WORKPLAN

12 pm Thursday

Room Temp = 52 F / 12 C approx.

Experiment gear collected in cold room

5 Small plastic tubs for experiments

4 Tubs Experiments

1 Tub control

Anesthetization Treatment as follows

Animals dessicated for 45 minutes while mix MgSO4 treatment with 50/50 Sea Water/Freshwater

85 g/L MgSO4 X 19 L Sea Water = 1615 g needed or 3.2 lbs MgSO4

85 g/L MgSO4 X 9.5 L Sea Water = 807.5 g needed or 1.6 lbs MgSO4

\*85 g/L MgSO4 X 5 L Sea Water = 425 g needed or 0.825 lbs MgSO4

Animals get 2.3 L per treatment

Animals exposed for 60 minutes

Removed from treatment and placed in fresh sea water at room temp

Tub 1 = Syringe with 27 gauge needle to wash out sea water

Tub 2 = Syringe without needle to wash out with sea water

Tub 3 = Water dumped over oysters in tube with filter screen

Tub 4 = Control (MgSO4, No Handling)

Tub 5 = Control (No MgSO4, moderate handling)

Animals replaced in group holding tank and fed regularly to monitor for mortality for 2 weeks.

Ziptie Color Code for Experiment

C- Pink

C+ Orange

Filter Yellow

Syringe W/Needle Green

Syringe W/O Light Blue

Several oysters gaped very wide and appeared to be dead after treatment. They were kept with their cohort and are in the main holding tank. Will determine in 24 hours if they are dead.