

## Collecting BTEX/TPH

### Bottle Requirements

- 4 clear 1 L glass HCl Bottles
- 4 amber 40 mL HCl Vials

## Collecting

### Methane/Ethane & Ethene Samples

- 4 amber 40 mL HCl Bottles

### Sampling Instructions

*Take caution with the preservative – hydrochloric 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 flow of water to the thickness of a pencil.
3. Fill the 4 clear 1 Liter bottles for TPH DRO to the top. Cap and mix the samples.
4. BTEX/TPH GRO; fill the vials until a reverse meniscus forms at the top (*see photo on the right*) but do not over flow. Cap and turn the bottle upside down and tap to ensure that there are ***no air bubbles*** present. If air is observed, uncap the vial and add a little sample until there is no air present in the sample.
5. Methane/Ethane samples fill the vials until the sample is even with the top of the vial. Cap and turn the bottle upside down and tap to ensure that there are ***no air bubbles*** present. If air is observed, uncap the vial and add only enough additional sample volume to ensure that there is no air present in the sample. (**Do Not Overfill**).
6. The lab will not accept samples if air is present.
7. Label the sample bottles and fill out the COC.
8. 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.



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*Note: Holding time is 7 days for TPH, & 14 days for BTEX & Methane/Ethane.*