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## UCMR2 List 1 & 2

### GENERAL SAMPLE INSTRUCTIONS

1. If water taps are to be used for sampling, all aerators, strainers and hose attachments need to be removed. Open the tap and allow the system to flush for about ten minutes or until the water temperature has stabilized. Adjust the flow to about the thickness of a pencil. Collect the sample directly from a tap and not through any plastic or rubber hoses or tubing. Position the container under the tap and collect the sample from the flowing stream.
2. Every bottle has some kind of chemical preservative in it. Do not dump out this preservative or overfill the bottle. Be careful not to touch or otherwise contaminate the inside of the lid or the lip of the bottle during sampling.
3. All samples need to be kept **cold**. If the samples are to be held for a day or longer prior to shipping, place the bottles in a refrigerator. Samples should be sent to Edge same day or sent the next day after sampling. Once samples are ready to be shipped, add double bagged crushed ice to the cooler to keep samples below 10°C. Insert the completed sample information form (WSI) into a plastic bag and place in cooler. To insure samples arrive on time, ship Monday through Thursday NEXT DAY services.

**Return**  
**samples to ►**

**Edge Analytical**  
**1620 S. Walnut St**  
**Burlington, WA 98233**

### COLLECTION POINT & SAMPLING

Samples must be collected in the proper number, at the appropriate time and location, and of the proper volume in order to satisfy the requirements of the Compliance and UCMR monitoring. Samples must be collected at the same sampling point each cycle, unless conditions make another sampling point more representative

#### **List 1 Method 527 & 529**

- Assessment Monitoring (List 1) samples are collected at the entry points to the distribution systems (EPTDSs). PWSs may collect “raw source water” samples only in those instances where groundwater enters the distribution systems untreated at the EPTDS.
- Collect   3   one-liter bottle(s) at each collection point for method 527.
- Collect   3   one-liter bottle(s) at each collection point for method 529.

#### **List 2 Method 525.2, 535 & 521**

- Screening Survey (List 2) samples are collected at the entry points to the distribution systems (EPTDSs) for all List 2 contaminants. For those systems that utilize chemical disinfection, additional samples must be collected for nitrosamines (EPA Method 521.0) at the distribution system maximum residence time (DSMRT) sampling point, associated with each plant/water source.
- Collect   3   one-liter bottle(s) at each collection point for method 525.2  
**IMPORTANT: The 525.2 1L bottles contain dry preservative (sodium sulfite) as a dechlorinating agent. After the bottle is filled cap and invert to dissolve the sodium sulfite. Next add 5mls (complete contents of vial labeled “CAUTION! Hydrochloric Acid” to reduce the pH to less than 2. Gloves are provided. Cap and return the acid vial to the plastic container and place in the cooler for return.**
- Collect   3   500ml bottle(s) at each collection point for method 535.
- Collect   3   500ml bottle(s) at each collection point for method 521(nitrosamines).
  - **IMPORTANT:** For those systems that utilize chemical disinfectants must Collect   3   additional 500ml bottle(s) at the distribution system maximum residence time sampling point, associated with each plant/water source for method 521(nitrosamines).