



## Nitrate (NO<sub>3</sub>) and Nitrite (NO<sub>2</sub>) Sampling Instructions

### Nitrate and Nitrite Sampling Kit Includes:

- One Box/Cooler
- Plastic bag for ice, chain of custody form, sampling instructions
- 1 X 8 oz plastic bottle pre-preserved with sulfuric acid (H<sub>2</sub>SO<sub>4</sub>)
- 1 X 8 oz plastic bottle unpreserved

### Nitrate and Nitrite Sampling Kit:



### Collecting the Sample:

1. Make sure all contents of the kit are present and that none of the bottles are broken.
2. Fill each bottle to just below the threads without overflowing and causing the preservative to be lost.
  - a. The 8 oz plastic bottle pre-preserved with sulfuric acid (H<sub>2</sub>SO<sub>4</sub>) is for nitrate analysis.
  - b. The 8 oz plastic bottle unpreserved is for nitrite analysis.
3. Fill out the chain of custody form.
4. Fill the plastic bag for ice with ice cubes and place over the packed bottles and vials in the cooler.
  - a. Samples must be preserved on ice and kept at a temperature of approximately 4° Celsius.

5. **Due to a 48 hour sample hold time, please arrange to collect these samples on the same day as a scheduled pickup.**
  - a. **If you ship the nitrate and nitrite sample bottles to Suburban Laboratories, please ship for overnight delivery.**

If you have any questions regarding sampling, please call Suburban Laboratories at (708) 544-3260. If you have any questions regarding nitrates and nitrites in drinking water, including the interpretations of results and what to do if a result is detected; please call the United States Environmental Protection Agency's Safe Drinking Water Hotline at (800) 426-4791.

