

National Pollutant Discharge Elimination System (NPDES) Permit Reporting

7 contact hours

9 CC10 hours

The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This one-day course is designed to train wastewater operators and superintendents on the NPDES reporting process in Maryland. The following topics will be covered: general objectives of the discharge reporting system, proper identification of excessive discharges, required methods for reporting to regulatory agencies, and the accurate preparation of monthly Discharge Monitoring Reports. Dissolved oxygen, chlorine residual, pH tests, and flow monitoring will also be discussed. **Each participant must bring to this course a calculator with a log function and a copy of his or her plant's Discharge Permit.**

1. Discuss general objectives of the discharge reporting system;
2. Identify excessive discharge properly;
3. Cite required methods of reporting violations to the regulatory agency;
4. Prepare the state required monthly Discharge Monitoring Report accurately; and
5. Discuss tests involved in basic parameters, i.e., dissolved oxygen, chlorine residual, pH, and flow monitoring.

Course Agenda

Morning Session:

8:00 – 8:15 Introduction / Course Overview

8:15 – 8:45 Pre-Test

8:45 – 9:15 History of NPDES

9:15 - 9:45 NPDES Permitting

9:45 – 10:00 Break

10:00 – 11:30 NPDES Compliance:

- Plant Operation
- Sample Collection, Preservation and Analysis
- Reporting

11:30 – 12:00 Common NPDES Compliance Problems and Solutions

12:00 – 1:00 Lunch

Afternoon Session:

1:00 – 2:00 Review of Site Specific WWTP NPDES Permits and Discharge Monitoring Reports (DMR's)

2:00 – 2:15 Break

2:15 – 3:15 Demonstrations

- Excel MOR/DMR
- EPA NetDMR

3:15 – 3:45 Post Test

3:45 – 4:00 Evaluation & Closing

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