

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	9/6/18
Crew	J. Tomazinis H. Mathews W. Brenner

NOTES: Field Blank: 7:38^(GR3), Light Sprinkle during Sampling.
 Swift Current; Strong Breeze.
 GR: Film on Surface of water, and contractor
 FWC, recently spraying Round-up
 saw Mosquito Control
 airboat on water

Guana River 3 (GR3)		
Sample Time	7:48	
Air Temp	28.6 °C	
Wind(Direction/Speed)	E 3.9 m/s kts / mph	
Secchi	0.9 ft / (m)	
Water Depth	10.4 (ft) / m	
Water Quality		
Temperature(°C)	29.0	
SpCond	39340	
pH	7.42	
DO (mg/L) & (%)	4.57	68.3
Salinity (ppt)	25.02	

Guana River (GR)		
Sample Time	8:11	
Air Temp	28.3 °C	
Wind(Direction/Speed)	E 2.1 m/s kts / mph	
Secchi	0.8 ft / (m)	
Water Depth	14.0 (ft) / m	
Water Quality		
Temperature(°C)	29.1	
SpCond	36840	
pH	7.44	
DO (mg/L) & (%)	4.73	70.0
Salinity (ppt)	23.21	

Report Completed by: H. Mathews Checked by: J. Tomazinis

¹

Guana River 1 (GR)		
Sample Time	8:34	
Air Temp	28.2°C	
Wind(Direction/Speed)	E 3.0 m/s kts / mph	
Secchi	0.6	ft / (m)
Water Depth	4.9	(ft) / m
Water Quality		
Temperature(°C)	29.2	
SpCond	34872	
pH	7.41	
DO (mg/L) & (%)	4.17	61.4
Salinity (ppt)	21.83	

Guana River North (RN)		
Sample Time	8:51	
Air Temp	29.1°C	
Wind(Direction/Speed)	E 1.0 m/s kts / mph	
Secchi	0.5	ft / (m)
Water Depth	3.9	(ft) / m
Water Quality		
Temperature(°C)	28.5	
SpCond	33773	
pH	7.26	
DO (mg/L) & (%)	2.73	39.6
Salinity (ppt)	21.05	

Guana Lake South (LS)		
Sample Time	9:28	
Air Temp	28.8°C	
Wind(Direction/Speed)	E 3.0 m/s kts / mph	
Secchi	1.2	ft / (m)
Water Depth	2.8	ft / m
Water Quality		
Temperature(°C)	29.2°C	
SpCond	14936	
pH	7.89	
DO (mg/L) & (%)	4.68	61.5%
Salinity (ppt)	8.63	

Notes:

→ Lake gauge

Report Completed by: H. Mathews Checked by: J. Thompson

9/6/18

4 (GL4)

Guana Lake 1 (GL1)	
Sample Time	9:48
Air Temp	28.3 °C
Wind(Direction/Speed)	E, NE 3.5 ^{mps} / kts / mph
Secchi	.30 ft / (m)
Water Depth	3.4 (ft) / m
Water Quality	
Temperature(°C)	29.2 °C
SpCond	12999
pH	8.05
DO (mg/L) & (%)	5.72 ^{mg/L} / 78 %
Salinity (ppt)	7.43

Guana Lake Middle (LM)	
Sample Time	10:15
Air Temp	28.4 °C
Wind(Direction/Speed)	E, NE 3.8 ^{mps} / kts / mph
Secchi	.5 ft / (m)
Water Depth	2.7 (ft) / m
Water Quality	
Temperature(°C)	28.9 °C
SpCond	4943
pH	8.02
DO (mg/L) & (%)	5.68 / 80 %
Salinity (ppt)	2.63

Guana Lake 2 (GL2)	
Sample Time	10:48
Air Temp	28.8 °C
Wind(Direction/Speed)	E, NE 3.8 ^{mps} / kts / mph
Secchi	>.6 ft / (m)
Water Depth	2.5 (ft) / m
Water Quality	
Temperature(°C)	28.8 °C
SpCond	1307
pH	7.65
DO (mg/L) & (%)	4.68 ^{mg/L} / 63.8 %
Salinity (ppt)	0.65

Notes:

~.7 or .8 no turbidity tube

Report Completed by: W. Brenner Checked by: _____

30.15078, -81.36001 G-L1 ALT.

Guana Lake # (GL1)		
Sample Time	11:32	
Air Temp	29.3 °C	
Wind(Direction/Speed)	ENE 3.3 m/s kts / mph	
Secchi <i>no tube. as clear as in past.</i>	>1.2 ft / (m)	
Water Depth	.3 ft / (m)	
Water Quality		
Temperature(°C)	26.4	
SpCond	696	
pH	7.37	
DO (mg/L) & (%)	2.54	327%
Salinity (ppt)	.34	

Micklers Landing (MK)		
Sample Time	2:57 PM	
Air Temp	29.3 °C	
Wind(Direction/Speed)	SE 2.5 m/s kts / mph	
Secchi	>1.2 ft / (m)	
Water Depth	3.7 (ft) / m	
Water Quality		
Temperature(°C)	29.9	
SpCond	620	
pH	7.27	
DO (mg/L) & (%)	5.31	70.1
Salinity (ppt)	0.30	

Notes:

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

Report Completed by: _____ Checked by: _____