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

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 $(20 \min + 10 \min \text{ questions})$

10:00 - 10:15**Break**

10:15 - 11:00New Information on Cryptosporidium

Objective: Describing the different species and genotypes of Cryptosporidium

Ron Fayer, USDA

 $(30 \min + 15 \min \text{ questions})$

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

 $(30 \min + 15 \min \text{ questions})$

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