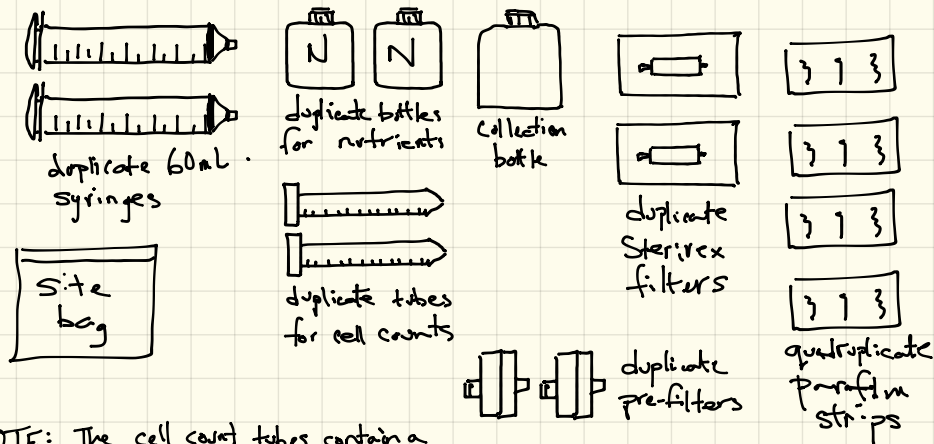


Materials

Each Yeti will contain

1. enough supplies for six samples + an extra in case of mistakes.
2. gloves
3. a HOBO temperature logger

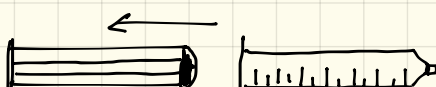
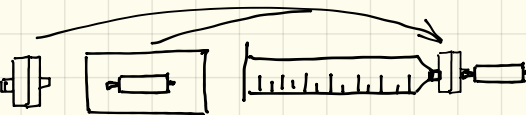
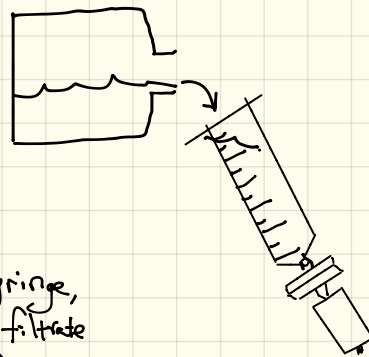
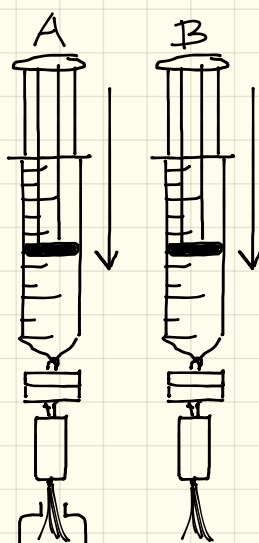
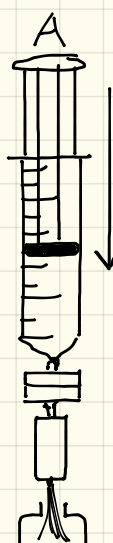
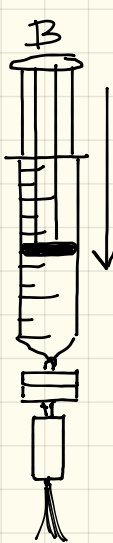
One Sample requires:



NOTE: The cell count tubes contain a small amount of formaldehyde. Do not spill and avoid inhaling fumes from the bottles.

Filtering Protocol (w/ gloves)

1. Fill 150 mL collection bottle w/ river water

2. Unpack syringe and remove plunger

3. Unpack Sterivex filter and pre-filter and attach to syringe

4. Pour 60 mL water from collection bottle into syringe

5. Open a nutrient bottle and place under the filter unit

6. Insert plunger into syringe, depress fully, keeping filtrate in nutrient bottle (A)

7. Cap nutrient bottle, put in site bag in Yeti

8. Remove Sterivex/pre-filter unit

9. Remove plunger

10. Replace Sterivex/pre-filter unit

11. Re-fill syringe with 60 mL water

12. Replace plunger and filter, without collection (B)

13. Wrap Sterivex and pre-filter in parafilm, put in site bag in Yeti

14. Repeat from 1. for duplicate sample


Cell count protocol (w/ gloves)

1. Fill 150ml collection bottle with river water
2. Pour into cell count tube
3. Cap and place in site bag in Yeti
4. Repeat for duplicate bottle

