



U.S. ENVIRONMENTAL PROTECTION AGENCY

NPDES PERMIT WRITERS' COURSE



Kansas City, Missouri
May 1–5, 2017

Course Location

InterContinental: Kansas City at the Plaza
401 Ward Parkway | Kansas City, Missouri | www.kansascityic.com

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: [U.S. EPA: NPDES Permit Writers' Course](http://www.epa.gov/npdes/npdes-permit-writers-course)



For questions regarding the course, please contact Jennifer Duckworth:
jennifer.duckworth@tetrattech.com or call directly at (703) 385-1203.

Course Schedule and Logistics

On-site check-in for confirmed registrants begins **Monday, May 1, at 11:30 a.m.**, with the course beginning at **12:00 p.m.** The course concludes on **Friday, May 5, 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 USB with references will be distributed at the course.

Hotel Information

Overnight rooms at the InterContinental Kansas City at the Plaza (the workshop location) are available at the rate of \$117 per night plus a \$1.74 per room, per night arena fee and 15.85% in taxes.

To book, call (866) 856-9717 or book online at www.kansascityic.com. To receive the special room rate, reference the group code **EPA** when booking by phone or online by March 31, 2017.

The hotel is in a very walkable location and close to many amenities. Shuttle service from the Kansas City Airport to the InterContinental is available at <http://www.flykci.com/getting-to-from/ground-transportation/shuttle-services/>. Nightly gated self-parking is available for \$18, and temporary self-parking is complimentary. Valet parking is available for \$22 nightly or \$12 for temporary parking.

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

- 11:30 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 and Permitting Approaches
- 3:45 p.m. Module WT: Overview of Wastewater Treatment Processes
- 4:30 p.m. **Adjourn for the Day**

Day 2: Tuesday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module 4: NPDES Permit Application Process
- 9:45 a.m. *NPDES Permit Writing Exercise—Part 1*
- 11:00 a.m. Module 5A: Overview of Technology-based Effluent Limitations
- 11:15 a.m. Module 5B: Secondary Treatment Standards for POTWs
- 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
- 3:15 p.m. Module 5D: Case-by-Case Technology-based Effluent Limitations (TBELs)
- 3:45 p.m. *NPDES Permit Writing Exercise—Part 2*
- 4:30 p.m. **Adjourn for the Day**

Day 3: Wednesday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module 6A: Overview of Water Quality-based Effluent Limitations (WQBELs)
- 9:00 a.m. Module 6B: Identifying the Applicable Water Quality Standards
- 10:30 a.m. *NPDES Permit Writing Exercise—Part 3, Step 1*
- 11:15 a.m. Module 6C: Characterizing the Effluent and Receiving Water
- 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
- 3:00 p.m. *NPDES Permit Writing Exercise—Part 3, Steps 2 and 3*
- 4:30 p.m. **Adjourn for the Day**

Day 4: Thursday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module 6E: Calculating Chemical-specific WQBELs
- 9:45 a.m. *NPDES Permit Writing Exercise—Part 3, Step 4*
- 10:30 a.m. Module 7: Final Effluent Limitations
- 11:15 a.m. *NPDES Permit Writing Exercise—Part 4*
- 11:45 a.m. **Lunch Break**
- 1:00 p.m. Review Questions
- 1:15 p.m. Module 8: Monitoring and Reporting Requirements
- 2:00 p.m. *NPDES Permit Writing Exercise—Part 5*
- 2:45 p.m. Module 9A: Special Conditions
- 3:15 p.m. *NPDES Permit Writing Exercise—Part 6*
- 3:45 p.m. Module 9B: Special Conditions for Municipal Dischargers
- 4:30 p.m. **Adjourn for the Day**

Day 5: Friday

- 8:30 a.m. Review Questions
- 8:45 a.m. Module 10: Standard Conditions
- 9:30 a.m. Module 11: The Administrative Process
- 11:00 a.m. *NPDES Permit Writing Exercise—Part 7*
- 11:30 a.m. Course Review
- 12:30 p.m. **Adjourn**