

Rq -2022 -11 -07 -19

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11-7-22
Crew	Jesi & Jenna G5NE0025
Sample time	8:35

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use **BLANK** to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI Quattro
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Can use white plastic bottles (labeled per site) to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, submerge open bottle mouth down approx. 0.3 meters under water surface, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	* 23.3 (ft) / m	
Secchi	1.05 (ft) / m	
Wind	Direction (from): <u>NW</u> Speed: <u>2.7</u> m / s	
Air Temp (°C)	24.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	23.9	23.6
SpCond 43210	43210 JR	47374
pH	7.59	7.71
DO (%)	82.4	91.8
DO (mg/L)	5.93	6.53
Salinity (ppt)	27.80	30.86
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES: * read water depth with two different meters but seems too deep
spring tide - very high water levels

Report Completed by: Jenna
Checked by: _____

Entered into computer: ___/___/___

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	Nov 7 th
Crew	Jess + Jenna G5NE0024
Sample time	9:03

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use **BLANK** to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI Quattro
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Can use white plastic bottles (labeled per site) to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, submerge open bottle mouth down approx. 0.3 meters under water surface, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	13.1	ft / m
Secchi	1.1	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>3.1</u> m/s	
Air Temp (°C)	24.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.1	23.8
SpCond	41094	45585
pH	7.64	7.79
DO (%)	79.3	84.4
DO (mg/L)	5.73	6.02
Salinity (ppt)	26.32	29.56
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES: GR3 was a lot deeper - check water depth readings?

Report Completed by: Jenna
Checked by: _____

Entered into computer: __/__/__



Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	Nov. 7 ^m
Crew	Jess + Jenna G5NE0023
Sample time	9:22

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use **BLANK** to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI Quattro
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Can use white plastic bottles (labeled per site) to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, submerge open bottle mouth down aprox. 0.3 meters under water surface, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	6.4	ft / m
Secchi	1.05	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>3.9</u> m / s	
Air Temp (°C)	24.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.4	24.3
SpCond	36217	37276
pH	7.47	7.48
DO (%)	70.8	68.1
DO (mg/L)	5.20	4.98
Salinity (ppt)	22.90	23.61
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES:

Report Completed by: Jenna
 Checked by: _____

Entered into computer: ___/___/___

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	Nov 7 th 2022
Crew	Jess + Jona
Sample time	9:38

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use **BLANK** to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI Quattro
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Can use white plastic bottles (labeled per site) to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, submerge open bottle mouth down approx. 0.3 meters under water surface, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	5.4	ft / m
Secchi	1.0	ft / m
Wind	Direction (from): NE Speed: 5.0 m / s	
Air Temp (°C)	24.5	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.5	24.4
SpCond	36214	36572
pH	7.38	7.35
DO (%)	62.3	59.2
DO (mg/L)	4.57	4.33
Salinity (ppt)	22.87	23.12
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES:

Report Completed by: JR
 Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11/7/22
Crew	Jenna, Nicole, Wade
Sample time	1010

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use **BLANK** to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI Quattro
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Can use white plastic bottles (labeled per site) to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, submerge open bottle mouth down approx. 0.3 meters under water surface, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	3.4	(ft) / m
Secchi	0.6	ft / (m)
Wind	Direction (from): NE Speed: 4.0 m/s	
Air Temp (°C)	24.3	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.8	24.8
SpCond	31455	31305
pH	7.95	7.91
DO (%)	96.8	94.7
DO (mg/L)	7.19	7.00
Salinity (ppt)	19.63	19.93
CHL (REU)		
PE (REU)		

NOTES:

Report Completed by: _____
 Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11/7/22
Crew	Jenna, Nicole, Wade G5NE0022
Sample time	1030

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use **BLANK** to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI Quattro
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Can use white plastic bottles (labeled per site) to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, submerge open bottle mouth down approx. 0.3 meters under water surface, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	3.9	(ft) / m
Secchi	.5	ft / (m)
Wind	Direction (from): N Speed: 3.5 m/s	
Air Temp (°C)	24.5	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.9	24.9
SpCond	28110	28141
pH	7.91	7.89
DO (%)	91.2	91.0
DO (mg/L)	6.85	6.83
Salinity (ppt)	17.29	17.31
CHL (RFU)		
PE (RFU)		

