



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

Course Announcement and Registration

SITE EVALUATION FOR ONSITE SEWAGE DISPOSAL SYSTEMS

This two-day course offers detailed instruction on the proper field methodology and test procedures for conducting onsite sewage disposal site evaluation and making decisions about site suitability. Special emphasis will be given to understanding and describing soil properties and site conditions in the Piedmont. The course is based on the MDE Site Evaluation Training Manual, which serves as the course text, and includes one day of classroom instruction and one day of field instruction at a variety of soil test pits.

At the completion of the course, students should be able to:

1. List and explain the major steps used to evaluate and determine site suitability for onsite sewage disposal, as per state regulations.
2. Describe generally how soils surveys are made and discuss the limitations in using soil surveys for onsite sewage disposal evaluations.
3. List and describe the necessary soil properties and proper procedures and methods for collecting information in the field.
4. Describe the cylinder infiltrometer percolation test procedure used in evaluating soil suitability for sand mound systems and conduct a proper test.
5. Explain how to use the available data and collected information to determine site suitability for onsite sewage disposal.

Participants will receive handout material from the MDE Site Evaluation Training Manual during the classroom session. We recommend that the Manual be downloaded from the MDE web site and reviewed prior to attendance. Classroom quizzes and field soil descriptions must be completed and submitted during the course to receive CEU's.

Who Should Attend This Course?

This course is intended for sanitarians, engineers, designers and regulators within the onsite wastewater industry. It may also be valuable to installers who wish to better understand site evaluation as it relates to the system design and limitations.

Instructors:

Cliff Stein, Soil Scientist, Earth Data Inc. (Retired)
Don Hammerlund, Environmental Scientist, MDE (Retired)
Jim Brewer, Soil Scientist, NRCS (Retired)

Location:

Wednesday, November 20, 2019: 8:30 AM - 4:30 PM (Classroom - Howard County Bureau of Utilities. 8270 Old Montgomery Rd. Columbia, MD 21045)

Thursday, November 21, 2019: 8:30 AM - 4:30 PM (Field - Central MD Research and Education Center. 4240 Folly Quarter Rd. Ellicott City, MD 21042)



SITE EVALUATION FOR ONSITE SEWAGE DISPOSAL SYSTEMS Attendee Registration Form

Registration Deadline: November 6, 2019

This course requires at least 12 registered attendees at least two weeks prior to course date and will be limited to the first 20 registrants.

This course has been submitted to the Maryland Board of Environmental Sanitarians for approval of 13 CEU's.

Registration for this course requires a current MOWPA membership. Please limit one registration form per attendee.

Registration Fees: Please check the appropriate payment being submitted:

Are you a current MOWPA member? Yes No

A. If "No", please include membership payment for your attendee(s):

MOWPA membership \$95.00 _____

Or MOWPA Associate Membership* \$25.00 _____

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

B. Fee for Site Evaluation Training Course: \$250.00 _____
(Includes continental breakfast and lunches)

Company/Organization _____

Attendee Name _____

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/site-evalsewage-disp-sys>