Site ID	**14CTB-01**		
Field Crew	Julie Bernier, Scott Adams		
Date	4/2/14 --- JD 092		
Arrival Time	10:47 EDT	Departure Time	11:00 EDT
Latitude	N 38.01761	Longitude	W 075.27509
Water Depth (m)	1 - 2 cm		
Handheld GPS used	Garmin GPSmap 76S	GPS Waypoint	043
YSI	---	Camera	AW100
Sample Type/Sample	**X, Measure, Time**	**Sample Type/Sample**	**X, Measure, Time**
DGPS Positioning			
GPS Session ID	A643		
Occupation Time (min)	5 min		
Surface/Grab		***Sand Gouge Core:***	
Pentrometer (marsh sites only)	---	Barrel Length (cm)	
Shear Strength (marsh sites only)	---	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	25 cm	Azimuth from GPS	
Azimuth from GPS	W 280°		
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 (mmHg)	
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/pH (mV)	
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			
Forgot penetrometer and shear vane on boat; YSI on boat doing estuarine samples.			
Marsh edge facing bay is very "cliffy" to even undercut --- 0.5 m + drop off along this entire shoreline (could not get good contrast for photo			
Photos			
DSCN0992.JPG to DSCN0995.JPG --- N → E → S → W from site			
DSCN0996.JPG --- marsh edge along bay shoreline			
DSCN1000.JPG to DSCN1002.JPG --- hunting camp on island in bay			