Algal Care Protocol

*\*\* Algal culture media is replenished once a week. \*\**

*\*\* Take care to only use materials labelled for use with copepods \*\**

**Prepare Media**

* Put on gloves and wipe down bench space and gloves with 70% ETOH
* Autoclaved beakers are left on the autoclave bench in room 324
* Prepare 32ppt sea water in each of the three beakers
* Add 2mL F/2A and 2mL F/2B to each beaker\*
* Label one beaker with TW
* Add 2mL of silicate solution to TW beaker\*
* Set media to the side

\*Solutions kept underneath the algal cultures in room 324

**Replacing Media**

*\*\*Replace media in one culture at a time, taking care to replace gloves and ethanol bench in between each culture\*\**

* Get three plastic pitchers from room 106
  + Make sure pitchers are clean and dry to prevent cross contamination
* Remove 2L from algal culture using siphon located above the culture\*
  + Carefully pour first liter of algae down the sink drain
* Set second liter of algae aside to feed to copepods
* Unscrew lid of algal culture and fill with one beaker of media
* Close lid of algal culture and rinse beaker with RO
* Place beaker on the floor next to media solutions
* Use 70% ETOH to wipe down bench
* Get a fresh pair of gloves and rinse with ETOH before moving on to next culture

\*If siphon is not working, use green auto pipette and disposable 50mL pipettes (make sure to use a new pipette for each algae you collect!)