



P.O. Box 2570 Ellicott City, MD 21041  
 Phone 443-570-2029 FAX 443-267-0098

## **OPERATIONS & MAINTENANCE (O & M) SERVICE PROVIDER CERTIFICATION PROGRAM**

The MOWPA Operations and Maintenance (O & M) Service Provider Certification Program educates and trains practitioners in the use of best practices with onsite wastewater treatment systems (more specifically, with pre-treatment units that have been designated as best available technology (BAT) for nitrogen reduction). The approach developed in this program focuses on residential systems. The fundamental message of this training is that through proper maintenance and management, onsite technology and systems are a permanent and effective part of the nation’s wastewater infrastructure. **This course is based on CIDWT training materials and manual in conjunction with Maryland Department of the Environments Core Objectives to comply with the required BAT O & M training per COMAR 26.04.02.07.**

This 1-day program addresses key aspects of O & M service procedures for BATs and gives participants the ability to evaluate each component of the onsite wastewater treatment system. Operational checklists are available for all the components of the treatment train. This process allows the service provider to pick and choose the operational checklists that apply to each system’s unique treatment train. Attendees receive the following materials:

- Study material and example problems
- Certificates are issued based upon completion of the course and passing the examination with a score of 75% or higher.
- Names placed on MOWPA and MDE’s Website
- All participants receive continuing education units (CEU’s) that verify their level of achievement as an O & M professional.

**FREE TO MOWPA MEMBERS:**

- CIDWT Service Providers Manual
- Operational Checklists

If NOT a MOWPA member, the CIDWT manual may be purchased the day of class for \$65

**Now Accepting Registration:**

<b><u>Date/ Time</u></b>	<b><u>Location</u></b>
March 11, 2020 (Snow Date: March 18, 2020) 7:30 am – 5:00 pm	Howard County Bureau of Utilities 8270 Old Montgomery Road Columbia, MD 21045

Registration Deadline: March 04, 2020 (or when classroom reaches maximum capacity of 30). Cancellation policy requires 14 days notice to MOWPA to receive a full refund. One-half the cost will be refunded for cancellation requests made between 13 and 1 day prior to the class. For inquiries, please contact Rachel at 443.570.2029 or email [info@mowpa.org](mailto:info@mowpa.org).

This course has been submitted to the Maryland Board of Environmental Health Specialists and the Board of Waterworks and Waste System Operators for an expected 7.0 CEUs



# OPERATIONS & MAINTENANCE (O & M) SERVICE PROVIDER CERTIFICATION PROGRAM

## Attendee Registration Form

<b>Date/ Time</b>	<b>Location</b>
March 11, 2020 (Snow Date: March 18, 2020) 7:30 am – 5:00 pm	Howard County Bureau of Utilities 8270 Old Montgomery Road Columbia, MD 21045

Registration Fees:

O & M Certification Class	\$195.00	\$ _____
MOWPA Regular Membership	\$ 95.00	\$ _____
MOWPA Associate Membership*	\$ 25.00	\$ _____
CIDWT Manual for non-members	\$ 65.00	\$ _____

*\*In order to be eligible for an Associate Membership, a company or organization must have 1 current regular member at time of registration. \**

Company/Organization \_\_\_\_\_

Attendee Name \_\_\_\_\_

Type of Business (circle all the apply) OSDS Installer / Pumper / Regulator / Consultant / Inspector

Address \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Email \_\_\_\_\_ Amount Included w/registration \_\_\_\_\_

**PAYMENT INFORMATION** (MOWPA EIN # 20-2130265)  
 Mail completed registration form and payment (check only) in full to:  
**MOWPA • P.O. Box 2570 • Ellicott City, MD 21041-2570**

Online Payment: <https://www.mowpa.org/MOWPA/operations-and-maintenance-o-m-service-provider-certification-program>



## O & M Service Provider Course Overview

<u>Morning</u>	<u>Afternoon</u>
7:30 a.m.      Organization & Check-in	12:30 p.m.      Chapter 6: Pump Tanks, Pumps, Dosing Systems & Controls, Calculations
8:00 a.m.      O&M Course Introduction	
8:05 a.m.      Chapter 1 An O&M Service Provider's Role Section 1 Sections 2-3-4	1:30p.m. Introduction to Nitrogen Cycle (Not in Book)
9:15 a.m.      MDE Reporting Requirements	2:00 p.m.      Chapter 7 Pretreatment components Advanced ATU's, Media Filters
9:30 a.m.      Chapter 2,3 Safety Requirements and Business Ethics	2:30 p.m.      Break
10:00            Break	2:40 p.m.      Maryland BAT units (Not in Book)
10:10 a.m.      O&M Site Assessment – Chapter 4	3:00 p.m.      Sampling BAT Units (Not in Book) Grab samples, Composite Samples, How to read Lab report, Individual SOP's for sampling
10:55 p.m.      Chapter 5 Pretreatment Components – Tanks, Risers, Calculating capacity, Baffles, filters, Sludge Judge	3:15 p.m.      Chapter 8 Gravity Distribution, LPD, Bottomless Media Filters, Drip dispersal , Spray dispersal
11:40 a.m.      Math Review, Practical Problems and applications.	4:00 p.m.      Class Evaluation, EXAM
12:00 p.m.      LUNCH (Provided)	<b>5:00 p.m.      Test End, Adjourn</b>