



Using Quality Control and Proficiency Testing for Continuous Improvement in the Laboratory

Presented by

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Abstract

Laboratory accreditation requirements state that proficiency testing (PT) samples must be handled like environmental samples. What does this mean exactly in a real world environmental laboratory environment and what do you do when something goes wrong? This presentation will focus on how to properly handle PT samples, and what not to do when preparing them, analyzing them, and reporting them. Proper techniques for troubleshooting a PT failure and schematics for corrective action will be discussed, including how to handle make-up and/or supplemental PTs.

Presentation Details

Date/Time: Tuesday, May 12, 2015 at 11:15 a.m.

Location: Bally's, Atlantic City, New Jersey

About Shawn Kassner

Shawn Kassner is the Senior Product Manager for Phenova. He has been involved in the analysis of environmental samples for 8 years and proficiency testing programs for over 17 years prior to joining Phenova. He is the current chair of the TNI Laboratory Proficiency Testing Expert Committee and a contributing member of both the Consensus Development Executive Committee and the Proficiency Testing Program Executive Committee. He obtained his Bachelor's of Science Degree in Biology from the Metropolitan State University of Denver.

About Stacie Metzler

Stacie holds a Bachelor's of Science Degree from Ohio University. She has worked as an environmental laboratory professional with Hampton Roads Sanitation District in the Central Environmental Laboratory for 21 years and recently took the position of Chief of the Laboratory. Previous to this, Stacie served as Quality Assurance Manager for 15 years. During her time with Hampton Roads Sanitation District she has led the effort to develop and implement a NELAC compliant quality system. In addition Stacie has been involved with many activities external to HRSD including:

- Various Committee roles with the NELAC Institute
- Current Chair of the WEF Lab Practices Committee
- Current Chair of the WEF Operations Challenge Committee
- Past President of the Virginia Water Environment Association