

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	5/2/19
Crew	Jimmy + Jess

NOTES: Windy + overcast

FB: 08:50 sample time
CHL 1/2 filled w/ Lab DI, 1/2 filled
w/ our DI

Guana River 3 (GR3)		
Sample Time	8:50 9:10	
Air Temp	77 °F	
Wind(Direction/Speed)	9.7 mph SE kts / m/s	
Secchi	1.2	ft / m
Water Depth	10.5	ft / m
Water Quality		
Temperature(°C)	25.5	
SpCond	53077	
pH	7.74	
DO (mg/L) & (%)	5.40 5.40	80.6
Salinity (ppt)	34.96	

Guana River (GR)		
Sample Time	9:25	
Air Temp	73 °F	
Wind(Direction/Speed)	8.1 mph SE kts / m/s	
Secchi	1.2	ft / m
Water Depth	15.9	ft / m
Water Quality		
Temperature(°C)	25.6	
SpCond	50886	
pH	7.77	
DO (mg/L) & (%)	5.56	82.1
Salinity (ppt)	33.38	

Report Completed by: _____ Checked by: _____

Guana River 1 (GR1)		
Sample Time	09:42	
Air Temp	73° F	
Wind(Direction/Speed)	SE ^{SL5-2.15} 73.6.1 m/h kts / m/s	
Secchi	.9	ft / (m)
Water Depth	5.4	(ft) / m
Water Quality		
Temperature(°C)	26.1	
SpCond	43109	
pH	7.59	
DO (mg/L) & (%)	4.86	70.4
Salinity (ppt)	27.21	

Guana River North (RN)		
Sample Time	9.54	
Air Temp	73.2° F	
Wind(Direction/Speed)	SE 4.2 m/h kts / m/s	
Secchi	.8	ft / (m)
Water Depth	4.2	(ft) / m
Water Quality		
Temperature(°C)	25.9	
SpCond	38888	
pH	7.69	
DO (mg/L) & (%)	5.57	78.3
Salinity (ppt)	24.27	

Guana Lake South (LS)		
Sample Time	10.41	
Air Temp	79.9° F	
Wind(Direction/Speed)	SE 5.9 mph kts / m/s	
Secchi	.5	ft / (m)
Water Depth	Dry	ft / m
Water Quality		
Temperature(°C)	26.7 °C	
SpCond	38707	
pH	7.70	
DO (mg/L) & (%)	71.1	4.83
Salinity (ppt)	24.54	

Notes:

Guana Lake 4 (GL4)	
Sample Time	10:58
Air Temp	78.2 °F
Wind(Direction/Speed)	8.9 ^{SE} mph kts / m/s
Secchi	.3 ft / (m)
Water Depth	.68 ft / (m)
Water Quality	
Temperature(°C)	26.3 °C
SpCond	20833
pH	8.07
DO (mg/L) & (%)	81.2 ← 6.14
Salinity (ppt)	12.44

Guana Lake Middle (LM)	
Sample Time	11:21
Air Temp	77.8 °F
Wind(Direction/Speed)	^{SE} 8.0 mph kts / m/s
Secchi	.15 ft / (m)
Water Depth	.52 ft / (m)
Water Quality	
Temperature(°C)	26.2 °C
SpCond	8877
pH	8.32
DO (mg/L) & (%)	92.5 ← 7.18
Salinity (ppt)	4.94

Guana Lake 2 (GL2)	
Sample Time	11:47
Air Temp	79.5 °F
Wind(Direction/Speed)	^{SE} 5.8 mph kts / m/s
Secchi	.4 ft / (m)
Water Depth	.46 ft / (m)
Water Quality	
Temperature(°C)	27.1 °C
SpCond	1914
pH	8.56
DO (mg/L) & (%)	6.78 83.6
Salinity (ppt)	.97

Notes:

Guana Lake 1 (GL1)		
Sample Time	12:14	
Air Temp	79.0 °F	
Wind(Direction/Speed)	6.4 ^{SE} mph kts / m/s	
Secchi	> 1.2 ft / (m)	
Water Depth	.45 ft / (m)	
Water Quality		
Temperature(°C)	27.8 °C	
SpCond	739	
pH	8.24	
DO (mg/L) & (%)	9.72	120.0
Salinity (ppt)	.36	

Micklers Landing (MK)		
Sample Time	14:20	
Air Temp	87.7 °F	
Wind(Direction/Speed)	^{SE} 2.8 mph kts / m/s	
Secchi	> 1.2 ft / (m)	
Water Depth	3.1 (ft) / m	
Water Quality		
Temperature(°C)	27.0	
SpCond	6064	
pH	7.73	
DO (mg/L) & (%)	5.61	70.7
Salinity (ppt)	.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:

Report Completed by: _____ Checked by: _____