

NOTES for KB Sampling

Date/approximate time out on water:

11/6/07

10:00-11:15

Who?

Pat Drupp , Didier Dumas, and Kristen Fogaren

Purpose:

YSI Profiles, Nutrient Samples and TA/DIC storm response

Locations:

In order:

SB Buoy – 10:00 – NUTS, YSI

D Buoy – 10:13 – NUTS, YSI

E Buoy – 10:22 – NUTS, YSI

JD6 – 10:27 – NUTS, YSI

JD5 – 10:31 – NUTS, YSI

JD4 – 10:35 – NUTS, YSI

KS – 10:38 – NUTS, YSI

CO2 Buoy – 10:50 – NUTS, YSI, DIC, TA

LC – 11:02 – NUTS, YSI

Conditions:

Glassy conditions, no breeze at beginning, no chop, partly sunny, water was full of debris esp. at SB, CO₂ and KS

Notes:

Used YSI 6600 AF, high productivity occurring at CRIMP buoy, greenish water, bloom of biofouling, corresponds with CRIMP CO₂/O₂ data

Materials:

YSI 6600AF

45' profiling cable

Data logger

10 x 1 liter plastic bottles for nutrient sampling

2 x 300 ml glad bottles for alkalinity sampling

Turkey baster

Kim wipes

Phillips and allen head screw drivers

100 ul Eppendorf pipette

Tape

Sharpie pen

100 ul pipette tips

Thick rubber bands

Glass bottle clamps

Vacuum grease

Gloves

Mercury Chloride