

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	2/4/19
Crew	Jimmy, Ben, Mark Collins

NOTES: "800-1000 ft ceiling, 8 kts, 55°F, stratus (overcast) cloud cover"
 ↳ Mark Collins

All wind speed is 15s average.

Guana River 3 (GR3)		
Sample Time	9:47	
Air Temp	13.8°C	
Wind (Direction/Speed)	NE 3.0 kts / m/s	
Secchi	1.4	ft / m
Water Depth	11.3	ft / m
Water Quality		
Temperature(°C)	13.8	
SpCond	40942	
pH	7.72	
DO (mg/L) & (%)	7.90	89.8
Salinity (ppt)	26.29	

Guana River (GR)		
Sample Time	10:10	
Air Temp	13.8°C	
Wind (Direction/Speed)	NE 3.9 kts / m/s	
Secchi	1.3	ft / m
Water Depth	16.4	ft / m
Water Quality		
Temperature(°C)	13.8	
SpCond	37323	
pH	7.66	
DO (mg/L) & (%)	8.08	90.6
Salinity (ppt)	23.74	

Report Completed by: Ben Checked by: _____

Guana River 1 (GR1)

Sample Time	10:34	
Air Temp	14.7°C	
Wind(Direction/Speed)	NE 1.4	kts / m/s
Secchi	1.0	ft / m
Water Depth	6.1	ft / m
Water Quality		
Temperature(°C)	14.2	
SpCond	33096	
pH	7.55	
DO (mg/L) & (%)	7.29	80.3
Salinity (ppt)	20.70	

Guana River North (RN)

Sample Time	10:49	
Air Temp	14.3°C	
Wind(Direction/Speed)	NE 1.6	kts / m/s
Secchi	1.0	ft / m
Water Depth	5.6	ft / m
Water Quality		
Temperature(°C)	14.4	
SpCond	33064	
pH	7.54	
DO (mg/L) & (%)	7.04	78.4
Salinity (ppt)	20.72	

1.9 m/s
max**Guana Lake South (LS)**

Sample Time	11:22	
Air Temp	15.5°C	
Wind(Direction/Speed)	NE 1.6	kts / m/s
Secchi	.7	ft / m
Water Depth	2.7	ft / m
Water Quality		
Temperature(°C)	14.8°C	
SpCond	14692	
pH	7.83	
DO (mg/L) & (%)	8.97	93%
Salinity (ppt)	8.58	

Notes: All wind speed is 15 s average.

max 2.1 m/s

staff gauge

Guana Lake 4 (GL4)		
Sample Time	11:39	
Air Temp	14.3°C	
Wind(Direction/Speed)	NE 3.1 ^{max} kts / <u>3</u> m/s	
Secchi	.6 ft / <u>3</u> m	
Water Depth	3.0 <u>3</u> ft / m	
Water Quality		
Temperature(°C)	14.7°	
SpCond	13308	
pH	7.96	
DO (mg/L) & (%)	9.30	96.4
Salinity (ppt)	7.71	

Guana Lake Middle (LM)		
Sample Time	12:00	
Air Temp	14.7°C	
Wind(Direction/Speed)	N/NE 3.5 kts / (m/s)	
Secchi	.4 ft / (m)	
Water Depth	3.0 (ft) / m	
Water Quality		
Temperature(°C)	14.9°C	
SpCond	5938	
pH	7.96	
DO (mg/L) & (%)	8.95	90.3
Salinity (ppt)	3.24	

Guana Lake 2 (GL2)		
Sample Time	12:24	
Air Temp	14.0 °C	
Wind(Direction/Speed)	N/NE 3.7 kts / (m/s)	
Secchi	.5 ft / (m)	
Water Depth	2.8 (ft) / m	
Water Quality		
Temperature(°C)	15.3	
SpCond	1931	
pH	7.92	
DO (mg/L) & (%)	8.10	81.6
Salinity (ppt)	.99	

Notes:

Guana Lake 1 (GL1)		
Sample Time	12:53	
Air Temp	14.0 °C	
Wind(Direction/Speed)	N/NE 3.5 kts / (m/s)	
Secchi	> 1.2 ft / (m)	
Water Depth	.4 ft / (m)	
Water Quality		
Temperature(°C)	15.2 °C	
SpCond	682	
pH	7.38	
DO (mg/L) & (%)	7.32	73.3
Salinity (ppt)	.33	

Micklers Landing (MK)		
Sample Time	4:10	
Air Temp	16.5	
Wind(Direction/Speed)	N/NE 0.5 kts / m/s 0.8 m/s	
Secchi	> 1.2 ft / m	
Water Depth	3.4 ft / m	
Water Quality		
Temperature(°C)	16.3 °C	
SpCond	648	
pH	7.30	
DO (mg/L) & (%)	8.47	88.6
Salinity (ppt)	0.32	

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: Oil sheen still seen on surface.
 Dead goose floating on lake^o south side of weir
 >10 Dead gar seen on shoreline sw side of weir