NOTES: small eutrophore in sample

Report Completed by: _____
Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11/7/22
Crew	Jenna, Wade, Nicholas G5NE0021
Sample time	1050

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use kestrel to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI ProDSS
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Use site specific white plastic bottles to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. *To collect, season bottle and dump, then submerge open bottle mouth down approx. 0.3 meters, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow*
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	3.3	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): N Speed: 3.5 m/s	
Air Temp (°C)	24.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.9	24.9
SpCond	22269	22282
pH	7.99	7.99
DO (%)	94.9	94.4
DO (mg/L)	7.28	7.24
Salinity (psu)	13.41	13.40
CHL (RFU)		
PE (RFU)		

NOTES: small ctenophore in sample

Report Completed by: _____
Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11/7/22
Crew	Jenna, Nicole, Wade G5NE0020
Sample time	1115

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use kestrel to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI ProDSS
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Use site specific white plastic bottles to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, season bottle and dump, then submerge open bottle mouth down approx. 0.3 meters, turn right side up allowing air to escape and water to fill. *Make sure to have sample bottle 'down stream' of tidal flow*
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	2.9	(ft) / m
Secchi	0.3	ft / (m)
Wind	Direction (from): N Speed: 4.0 m/s	
Air Temp (°C)	24.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	25.1	25.0
SpCond	16060	16170
pH	7.62	7.63
DO (%)	76.0	76.7
DO (mg/L)	5.95	6.00
Salinity (psu)	9.42	9.48
CHL (RFU)		
PE (RFU)		

NOTES:

2 ctenophore on filter

Report Completed by: _____
Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 <u>GL1</u> MK
Date	11/7/22
Crew	Jenna, Wade, Nicole G5NE0019
Sample time	1140

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use kestrel to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI ProDSS
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Use site specific white plastic bottles to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. To collect, season bottle and dump, then submerge open bottle mouth down approx. 0.3 meters, turn right side up allowing air to escape and water to fill. *Make sure to have sample bottle 'down stream' of tidal flow*
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	2.3 73	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): N Speed: 4.3 m/s	
Air Temp (°C)	24.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	24.5	24.5
SpCond	3015	3024
pH	7.32	7.33
DO (%)	46.4	47.0
DO (mg/L)	3.84	3.88
Salinity (psu)	1.57	1.57
CHL (RFU)		
PE (RFU)		

NOTES: accidentally added 2 vials of acid to TKN, TP, & TOC bottle

Report Completed by: _____
Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11/7/22
Crew	Jenna Reimer Nicole deVosge
Sample time	12:55 pm

*Sample time indicates time at which water sample are taken via plastic bottles

- ☐ Write date/time/initials on sample bottles
- ☐ Take environmental data
 1. Use kestrel to take air temp reading and wind speed. Click the right arrow 3 times until windspeed reads an average
 2. Include notes on field conditions
- ☐ Take water quality data (0.5 m and 0.5 m from bottom)
 1. YSI ProDSS
- ☐ Collect water sample 0.3 meters from surface to fill sample bottles.
 1. *Use site specific white plastic bottles to take sample and pour into sampling bottles, as they are preserved and cannot be submerged.*
 2. *To collect, season bottle and dump, then submerge open bottle mouth down approx. 0.3 meters, turn right side up allowing air to escape and water to fill. Make sure to have sample bottle 'down stream' of tidal flow*
- ☐ Fill sample bottles, put on ice
- ☐ Pack coolers

Environmental Data		
Water Depth	3.5 ft / m	
Secchi	.45 ft / m	
Wind	Direction (from): NW Speed: 1.4 m/s	
Air Temp (°C)	25.7	
Water Quality		
	Surface	Bottom
Temperature(°C)	25.6°C	25.6°C
SpCond	1018	1021
pH	7.58	7.58
DO (%)	85.1	84.7
DO (mg/L)	6.93	6.89
Salinity (psu)	0.50	0.50
CHL (RFU)		
PE (RFU)		

NOTES:

Report Completed by: _____
Checked by: _____

Entered into computer: ___/___/___