

RQ-2021-11-29-12

LIMs QC: BD 02/09/2022
upload 31065 JP-2/11/2022

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	12/01/21
Crew	EMMA & Olivia
Sample time	7:07

*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	11.1	ft / m
Secchi	1.6	ft / m
Wind	Direction (from): N Speed: 0.6 m/s	
Air Temp (°C)	13.9	
Water Quality		
	Surface	Bottom
Temperature(°C)	15.4	16.3
SpCond	43273	47676
pH	7.74	7.50
DO (%)	88.7	95.1
DO (mg/L)	7.45	7.72
Salinity (ppt)	28.05	31.11
CHL (RFU)	1.04	1.37
PE (RFU)	2.90	3.85

NOTES: slum on top of the water

Report Completed by: OR

Checked by: EW

Entered into computer: 12/13/21

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	12/01/21
Crew	EMMA & Olivia
Sample time	7:27

*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	17.3	ft / m
Secchi	1.4	ft / m
Wind	Direction (from): W Speed: 0.4 m/s	
Air Temp (°C)	15.1	
Water Quality		
	Surface	Bottom
Temperature(°C)	15.2	16.0
SpCond	42182	45594
pH	7.78	7.83
DO (%)	87.9	91.3
DO (mg/L)	7.49	7.53
Salinity (ppt)	27.13	29.58
CHL (RFU)	1.16	1.25
PE (RFU)	3.35	3.66

NOTES:

Water Surface Scum

Report Completed by: OR

Checked by: SW

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	12/01/21
Crew	Emma & Olivia
Sample time	7:46

*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	5.9	ft / m
Secchi	0.9	ft / m
Wind	Direction (from): _____ Speed: 0.0 m/s	
Air Temp (°C)	14.6	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.8	15.3
SpCond	38295	39360
pH	7.64	7.64
DO (%)	81.2	86.1
DO (mg/L)	7.07	7.39
Salinity (ppt)	24.25	25.12
CHL (RFU)	1.62	1.58
PE (RFU)	4.13	3.99

NOTES:

Report Completed by: EW OR
 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	12/1/21
Crew	Edna & Olivia
Sample time	8:00

*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	3.7	ft / m
Secchi	.8	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>0.8</u> m/s	
Air Temp (°C)	12.6	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.9	15.2
SpCond	37540	38330
pH	7.61	7.55
DO (%)	77.0	78.5
DO (mg/L)	6.74	6.77
Salinity (ppt)	23.73	24.39
CHL (RFU)	1.92	1.75
PE (RFU)	4.62	4.25

NOTES:

TKN/NH3 bottle accidentally filled in the field, dumped, → refilled with acid from DEP after lab filter.

Report Completed by: OR
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	12/1/2021
Crew	Olivia, Emma, Kaitlyn, Wade
Sample time	9:13 AM

*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	3.2	(ft) / m
Secchi	0.6	ft / (m)
Wind	Direction (from): <u>N</u> Speed: <u>2.1</u> m/s	
Air Temp (°C)	15.1	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.4	15.2
SpCond	28746	29685
pH	8.09	7.95
DO (%)	97.5	90.3
DO (mg/L)	8.93	8.07
Salinity (ppt)	17.77	18.42
CHL (RFU)	3.76	7.05
PE (RFU)	8.25	13.03

NOTES:

Report Completed by: KD
 Checked by: EW

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	12/1/2022
Crew	Olivia, Emma, Kaitlyn, Wade
Sample time	8:55 AM

*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	0.5	ft / (m)
Wind	Direction (from): NE N Speed: 1.6 m/s	
Air Temp (°C)	13.9	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.2	14.2
SpCond	29276	29546
pH	8.08	8.01
DO (%)	98.2	98.0
DO (mg/L)	9.00	8.97
Salinity (ppt)	18.15	18.26
CHL (RFU)	3.38	5.57
PE (RFU)	7.89	10.78

NOTES:

Report Completed by: KD
 Checked by: OR

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	12/1/2021
Crew	Olivia, Emma, Kaitlyn, Wade
Sample time	9:35 AM

*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	2.9	(ft) / m
Secchi	0.5	ft / (m)
Wind	Direction (from): <u>N</u> Speed: <u>2.2</u> m/s	
Air Temp (°C)	16.5	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.2	15.3
SpCond	23760	25979
pH	8.17	8.02
DO (%)	98.1	87.6
DO (mg/L)	9.23	7.99
Salinity (ppt)	14.44	15.93
CHL (RFU)	3.76	9.45
PE (RFU)	8.66	18.35

NOTES:

Report Completed by: KD
 Checked by: EW

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	12/1/2021
Crew	Olivia, Emma, Kaitlyn, Wade
Sample time	9:59 AM

*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	2.5	(ft) / m
Secchi	0.7	ft / (m)
Wind	Direction (from): <u>N</u> Speed: <u>2.5</u> m/s	
Air Temp (°C)	17.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.9	14.9
SpCond	15700	18405
pH	7.84	7.86
DO (%)	84.4	85.5
DO (mg/L)	8.06	8.14
Salinity (ppt)	9.36	9.69
CHL (RFU)	3.72	20.64 6.63
PE (RFU)	8.83	16.50

NOTES:

lot of jellies in water

Report Completed by: KD
Checked by: EW

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	12/1/2021
Crew	Olivia, Emma, Kaitlyn, Wade
Sample time	10:20AM

*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	0.5	ft / m
Secchi	1.2	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>2.2</u> m/s	
Air Temp (°C)	17.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.1	
SpCond	795	
pH	7.82	
DO (%)	84.0	
DO (mg/L)	8.60	
Salinity (ppt)	0.39	
CHL (RFU)	2.31	
PE (RFU)	5.45	

NOTES:

Secchi - used a tube - could still see, but filled secchi tube.
Very clear

Report Completed by: KD
Checked by: EW

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	12/1/2021
Crew	Olivra, Kaitlyn
Sample time	12:00

*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	1.1	ft / (m)
Secchi	0.3 w/ veg	ft / (m)
Wind	Direction (from): <u>N</u> Speed: <u>0.7</u> m/s	
Air Temp (°C)	20.4	
Water Quality		
	Surface	Bottom
Temperature(°C)	14.1	14.2
SpCond	780	781
pH	7.42	7.65
DO (%)	49.1	51.3
DO (mg/L)	5.04	5.22
Salinity (ppt)	0.38	0.39
CHL (RFU)	3.05	2.55
PE (RFU)	6.59	6.14

NOTES:

water not flowing over the weir; lots of SAV;
Stagnant

Report Completed by: KD
Checked by: OR

Entered into computer: / /