

Guana Lake Field Data Sheet – Nutrient Run

- € Take environmental data
 1. Include notes on field conditions
- € Take water quality data (0.3 m from top)
 1. YSI Quattro
- € Write date/time on sample bottles
- € Collect water 0.3 meter from surface.
- € Fill sample bottles, return to baggie, put on ice
- € Do not season bottles, as they are preserved

Date	12/5/2018
Crew	Jimmy + Ben

NOTES: very high tide, middle site, gust at 9.2 m/s

Guana River 3 (GR3)	
Sample Time	8:42
Air Temp	8.5°C
Wind(Direction/Speed)	NW/5.5 kts / m/s
Secchi	1.2 ft / m
Water Depth	10.3 ft / m
Water Quality	
Temperature(°C)	18.0
SpCond	50713
pH	7.81
DO (mg/L) & (%)	87.8 6.81
Salinity (ppt)	33.34

Guana River (GR)	
Sample Time	9:06
Air Temp	8.9
Wind(Direction/Speed)	NW / 5.5 kts / m/s
Secchi	1.1 ft / m
Water Depth	15.3 ft / m
Water Quality	
Temperature(°C)	17.4
SpCond	46448
pH	7.72
DO (mg/L) & (%)	6.63 83.1
Salinity (ppt)	30.20

Report Completed by: _____ Checked by: _____

Guana River 1 (GR1)		
Sample Time	9:27	
Air Temp	16.0 °C	
Wind(Direction/Speed)	NW / 4.8 kts / m/s	
Secchi	0.9 ft / m	
Water Depth	5.7 ft / m	
Water Quality		
Temperature(°C)	16.7	
SpCond	38915	
pH	7.56	
DO (mg/L) & (%)	6.21	74.1
Salinity (ppt)	24.72	

Guana River North (RN)		
Sample Time	9:43	
Air Temp	9.5 °C	
Wind(Direction/Speed)	NW / 5.0 kts / (m/s)	
Secchi	0.6 ft / (m)	
Water Depth	4.7 (ft) / m	
Water Quality		
Temperature(°C)	17.0	
SpCond	36014	
pH	7.65	
DO (mg/L) & (%)	6.53	77.4
Salinity (ppt)	22.55	

Guana Lake South (LS)		
Sample Time	10:17	
Air Temp	9.8 °C	
Wind(Direction/Speed)	NW 5.0 kts / (m/s)	
Secchi	.3 ft / (m)	
Water Depth	3.4 (ft) / m	
Water Quality		
Temperature(°C)	15.2 °C	
SpCond	22975	
pH	7.90	
DO (mg/L) & (%)	8.15	88.9
Salinity (ppt)	13.93	

Notes:

gauge

Guana Lake 4 (GL4)		
Sample Time	10:36	
Air Temp	9.8 °C	
Wind(Direction/Speed)	NW 6.0 kts / (m/s)	
Secchi	.4 ft / (m)	
Water Depth	3.7 (ft) / m	
Water Quality		
Temperature(°C)	16.8 °C	
SpCond	23834	
pH	7.97	
DO (mg/L) & (%)	8.04	90.3
Salinity (ppt)	14.49	

Guana Lake Middle (LM)		
Sample Time	11:02	
Air Temp	10.6 °C	
Wind(Direction/Speed)	W 4.2 kts / (m/s)	
Secchi	.4 ft / (m)	
Water Depth	3.6 (ft) / m	
Water Quality		
Temperature(°C)	16.0	
SpCond	15511	
pH	7.87	
DO (mg/L) & (%)	8.24	87.8
Salinity (ppt)	9.08	

Guana Lake 2 (GL2)		
Sample Time	11:29	
Air Temp	10.9°C	
Wind(Direction/Speed)	WN 2.5 kts / (m/s)	
Secchi	1.0 ft / (m)	
Water Depth	2.9 (ft) / m	
Water Quality		
Temperature(°C)	15.5°C	
SpCond	2091	
pH	7.45	
DO (mg/L) & (%)	6.40	64.3
Salinity (ppt)	1.07	

Notes:

Guana Lake 1 (GL1)		
Sample Time	11:57	
Air Temp	12.0 °C	
Wind(Direction/Speed)	NW 3.5 kts / (m/s)	
Secchi	> 1.2 ft / (m)	
Water Depth	.7 ft / (m)	
Water Quality		
Temperature(°C)	14.8 °C	
SpCond	705	
pH	7.25	
DO (mg/L) & (%)	6.24	62.0
Salinity (ppt)	0.35	

Micklers Landing (MK)		
Sample Time		
Air Temp		
Wind(Direction/Speed)	kts / m/s	
Secchi	ft / m	
Water Depth	ft / m	
Water Quality		
Temperature(°C)		
SpCond		
pH		
DO (mg/L) & (%)		
Salinity (ppt)		

Notes:

Micklers Landing		
Sample Time	2:22	
Air Temp	13.4 °C	
Wind(Direction/Speed)	2.8 kts / (m/s)	
Secchi	> 2 ft / (m)	
Water Depth	4.8 ft / (m)	
Water Quality		
Temperature(°C)	14.9	
SpCond	663	
pH	7.14	
DO (mg/L) & (%)	61.2	6.2
Salinity (ppt)	0.32	

Report Completed by: _____ Checked by: _____