

# Data Collection "Cheat Sheet"

## 2023 AACC Sampling

### Go to your sampling sites!

#### STEP 01

##### Rhode River

- Overhill (OP)
- Carrs Wharf (CW)
- RO3

##### Severn River

- Lindamoor Pier (LP)
- Oyster Harbor (OH)

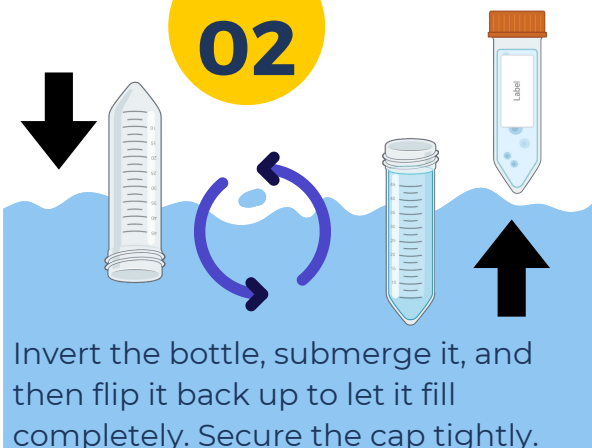
##### Back Creek

- BCC1
- BCC5

##### Spa Creek

- Headwaters (HW)
- Hawkins Cove (HC)
- SUP
- Eastport Yacht Club (EYC)

#### STEP 02



### Take your sample(s) and label.

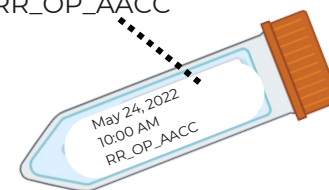
Depending on how often you go to each station, make sure that you take enough of a water sample for validation purposes at least once/month.

#### Label your bottle.

Date, time, and your unique station name should be on the bottle.

Unique station naming protocol:  
**the initials of the body of water**\_  
**unique identifier for your location**\_  
**AACC**  
 ex: RR\_OP\_AACC

May 24, 2022  
 10:00 AM  
 RR\_OP\_AACC



#### STEP 03

### Read the sample in lab and head to Fieldscope!

Here's the list of the type of data you should have for each station:

##### Rhode River

- HydroColor (if possible)
- AquaFluor
- Bacterial data

##### Severn River

- Turbidimeter
- Validation (IVCHL and CDOM)

##### Back Creek

- AquaFluor
- Turbidimeter

##### Spa Creek

- Bacterial data
- Validation (CDOM)

# Volunteers Needed!

The Smithsonian Environmental Research Center is looking for help to optimize NASA's satellite water quality algorithms.

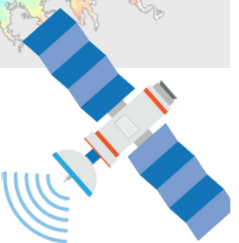
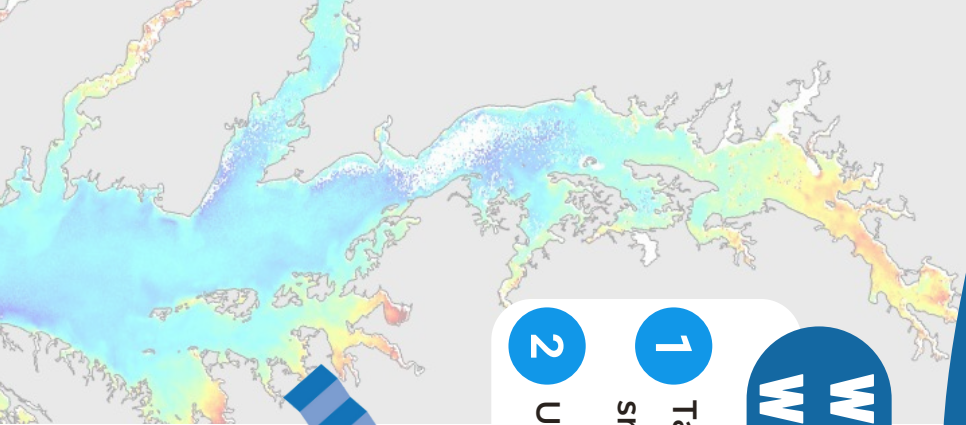


## WHAT YOU WILL DO:

- 1 Take pictures on your smartphone with a free app
- 2 Upload the data

## WHAT YOU NEED:

- Smartphone
- Access 100ft from shore
- A desire to protect the Chesapeake Bay!



**WANT TO GET INVOLVED? FIND US AT [SERC.SI.EDU](http://SERC.SI.EDU) OR SCAN THE QR CODE!**



**CHESAPEAKE WATER WATCH**



Smithsonian Environmental Research Center



Partner

**MORE INFORMATION**

[serc.si.edu](http://serc.si.edu)

[brownsh@si.edu](mailto:brownsh@si.edu)

