| **Site ID** | **14CTB-17** | | |
|---|---|---|---|
| Field Crew | Julie Bernier, Alisha Ellis, Scott Adams | | |
| Date | 3/27/14 --- JD 086 | | |
| Arrival Time | 15:39 EDT | Departure Time | 15:50 EDT |
| Latitude | N 38.15185 | Longitude | W 075.17361 |
| Water Depth (m) | --- | | |
| Handheld GPS used | Garmin GPSmap 76S | GPS Waypoint | 013 |
| YSI | --- | Camera | Nikon AW100 |
| | | | |
| **Sample Type/Sample** | **X, Measure, Time** | **Sample Type/Sample** | **X, Measure, Time** |
| ***DGPS Positioning*** | | | |
| GPS Session ID | E213 | | |
| Occupation Time (min) | 5 min | | |
| | | | |
| ***Surface/Grab*** | | ***Sand Gouge Core:*** | |
| Pentrometer (marsh sites only) | --- | Barrel Length (cm) | 65 cm |
| Shear Strength (marsh sites only) | --- | ITGODS (bottom of weld ≈ top of barrel) (cm) | full penetration |
| Forams (preserved, x2) | √ | Recovered Core Length (cm) | 36 cm |
| Grain Size | √ | Core Catcher Used? | No |
| Stable Isotopes/Metals | √ | Distance from GPS | 73 cm |
| Distance from GPS | 150 cm | Azimuth from GPS | E 090° |
| Azimuth from GPS | S 170° | | |
| | | | |
| ***Marsh Push Core*** | | ***Water Quality Parameters*** | |
| Pentrometer | | Water Type (Estuary, Marsh, Standing, Marsh Backfill) | |
| Shear Strength (kg/cm$^2$) | | Temperature (°C) | |
| Vegetation Type | | Barometric Pressure | |
| Barrel Length (cm) | | Dissolved Oxygen (DO) (%) | |
| In-the-Ground Inside Depth to Surface | | DO (mg/L) | |
| (ITGIDS) (cm) | | Specific Conductance (mS/cm) | |
| In-the-Ground Outside Depth to Surface | | Salinity | |
| (ITGODS) (cm) | | pH (-) | |
| Recovered Core Length (cm) | | ORP (mV) | |
| Distance from GPS | | | |
| Azimuth from GPS | | | |
| | | | |
| ***Marsh Auger Core*** | | ***Radium Sampling*** | |
| Number of Sections | | Start Time | |
| Total Core Length (cm) | | Stop Time | |
| Distance from GPS | | Total Volume | |
| Azimuth from GPS | | Approximate Flow Rate | |
| | | | |
| ***Notes*** | | | |
| Overwash fan with some low/scrub vegetation | | | |
| | | | |
| ***Photos*** | | | |
| DSCN0881.JPG to DSCN0884.JPG --- N → E → S → W from site | | | |
| DSCN0885.JPG --- zoom photo of dormant site vegetation | | | |