

**Additional information for submission of Cryptosporidium and turbidity data:**

- 1) These results cannot be submitted via E2 and must be submitted on form LT2-1 (BSDW-200).
- 2) In addition to completing the BSDW submission form, the Method 1623/1623.1\* or Method 1622 bench sheet for each of the field and matrix spike samples must be attached to the submission forms. The bench sheets can be found on our Division of Water Supply and Geoscience website at <http://nj.gov/dep/watersupply/>.
- 3) New Jersey Cryptosporidium data must include the lot number of the 1.0 N NaOH and 0.1 N HCL certified standards. These lot numbers can be entered in the comment section of the bench sheet.
- 4) The bolded fields below include an explanation of the information that needs to be provided:

**Analyst (micro exam):** Various analysts may be involved in the analysis of the sample. Enter name of the analyst that performed the microscopic exam on the sample.

**Date/Time of Sample Collection (Start):** The date and time (military time) at which either the collection of a bulk water sample or the filtration of the sample in the field is initiated.

**Date/Time of Sample Collection (Stop):** The date and time (military) at which either the collection of a bulk water sample or the filtration of the sample in the field is completed.

**Analysis Start: Date \_\_\_\_\_ Time \_\_\_\_\_**

The start of analysis is considered the beginning of the elution step (within 96 hours of sample collection or laboratory filtration of the sample).

**Analysis Stop: Date \_\_\_\_\_ Time \_\_\_\_\_**

The stop time is considered the completion of the examination of the slide.

**Sample collected as:**

**\_\_\_\_\_ Bulk Water Sample OR \_\_\_\_\_ Filtered Water Sample OR \_\_\_\_\_ Both**

A matrix spike sample may be collected partially as a filtered water sample in the field.

- 5) The volume assayed in most cases will be the volume filtered. Where partial samples are analyzed (Section 13.2.3.2 of EPA 1623.1 and Section 13.2.4.2 of EPA 1622 and 1623), the volume assayed is the volume filtered multiplied by the percent examined. The percent examined is the percent of the concentrate examined and is determined from the information entered in the "Concentration, IMS, and Slide Preparation" section of the bench sheet .

$$\text{Percent examined} = \frac{\text{Volume of resuspended concentrate transferred to IMS (ml)}}{\text{Volume of resuspended concentrate (ml)}} \times 100\%$$

- 6) Turbidity must be measured using an approved method. These methods are found in 40 CFR 141.74(a)(1) and Subpart C Appendix A, Alternative Testing Methods for Contaminants Listed at 40 CFR 141.74(a)(1).

\*The EPA 1623 /1623.1 bench sheet can also be found in the EPA Supplement 2 to the Fifth Edition of the Manual for the Certification of Laboratories Analyzing Drinking Water in Appendix VII-73. This online document is at <http://water.epa.gov/scitech/drinkingwater/labcert/upload/epa815f12006.pdf>