

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	13 Oct 2020
Crew	P. Marwin J. Lee

NOTES:

Guana River 3 (GR3)		
Sample Time	0738	
Air Temp	23.4	
Wind(Direction/Speed)	2.1 NW kts / (m/s)	
Secchi	0.9 ft / (m)	
Water Depth	21.1 (ft) / m	
Water Quality		
Temperature(°C)	25.9	
SpCond	31212	
pH	7.48	
DO (mg/L) & (%)	5.28	72.8
Salinity (ppt)	19.33	

Guana River (GR)		
Sample Time	0751	
Air Temp	23	
Wind(Direction/Speed)	1.1 W kts / (m/s)	
Secchi	0.8 ft / (m)	
Water Depth	13.8 (ft) / m	
Water Quality		
Temperature(°C)	26.4	
SpCond	28827	
pH	7.49	
DO (mg/L) & (%)	4.74	65.1
Salinity (ppt)	17.75	

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Guana River 1 (GR1)		
Sample Time	0808	
Air Temp	23.3	
Wind(Direction/Speed)	1.4 W	kts / (m/s)
Secchi	0.6	ft / (m)
Water Depth	6.0	(ft) / m
Water Quality		
Temperature(°C)	25.8	
SpCond	23594	
pH	7.56	
DO (mg/L) & (%)	5.37	71.7
Salinity (ppt)	14.26	

Guana River North (RN)		
Sample Time	0821	
Air Temp	23.3	
Wind(Direction/Speed)	1.3 W	kts / (m/s)
Secchi	0.6	ft / (m)
Water Depth	4.2	(ft) / m
Water Quality		
Temperature(°C)	26.6	
SpCond	23925	
pH	7.47	
DO (mg/L) & (%)	4.57	61.6
Salinity (ppt)	14.43	

Guana Lake South (LS)		
Sample Time	0903	
Air Temp	24.8	
Wind(Direction/Speed)	2.2	kts / (m/s)
Secchi	0.78	ft / (m)
Water Depth	2.8	ft / m staff gauge
Water Quality		
Temperature(°C)	26.1	
SpCond	22278	
pH	7.74	
DO (mg/L) & (%)	5.61	74.7
Salinity (ppt)	13.39	

Notes:

Lake staff gauge 2.80

staff gauge

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Guana Lake 4 (GL4)		
Sample Time	0926	
Air Temp	25.7 °C	
Wind(Direction/Speed)	NW 0.5 kts / (m/s)	
Secchi	0.6 ft / (m)	
Water Depth	3.2 (ft) / m	
Water Quality		
Temperature(°C)	26.0	
SpCond	18648	
pH	7.88	
DO (mg/L) & (%)	6.67	87.5
Salinity (ppt)	11.00	

Guana Lake Middle (LM)		
Sample Time	0945	
Air Temp	25.1 °C	
Wind(Direction/Speed)	NW 1.6	kts / (m/s)
Secchi	0.4	ft / (m)
Water Depth	2.9	(ft) / m
Water Quality		
Temperature(°C)	25.9	
SpCond	9389	
pH	8.02	
DO (mg/L) & (%)	7.01	89.0
Salinity (ppt)	5.26	

Guana Lake 2 (GL2)		
Sample Time	1008	
Air Temp	26.4 °C	
Wind(Direction/Speed)	N 1.5 kts / (m/s)	
Secchi	0.5 ft / (m)	
Water Depth	2.6 (ft) / m	
Water Quality		
Temperature(°C)	25.7	
SpCond	1194	
pH	7.67	
DO (mg/L) & (%)	5.42	66.6
Salinity (ppt)	0.59	

Notes:

Guana Lake 1 (GL1)		
Sample Time	10:30 AM	
Air Temp	26.0	
Wind(Direction/Speed)	1.4 kts / (m/s)	
Secchi	>1.2 ft / (m)	
Water Depth	0.6 ft / (m)	
Water Quality		
Temperature(°C)	25.1	
SpCond	634	
pH	7.34	
DO (mg/L) & (%)	1.53	19.1
Salinity (ppt)	0.31	

Micklers Landing (MK)		
Sample Time	1341	
Air Temp	28.4	
Wind(Direction/Speed)	1.4 N kts / (m/s)	
Secchi	0.94 ft / (m)	
Water Depth	3.5 (ft) / m	
Water Quality		
Temperature(°C)	26.1	
SpCond	617	
pH	7.22	
DO (mg/L) & (%)	1.62	19.9
Salinity (ppt)	0.30	

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: GL1 & GL2: lots of sediment, very turbid

GL1: too shallow for bottom read

Report Completed by: _____ Checked by: _____

BD 12/21/20