

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	July 11 th 2022
Crew	Justina Dacey Jenna Reimer
Sample time	1:02

*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	2.6	(ft) / m
Secchi	0.7	ft / (m)
Wind	Direction (from): NE Speed: 1.2 m/s	
Air Temp (°C)	31.6	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.7	29.3
SpCond	1602	1615
pH	7.16	7.11
DO (%)	62.3	46.6
DO (mg/L)	4.69	3.59
Salinity (psu)	0.8	0.8
CHL (RFU)	N/A	N/A
PE (RFU)		

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	7/11/22 G5NE0019
Crew	Jenna Reimer + Justina Dacey (UF)
Sample time	1125 *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	0.75	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): SW Speed: 2.0 m/s	
Air Temp (°C)	31.1	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.8	31.1
SpCond	10037	18229
pH	7.21	7.21
DO (%)	2.9	3.7%
DO (mg/L)	0.20	0.25
Salinity (psu)	5.41	10.69
CHL (RFU)		
PE (RFU)		

NOTES:

FWC pushing salt water north to control excess vegetation so this site saltier than normal

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 <u>GL2</u> GL1 MK
Date	7/11/22 G5NE0020
Crew	Jenna Reimer + Justina Dacey (UF)
Sample time	1102 *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	3.1	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): S Speed: 1.6 m/s	
Air Temp (°C)	32.7	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.8	29.7
SpCond	35726	35766
pH	7.59	7.57
DO (%)	45.7	42.8
DO (mg/L)	3.06	2.87
Salinity (psu)	22.41	22.44
CHL (RFU)		
PE (RFU)		

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	7/11/22 G5NE0021
Crew	Jenna Reimer & Justina Dacey
Sample time	1042 *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	3.6	ft / m
Secchi	0.5	ft / m
Wind	Direction (from): S Speed: 9 m/s	
Air Temp (°C)	31.0	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.6	28.6
SpCond	42752	43190
pH	7.91	7.92
DO (%)	82.0	73.1
DO (mg/L)	5.37	4.86
Salinity (psu)	27.36	27.82
CHL (RFU)	_____	_____
PE (RFU)	_____	_____

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	7/11/22
Crew	Jenna Reimer + Justina Dacey G5NE0022
Sample time	1015

*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	3.8	ft / m
Secchi	0.5	ft / m
Wind	Direction (from): S Speed: 3.5 m/s	
Air Temp (°C)	29.3 °C	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.2	29.0
SpCond	47913	48836
pH	8.07	8.05
DO (%)	86.5	82.0
DO (mg/L)	5.55	5.28
Salinity (psu)	31.10	31.76
CHL (RFU)		
PE (RFU)		

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	7/11/22
Crew	Jess/Jenna/Wade
Sample time	0955

*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	3.8	ft / m
Secchi	.4	ft / m
Wind	Direction (from): S Speed: 2.0 m/s	
Air Temp (°C)	30.1	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.5	29.5
SpCond	50380	50491
pH	7.97	7.95
DO (%)	69.7	68.3
DO (mg/L)	4.43	4.32
Salinity (psu)	32.89	32.97
CHL (RFU)		
PE (RFU)		

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	7/11/22
Crew	Jess & Jenna Lee Reimer
Sample time	0853

*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	4.4	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): SW Speed: 3.3 m/s	
Air Temp (°C)	27.8	
Water Quality		
	Surface	Bottom
Temperature(°C)	28.4	28.3
SpCond	49196	49264
pH	7.47	7.42
DO (%)	47.5	42.3
DO (mg/L)	3.09	2.71
Salinity (psu)	32.05	32.11
CHL (RFU)	—	—
PE (RFU)	—	—

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	7/11/22
Crew	Jess & Jenna G5NE0023
Sample time	0844

*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	4.9	ft / m
Secchi	0.65	ft / (m)
Wind	Direction (from): <u>SW</u> Speed: <u>0.8</u> m/s	
Air Temp (°C)	29.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.1	29.0
SpCond	49845	49858
pH	7.42	7.39
DO (%)	56.0	53.6
DO (mg/L)	3.60	3.45
Salinity (psu)	32.51	32.53
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES: Added acid to unfiltered sample in lab @ 0920

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	7/11/22
Crew	Jess & Jenn G5NE0024
Sample time	0828

*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
2. 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	13.5	(ft) / m
Secchi	0.8	ft / (m)
Wind	Direction (from): SE SW (10) Speed: 0.5 m/s	
Air Temp (°C)	29.5	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.5	29.5
SpCond	52435	52559
pH	7.62	7.60
DO (%)	74.5	70.7
DO (mg/L)	4.70	4.46
Salinity (psu)	34.4	34.50
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES:

Added acid to unfiltered sample
@ lab 0920

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	7/30 7/11/22
Crew	Jess & Jenna G5NE0025
Sample time	0805

*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

- ☐ 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	3.4	ft / m
Secchi	0.9	ft / m
Wind	Direction (from): SW Speed: 3.2 m/s	
Air Temp (°C)	27	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.4	29.5
SpCond	52636	53033
pH	7.53	7.43
DO (%)	69.7	77.4
DO (mg/L)	4.38	4.86
Salinity (psu)	34.57	34.84
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES: ^{For} Acid. put in bucket at lab @ 0920

Report Completed by: _____
Checked by: _____

Entered into computer: ____/____/____