



Brominated Total Trihalomethane Research Workshop

EPA Region III and EPA Office of Research and Development

Date:

Monday, January 28, 2013
8:30 a.m. – 3:30 p.m.

Location:

Pittsburgh Water & Sewer Authority
Water Treatment Plant
900 Freeport Road, Pittsburgh, PA 15238

Please see next page for directions and other logistical information.

Description:

The U.S. Environmental Protection Agency (EPA) Region 3 is conducting a one-day workshop to provide training and guidance for drinking water treatment systems participating in the Region 3 Brominated Total Trihalomethane (TTHM) Research Project.

This workshop will also provide an opportunity for you to network with other drinking water system operators in the area and share common experiences related to bromide and brominated disinfection byproducts.

Workshop topics:

Below is a list of topics that will be covered during the workshop:

- Brominated TTHM Research Project Background
- Contractor Assistance by Battelle
- Quality Assurance Project Plan
- Field Data and Measurements
- Sampling Instructions
 - Lagrangian Sampling
 - Sample IDs
 - Quality Control Samples
 - Sample Collection and Preservation
 - Cooler Packing and Logistics
- Chlorine Measurements

Speakers:

Speakers will include technical experts from EPA, EPA-contractor Battelle, and industry:

- Craig Patterson,
EPA Office of Research and Development
- Mike Elovitz,
EPA Office of Research and Development
- Wendy Gray,
EPA Region 3 Drinking Water Program
- Angela McFadden,
EPA Region 3 Water Protection Division
- Gregory Leininger, Hach Company
- Angela Paolucci, Battelle
- Ryan James, Battelle

Who should attend:

Drinking water treatment facility operators, samplers, managers, and/or others involved in the sampling program supporting EPA Region 3's Brominated TTHM Research Project.

What to bring:

- Handheld chlorine measurement instruments
- Treatment process schematic (as 8.5" x 11")
- Frequency of instrument calibration
- Stage 2 TTHM sampling schedule

Registration:

Please confirm workshop attendees by emailing your registration request (include full name, title, phone number, mailing address, and email address) to: Gray.Wendy@EPA.gov. There is no fee for this event.

We look forward to seeing you at this EPA Event!

From PA Turnpike:

- Take exit 48 at Harmarville, (Allegheny Valley), to Route 28 South.
- Follow Route 28 South to the Highland Park Bridge, Exit 6.
- Take the Aspinwall Exit, which is off the Highland Park Bridge Exit. This exit is immediately to the right before you enter the bridge deck.
- At the stop sign, make a left towards Aspinwall onto Freeport Road. Continue on Freeport Road for approximately ½ mile.
- Go past St. Margaret's Hospital on the left-hand side. When you reach a National City Bank and a Citizens Bank on the left, there will be a railroad crossing on the right.
- Cross the unguarded (caution) railroad tracks towards the PWSA Administration Building (smaller building with the "Oval" drive).

From Pittsburgh and points south:

- Take Route 28 North to Delafield Road, Exit 7 (approximately 8 miles).
- At the stop sign at the end of the off ramp, make a left onto Delafield Road. Drive several blocks until Delafield Road dead ends onto Freeport Road.
- Turn left onto Freeport Road.
- When you see a National City Bank and Citizens Bank on the left side of the road, make a right turn across the unguarded (caution) railroad tracks towards the PWSA Administration Building (smaller building with the "Oval" drive).

Lunch:

Numerous restaurant options for lunch are located across the street on Freeport Road.

From the Pittsburgh Airport:

- When leaving the Pittsburgh Airport, follow signs to Pittsburgh – this will be Route 60 – which turns into 279 North (continue to follow signs to Pittsburgh, approximately 20 miles).
- When approaching the Fort Pitt Tunnel, get in the left lane. When you come out of the tunnel stay in far-left lane, continue following signs for 279 North. This will take you onto the Fort Duquesne Bridge, and then get into the far right lane (still following signs to 279 North).
- When you see the baseball field (PNC Park) on your right, you are to take the next exit (East Ohio Street, Chestnut Street, 28 North Exit).
- Take Route 28 North to Delafield Road, Exit 7 (approximately 8 miles).
- At the stop sign at the end of the off ramp, make a left onto Delafield Road. Drive several blocks until Delafield Road dead ends onto Freeport Road.
- Turn left onto Freeport Road.
- When you see a National City Bank and Citizens Bank on the left side of the road, make a right turn across the unguarded (caution) railroad tracks towards the PWSA Administration Building (smaller building with the "Oval" drive).

Nearby Hotels:

Comfort Inn & Suites at RIDC Park
180 Gamma Drive
Pittsburgh, PA 15238
(412) 963-0600

Holiday Inn Express in Harmarville
10 Landings Drive
Harmar Township, PA 15238
(412) 828-9300

Days Inn in Harmarville
6 Landings Drive
PA Turnpike 76 and Rte-28
Pittsburgh, PA 15238
(412) 828-5400