

# U.S. ENVIRONMENTAL PROTECTION AGENCY

## NPDES PERMIT WRITERS' COURSE



**Kansas City, Missouri  
November 4 – 8, 2019**

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### *Course Location*

Hotel Phillips Kansas City, Curio Collection by Hilton  
106 W 12th St.  
Kansas City, MO 64105

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### *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](http://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](#)



If you have questions regarding the course, please contact Taylor Fontaine at: [taylor.fontaine@pgenv.com](mailto:taylor.fontaine@pgenv.com) or call him directly at (703) 956-1977.

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### *Course Schedule and Logistics*

On-site check-in for confirmed registrants begins **Monday, November 4**, at **11:30 a.m.**, with the course beginning at **12:00 p.m.** The course concludes on **Friday, November 8**, at approximately **12:30 p.m.**

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



**A workbook, course folder, and a USB with references will be distributed at the course.**

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### *Hotel Information*

Rooms at the federal government rate of \$125 plus a 4.225% tax are available at the **Hotel Phillips Kansas City, Curio Collection by Hilton** through **October 4, 2019**. Rooms can be reserved by using the following [reservation link](#).

**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**

Note: Due to time constraints, we will not be breaking for lunch on 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**