**Requirements for Michigan Department of Environmental Quality Engineers – Office of Drinking Water and Municipal Assistance**

Engineers in the Office of Drinking Water and Municipal Assistance at the Michigan Department of Environmental Quality (MDEQ) must be professionally licensed as required by state law.  The four components for licensure are as follows:

* **Education** - obtain an engineering degree from an accredited university.
* **Work Experience** - have a minimum of 4 years of verified engineering work experience after graduation – 5 references needed, with 3 being professional engineers.
* **Testing** - pass the Fundamentals of Engineering Exam and then the Professional Engineers Exam
* **Continuing Education** - 30 hours of continuing education are required every 2 years to retain license, beginning with licenses expiring on October 31, 2015.

For more detailed information see the Michigan Department of Licensing and Regulatory Affair’s website: [http://www.michigan.gov/lara/0,4601,7-154-72600\_72602\_72731\_72865---,00.html](http://www.michigan.gov/lara/0%2C4601%2C7-154-72600_72602_72731_72865---%2C00.html)

Professional engineers at MDEQ seek continuing education credit from a variety of sources, and track their own credits and licensure requirements.    They also participate, present and teach at conferences and seminars, in addition to serving on committees and workgroups at the state and national level.  Organizations that offer continuing education in the water supply field include, but are not limited to this list:

United States Environmental Protection Agency

National and Michigan Environmental Health Association

American Water Works Association and its Michigan Section

National and Michigan Onsite Wastewater Recycling Association

Michigan Water Environment Association

State Onsite Regulators Alliance

International and National Sanitation Foundation

Centers for Disease Control and Prevention Model Aquatic Health Code

Michigan Rural Water Association

National Swimming Pool Foundation

Association of RV Parks and Campgrounds of Michigan

Michigan Association of Recreation Vehicles and Campgrounds

**Continuing Education Opportunities for Professional License Renewal**

American Waterworks Association (AWWA) - MDEQ Partnership

Spring Regional Meetings

Fall Regional Meetings

Spring U.P. Waterworks Institute

Fall U.P. Distribution Seminar

Michigan Section AWWA Annual Conference

Triennial AWWA Ground Water and Source Water Conference

Biennial Borchardt Conference

Basic Cross-Connection Seminar

Advanced Cross-Connection Seminar

3-Day Courses:

 Water Chemistry Short Course

 Water Treatment I Short Course

 Water Treatment II Short Course

 Limited Treatment Short Course

 Bacti Short Course

 Basic Math & Hydraulics Short Course

 Distribution Short Course

 Plankton Course

 Basic Electricity Short Course

13-Week Course in Math, Hydraulics, and Chemistry (when offered)

Other Opportunities

University of Wisconsin Engineering Extension Workshops (2016 Offerings)

* Control of Water Quality in Municipal Distribution Systems
* Instrumentation and Control for Water and Wastewater Processes
* Understanding Water Chemistry
* Fundamentals of Drinking Water Treatment
* Pumps and Motors
* Essentials of Hydraulics for Civil and Environmental Professionals
* Introduction to Hydraulic and Hydrologic Modeling
* Advanced Asset Management Practices for Water and Wastewater Utilities

AWWA National Conference

AWWA Membrane Conference

Waterborne Disease Conference

Association of State Drinking Water Administrators Conferences

Invasive Species Conference

Michigan Rural Water Conferences

US Environmental Protection Agency-Office of Drinking Water Small Systems Webinars

National Ground Water Association Seminars

MDEQ Workshops/Seminars by other MDEQ Divisions/Offices

Michigan Water Environment Association Annual Conference

AWWA-Michigan Water Environment Association Joint Expo

March 9, 2016