WATER MONITORING PROCEDURE

FIELD

SAMPLE COLLECTION

1. Temperature
2. Secchi
3. 2 LITER WATER SAMPLE

4. CYANOTOXIN SAMPLE

4X

LAB

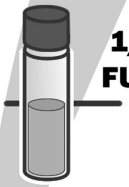
SAMPLE PROCESSING

1 **1 CYANONTOXIN VIAL**
Write info on bottle with Sharpie
Record bottle # on Data Sheet

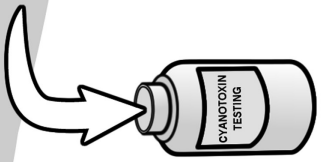
2 **1 NUTRIENT BOTTLE**
WRITE INFO ON BOTTLE WITH SHARPIE
Record bottle # on Data Sheet

3 **2 TSS FILTERS (500 mL)**

FILL TO SHOULDER



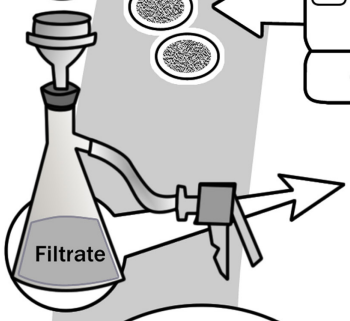
1/2 FULL



PUT VIAL IN BOTTLE
FREEZE BOTTLE ON SIDE

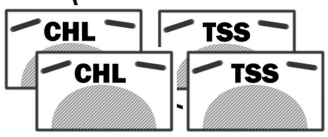
4 **2 CHL FILTERS (250 mL)**

Filtrate

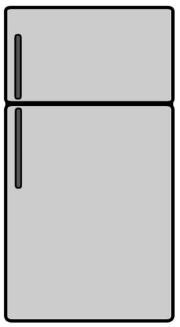


5 **1 Nitrate**
6 **1 Ammonium**
Write info on bottle with Sharpie
Record bottle # on Data Sheet

Record info on filter house with pencil
Record filter #'s on Data Sheet
FOLDING INSTRUCTIONS ON FIELD SHEET

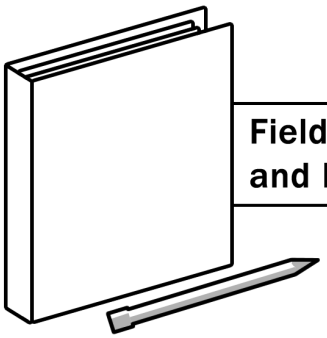


PLACE IN FREEZER



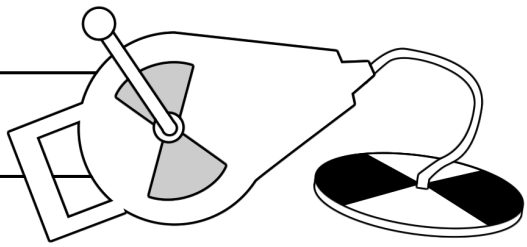
(ENSURE LOOSE DESICCANT IS INSIDE CONTAINER)

FIELD GEAR



Field Notebook and Pencil

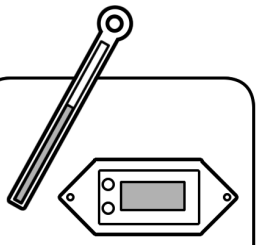
Secchi Disk and Tape Reel



500 ml Composite Container

2 liter Sample Bottle

Cyanotoxin Sampling Tube

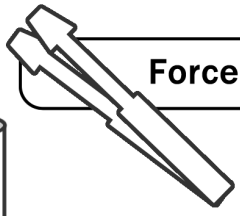


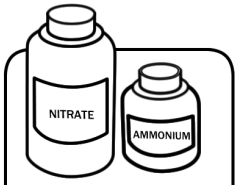
Thermometer or Fish Hawk

LAB GEAR

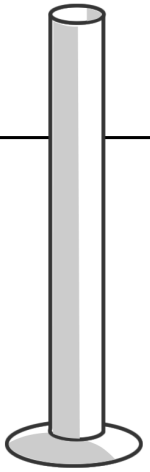
Nutrient Bottle

Forceps





Nitrate and Ammonium Bottles

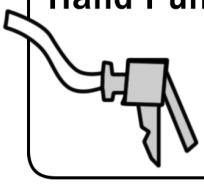


Graduated Cylinder
(2 sizes, 500 ml and 250 ml)

Filter Funnel

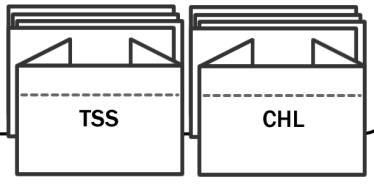
Receiving Flask

Hand Pump

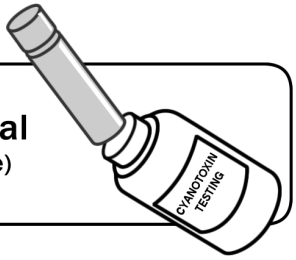


Filter Assembly

TSS and CHL Filters



Cyanotoxin Vial
(and storage bottle)



Desiccant Container