

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	12/16/19
Crew	Jimmy Erin Jess

NOTES: Sunny day with SSE breeze in afternoon.
Jess still learning how to back a trailer

Duplicate at 13:13

Guana River 3 (GR3)		
Sample Time	13:08	
Air Temp	23.2	
Wind(Direction/Speed)	SSE SSE 3.3 kts / (m/s)	
Secchi	1.25	ft / (m)
Water Depth	11	(ft) / m
Water Quality		
Temperature(°C)	19.5	
SpCond	47886	
pH	7.74	
DO (mg/L) & (%)	7.80	102.3
Salinity (ppt)	31.27	

Guana River (GR)		
Sample Time	13:30	
Air Temp	24.3	
Wind(Direction/Speed)	1.8 SSE kts / (m/s)	
Secchi	1.0	ft / (m)
Water Depth	13.6	(ft) / m
Water Quality		
Temperature(°C)	19.7	
SpCond	45233	
pH	7.70	
DO (mg/L) & (%)	7.80	101.4
Salinity (ppt)	29.35	

Guana River 1 (GR1)		
Sample Time	13:48	
Air Temp	23.4	
Wind(Direction/Speed)	SSE 1.8 kts / (m/s)	
Secchi	0.75 ft / (m)	
Water Depth	5.3 (ft) / m	
Water Quality		
Temperature(°C)	19.7	
SpCond	36064	
pH	7.88	
DO (mg/L) & (%)	8.90	111.4
Salinity (ppt)	22.81	

Guana River North (RN)		
Sample Time	13:57	
Air Temp	22.3 °C	
Wind(Direction/Speed)	SSE 2.2 kts / (m/s)	
Secchi	0.6 ft / (m)	
Water Depth	3.7 (ft) / m	
Water Quality		
Temperature(°C)	19.4	
SpCond	37727	
pH	7.77	
DO (mg/L) & (%)	8.70	109.6
Salinity (ppt)	24.30	

Guana Lake South (LS)		
Sample Time	9:25	
Air Temp	22.6	
Wind(Direction/Speed)	N 0.4 kts / (m/s)	
Secchi	7.6 ft / (m)	
Water Depth	3.0 ft / (m)	
Water Quality		
Temperature(°C)	16.7	
SpCond	31262	
pH	8.14	
DO (mg/L) & (%)	10.88	126.0
Salinity (ppt)	19.5	

Notes:

staff gauge

Report Completed by: _____ Checked by: _____

Guana Lake 1 (GL1)		
Sample Time	10:53	
Air Temp	24.2 °C	
Wind(Direction/Speed)	0.5 kts / (m/s)	
Secchi	71.2 ft / (m)	
Water Depth	0.64 ft / (m)	
Water Quality		
Temperature(°C)	16.5	
SpCond	753	
pH	7.33	
DO (mg/L) & (%)	6.43	71.2
Salinity (ppt)	0.37	

Micklers Landing (MK)		
Sample Time	15:33 15:35	
Air Temp	23.2 °C	
Wind(Direction/Speed)	1.1 SSE kts / (m/s)	
Secchi	ft / m	
Water Depth	ft / m	
Water Quality		
Temperature(°C)	18.5	
SpCond	735 735	
pH	7.55	
DO (mg/L) & (%)	11.59	123.8
Salinity (ppt)	0.36	

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:

Report Completed by: _____ Checked by: _____

Guana Lake 4 (GL4)		
Sample Time	9:42	
Air Temp	21.2	
Wind(Direction/Speed)	0.8 N kts / (m/s)	
Secchi	.65 m ft / (m)	
Water Depth	1.15 m ft / (m)	
Water Quality		
Temperature(°C)	17.0	
SpCond	30175	
pH	11.05 8.17	
DO (mg/L) & (%)	111.09	128.5
Salinity (ppt)	18.67	

Guana Lake Middle (LM)		
Sample Time	10:12	
Air Temp	21.6	
Wind(Direction/Speed)	.6 N kts / (m/s)	
Secchi	0.6 m ft / (m)	
Water Depth	1.1 m ft / (m)	
Water Quality		
Temperature(°C)	18.3	
SpCond	26988	
pH	7.93	
DO (mg/L) & (%)	9.19	107.1
Salinity (ppt)	16.64	

Guana Lake 2 (GL2)		
Sample Time	10:30	
Air Temp	21.8	
Wind(Direction/Speed)	2.2	kts / (m/s)
Secchi	0.7 m ft / (m)	
Water Depth	0.75 m ft / (m)	
Water Quality		
Temperature(°C)	18.3	
SpCond	14740	
pH	7.76	
DO (mg/L) & (%)	8.73	98.4
Salinity (ppt)	8.66	

Notes: