

<b>Site ID</b>			
<b>15FWR02-TB01</b>			
Date	August 26, 2015		
USGS Field Activity Number (FAN)	2015-329-FA (15FWR02)		
Field Crew	Chris Smith, Marci Marot, BJ Reynolds, Cathryn Wheaton, Cary Lopez, Aliza Karim, Matt Garrett, Jamie Williams		
Location	Old Tampa Bay, Tampa Bay, Florida		
Platform	R/V <i>Halimeda</i> (USGS); R/V <i>Tide Chaser</i> (FL FWC FWRI)		
Arrival Time (EDT)	9:30	Departure Time (EDT)	11:28
Latitude (DD)	28.02002	Longitude (DD)	-82.67490
GPS used ( <i>Manf., Model</i> )	Garmin GPSMAP 1040xs	GPS Waypoint	0060
Water Depth (m)	2.5 (8.3 ft)	Camera ( <i>Manf., Model</i> )	Nikon Coolpix AW100
Sample Type/Sample Info	Y/N, Time, Measurement	Sample Type/Sample Info	Y/N, Time, Measurement
<b>Push Core: 4.5" Polycarbonate Barrels</b>		<b>Water Quality Parameters: YSI Professional Plus</b>	
Sediment Type	Mud	Water Type (Marsh, Estuarine)	Bay - Top of water column
Recovered 4.5" OD Core Length (cm) <b>A</b>	24	Temperature (°C)	30.8
Recovered 4.5" OD Core Length (cm) <b>B</b>	23	Barometric Pressure (mmHg)	762.5
Recovered 4.5" OD Core Length (cm) <b>C</b>	24	Dissolved Oxygen (DO) (%)	87
		DO (mg/L)	6.26
		Specific Conductance (mS/cm)	15.6
		Salinity	9.03
<b>Sontek CastAway CTD</b>		pH	8.14
Serial Number	CC1417004	pH (mV)	-67.6
Time of deployment (EDT)	9:41	ORP (mV)	55.8
		Water Type (Marsh, Estuarine)	Bay - Bottom of water column
		Temperature (°C)	30.5
		Barometric Pressure (mmHg)	762.4
		Dissolved Oxygen (DO) (%)	74.0
		DO (mg/L)	3.21
		Specific Conductance (mS/cm)	20.81
		Salinity	12.39
		pH	7.52
		pH (mV)	-30.6
		ORP (mV)	-179.5
<b>Notes</b>			
<p>Took multiple cores, having difficulty getting an even/flat surface.            TB01M(A) and TB02M(B) were pushed in and pulled to the surface from the boat. Both had sloping surfaces.            TB01M(C) was pushed in from the boat and capped by divers. It had a cavity on one side, possibly from divers digging out the core to cap it.</p> <p>TB01M(C) was renamed TB01M(A) in the lab as it was chosen as the primary core for analysis.            The core labeled TB01M(A) in the field was renamed TB01M(B) for analysis.            Core labeled TB01M(B) in the field was not sectioned and discarded.</p>			
<b>Photos</b>			
3458-3479			

