



Northern Lake Service Inc.

ENVIRONMENTAL ANALYTICAL LABORATORY

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Chlorinated Public Water Supply Volatile Organic Chemical (VOC) Sample Collection

Contents of Sampling Kit:

- 2 x 40 mL clear glass vials with ascorbic acid preservative
- 2 x mini vials with dilute HCl for sample preservation

Sample Collection:

1. Collect from the faucet that has been identified in your DNR site plan as the entry point for your system. This point is identified as being the first faucet that exists after any treatment the water receives before entering the distribution system.
2. Remove faucet aerator if present. Allow the water to run until it gets as cold as it will get. Do not flame the faucet before taking a volatile organics sample. Adjust the flow of the water to a slow gentle stream.
3. Fill the 40 mL vials half way up with your water. Carefully add the HCl from the mini vials to the sample containers. Continue to fill each sample container so that the water comes up just before it would overflow.
4. Replace the cap of the sampling container gently. When the vial is inverted there should be no visible air pockets or bubbles in the vials. (This condition is known as zero headspace.)