Site ID	**14CTB-12**		
Field Crew	Julie Bernier, Alisha Ellis, Scott Adams		
Date	3/27/14 --- JD 086		
Arrival Time	14:26 EDT	Departure Time	14:50 EDT
Latitude	N 38.13010	Longitude	W 075.18529
Water Depth (m)	5 cm		
Handheld GPS used	Garmin GPSmap 76S	GPS Waypoint	012
YSI	---	Camera	Nikon AW100
Sample Type/Sample	**X, Measure, Time**	**Sample Type/Sample**	**X, Measure, Time**
DGPS Positioning			
GPS Session ID	D212		
Occupation Time (min)	5 min		
Surface/Grab		***Sand Gouge Core:***	
Pentrometer (marsh sites only)	0.5	Barrel Length (cm)	
Shear Strength (marsh sites only)	1	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	175 cm	Azimuth from GPS	
Azimuth from GPS	SW 210°		
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			
Surface grab from back-barrier marsh near tidal inlet			
Penetrometer and shear vane failed in sediment with a few cm standing water, recorded values are from drier vegetated ground			
Photos			
DSCN0870.JPG to DSCN0871.JPG --- SW → W to tidal channel from site			
DSCN0873.JPG to DSCN0875.JPG --- ~ NW from site			
DSCN0873.JPG to DSCN0875.JPG --- "panorama" NE → SE → SW from site			
DSCN0876.JPG to DSCN0878.JPG --- zoom photo of dormant marsh grass (Spartina?)			
DSCN0879.JPG to DSCN0880.JPG --- windblown ice and snow on NW facing tree trunk SE from site			