

AGENDA

Thursday, March 12, 2020

Maiden Creek Filter Plant/Reading Area Water Authority,
108 Berkley Road Reading PA, 19605

The theme for our March training and meeting will be Water Treatment plants and the chemistries required to keep them operating smoothly

Professionals who are involved with generating analytical data that are used by water treatment plants and municipalities are encouraged to attend the training sessions. The meeting will be presented by water professionals and will cover operation aspects of water treatment plants and the data needed to run them properly.

8:30 AM **Registration: Registration required. No walk-ins.**

9:00 AM **Welcome & Filter Plant Operation Overview:** Patrick Bauer, Plant Superintendent, RAWA This presentation will provide an overview of the Filter Plant operation. It will also show how data generated by laboratories assists with plant process control and compliance with Chapter 109 regulations.

9:30 AM **Legionella Water Safety:** Mandy Moon, Idexx Laboratories This presentation will cover a brief history of the first documented outbreak of Legionnaires disease and testing procedures for *Legionella pneumophila* .

10:15 AM **Break**

10:30 AM **Geosmin & 2-MIB :** Tom Mancuso, GC Field App Scientist Perkin Elmer
The presence of blue green algae in water sources produces 2- Methylisoborneol (2-MIB) and Geosmin. Both compounds emit a musty earthy aroma resulting in taste and odor problems for water systems. Standard Methods 6040 is a method for analyzing these compounds.

11:15 AM **SOCs:** Alan Lopez, Technical Manager and Ray Martrano, Operations Manager of ALS Global Middletown. In Pennsylvania, this is a Synthetic Organic Chemical (SOCs) monitoring year. This presentation will provide an overview of what are the SOC's and the methods that are required to complete testing requirements. Topics discussed will include why monitoring occurs and important scheduling and sampling considerations. It will also provide attendees with an overview of the analytical procedures and the challenges faced with running these methods. Also the speakers will cover some important aspects of reporting these data to the state.

12:00 PM **Lunch**

1:00 PM

Bureau of Laboratories, Update: BOL, PADEP Staff Member will provide an update for Lab Accreditation.

2:15 PM

Tour of Maiden Creek Filter Plant: RAWA Operations Staff will provide a tour of the water treatment plant. Some parts of the tour will be outside and in unheated portions of the building – dress appropriately. Weather permitting – a tour of the historic Maiden Creek Pumping Station which is located about a quarter mile from the Filter Plant.
