



U.S. ENVIRONMENTAL PROTECTION AGENCY

NPDES PERMIT WRITERS' COURSE



Chicago, Illinois
May 23-27, 2016

Course Location

U.S. Environmental Protection Agency Region 5
77 W. Jackson Blvd., Chicago, Illinois
Lake Michigan Room (12th Floor)

Course Description and Registration Information

The objective of this course is to provide the basic regulatory framework and technical considerations that support the development of wastewater discharge permits required under the National Pollutant Discharge Elimination System (NPDES) program. The course was designed for permit writers with about six months to two years of experience in the NPDES program, but experienced permit writers wanting a refresher course and other water program staff wanting to learn more about the NPDES program also are welcome.

As a foundational course, the training does not address in detail specialized topics such as industrial and municipal stormwater, concentrated animal feeding operations, and vessel discharges. For more information on these specialized topics, please visit EPA's NPDES Web site at www.epa.gov/npdes

A **sample agenda** for the course is attached to this announcement.

There is no cost for the course. Registration is available at:

<https://www.eventbrite.com/e/us-epa-npdes-permit-writers-course-registration-19995638493>



If you have questions regarding the course, please contact Adam Orndorff at:
Adam.Orndorff@tetrattech.com or call him directly at (703) 385-2130.

Course Schedule and Logistics

On-site check-in for confirmed registrants begins on **Monday, May 23**, at **11:00 a.m.**, with the course beginning at **12:00 p.m.** The course concludes on **Friday, May 27**, at approximately **1:00 p.m.**

You will need a calculator for the practical exercises during the course.

A **workbook, course folder, one manual, and a reference CD** will be distributed at the course.

Hotel Information



The per diem overnight rate of \$200.00 + 20% (\$240.00 nightly) applies to Illinois State employees, out of state employees, and federal employees. This rate is available through March 22, **2016**, at the **Union League Club of Chicago**, located at **65 W. Jackson Blvd., Chicago, Illinois**. Call (312) 427-7800 and request reservations under the group code **"EPA Permit Writer's Training."**

Directions from the O'Hare and Midway Airports to the Union League Club of Chicago can be found here <http://www.ulcc.org>. The Union League Club of Chicago is within walking distance of the course location. Self-parking is available during weekdays at a rate of \$26/day.

PLEASE NOTE: Do not make non-refundable travel arrangements until you receive confirmation that your registration has been accepted.

NPDES PERMIT WRITERS' COURSE SAMPLE AGENDA

Day 1: Monday

- 11:00 a.m. **Check-in and On-site Registration**
- 12:00 p.m. Introduction to the NPDES Permit Writers' Course
- 12:45 p.m. Module 1: Overview of the Clean Water Act
- 1:45 p.m. Module 2: Scope and Regulatory Framework of the NPDES Program
- 2:15 p.m. Module 3: NPDES Permit Types, Coverage, and Emerging Program Areas
- 3:15 p.m. Module 4: NPDES Permit Application Process
- 4:30 p.m. **Adjourn for the Day**

Day 2: Tuesday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module WT: Overview of Wastewater Treatment Processes
- 9:45 a.m. Module 5A: Overview of Technology-based Effluent Limitations
- 10:00 a.m. Module 5B: Secondary Treatment Standards for POTWs
- 11:15 a.m. Module 5C: Effluent Limitations Guidelines and Standards for Non-POTWs (Industrial Facilities)
- 12:00 p.m. **Lunch Break**
- 1:15 p.m. Review Questions
- 1:30 p.m. Module 5C: Effluent Limitations Guidelines and Standards for Non-POTWs (Industrial Facilities) (continued)
- 2:30 p.m. Module 5D: Case-by-Case Technology-based Effluent Limitations
- 3:30 p.m. Module 6A: Overview of Water Quality-based Effluent Limitations
- 3:45 p.m. Module 6B: Identifying Applicable Water Quality Standards
- 4:30 p.m. **Adjourn for the Day**

Day 3: Wednesday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module 6B: Identifying Applicable Water Quality Standards (continued)
- 10:00 a.m. Module 6C: Characterizing the Effluent and the Receiving Water
- 11:00 a.m. Module 6D: Determining the Need for Chemical-specific WQBELs
- 12:00 p.m. **Lunch Break**
- 1:15 p.m. Review Questions
- 1:30 p.m. Module 6D: Determining the Need for Chemical-specific WQBELs (continued)
- 2:30 p.m. Module 6E: Developing Chemical-specific WQBELs
- 3:45 p.m. Module 7: Final Effluent Limitations
- 4:30 p.m. **Adjourn for the Day**

Day 4: Thursday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module 8: Monitoring and Reporting Requirements
- 9:45 a.m. Module 9A: Special Conditions
- 10:45 a.m. Module 9B: Special Conditions for Municipal Dischargers
- 12:00 p.m. **Lunch Break**
- 1:15 p.m. Review Questions
- 1:30 p.m. Module 10: Standard Conditions
- 2:00 p.m. Module 11: The Administrative Process
- 3:15 p.m. Comprehensive Exercise – Part 1 (Application Review)
- 4:30 p.m. **Adjourn for the Day**

Day 5: Friday

- 8:30 a.m. Review Questions
- 8:45 a.m. Comprehensive Exercise - Part 2 (Effluent Limitations)
- 11:45 a.m. Comprehensive Exercise - Part 3
(Monitoring and Reporting, Special Conditions, Administrative Process)
- 12:30 p.m. Course Review
- 1:00 p.m. **Adjourn**