

Collecting Water Metals

Bottle Requirements

500 mL plastic bottle preserved with HNO₃ (nitric acid)



Metals



Sampling Location

The location code that is identified on the water system **Sampling Plan**.

Sampling Instructions

Take caution with the preservative

– *Nitric acid is caustic.*

1. Flush through the sampling point until main distribution water is coming through the sampling point (2-3 minutes).
2. Reduce the sample stream and take and record the free residual chlorine as applicable on the COC.
3. Fill the bottles for the analysis to their shoulder. Cap and mix the samples.
4. Label the sample bottles and fill out the COC.
5. All samples must be placed on ice. If received next day the samples must be less than 6°C. If possible, deliver to the lab the same day that they are taken.

Note: 28 days holding time for metals, except for lead and coppers that are compliance samples.

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