

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	16 Nov 20
Crew	J. Lee N. Dix

NOTES:

Windy & choppy water

Guana River 3 (GR3)	
Sample Time	10:06
Air Temp	22.5
Wind(Direction/Speed)	3.2 N kts / (m/s)
Secchi	1.0 ft / (m)
Water Depth	12.2 (ft) / m
Water Quality	
Temperature(°C)	23.9
SpCond	50091
pH	8.05
DO (mg/L) & (%)	6.8 97.5
Salinity (ppt)	32.85

Guana River (GR)	
Sample Time	10:28
Air Temp	22.3
Wind(Direction/Speed)	N 3.1 kts / (m/s)
Secchi	1.1 ft / (m)
Water Depth	10.1 ft / (m)
Water Quality	
Temperature(°C)	24.2
SpCond	48310
pH	7.93
DO (mg/L) & (%)	6.47 92.3
Salinity (ppt)	31.52

Guana River 1 (GR1)		
Sample Time	10:48	
Air Temp	21.2	
Wind(Direction/Speed)	N 3.5 kts / (m/s)	
Secchi	0.9 ft / (m)	
Water Depth	7.6 (ft) / m	
Water Quality		
Temperature(°C)	24.2	
SpCond	41393	
pH	7.67	
DO (mg/L) & (%)	6.00	83.3
Salinity (ppt)	26.54	

Guana River North (RN)		
Sample Time	11:02	
Air Temp	18.9	
Wind(Direction/Speed)	N 3.0 kts / (m/s)	
Secchi	— ft / m	
Water Depth	6.3 (ft) / m	
Water Quality		
Temperature(°C)	24.4	
SpCond	40686	
pH	7.55	
DO (mg/L) & (%)	5.22	72.8
Salinity (ppt)	26.03	

Guana Lake South (LS)		
Sample Time	11:53	
Air Temp	21.9 °C	
Wind(Direction/Speed)	3.2 N kts / (m/s)	
Secchi	.6 ft / (m)	
Water Depth	3.9 (ft) / m	
Water Quality		
Temperature(°C)	24.4	
SpCond	38926	
pH	7.70	
DO (mg/L) & (%)	5.87	81.0
Salinity (ppt)	24.78	

Notes:

Report Completed by: _____ Checked by: _____ BD 12/21/20

Guana Lake 4 (GL4)		
Sample Time	1215	
Air Temp	21.5	
Wind(Direction/Speed)	N, NE 3.5 kts / (m/s)	
Secchi	.4 ft / (m)	
Water Depth	3.9 (ft) / m	
Water Quality		
Temperature(°C)	24.8	
SpCond	30310	
pH	8.00	
DO (mg/L) & (%)	7.28	97.8
Salinity (ppt)	18.79	

Guana Lake Middle (LM)		
Sample Time	1244	
Air Temp	21.2 °	
Wind(Direction/Speed)	N 3.4 kts / m/s	
Secchi	.5 ft / (m)	
Water Depth	3.1 (ft) / m	
Water Quality		
Temperature(°C)	24.1	
SpCond	19492	
pH	8.02	
DO (mg/L) & (%)	7.50	95.6
Salinity (ppt)	11.60	

Guana Lake 2 (GL2)		
Sample Time	1309	
Air Temp	22.1	
Wind(Direction/Speed)	N 2.7 kts / (m/s)	
Secchi	.4 ft / (m)	
Water Depth	2.8 (ft) / m	
Water Quality		
Temperature(°C)	24.3	
SpCond	9342	
pH	7.93	
DO (mg/L) & (%)	8.01	98.8
Salinity (ppt)	5.26	

Notes:

Guana Lake 1 (GL1)		
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)		

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)		

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:

Could not sample GL1
due to wind + stirred up
sediment from airboat.

Skipped Micklers due
to time crunch w/
ALS Lab + micro
samples

Report Completed by: _____ Checked by: _____