

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	7 September 22
Crew	Jenna Jess
Sample time	8:47

*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	ft	m
Secchi	0.45	ft	m
Wind	Direction (from): NW Speed: 1.7 m/s		
Air Temp (°C)	29		
Water Quality			
	Surface	Bottom	
Temperature (°C)	30.4	30	
SpCond	43489	43464	
pH	7.94	7.91	
DO (%)	63.7	62.3 50.1	
DO (mg/L)	4.10	3.97	
Salinity (psu)	27.8	27.8	
CHL (RFU)	-	-	
PE (RFU)	-	-	

NOTES:

Report Completed by: JB

Checked by: _____

Entered into computer: ___/___/___

G5NE0023

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR <u>GR1</u> RN LS GL4 LM GL2 GL1 MK
Date	1 September 22
Crew	Jenna Jess
Sample time	8:42

*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	4.8	<u>ft</u> / m
Secchi	0.65	ft / <u>m</u>
Wind	Direction (from): <u>W</u> Speed: <u>2</u> m/s	
Air Temp (°C)	28.3	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.4	30.4
SpCond	43027	43184
pH	7.47	7.41
DO (%)	50.2	36.4
DO (mg/L)	3.25	2.31
Salinity (psu)	27.54	27.69
CHL (RFU)	-	-
PE (RFU)	-	-

NOTES:

Report Completed by: JR

Checked by: _____

Entered into computer: ____/____/____

G5NE0024

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 <u>GR</u> GR1 RN LS GL4 LM GL2 GL1 MK
Date	7 September 22
Crew	Jenna Jess
Sample time	8:17

*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	15.9	(ft) / m
Secchi	21.15	ft / (m)
Wind	Direction (from): <u>NW</u> Speed: <u>2.6</u> m/s	
Air Temp (°C)	28	
Water Quality		
	Surface	Bottom
Temperature(°C)	29.8	30.1
SpCond	41574	45053
pH	7.43	7.51
DO (%)	61.0	64.5
DO (mg/L)	3.99	4.15
Salinity (psu)	26.52	29.00
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES:

Report Completed by: JR

Checked by: ND

Entered into computer: / /

G5NE0025

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	<u>GR3</u> GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	<u>Sept 9-7-22</u>
Crew	<u>Jenn</u> <u>Jess</u>
Sample time	<u>8:03</u> *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	<u>10.7</u>	<u>ft</u> / m
Secchi	<u>1.1</u>	ft / <u>m</u>
Wind	Direction (from): <u>NW</u> Speed: <u>2.5</u> m/s	
Air Temp (°C)	<u>27.5</u>	
Water Quality		
	Surface	Bottom
Temperature(°C)	<u>29.5</u>	<u>30.0</u>
SpCond	<u>42855</u>	<u>47087</u>
pH	<u>7.48</u>	<u>7.45</u>
DO (%)	<u>64.9</u>	<u>72.3</u>
DO (mg/L)	<u>4.24</u>	<u>4.62</u>
Salinity (psu)	<u>27.45</u>	<u>30.48</u>
CHL (RFU)	<u>—</u>	<u>—</u>
PE (RFU)	<u>—</u>	<u>—</u>

NOTES: fill blank 7:58
field blank

Report Completed by: JR
Checked by: NDIX

Entered into computer: / /

G5NE0019

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 <u>GL1</u> MK
Date	September 7 th 2022
Crew	Jen2 V20E Nivole
Sample time	11:10

*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	0.5	ft / <u>m</u>
Secchi	0.5 0.5	ft / <u>m</u>
Wind	Direction (from): <u>N</u> Speed: <u>3.4</u> m/s	
Air Temp (°C)	30.9	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.2	30.0
SpCond	1016	1021
pH	7.26	7.18
DO (%)	20.0	15.3
DO (mg/L)	1.50	1.16
Salinity (psu)	0.50	0.50
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	September 7 th 2022
Crew	Jenna Nicole
Sample time	12:30 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	4.9	ft / m
Secchi	1.2	ft / m
Wind	Direction (from): SW Speed: 1.1 m/s	
Air Temp (°C)	31.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.9	30.9
SpCond	889	889
pH	7.06	7.31
DO (%)	49.1	49.3
DO (mg/L)	3.64	3.65
Salinity (psu)	0.43	0.43
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 <u>LS</u> GL4 LM GL2 GL1 MK
Date	September 7, 2022
Crew	Jenna N. Cole Wade
Sample time	9:30

*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	2.5	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): N Speed: 3 m/s	
Air Temp (°C)	29.3	
Water Quality		
	Surface	Bottom
Temperature (°C)	30.3	30.3
SpCond	43397	43390
pH	8.00	7.99
DO (%)	78.3	78.6
DO (mg/L)	5.06	5.08
Salinity (psu)	27.81	27.80
CHL (RFU)	-	-
PE (RFU)	-	-

NOTES:

Report Completed by: JB
 Checked by: _____

Entered into computer: ____/____/____

G5NE0022

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS <u>GL4</u> LM GL2 GL1 MK
Date	September 7 th , 2022
Crew	Jenna Wade Nicole
Sample time	9:55

*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	0.4	ft / m
Wind	Direction (from): N Speed: 2.7 m/s	
Air Temp (°C)	30.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.6	30.5 ^{NR}
SpCond	40136	40914
pH	8.09	7.97
DO (%)	81.5	69.6 ^{NR}
DO (mg/L)	5.31	4.52
Salinity (psu)	25.47	26.27
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES:

Report Completed by: JR
 Checked by: _____

Entered into computer: ___/___/___

G5NE0020

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 Sep 22
Crew	Jenae Nicole Wade
Sample time	10:35

*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 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	2.7	ft / m
Secchl	0.4	ft / m
Wind	Direction (from): N Speed: 2.9 m/s	
Air Temp (°C)	31.0	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.6	30.6
SpCond	6387	8739
pH	7.55	7.44
DO (%)	47.6	25.5
DO (mg/L)	3.51	1.85
Salinity (psu)	3.60	4.95
CHL (RFU)	-	-
PE (RFU)	-	-

NOTES:

Report Completed by: [Signature]
 Checked by: _____

Entered into computer: ___/___/___

G5NE0021

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 <u>LM</u> GL2 GL1 MK
Date	7 Sep 22
Crew	Jenny Wade Nicole
Sample time	10:15

*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	3.4	ft / m
Secchi	0.5	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>8.5</u> m/s	
Air Temp (°C)	30.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	30.7	30.7
SpCond	27651	33348
pH	8.04	7.92
DO (%)	83.5	55.1
DO (mg/L)	5.70	3.66
Salinity (psu)	16.91	20.74
CHL (RFU)	—	—
PE (RFU)	—	—

NOTES:

Report Completed by: JR

Checked by: _____

Entered into computer: ___/___/___