

Sediment Trap Samples

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1.1 Trap Retrieval

1. Use stage hook to retrieve rope holding marker buoy to suspension buoy.
2. Clip winch line quick link to cable below suspension buoy.
3. Winch the sediment trap upward until the tops of the Plexiglas traps are well above wave height.
4. Remove Plexiglas sediment traps from holders.

1.2 Sediment Retrieval

1. Put on powderless Nitrile gloves.
2. Label cubitainer with site id, date, time, and sample designation code.
3. Gently pour supernatant in Plexiglas trap until approximately 5 parts of water remain relative to the 1 part of sediment.
4. Slurry the sediment with the remaining water and pour into a clean 2 liter cubitainer.
5. Add 50 mL of water to the Plexiglas trap to slurry remaining sediment into cubitainer.

1.3 Sediment Storage

1. Place cubitainer with sediment in cooler with ice while on boat
2. In laboratory, store sediment in freezer (should specify temperature)

1.4 Trap Re-Deployment

1. Rinse Plexiglas traps with lake water.
2. Scrub Plexiglas traps with toilet brush to remove scaling or scum.
3. Rinse again with lake water.
4. Place Plexiglas traps in holders.
5. Lower trap into water using winch.