

Clean Water Ambassador Meeting

December 16, 2021

Office of the **Clean Water Public Advocate**



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

How to ask a question



Submit your questions using the “**Q/A**” box in at the bottom of your screen.



Click the “hand” icon at the bottom of your screen.



Type #2 to raise your hand.



#2

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Our Agenda



Welcome and Review of Agenda

Anita Singh, EGLE



Water & Wastewater Professionals Week

Kris Donaldson, Clean Water Public Advocate



Discussion of Topics & Ideas For Next Year

Emily Posthumus, EGLE



Ambassador Updates and Discussion



Wrap-up & Reminders

Emily Posthumus, EGLE

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A blue-tinted photograph of water being poured into a glass, with water droplets on the surface. The text is overlaid on this image.

Water & Wastewater Professionals Week

Kris Donaldson, Clean Water Public
Advocate

Licensed Drinking Water Operators and Professionals



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Licensed certified drinking water operators are essential to providing safe drinking water to the public.



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History

1941

- Public Health Service Act 138 required certification of operators

1942

- Classification of F-1, F-2, F-3, D-1, D-2, T, and M were being used

1978

- F-4 classification added to Act 399 along with requirement for certification of the shift operator

1996

- SDWA amendments directed EPA to develop information on operator certification requirements

2001

- Final guidelines published establishing a process and schedule for reviewing operator certification programs, exam validation and certified operations

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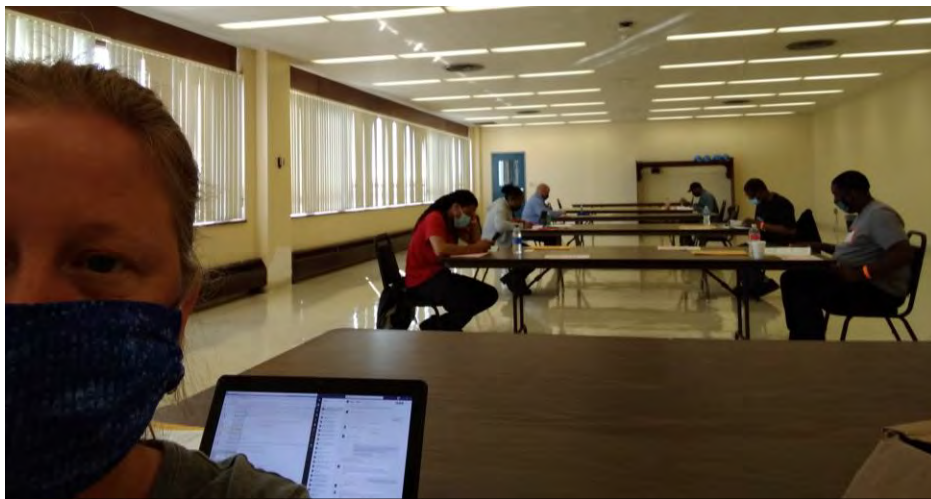


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Classifications

- S Levels 1-5
Distribution System
- D Levels 1-5
Limited Treatment
- F Levels 1-5
Complete Treatment





- Qualify – application & approval process
- Examination
- Continuing Education Requirements
- License Renewal

WATER DISTRIBUTION SYSTEM CONSTRUCTION

- ☐ Install or Replace Water Mains
- ☐ Install or Replace Fire Hydrants
- ☐ Install or Replace System Valves
- ☐ Perform Construction Flushing
- ☐ Perform Pressure Tests & Leakage Calculations
- ☐ Disinfect & Sample New Mains

WATER DISTRIBUTION SYSTEM REPAIRS

- ☐ Repair Water Mains
- ☐ Repair Hydrants
- ☐ Repair Well or Booster Pumps
- ☐ Repair Control Valves
- ☐ Repair Distribution Valves

WATER DISTRIBUTION SYSTEM OPERATION

- ☐ Perform Routine Flushing
- ☐ Perform Routine Valve Turning
- ☐ Operate Well or Booster Pumps
- ☐ Collect Routine Monthly Bacteriologic Samples
- ☐ Operate or Control Water Storage
- ☐ Perform Leak Detection

WATER DISTRIBUTION SYSTEM CUSTOMER METERS

- ☐ Read Meters/Remotes ☐ Test Meters/Remotes
- ☐ Repair Meters/Remotes ☐ Install Meters/Remotes

WATER DISTRIBUTION SYSTEM SERVICE LINES

- ☐ Install Services, Taps, Curb Stops
- ☐ Repair Services, Taps, Curb Stops
- ☐ Perform Line Locating
- ☐ Perform Turn Ons & Shut Offs

WATER DISTRIBUTION CROSS CONNECTIONS

- ☐ Conduct Formal Cross Connection Inspections
- ☐ Enforce Formal Cross Connection Program
- ☐ Maintain Cross Connection Records
- ☐ Review Device Test Reports
- ☐ Prepare Annual EGLE Cross Connection Report

WATER DISTRIBUTION SYSTEM ADMINISTRATION

- ☐ Prepare/Maintain EGLE Reports & Plans
- ☐ Respond to Customer Complaints
- ☐ Schedule Maintenance
- ☐ Maintain Spare Parts Inventory
- ☐ Prepare Water System Budgets
- ☐ Train & Manage Personnel
- ☐ Maintain Distribution Appurtenance Records
- ☐ Schedule Distribution Work Force



S Level Certification

- Distribution System and Untreated Well systems
- Water main installation
- Water main break repairs
- Maintenance of Hydrants and Valves
- Storage tank operation and maintenance
- Booster station/pumps operation maintenance

D Level Certification

- Limited Treatment
- Well systems with some level of treatment
- Iron Removal
- Arsenic Removal
- Softening
- Chemical addition
 - Chlorine
 - Phosphate
 - Fluoride



F Level Certification

- Most Complex Level of Treatment
- Surface Water = Drinking Water
- Conventional Surface Water Treatment
- Microfiltration



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Educational & Career Opportunities

- #MiWaterProsWeek
- Delta College and Bay College: 2-year program
- Grand Rapids Community College: 2-year program in development
- Community College course offerings across the state
- EGLE, AWWA, MWEA training programs

A glass of water with water being poured into it, set against a blue background with water droplets.

Topics & Ideas For Next Year

Emily Posthumus, EGLE

Topics & Ideas

- Statewide Drinking Water Advisory Council wants to know...
 - What do you think people in your community need/want to know about lead in drinking water?
 - What are the best methods of communication?
- Fix A Leak Week
 - What did you like about last year?
 - What would you like to see this year – what would get people involved?
- Topics & Ideas for Clean Water Ambassadors next year
 - More 'action items'
 - Presentations or speakers on what topics?

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A photograph of water being poured into a clear glass, set against a blue background. The water is captured in motion, creating a dynamic splash. The entire image is overlaid with a semi-transparent blue filter. The text is centered over the glass.

Clean Water Ambassador Updates & Discussion

A glass of water with water being poured into it, set against a blue background with water droplets.

Wrap-up & Reminders

Emily Posthumus, EGLE

Wrap-up & Reminders

- Next meeting will be on Teams
 - Ambassador Directory will then be available via Teams
 - Please reach out if you have any questions about being included in the Directory

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Contact Us



Michigan.gov/CleanWater



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