<b>Site ID</b>			
<b>15FWR02-TB02</b>			
Date	August 26, 2015		
USGS Field Activity Number (FAN)	2015-329-FA (15FWR02)		
Field Crew	Chris Smith, Marci Marot, BJ Reynolds, Cathryn Wheaton, Cary Lopez, Aliza Karim, Matt Garrett, Jamie Williams		
Location	Old Tampa Bay, Tampa Bay, Florida		
Platform	R/V Halimeda (USGS); R/V Tide Chaser (FL FWC FWRI)		
Arrival Time (EDT)	12:00	Departure Time (EDT)	13:30
Latitude (DD)	27.97201	Longitude (DD)	-82.67291
GPS used (Manf., Model)	Garmin GPSMAP 1040xs	GPS Waypoint	0063
Water Depth (m)	3.7 (12.2 ft)	Camera (Manf., Model)	Nikon Coolpix AW100
<b>Sample Type/Sample Info</b>	<b>Y/N, Time, Measurement</b>	<b>Sample Type/Sample Info</b>	<b>Y/N, Time, Measurement</b>
<b>Push Core: 4.5" Polycarbonate Barrels</b>		<b>Water Quality Parameters: YSI Professional Plus</b>	
Sediment Type	Mud grading to sand	Water Type (Marsh, Estuarine)	Bay - Top of water column
Recovered 4.5" OD Core Length (cm)	30	Temperature (°C)	31.6
		Barometric Pressure (mmHg)	762.3
		Dissolved Oxygen (DO) (%)	81.2
		DO (mg/L)	5.57
		Specific Conductance (mS/cm)	20.8
		Salinity	12.33
<b>Sontek CastAway CTD</b>		pH	8.26
Serial Number	CC1417004	pH (mV)	-75.1
Time of deployment (EDT)	12:12	ORP (mV)	51.4
		Water Type (Marsh, Estuarine)	Bay - Bottom of water column
		Temperature (°C)	31.1
		Barometric Pressure (mmHg)	762.3
		Dissolved Oxygen (DO) (%)	63.2
		DO (mg/L)	4.43
		Specific Conductance (mS/cm)	21.99
		Salinity	13.12
		pH	7.93
		pH (mV)	-55.1
		ORP (mV)	27.9
<b>Notes</b>			
6 core attempts, each core had slightly disturbed surface. Kept 1st attempt, discarded the rest.			
<b>Photos</b>			
3480-3484			

<b>Site ID</b>			
<b>15FWR02-TB06</b>			
Date	August 26, 2015		
USGS Field Activity Number (FAN)	2015-329-FA (15FWR02)		
Field Crew	Chris Smith, Marci Marot, BJ Reynolds, Cathryn Wheaton, Cary Lopez, Aliza Karim, Matt Garrett, Jamie Williams		
Location	Old Tampa Bay, Tampa Bay, Florida		
Platform	R/V <i>Halimeda</i> (USGS); R/V <i>Tide Chaser</i> (FL FWC FWRI)		
Arrival Time (EDT)	14:00	Departure Time (EDT)	14:53
Latitude (DD)	27.94204	Longitude (DD)	-82.67490
GPS used ( <i>Manf., Model</i> )	Garmin GPSMAP 1040xs	GPS Waypoint	0071
Water Depth (m)	4.1 (13.3 ft)	Camera ( <i>Manf., Model</i> )	Nikon Coolpix AW100
<b>Sample Type/Sample Info</b>	<b>Y/N, Time, Measurement</b>	<b>Sample Type/Sample Info</b>	<b>Y/N, Time, Measurement</b>
<b>Push Core: 4.5" Polycarbonate Barrels</b>		<b>Water Quality Parameters: YSI Professional Plus</b>	
Sediment Type	Mud grading to sand	Water Type (Marsh, Estuarine)	Bay - Top of water column
Recovered 4.5" OD Core Length (cm)	20	Temperature (°C)	32.0
		Barometric Pressure (mmHg)	762.0
		Dissolved Oxygen (DO) (%)	87.4
		DO (mg/L)	5.98
		Specific Conductance (mS/cm)	21.09
		Salinity	12.52
<b>Sontek CastAway CTD</b>		pH	8.37
Serial Number	CC1417004	pH (mV)	-81.7
Time of deployment (EDT)	14:05	ORP (mV)	61.3
		Water Type (Marsh, Estuarine)	Bay - Bottom of water column
		Temperature (°C)	30.9
		Barometric Pressure (mmHg)	762.0
		Dissolved Oxygen (DO) (%)	61.9
		DO (mg/L)	4.25
		Specific Conductance (mS/cm)	21.52
		Salinity	12.82
		pH	7.94
		pH (mV)	-55.7
		ORP (mV)	63.5
<b>Notes</b>			
First attempt at Waypoint 0070, 27.94200, -82.67496, 13.5ft then moved the boat slightly on the anchor to undisturbed site.			
<b>Photos</b>			
3485-3491			