JP –DMT –3/3/2022

RQ –2022 –02 –14 –19

G5NE0025

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	**GR3** GR GR1 RN LS GL4 LM GL2 GL1 MK	
Date	2/14/22	
Crew	Olivia Nicole Jenna	
Sample time	8:23	*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	10.8	(ft) / m
Secchi	1.7	ft / (m)
Wind	Direction (from): N Speed: 4.5 m/s	
Air Temp (°C)	7	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	13.9	14.1
SpCond	47932	49257
pH	7.86	7.88
DO (%)	98.3	99.9
DO (mg/L)	8.37	8.41
Salinity (ppt)	31.20	32.18
CHL (RFU)	0.98	0.87
PE (RFU)	2.81	2.33

NOTES: Kestrel not reading Air Temp - Batteries dying

Report Completed by: OR

Checked by: _____

Entered into computer: 2/16/22

G5NE0024

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK	
Date	2/14/24	
Crew	Olivia Nicole Jenna	
Sample time	8:45	*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	6.2 (ft) / m	
Secchi	1.4 ft / (m)	
Wind	Direction (from): N Speed: 1.5 m/s	
Air Temp (°C)	8.5	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	13.9	14.0
SpCond	45729	45914
pH	7.78	7.74
DO (%)	96.2	96.9
DO (mg/L)	8.27	8.30
Salinity (ppt)	29.66	29.81
CHL (RFU)	0.99	1.25
PE (RFU)	2.61	3.18

NOTES:

Report Completed by: _____ Entered into computer:___/___/____

Checked by: _____

G5NE0023

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR (GR1) RN LS GL4 LM GL2 GL1 MK	
Date	2/14/22	
Crew	Olivia Jenna Nicole	
Sample time	9:12	*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	5.2	(ft) / m
Secchi	1.2	ft / (m)
Wind	Direction (from): NI Speed: 4.4 m/s	
Air Temp (°C)	8.8	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	13.3	14.1
SpCond	41193	43074
pH	7.75	7.64
DO (%)	89.5	92.8
DO (mg/L)	7.93	7.98
Salinity (ppt)	26.40	27.52
CHL (RFU)	1.44	1.32
PE (RFU)	3.60	3.27

NOTES:

Report Completed by: _____ Entered into computer: ___/___/____

Checked by: _____

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 (RN) LS GL4 LM GL2 GL1 MK	
Date	2/14/22	
Crew	Olivia Nicole Jenna	
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 **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	3.3 (ft) / m	
Secchi	1.1 ft / (m)	
Wind	Direction (from): N Speed: 3.8 m/s	
Air Temp (°C)	9.2	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	14.5	14.3
SpCond	41739	42209
pH	7.69	7.65
DO (%)	87.4	90.6
DO (mg/L)	7.55	7.80
Salinity (ppt)	26.81	27.19
CHL (RFU)	1.08	1.55
PE (RFU)	2.88	3.79

NOTES:

Report Completed by: BR

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	2/14/22	
Crew	Olivia Nicole Jenna	
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 **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	3.6 (ft) / m	
Secchi	0.7 ft / (m)	
Wind	Direction (from): N Speed: 4.5 m/s	
Air Temp (°C)	9.5	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	12.5	
SpCond	32636	
pH	7.98	
DO (%)	97.6	
DO (mg/L)	9.13	
Salinity (ppt)	20.41	
CHL (RFU)	1.45	
PE (RFU)	4.00	

NOTES: Too shallow for Bottom & Surface

Report Completed by: OR Entered into computer: ___/___/____

Checked by: _____

G5NE0022

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS (GL4) LM GL2 GL1 MK	
Date	2/14/22	
Crew	Olivia Nicole JennA	
Sample time	10:55	*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 **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	3.1	(ft) / m
Secchi	0.4	ft / (m)
Wind	Direction (from): N Speed: 4.5 m/s	
Air Temp (°C)	10.3	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	13.8	13.8
SpCond	30796	30749
pH	8.11	8.08
DO (%)	101.1	102.4
DO (mg/L)	9.28	9.40
Salinity (ppt)	19.17	19.15
CHL (RFU)	1.42	2.17
PE (RFU)	4.22	5.87

NOTES:

Report Completed by: OR Entered into computer:__/__/____

Checked by: _____

G5NE0021

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 (LM) GL2 GL1 MK	
Date	2/14/22	
Crew	Olivia Nicole Jenna	
Sample time	11:29	*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	2.9 (ft) / m	
Secchi	0.5 ft / (m)	
Wind	Direction (from): N Speed: 3.5 m / s	
Air Temp (°C)	10	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	12.7	12.8
SpCond	24441	28027
pH	7.93	7.83
DO (%)	100.3	99.5
DO (mg/L)	9.75	9.43
Salinity (ppt)	15.00	17.26
CHL (RFU)	3.85	3.64
PE (RFU)	12.40	10.58

NOTES:

Report Completed by: OK

Checked by: _____

Entered into computer: ___/___/____

G5NE0020

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM (GL2) GL1 MK	
Date	2/14/22	
Crew	Olivia Nicole Jenna	
Sample time	~~11:28~~ 11:58	*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	2.9	(ft) / m
Secchi	0.5	ft / (m)
Wind	Direction (from): N Speed: 3.0 m/s	
Air Temp (°C)	10.5	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	13.0	12.9
SpCond	13300	13130
pH	7.80	7.60
DO (%)	96.9	97.7
DO (mg/L)	9.73	9.82
Salinity (ppt)	7.70	7.63
CHL (RFU)	6.70	8.15
PE (RFU)	20.71	25.61

NOTES:

Report Completed by: OK

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	7/14/22	
Crew	Olivia	
Sample time	13:33	*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	4.5 (ft) / m	
Secchi	0.8 ft / (m)	
Wind	Direction (from): NE Speed: 1.1 m/s	
Air Temp (°C)	11.9	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	14.2	14.1
SpCond	769	770
pH	7.56	7.57
DO (%)	94.8	94.8
DO (mg/L)	9.70	9.69
Salinity (ppt)	0.38	0.38
CHL (RFU)	5.66	5.82
PE (RFU)	13.24	13.28

NOTES:

Report Completed by: _____ Entered into computer:___/___/____

Checked by: _____

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK	
Date		
Crew		
Sample time		*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	ft / m	
Secchi	ft / m	
Wind	Direction (from): _____ Speed: _____ m / s	
Air Temp (°C)		
Water Quality	*Surface*	*Bottom*
Temperature(°C)		
SpCond		
pH		
DO (%)		
DO (mg/L)		
Salinity (ppt)		
CHL (RFU)		
PE (RFU)		

NOTES:

Report Completed by: _____ Entered into computer:___/___/____

Checked by: _____