

## δD WATER PROCEDURE

### EQUIPMENT:

20 mL plastic scintillation vial  
Plastic cap with poly-seal cone liner  
60mL syringe  
25mm syringe filter holder  
25mm GF/F filter  
Van Dorn  
2 L plastic bottle

1. Collect water from the Surface, Meta, and Hypo using Van dorn and pour into plastic bottle.
2. Rinse syringe three times with sample water
3. Fill syringe again and attach filter holder with a filter
4. Rinse sample vial with a small amount of filtered water
5. Filter water into serum bottle. Fill as full as possible.
6. Tap sides of vial to remove any bubbles.
7. Carefully place a cap onto the vial and seal tightly.
8. The goal is to have as few bubbles in the bottle as possible. If there are too many bubbles, remove the cap and try again.
9. Store samples in fridge when you return to the lab. Make sure they are well labeled.