

### Sample Kit Contents:

- One 40 mL vial labeled: 'Field Blank' and dated.  
The Field Blank serves as an indicator of contamination, which may occur during sample transport or storage. Therefore, this vial **must not be opened** and must always travel with the samples.
- Two 40 mL vials for each source to be sampled.  
These vials each contain 25 mg of ascorbic acid that **must not** be rinsed out during sample collection.
- Two 2 mL Red Capped vials containing inserts filled with 2 drops of 1:1 HCl (**CAUTION: HCl is Corrosive.**)
- Water Sample Information Form for each source to be collected.

Field Blank  
1 ea



VOC  
2 each



### Sample Collection:

- All samples should be collected after treatment and before the distribution system (representative of the overall source)
- Use the same collection point each time you sample.
- Remove any potentially contaminating devices such as filters, screens, aerators, hoses, etc. from sampling points.
- Open the tap and allow water to run, at least 3 minutes, until it reaches a constant temperature.
- Reduce flow to a thin steady stream about the thickness of a pencil.

**\* DO NOT LET THE VIALS TOUCH THE FAUCET OR SPIGOT AS THE SAMPLE MAY BECOME CONTAMINATED\***

- Fill the 2 - 40mL vials from each source one immediately after the other. Avoid agitation of the sample while filling.
- Allow the stream of water to gently flow into the vial just to overflowing, do not rinse out the ascorbic acid. see below (a)
- After filling, empty the insert of one red-capped 2mL vial into each 40 mL vial. see below (b)

**\* DO NOT put red capped vial into the VOC vial. Your sample should look like the field blank.**

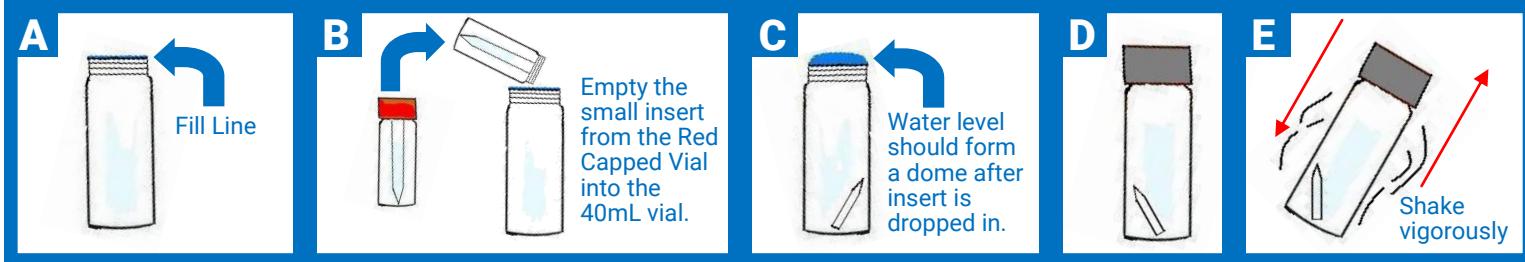
- If necessary gently add more water so that sample vial looks like illustration (c)

**\* DO NOT TOUCH or otherwise contaminate the inside lid or the lip of the vials/bottles during sampling.**

- Carefully place the cap onto the 40mL vial. The shiny side of the Teflon cap liner should be face down in contact with the water sample. Tighten down the cap securely. see below (d)

**IMPORTANT: Check for trapped air by inverting the vial and looking to see if any air bubbles are present. If air bubbles are present, gently add more water and repeat step 9. The lab will REJECT VOC samples if there are air bubbles in the VOC Container which will result in re-sampling.**

- When you are sure vial is properly filled, shake vigorously. see below (e)
- Label each 40mL vial with DOH source number and your name for that source.



### Shipping Instructions:

- Hold Time: 14 Days
- Ship samples to: **Edge Analytical, 1620 S. Walnut St., Burlington, WA 98233** or drop off at any Edge Lab.
- Make sure paperwork is properly filled out and **placed in a plastic bag** to protect it from being damaged.
- Place the red-capped 2 mL vials back into the container
- Ship "Next Day Air" / **Do Not ship samples on Thursday or Friday**

**To Keep Samples Cold: Place samples in cooler(s) with enough ice to keep cold until arrival at Edge.**

- Samples must arrive at 4°C, +/- 2°**
- Cubed ice is best for keeping samples properly cold.**
- To prevent leaking, double bag the ice.**