**Benchmark#9: Eco-Bottle Entry#3**

**Take-Down**

**Goal**: 1-3 page write-up of observations with a focus on what has changed from the beginning. Include a picture for reference.

**🞎 Observations**

🞎What has surprised you?

🞎 Is anything not working out as you planned?

🞎 Is anything working better than expected?

🞎 What would you do differently if you were to repeat this experiment?

Set-Up

Species

Organization

Preparation

**🞎 Species**

Focus on what you would change and why:

🞎 Are they thriving?

🞎 Can you observe any interactions between and among species?

**🞎 Process to set up**

🞎 Struggles

🞎 Pros/Cons

**🞎 Materials**

Focus on what you would change and why:

🞎 Number of organisms added

🞎 Supplies you used

🞎 How you rigged things up

**🞎 Methods of set up**

🞎 How did you position things and why?

* What effect did this have on the success of the experment?
* What would you change and why?

**🞎 Chemistry/water test results**

🞎 **Measures**: pH, Nitrate, Nitrate, Carbonate, General Hardness and Temperature (c˚)

🞎 **Changes** to chemistry results and hypothesis of cause

🞎 Do your chemistry results **still** fit the research for your species?

🞎 What changes would this cause you to make if you re-did the experiment?