SEDIMENT SAMPLING FIELD SHEET

ANAMAR Environmental Consulting, Inc.

PAN Am

PROJECT: ~~Mayaguez Habor 103~~

ANAMAR Environmental Consulting Inc.
2106 NW 67th Place, Suite 5
Gainesville, Florida 32653
Phone: 352-377-5770

Project #:	PAN Am
Sample ID:	PA18-3 A or B
Sampled By:	MR / Alrone
Sample Date:	01/4/18

SAMPLE COLLECTION INFORMATION

Start Sampling Time: 1725 **End Sampling Time:** 1735

Collection Method:
Double Van Veen Van Veen Mod. Petersen Large Ponar Petite Ponar Vibracore Box Core Other _____
Sediment Preservation Method (circle one): "Wet" Ice Refrigerated Truck/Trailer Other

Sample Containers:
Type and Number: Teflon 2 Glass _____ Plastic _____ Ziploc _____ Other _____

Sediment Description: Can circle more than one texture , if applicable
Texture: Clay Silt Fine Sand Medium Sand Coarse Sand Shell Hash
Color: Lt. Brown Yellowish Orange Greenish Gray Olive Gray Lt. Gray Dk. Gray

Live Organisms? Describe.	Y	N	**Notes:**
Odor Present? Describe.	Y	N	little bits of shell, gravel
Organic Debris? Describe.	Y	N	Wood vegetation
Picture of Sample?	Y	N	shingle
Volume Collected:	8 gallons		
# Grabs Collected:	3		
Penetration Depth (cm):	surface		

Desribe any Leakage, Winnowing, or Overfill here:

STATION INFORMATION

V-Datum MLLW MLW NAVD 88 NGVD 29 Other:_____ **H-Datum** NAD83 NAD27 WGS84 Other:_____

Water Surface Elevation (circle method of measurement): RTK Real Time WLR Tide Tables Other:_____

Water Depth Measurement (circle one) : Fathometer Lead Line

Water Surface Elevation (tide ht) (ft): 0.5
- Water Depth (ft): 32.2
= Sediment Elevation (ft): -31.7
Project Depth = -34/38

Waypoint ID: 170
GPS ID: Monroe
Latitude (Northing): 874896.11
Longitude (Easting): 768222.63

Wind Speed (knots): 0-5 5-10 10-15 >15
Wind Direction: N NE E SE S SW W NW
Sea State: Calm <2 ft. 2-3 ft. 3-4 ft. 4-5 ft. >5 ft.
Weather: Sunny P. Cloudy Cloudy Rain (drizzle, mod, heavy)
Tidal Cycle: Low Mid High Slack Incoming Outgoing
Air Temp (°F): —

Additional Observations, Notes:
GPS provided use a grab sampler at this location due to hard clay at 2' below sediment surface

Sheet 1 of 1

ANAMAR
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Core Log (Sheet 1 of 1)
PROJECT: PAN-AM

Sample ID: PA18-4B **Sampled By:** TC / TR
Sampling Date: 12/4/18 **Working with a Subcontractor?** Athena
Start Sampling Time: 1200 **End Sampling Time:** 1220

Collection Method (Circle one):
(Vibracore) Push Core Auger GeoProbe Total Volume Collected: 0

Sediment Container(s):
Type and Number: Teflon®_____ Glass_____ Plastic_____ Ziploc®_____ Other_____
Sediment Preservation Method (circle one): ("Wet" Ice) (Refrigerated Truck/Trailer) Other

V-Datum (MLLW) MLW NAVD 88 NGVD 29 Other:_____ **H-Datum** NAD83 (NAD27) WGS84 Other:_____
Water Surface Elevation (circle method of measurement): RTK **Real Time WLR** Tide Tables Other:_____
Water Depth Measurement (circle one) : Fathometer (Lead Line)
Water Surface Elevation (tide ht) (ft): 0.7 **Waypoint ID:** 169
- Water Depth (ft): 27.3 **GPS ID:** Montana
= Top of Core Elevation (ft): -26.6 **Latitude (Northing):** 875319.67
- Project Depth (ft): -38 **Longitude (Easting):** 768315.92
= Target Penetration (ft): 11.4

