

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	02/10/20
Crew	Jess, Nikki, & Erin

NOTES:

calm waters & clear skies

Guana River 3 (GR3)		
Sample Time	10:42 AM	
Air Temp	74.6 °F	
Wind(Direction/Speed)	6.7mphN kts / m/s	
Secchi	1.2 ft / (m)	
Water Depth	12.1 (ft) / m	
Water Quality		
Temperature(°C)	17.1	
SpCond	52749	
pH	8.09	
DO (mg/L) & (%)	8.21	104.9
Salinity (ppt)	34.82	

Guana River (GR)		
Sample Time	10:55 AM	
Air Temp	75.2°F	
Wind(Direction/Speed)	4.4 mph N kts / m/s	
Secchi	1.6 ft / (m)	
Water Depth	16.7 (ft) / m	
Water Quality		
Temperature(°C)	17.2	
SpCond	49482	
pH	7.92	
DO (mg/L) & (%)	8.17	103.2
Salinity (ppt)	32.42	

Guana River 1 (GR1)		
Sample Time	11:10	
Air Temp	74.4°F	
Wind(Direction/Speed)	6.2 mph N kts / m/s	
Secchi	1.4	ft / (m)
Water Depth	6.3	(ft) / m
Water Quality		
Temperature(°C)	17.8	
SpCond	42862	
pH	7.80	
DO (mg/L) & (%)	7.90	98.8
Salinity (ppt)	27.63	

Guana River North (RN)		
Sample Time	11:19	
Air Temp	71.2	
Wind(Direction/Speed)	3.9 mph N kts / m/s	
Secchi	1.2	ft / (m)
Water Depth	4.9	(ft) / m
Water Quality		
Temperature(°C)	18.0	
SpCond	40388	
pH	7.64	
DO (mg/L) & (%)	7.40	91.3
Salinity (ppt)	25.90	

Guana Lake South (LS)		
Sample Time	12:11	
Air Temp	80.6°F	
Wind(Direction/Speed)	4.6 mph N kts / m/s	
Secchi	0.71	ft / (m)
Water Depth	0.48	ft / (m)
Water Quality		
Temperature(°C)	18.4	
SpCond	28229	
pH	7.93	
DO (mg/L) & (%)	8.67	102.7
Salinity (ppt)	117.44	

Notes: GR1: marsh sediment present on surface

Report Completed by: _____ Checked by: _____

Guana Lake 4 (GL4)		
Sample Time	12:27	
Air Temp	73.0	
Wind(Direction/Speed)	6.6 mph N kts / m/s	
Secchi	71.2	ft / (m)
Water Depth	3.3	(ft) / m
Water Quality		
Temperature(°C)	18.2	
SpCond	26200	
pH	7.98	
DO (mg/L) & (%)	9.55	109.1
Salinity (ppt)	16.05	

Guana Lake Middle (LM)		
Sample Time	12:47	
Air Temp	74.4 °F	
Wind(Direction/Speed)	4.5 mph N kts / m/s	
Secchi	0.8	ft / (m)
Water Depth	3.1	(ft) / m
Water Quality		
Temperature(°C)	18.7	
SpCond	23117	
pH	7.85	
DO (mg/L) & (%)	9.66	112.2
Salinity (ppt)	14.02	

Guana Lake 2 (GL2)		
Sample Time	13:02	
Air Temp	74.3 °F	
Wind(Direction/Speed)	6.9 mph N kts / m/s	
Secchi	0.6	ft / (m)
Water Depth	2.7	(ft) / m
Water Quality		
Temperature(°C)	19.4	
SpCond	16540	
pH	7.71	
DO (mg/L) & (%)	9.06	104.2
Salinity (ppt)	9.73	

Notes:

LM: combjellies present

Guana Lake 1 (GL1)		
Sample Time	13:23	
Air Temp	74.4 °F	
Wind(Direction/Speed)	2.8 mph N kts / m/s	
Secchi	N/A ft / m	
Water Depth	N/A ft / m	
Water Quality		
Temperature(°C)	20.5	
SpCond	1779	
pH	7.67	
DO (mg/L) & (%)	7.60	85.0
Salinity (ppt)	0.90	

Micklers Landing (MK)		
Sample Time	16:20 ND 15:20	
Air Temp	24.9 °C	
Wind(Direction/Speed)	SE 3.2 ^(mph) kts / m/s	
Secchi	71.2 ft / (m)	
Water Depth	? ft / m	
Water Quality		
Temperature(°C)	19.8	
SpCond	817	
pH	8.88	
DO (mg/L) & (%)	14.99	163.6
Salinity (ppt)	0.40	

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: _____