

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	9/10/19
Crew	Jimmy Jess Wade

NOTES: Sunny; clear and calm; gonna be a hot day

Guana River 3 (GR3)		
Sample Time	8:30	
Air Temp	28.9	
Wind(Direction/Speed)	W 0.9 kts / m/s	
Secchi	1.3	ft / m
Water Depth	10.4	ft / m
Water Quality		
Temperature(°C)	29.0	
SpCond	45880	
pH	7.57	
DO (mg/L) & (%)	4.63	71.0
Salinity (ppt)	29.66	

Guana River (GR)		
Sample Time	8:45	
Air Temp	29.9	
Wind(Direction/Speed)	N 0.6 kts / m/s	
Secchi	1.0	ft / m
Water Depth	13.7	ft / m
Water Quality		
Temperature(°C)	29.2	
SpCond	44415	
pH	7.51	
DO (mg/L) & (%)	4.52	69.2
Salinity (ppt)	28.57	

Report Completed by: J. Tomazinis Checked by: _____

Guana River 1 (GR1)		
Sample Time	9:04	
Air Temp	29.3	
Wind(Direction/Speed)	NNW 0.7 kts / m/s	
Secchi	0.8	ft / m
Water Depth	4.9	ft / m
Water Quality		
Temperature(°C)	29.6	
SpCond	45100	
pH	7.35	
DO (mg/L) & (%)	3.71	57.3
Salinity (ppt)	29.05	

Guana River North (RN)		
Sample Time	9:20	
Air Temp	29.4	
Wind(Direction/Speed)	N 0.6 kts / m/s	
Secchi	0.6	ft / m
Water Depth	3.5	ft / m
Water Quality		
Temperature(°C)	29.7	
SpCond	45330	
pH	7.29	
DO (mg/L) & (%)	3.05	47.1
Salinity (ppt)	29.21	

Guana Lake South (LS)		
Sample Time	10:12	
Air Temp	29.8°	
Wind(Direction/Speed)	E/NE 1.8 kts / m/s	
Secchi	.7	ft / m
Water Depth	2.7	ft + m staff gauge
Water Quality		
Temperature(°C)	30.1	
SpCond	36543	
pH	7.85	
DO (mg/L) & (%)	5.11	76.9
Salinity (ppt)	22.97	

Notes:

Report Completed by: _____ Checked by: _____

Guana Lake 4 (GL4)		
Sample Time	10:32	
Air Temp	28.3 °C	
Wind(Direction/Speed)	E/NE 1.9 kts / (m/s)	
Secchi	.5 ft / (m)	
Water Depth	3.3 (ft) / (m)	
Water Quality		
Temperature(°C)	30.4	
SpCond	33029	
pH	7.76	
DO (mg/L) & (%)	4.04	60.2
Salinity (ppt)	20.54	

Guana Lake Middle (LM)		
Sample Time	10:52	
Air Temp	28.6 °C	
Wind(Direction/Speed)	E 1.5 kts / (m/s)	
Secchi	.6 ft / (m)	
Water Depth	2.9 (ft) / m	
Water Quality		
Temperature(°C)	30.3	
SpCond	32180	
pH	7.94	
DO (mg/L) & (%)	4.83	88.7
Salinity (ppt)	13.89	

Guana Lake 2 (GL2)		
Sample Time	11:29	
Air Temp	29.8	
Wind(Direction/Speed)	E 2 kts / (m/s)	
Secchi	.8 ft / (m)	
Water Depth	.8 ft / (m)	
Water Quality		
Temperature(°C)	31.0	
SpCond	5700	
pH	7.54	
DO (mg/L) & (%)	4.48	59.9
Salinity (ppt)	3.48	

Notes:

Guana Lake 1 (GL1)		
Sample Time	12:15	
Air Temp	29.1	
Wind(Direction/Speed)	E 1.8 kts / m/s	
Secchi	> 1.2 ft / (m)	
Water Depth	4.5 ft / (m)	
Water Quality		
Temperature(°C)	30.7	
SpCond	733	
pH	7.14	
DO (mg/L) & (%)	2.45	33.1
Salinity (ppt)	0.35	

Micklers Landing (MK)		
Sample Time	14:32	
Air Temp	31.2	
Wind(Direction/Speed)	E 1.0 kts / m/s	
Secchi	> 1.2 ft / (m)	
Water Depth	ft / m	
Water Quality		
Temperature(°C)	32.3	
SpCond	731	
pH	7.15	
DO (mg/L) & (%)	4.05	55.8
Salinity (ppt)	0.35	

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:

Sample @ Micklers
taken North of AIA

Report Completed by: _____ Checked by: _____