Tegula funebralis v. Predator Assay set-up:

Trial number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Volunteers? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Take YSI readings from bins ~**1 hour before assay** \_\_\_\_\_\_\_\_\_\_
2. Take 2L of SW from the bin ~**15 min before assay** and put in three pre-selected assay bins \_\_\_\_\_\_\_\_\_\_
3. Add tegula to pre-selected assay bin ~**10 min before assay** \_\_\_\_\_\_\_\_\_\_\_
4. Take cue SW and distribute in 7 round bins to alter carb chemistry **~10 mins before assay** \_\_\_\_\_\_\_\_\_
   1. Cue SW is created **3.5 hours prior** by adding two predators to a 5-gal bucket with a bubbler (2 times for each trial); i.e. need 4 predators and 2 buckets per trial. Remove predators **~30 min prior to trial** for a total of 3 hours collecting \_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_
   2. To alter cue SW, add the follow mL of 1M HCl and 1M NaHCO3 to \_\_\_\_\_\_\_ L of SW; ***Mix Well***
      1. L1:
      2. L2:
      3. L3:
      4. L4:
      5. L5:
      6. L6:
      7. L7: 0 mL
5. Partition 2L of “cue treatment” into a round bin and place in front of pre-selected assay bin
6. To start trial:

Person A: Watching clock and looking at datasheet, also replacing tegula with no cue

Person B: Pouring “cue treatment” into assay bin and replacing tegula to center point

* 1. At **6 second mark**, person A will tell person B which assay bin to pour
  2. At **8 second mark**, person B will begin pouring “cue treatment” which person A tell them which hand to use to replace tegula; *we don’t want to introduce cue to no cue treatment, thus* ***left*** *hand will be used for pisaster and* ***right*** *hand will be used for cancer crab*
  3. With 21 assay bins to pour and place, this will take 210 seconds (3.5 minutes)

1. At the **4-minute mark**:

Person A: recording in/out on datasheet

Person B: watching clock and taking a photo of each bin

* 1. Record position of tegula on datasheet and also take a photo; if tegula is at the waterline but not **fully out**, consider it **in** and mark with an **\***. Repeat with each tank **every 10 seconds**.
  2. Trial will have 8 rounds of photos for a total of 35 MIN (30-min timestamp for each tank).