Site ID	**14CTB-07**		
Field Crew	Julie Bernier, Alisha Ellis, Scott Adams, Nick Nidzieko		
Date	4/2/14 --- JD 092		
Arrival Time	14:50 EDT	Departure Time	15:03 EDT
Latitude	N 38.10370	Longitude	W 075.20866
Water Depth (m)	5 cm		
Handheld GPS used	Garmin GPSmap 76S	GPS Waypoint	049
YSI	Pro Plus	Camera	Nikon AW100
Sample Type/Sample	**X, Measure, Time**	**Sample Type/Sample**	**X, Measure, Time**
DGPS Positioning			
GPS Session ID	E649		
Occupation Time (min)	5 min		
Surface/Grab		***Sand Gouge Core:***	
Pentrometer (marsh sites only)	1.25	Barrel Length (cm)	
Shear Strength (marsh sites only)	1.25	ITGODS (bottom of weld ≈ top of barrel) (cm)	
Forams (preserved, x2)	√	Recovered Core Length (cm)	
Grain Size	√	Core Catcher Used?	
Stable Isotopes/Metals	√	Distance from GPS	
Distance from GPS	50 cm	Azimuth from GPS	
Azimuth from GPS	NE 060°		
Marsh Push Core		***Water Quality Parameters***	
Pentrometer		Water Type (Estuary, Marsh, Standing, Marsh Backfill)	Standing
Shear Strength (kg/cm^2)		Temperature (°C)	19.1°
Vegetation Type	Spartina sp?	Barometric Pressure (mmHg)	764.7
Barrel Length (cm)		Dissolved Oxygen (DO) (%)	112.6
In-the-Ground Inside Depth to Surface		DO (mg/L)	10.72
(ITGIDS) (cm)		Specific Conductance (mS/cm)	42.35
In-the-Ground Outside Depth to Surface		Salinity	27.24
(ITGODS) (cm)		pH/pH (mV)	7.87 / -81.4
Recovered Core Length (cm)		ORP (mV)	88.8
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

DSCN1012.JPG to DSCN1014.JPG --- N → E → S from site
DSCN1015.JPG --- ESE toward skiff from site
DSCN1016.JPG --- zoom photo of marsh vegetation (Spartina?)

Photos