

Laboratory Services Lebanon, New Hampshire Plattsburgh, New York Williston, Vermont www.endynelabs.com

# CYANIDE by EPA 335.4

## **SAMPLING INSTRUCTIONS**

Refer to your Water System Sampling Plan for the correct location to collect the sample.

#### The presence of Chlorine in the sample bottle will invalidate the results. Be sure to follow directions carefully and use proper bottles

Shipping & Handling: Samples must be kept at less than 6°C (on ice) from time of collection until delivery at the lab Maximum holding time is 14 days

### CHLORINATED WATER SYSTEMS

Sampling MaterialsBottle 1: 500ml plastic bottle containing de-chlorinating agent<br/>Bottle 2: 250ml plastic bottle containing Sodium Hydroxide

-First, slowly fill the **Bottle 1** (containing ~60mg Sodium Thiosulfate crystals to neutralize chlorine). Carefully swirl bottle until the crystals dissolve.

- Use the water in Bottle 1 to fill Bottle 2 containing 2.0mls Sodium Hydroxide solution.

- Leave some water in Bottle 1. Bottle 1 is used to screen for residual chlorine which will ensure chlorine does not interfere in the analysis.

- **Return Both Bottles** to the Laboratory.

#### **NON-CHLORINATED WATER SYSTEMS**

Sampling Materials

1 - 250ml plastic bottle containing Sodium Hydroxide 1 - 40ml Glass bottle

- Fill both bottles to the neck with sample water.

- 250ml Bottle contains to 2.0mls of **Sodium Hydroxide** solution. Care should be taken not to rinse it out. Fill bottle to the bottom of the neck of the bottle and cap.

- 40ml Bottle has no preservative. This bottle is used to screen for Total Chlorine, to ensure chlorine does not interfere in the analysis.

