**Cape sea urchin (*Parechinus angulosus*) experiment cleaning routine**

This system requires cleaning 1-2 times per week. Please indicate when cleaning has taken place using the sign sheet provided.

1. Siphon waste and sediment matter from the bottom of each tank:

* Remove the mesh urchin basket from the black plastic bin.
* Place the mesh urchin basket in one of the clear plastic bins while siphoning.
* Where possible, gently transfer urchins attached to the sides of the mesh basket to the bottom of the mesh basket (to prevent them from falling).
* The baskets and aeration and waterflow pipes are color coded using cable ties (red – formulated, blue – mixed, yellow – kelp, green – ulva).
* **After siphoning, PLEASE return the urchin basket to the SAME black plastic tank it was removed from!**
* Ensure that both aeration and waterflow pipes (2) are securely placed back into the tank (waterflow underneath the mesh basket, aeration inside the mesh basket).

1. Clean waterflow pipes:

* Switch the system off by switching BOTH plugs off.
* Turn water off.
* GENTLY push a piece of wire through the waterflow pipes, trying to clear any sediment build up in the pipes.
* When done, turn waterflow back on and switch both plugs back on.

As a final check, once all cleaning tasks have been completed, PLEASE doublecheck that EACH TANK has both **aeration and waterflow pipes** and that the **heater** and **required plugs** are switched on.