



Oregon Association of Clean Water Agencies (ACWA) Application for Wastewater CEUs for a workshop entitled:

2022 ACWA Mercury Minimization Plan Workshop: *How to Minimize Your Effort and Maximize Your Results Using ACWA's New Model Plan Tools*

CEUs requested: the workshop has 2 hours of eligible content, equating to 0.2 CEUs.

This document includes the information required to demonstrate eligibility for Wastewater CEUs, including: 1) the educational need for the program provided; 2) the learning outcome for attendees; 3) an outline of the course content; 4) the qualifications of the instructors; 5) the time schedule; and 6) the method of tracking on-line attendance for the duration of the workshops.

Educational Need and Learning Goals:

Many waterbodies throughout Oregon exceed the state methylmercury human health water quality criterion. To meet this criterion, the Oregon Department of Environmental Quality (DEQ) requires major (> 1 million MGD) domestic wastewater National Pollutant Discharge Elimination System (NPDES) permit holders that discharge to such waterbodies to develop and implement a Mercury Minimization Plan (MMP). DEQ created guidance to help permittees understand the required elements of a MMP. In addition, ACWA recently teamed with DEQ to complete a Model Mercury Minimization Plan tool, which permittees can use as a baseline MMP to greatly reduce the effort needed to develop a plan that DEQ will approve.

This two-hour workshop will help major wastewater NPDES permit holders gain knowledge about MMP permit requirements, how to use the ACWA Model MMP tool in developing or updating their MMPs, and mercury minimization resources to assist with implementing plan actions. It will familiarize attendees with the required elements of a MMP, as well as other optional elements that can enhance their plan and address community expectations. The goal of this workshop is to equip ACWA members and other permittees with the knowledge, resources, and tools they need to develop robust MMPs that DEQ will approve and protect water quality. The workshop will cover the specific content outlined below.

Course Outline, Instructor Information and Time Schedule:

Thursday, July 28; 10:00 am to 12:00 pm; there are no scheduled breaks.

- Background on why a Mercury Minimization Plan (MMP) is needed
- Lessons learned from a small community in developing and implementing a MMP
- Instruction on how to navigate and use ACWA's Model MMP
- Describing mercury sources within a community and summarizing past mercury minimization actions

- Key elements and resources for the development of a MMP Implementation Plan
- Summarizing wastewater facility changes and past mercury monitoring data results
- How to use ACWA's Mercury Reduction School Outreach Toolkit
- Navigating ACWA's mercury website resources

Instructors:

Susie Smith, Executive Director
Oregon Association of Clean Water Agencies

Ms. Smith has worked for local governments in Oregon for over 35 years, focusing on water, energy, land and infrastructure planning and management. She retired from the City of Springfield as Public Works Director in 2011 after nearly 24 years of service, which included the roles of Environmental Services Manager, General Manager for the Eugene-Springfield Metropolitan Wastewater Commission, and Planning Supervisor. She founded Stony Creek Consulting to support local governments plan and invest public resources in feasible, cost-effective long-term infrastructure and environmental management solutions that protect, enhance, and sustain communities and Oregon's natural systems. She has served since 2016 as the Executive Director of the Oregon Association of Clean Water Agencies (ACWA), a not-for-profit association of public wastewater and stormwater management agencies and their professional consultants across the state of Oregon that are dedicated to protecting Oregon's waters. Smith has a BS in Conservation of Natural Resources from the University of California at Berkeley, and a MS in Urban and Regional Planning from the University of Oregon.

Mike Miller, Public Works Director
City of Florence, OR

Mr. Miller brings more than 35 years of professional public works experience in water, wastewater, stormwater, streets, parks, airport and facilities maintenance. Prior to taking the Public Works Director position with City of Florence, Mr. Miller worked for the City of Bend starting as the Water Utility Manager and then becoming the Assistant Public Works Director overseeing capital projects, stormwater and engineering. Prior to joining the City of Bend, Mike worked for the City of Tigard for 16 years in various roles primarily in water distribution, plan review and capital project management. As the Public Works Director for the City of Florence, in addition to leading the Department for the last fifteen years, Mr. Miller has been instrumental in bringing innovative, sustainable, ecological and cost-effective solutions to the City, which includes everything from finding a long-term, cost-effective method of managing the City's biosolids program to building a modern Public Works facility that features variable refrigerant flow for heating and air conditioning; solar panels, green roof, and hybrid wind/solar yard lighting.

Dr. Erich Brandstetter, Senior Permit Writer
Oregon Department of Environmental Quality, Portland, OR

Dr. Brandstetter has been with DEQ for ten years. He spent five years as the statewide program coordinator for industrial and construction stormwater. He is currently a senior permit writer for individual NPDES permits, and “subject matter expert” for mercury issues, temperature, and analyses of toxic pollutant data. Dr. Brandstetter has an M.S. in Mathematics and a Ph.D. in Ecology.

Kevin Masterson, Senior Environmental Consultant
Stony Creek Consulting

Mr. Masterson is an environmental professional with over 34 years of experience developing, implementing, and evaluating pollution management and reduction programs for public agencies. He has extensive knowledge and experience in applying federal, state, and local environmental laws and policies. Masterson currently works as a Senior Environmental Consultant and is assisting the Oregon Association of Clean Water Agencies (ACWA) in tracking research and regulations related to high priority toxins of concern and developing strategic proactive toxics reduction strategies. Prior to his work with Stony Creek Consulting and ACWA, Masterson worked for the Oregon Department of Environmental Quality as the Statewide Toxics Coordinator, Stormwater Coordinator and other positions for the Department since 1994. Previously, he developed and implemented environmental management and technical assistance programs for agencies in Southwest Washington. Masterson holds a bachelor’s degree in Economics and an MS in Urban and Regional Planning from the University of Oregon, Eugene, OR.

Marney Jett, Senior Pollution Prevention Specialist
Clean Water Services, Hillsboro, OR

Ms. Jett started working at Clean Water Services (what was then called Unified Sewerage Agency) in 1996 as a lab technician. In 2001, she was hired into Source Control as the first pollution prevention specialist with the agency. She worked for many years with small facilities (auto shops, photo processors and dentists) to reduce such pollutants as silver and mercury at the source. Currently, Ms. Jett works mostly in the formal pretreatment and stormwater programs but continues working on mercury reduction activities for Clean Water Services. Jett has a BS in Biology from Gonzaga University.

Julia Crown, Water Quality Analyst
Clean Water Services, Hillsboro, OR

Ms. Crown works for Clean Water Services on NPDES permit regulations. She previously implemented the Mercury Minimization Plan in the Industrial Pretreatment Program at the City of Gresham and worked at Oregon DEQ developing TMDLs and analyzing data for the Pesticide Stewardship Partnership Program. Ms. Crown advocated for improvements in Mercury Minimization Plans as the former Oregon ACWA Pretreatment Committee co-chair. She is an

alumna of Portland Community College, Simmons University, and Oregon State University and holds degrees in biology and bioresource engineering.

Method of Tracking Attendance for CEU Certification:

The MMP workshop will be an in-person event. All attendees will be required to register, and the registration information will include their name, agency, address, and certification number. ACWA will check in each attendee into the workshop when they arrive and verify their registration status.