

# Water and Wastewater POLYMER - Who, What, Where, How and Why

When: October 1<sup>st</sup>, 2025

Where: City of Medford RWRf

W WW 0.3 CEU's available pending OESAC approval

Lunch Provided

This training introduces the basics of flocculants and coagulants, their properties, uses, and optimization. Participants will learn key concepts in the classroom and then apply them in the lab through hands-on jar testing, floc formation, and polymer performance demonstrations.

Attendees will be **encouraged to participate**, performing tests themselves with guided instruction to build confidence, refine technique, and understand what to look for during testing.

- **Class Location:** City of Medford Regional Water Reclamation Facility (RWRf)  
1100 Kirtland Road, Central Point OR, 97502
- **Agenda**
  - **The classroom portion (Part 1)** will provide a basic knowledge of Flocculants and Coagulants, how they are used, where they are used, why they are used and who uses them
  - **The lab portion (Part 2)** will provide a basic knowledge of jar testing to include types of tests, how different polymers perform and how to test for different types of equipment. This will also include tips and techniques to get consistent repeatable results.
- **Timeline**
  - 10:00 Classroom portion (Part 1)
  - 11:30 Break for lunch – Lunch will be provided curtesy of SNF Polydyne Inc.
  - 12:30 Lab Portion (Part 2)
  - 2:00 Course completed
- **Speaker Bio:**

Presenter:  
Charles Scott  
Sr. Technical Sales Representative  
SNF Polydyne  
(360)931-5566

  - Charles has over 22 years in the chemical industry including 14 years in the polymer industry. Of the 14 years in the polymer industry the first 9 years was in polymer manufacturing plant as an operator, supervisor

and Foreman. During this time Charles oversaw the production of both Dry polymers and Emulsion polymers. The last 5 years Charles have worked as Senior Technical Service Rep for the Pacific Northwest.

- Charles served 6 years in the US Army as Blackhawk Helicopter Mechanic/Crew chief with additional duties as a Crewmember Flight instructor and Standardization Flight Instructor. As a Standardization Flight instructor Charles oversaw the crewmember flight training program for his unit along with the training and evaluating the flight instructors.
- Worked over 2 years as a Blackhawk Helicopter mechanic as a contractor rebuilding Blackhawk Helicopters to return to flight service after spending extended periods of time deployed. Supervised a crew of 6 team members on the disassembly, inspection, reassembly, and flight checks.