Site ID	**14CTB-72**		
Field Crew	Julie Bernier, Scott Adams		
Date	4/3/14 --- JD 093		
Arrival Time	10:53 EDT	Departure Time	11:15 EDT
Latitude	N 38.05753	Longitude	W 075.32246
Water Depth (m)	---		
Handheld GPS used	Garmin GPSmap 76S	GPS Waypoint	059
YSI	---	Camera	Nikon AW100
Sample Type/Sample	**X, Measure, Time**	**Sample Type/Sample**	**X, Measure, Time**
DGPS Positioning			
GPS Session ID	D759		
Occupation Time (min)	5 min		
Surface/Grab		***Sand Gouge Core:***	
Pentrometer (marsh sites only)	1.75	Barrel Length (cm)	
Shear Strength (marsh sites only)	1.5	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	N 350°		
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

Extremely straight "channel" cut in marsh oriented NW 035 to estuary - pipeline or mosquito ditch?

Spartina sp? and another flowering(?) veg type I don't recognize - or are these just lasy year's flowers on dormant Spartina?

Photos

DSCN1032.JPG, DSCN1033.JPG --- "dtich" through marsh

DSCN1034.JPG to DSCN1037.JPG --- E → S → W → N from site

DSCN1038.JPG, DSCN1039.JPG --- zoom photo of site vegetation