

U.S. Environmental Protection Agency
Long Term 2 Enhanced Surface Water Treatment Rule: *Cryptosporidium* Analytical Method
Improvements and Update on Source Water Monitoring Public Meeting

December 7, 2011
EPA East, Room 1153

AGENDA

Meeting Objectives:

- **Begin the LT2 regulation review process with a public discussion on *Cryptosporidium* Analytical Method improvements and Source Water Monitoring as the first step of the review of the regulation**
- **Provide an overview of the LT2 rule requirements**
- **Review source water monitoring schedule and available results from first round of monitoring under the LT2 rule**
- **Discuss new information and Method 1623 improvements**
- **Receive input from the public**

8:00 – 8:30 Arrival – Please arrive early and bring photo identification to go through security

8:30 – 9:00 Welcome, Introductions, Meeting Objectives and Agenda
Objective: Review desired outcomes, agenda and materials.

Pam Barr, Director, Standards and Risk Management Division
Vanessa Speight, Latis Associates, facilitator

9:00 – 9:30 Overview of LT2 Rule Requirements
Objective: Provide an overview of the LT2 rule requirements

Michael Finn, EPA/OGWDW
(20 min + 10 min questions)

9:30 – 10:00 LT2 Round 1 *Cryptosporidium* Occurrence
*Objective: Present the source water monitoring, summarize Round 1 *Cryptosporidium* occurrence data, and compare with ICR and ICR Supplemental Survey data*

Mike Messner, EPA/OGWDW
(20 min + 10 min questions)

10:00 – 10:15 **Break**

10:15 – 11:00 New Information on *Cryptosporidium*
*Objective: Describing the different species and genotypes of *Cryptosporidium**

Ron Fayer, USDA
(30 min + 15 min questions)

- 11:00 – 11:45** *Objective: Present the importance of unusual Cryptosporidium species and genotypes in human cryptosporidiosis*
- Rachel Chalmers, *Cryptosporidium* Reference Unit for the UK Public Health Agencies
(30 min + 15 min questions)
- 11:45 – 1:00** **Lunch (on your own)**
- 1:00 – 1:30** *Cryptosporidium* molecular methods update
Objective: Provide an overview of the current status of molecular based methods for Cryptosporidium detection and national monitoring implications
- Eric Villegas, EPA/ORD
(20 min + 10 min questions)
- 1:30 – 2:00** LT2 Round 1 *Cryptosporidium* Matrix Spike Recovery
Objective: Summarize Round 1 Cryptosporidium recovery data and compare with LT2 projections
- Mike Messner, EPA/OGWDW
(20 min + 10 min questions)
- 2:00 -3:00** Method 1623 improvements
Objective: Discuss EPA study on Cryptosporidium method improvements.
- Carrie Miller, EPA/OGWDW
(40 min + 20 min questions)
- 3:00 – 3:15** **Break**
- 3:15 – 4:45** **Questions and Discussion**
- *How can Round 2 monitoring be improved based on experience with Round 1 monitoring?*
 - *What are your comments and questions regarding the potential use of a more accurate method?*
 - *What are your thoughts on the use of a more accurate method for LT2's second Round of monitoring?*
- 4:45 – 5:00** **Wrap up/Next Steps**
- 5:00** **Adjourn**