Tidal Cycle (circle two): (Low) Mid High [and] ~~Slack~~ Incoming (Outgoing)
Wind Speed (knots): 0–5 5–10 10–15 (>15)
Sea State (circle one): Calm (1–2 ft) 2–3 ft 3–4 ft 4–5 ft >5 ft Other_____
Weather (circle one): (Sunny) P. Cloudy Cloudy Rain? (drizzle, moderate, heavy)
Wind Direction: N NE (E) SE S SW W NW

Notes:
Collected @ 90' off of buoy
not
Hit clay layer at ~28 feet. Tried to Reach EPA to consult could not Reach him, going to Move to the next location

No core sample collected - unable to retain

Consulted w/ EPA about using a grab sampler to dig to original layer before 30 down to the surface.

SEDIMENT SAMPLING FIELD SHEET

ANAMAR Environmental Consulting, Inc.

PROJECT: ~~Rio Puerto Nuevo 103~~ PANAM

ANAMAR Environmental Consulting Inc.
2106 NW 67th Place, Suite 5
Gainesville, Florida 32653
Phone: 352-377-5770

Project #:
Sample ID: PA18-4A or B
Sampled By: ML | ALthone
Sample Date: 12/4/18

SAMPLE COLLECTION INFORMATION

Start Sampling Time: 1700 **End Sampling Time:** 1720

Collection Method:
Double Van Veen Van Veen Mod. Petersen Large Ponar Petite Ponar Vibracore Box Core Other _____
Sediment Preservation Method (circle one): "Wet" Ice Refrigerated Truck/Trailer Other

Sample Containers:
Type and Number: Teflon 2 Glass ____ Plastic ____ Ziploc ____ Other _____

Sediment Description: Can circle ~~more~~ than one texture , if applicable
Texture: Clay Silt Fine Sand Medium Sand Coarse Sand Shell Hash
Color: Lt. Brown Yellowish Orange Greenish Gray Olive Gray Lt. Gray Dk. Gray

			Notes:
Live Organisms? Describe.	Y	N	
Odor Present? Describe.	Y	N	coral bits, clumps of clay
Organic Debris? Describe.	Y	N	Vegetation, wood
Picture of Sample?	Y	N	
Volume Collected:	8		
# Grabs Collected:	5		
Penetration Depth (cm):	Surface		

Desribe any Leakage, Winnowing, or Overfill here:

STATION INFORMATION

V-Datum MLLW MLW NAVD 88 NGVD 29 Other:_____ **H-Datum** NAD83 NAD27 WGS84 Other:_____

Water Surface Elevation (circle method of measurement): RTK Real Time WLR Tide Tables Other:_____

Water Depth Measurement (circle one) : Fathometer Lead Line

Water Surface Elevation (tide ht) (ft): ~~27.3~~ 6.7

- Water Depth (ft): 27.3

= Sediment Elevation (ft): -20.6

Project Depth = -34/38

Waypoint ID: 169

GPS ID: Montana

Latitude (Northing): 875319.62

Longitude (Easting): 768315.92

Wind Speed (knots): 0-5 5-10 10-15 ~~>15~~

Wind Direction: N NE E SE S SW W NW

Sea State: Calm 1-2 ft. 2-3 ft. 3-4 ft. 4-5 ft. >5 ft.

Weather: Sunny P. Cloudy Cloudy Rain (drizzle, mod, heavy)

Tidal Cycle: Low Mid High Slack Incoming Outgoing

Air Temp (°F): —

Additional Observations, Notes: Got permission from EPA to collect a grab sample at this station due to clay layer/bottom close to surface (1.5')