



## The Deep End: a Cohort Program on Water Basics

1. Introduction to Working in Water – 1/25 Fishbeck office in Lansing
  - a. Human water cycle, where do you fit in?
  - b. Mentor/Mentee match\*Lead Facilitator: Caron, Ballard
  
2. One Water – Water Treatment – 2/22 Wyoming Drinking Water Plant in Holland
  - a. SDWA, Treatment processes, lab basics, tour a water plantLead Facilitator: Fleming, Vail
  
3. One Water – Distribution and Field Operations – 3/28 Ann Arbor Water Treatment Plant in Ann Arbor
  - a. Pipes (transmission mains, distribution mains, services) valve selection, pumps, tanks, community water supply permits (EDDY), tour a pump stationLead Facilitator: Weldon, Maciejewski
  
4. One Water – Collection and Maintenance– 4/25 Kennedy Industries in Wixom
  - a. Pipes (Trunk sewers, force mains, laterals), lift stations, capacity calculations, collection system permits (MIENVIRO)Lead Facilitator: TBD
  
5. One Water – Wastewater Treatment – 5/23 Lansing Wastewater Treatment Plant in Lansing
  - a. Basic treatment, biosolids, biodigesters, basic lab, Clean Water ActLead Facilitator: Vail
  
6. One Water – Stormwater and Source Water Protection – 6/27 Lansing Board of Water & Light in Lansing
  - a. NPDES and other permits, source water protection plans, Watershed Councils/Orgs (LGROW)Lead Facilitator: Gleason
  
7. Business of Water– 7/25 OHM Advisors in Livonia
  - a. Meter reading, rate setting, customer service and billing, purchasing, budgeting basics, grants and state/federal fundingLead Facilitator: Fleming
  
8. Government Affairs– 8/22 Midwest Strategy Group in Lansing
  - a. How water is regulated at the local, state, and federal levelsLead Facilitator: Fleming, Vail





9. Career Planning (attend MI-ACE) – 9/10 Amway Grand Hotel in Grand Rapids, ahead of MI-ACE
  - a. Personal 5-year professional development plan, preventing Overwhelmed, executive functioning, organizational skillsLead Facilitator: Wagar
  
10. Communicating Effectively– 10/24 Bay County Department of Water and Sewer in Bay City
  - a. Engaging with management, networking, presentation skillsLead Facilitator: Wagar
  
11. Introduction of Capstone– 11/14 Prein & Newhof in Grand Rapids  
Lead Facilitator: Ballard
  
12. Capstone wrap up, reception/celebration/graduation– 12/12 MI-AWWA in Grand Rapids  
Lead Facilitator: Ballard

\*Mentorship – experienced professionals will be matched with individuals in the cohort. Mentor meetings will take place outside the scheduled class time.

