. Operator certification exams are available through CBT at 200 testing locations nationwide during the following timeframes.

<table>
<thead>
<tr>
<th>CBT Period #1</th>
<th>January 25, 2016, through March 31, 2016</th>
<th>CBT Period #2</th>
<th>April 1, 2016, through June 30, 2016</th>
<th>CBT Period #3</th>
<th>July 1, 2016, through September 9, 2016</th>
<th>CBT Period #4</th>
<th>November 1, 2016, through December 16, 2016</th>
</tr>
</thead>
</table>