

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	11 July 18
Crew	Nikki Dix Jimmy T Hunter M

Add- planktosome

NOTES: dam has been closed for repair since Mar. FWC started letting water from lake in river this past Mon.

Guana River 3 (GR3)		
Sample Time	9:03	
Air Temp	27.1°C	
Wind(Direction/Speed)	3 m/s W kts / mph	
Secchi	1.0	ft / m
Water Depth	10	ft / m
Water Quality		
Temperature(°C)	29.2	
SpCond	39222	
pH	7.17	
DO (mg/L) & (%)	4.68	70.4
Salinity (ppt)	24.86	

PIC 19, 20, 21, 22 =
GR3 N E S W

Guana River (GR)		
Sample Time	9:35	
Air Temp	28.0°C	
Wind(Direction/Speed)	2.2 m/s W kts / mph	
Secchi	1.0	ft / m
Water Depth	12.5	ft / m
Water Quality		
Temperature(°C)	29.4	
SpCond	36909	
pH	7.15	
DO (mg/L) & (%)	4.21	62.6
Salinity (ppt)	23.25	

PIC 23, 24, 25, 26 =
GR N E S W

fisherman
catching
jacks &
one small
red

Report Completed by: Nikki

Checked by: Jimmy

PICS 27 28 29 30 =
GR N E S W

PICS 31, 32, 33, 34
RN N E S W

Guana River 1 (GR)		
Sample Time	9:59 9:59	
Air Temp	28.8°C	
Wind(Direction/Speed)	2.4 m/s W kts / mph	
Secchi	1.0	ft / (m)
Water Depth	4.7	(ft) / m
Water Quality		
Temperature(°C)	29.5°	
SpCond	33680	
pH	7.12	
DO (mg/L) & (%)	3.59	52.8
Salinity (ppt)	21 00	

Guana River North (RN)		
Sample Time	10:20	
Air Temp	29.4°C	
Wind(Direction/Speed)	W 2.1 m/s kts / mph	
Secchi	1.1	ft / (m)
Water Depth	3.3	(ft) / m
Water Quality		
Temperature(°C)	29.6	
SpCond	31506	
pH	7.12	
DO (mg/L) & (%)	3.40	49.7
Salinity (ppt)	19.55	bottom = 20.69

Guana Lake South (LS)		
Sample Time	10:55	
Air Temp	29.5°C	
Wind(Direction/Speed)	W 2.0 m/s kts / mph	
Secchi	0.9	ft / (m)
Water Depth	3.0	(ft) / m
Water Quality		
Temperature(°C)	29.9	
SpCond	15431	
pH	7.63	
DO (mg/L) & (%)	6.60	91.6
Salinity (ppt)	8.93	

Notes:

→ bottom DO
2.97 mg/L

lake gauge = 2.6

water spilling over dam into river

dead fish past few days after
coffer dam removal - mostly
croaker

PICS 35 36 37 38 =
LS N E S W

Report Completed by: Nicky

Checked by: Jimmy

PICS 39 40 41 42 =
GL4 N E S W 4 (GL4)

PICS 44 45 46 47
LM N E S W

Guana Lake 1 (GL1)		
Sample Time	11:10	
Air Temp	30.1°C	
Wind(Direction/Speed)	W 1.8 m/s kts / mph	
Secchi	0.8	ft / (m)
Water Depth	3.0	(ft) / m
Water Quality		
Temperature(°C)	30.4	
SpCond	13386	
pH	7.6 ND 7.53	
DO (mg/L) & (%)	5.69	78.9
Salinity (ppt)	7.65	

Guana Lake Middle (LM)		
Sample Time	11:45	
Air Temp	32.0°C	
Wind(Direction/Speed)	W 0.6 m/s kts / mph	
Secchi	0.7	ft / (m)
Water Depth	2.9	(ft) / m
Water Quality		
Temperature(°C)	30.6	
SpCond	7131	
pH	7.60	
DO (mg/L) & (%)	5.20	71.2
Salinity (ppt)	3.88	

Pic. 48-51 N, E, S, W - hardest to filter

Guana Lake 2 (GL2)		
Sample Time	12:22	
Air Temp	32.0°C	
Wind(Direction/Speed)	N/NE .8 m/s kts / mph	
Secchi	0.6	ft / (m)
Water Depth	.65	ft / (m)
Water Quality		
Temperature(°C)	30.8	
SpCond	2198	
pH	7.97	
DO (mg/L) & (%)	7.21	98.1
Salinity (ppt)	1.11	

Notes:

30.11614 GL2
-81.35159 New Lat/long

30.15054
-81.38008
Pics: ^{N E S W} 52 53 54 55

Guana Lake 1 (GL1)		
Sample Time	12:50	
Air Temp	32.4 °C	
Wind(Direction/Speed)	SE 1.5 m/s kts / mph	
Secchi ^{Bottom visible}	2 > 1.2 ft / (m)	
Water Depth	.35 ft / (m)	
Water Quality		
Temperature(°C)	31.5	
SpCond	807	
pH	8.11	
DO (mg/L) & (%)	8.89	123.3%
Salinity (ppt)	0.39	

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)		

MK ^{N E S W} 56 57 58 59
Pics

Micklers Landing (MK)		
Sample Time	15:20	
Air Temp	31.6 °C	
Wind(Direction/Speed)	SE 1.5 m/s kts / mph	
Secchi ^{can see bottom}	> 1.2 ft / (m)	
Water Depth	1.2 3.38 (ft) / m	
Water Quality		
Temperature(°C)	31.1	
SpCond	780	
pH	7.85	
DO (mg/L) & (%)	8.80	120.7
Salinity (ppt)	0.38	

Notes:

MK: mat of duck weed and algae surrounding. flow seems reduced. mullet, gar

Report Completed by: Wade Checked by: Nikh