Site ID	**14CTB-16**		
Field Crew	Julie Bernier, Alisha Ellis, Scott Adams		
Date	3/27/14 --- JD 086		
Arrival Time	15:58 EDT	Departure Time	16:15 EDT
Latitude	N 38.15235	Longitude	W 075.17607
Water Depth (m)	---		
Handheld GPS used	Garmin GPSmap 76S	GPS Waypoint	014
YSI	---	Camera	Nikon AW100
Sample Type/Sample	**X, Measure, Time**	**Sample Type/Sample**	**X, Measure, Time**
DGPS Positioning			
GPS Session ID	E214		
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)	10 cm
Forams (preserved, x2)	√	Recovered Core Length (cm)	16 cm
Grain Size	√	Core Catcher Used?	No
Stable Isotopes/Metals	√	Distance from GPS	113 cm
Distance from GPS	126 cm	Azimuth from GPS	W 280°
Azimuth from GPS	NE 040°		
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

marshy grass - sand auger ~ full penetration but only 16 cm sediment recovery

sand auger penetrated sand below organic-rich sediment at top of core

Photos

DSCN0886.JPG to DSCN0889.JPG --- N → E → S → W from site

DSCN0890.JPG --- zoom photo of dormant site vegetation