

RQ-2021-11-01-42

LIMS QC'd: BD 02/09/22
31067 upload 2/11/2022 JP

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 GL1 MK
Date	11/03/21
Crew	Olivia & Emma
Sample time	8:55

*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	12.1	ft / m
Secchi	1.2	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>3.4</u> m/s	
Air Temp (°C)	20.9	
Water Quality		
	Surface	Bottom
Temperature(°C)	22.5	23.0
SpCond	49204	51198
pH	7.88	7.85
DO (%)	92.3	95.8
DO (mg/L)	6.64	6.76
Salinity (ppt)	32.25	33.66
CHL (RFU)	1.46	1.67
PE (RFU)	5.32	6.02

NOTES:

 Report Completed by: EW
 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	11/03/21
Crew	Olivia & Emma
Sample time	9:15

*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 **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	11.2	(ft) / m
Secchi	1.3	ft / (m)
Wind	Direction (from): N Speed: 1.5 m/s	
Air Temp (°C)	20.9	
Water Quality		
	Surface	Bottom
Temperature(°C)	21.9	22.6
SpCond	46433	49538
pH	7.78	7.86
DO (%)	86.7	90.8
DO (mg/L)	6.38	6.51
Salinity (ppt)	30.19	32.44
CHL (RFU)	1.59	2.27
PE (RFU)	5.49	7.69

NOTES:

Report Completed by: OR
 Checked by: _____

Entered into computer: __/__/__

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	GR3 GR <u>GR1</u> RN LS GL4 LM GL2 GL1 MK
Date	11/03/21
Crew	Olivia & EMMA
Sample time	9:31

*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	6.6	<u>ft</u> / m
Secchi	1	ft / <u>m</u>
Wind	Direction (from): <u>N</u> Speed: <u>2.7</u> m/s	
Air Temp (°C)	21	
Water Quality		
	Surface	Bottom
Temperature(°C)	20.7	21.3
SpCond	37455	42739
pH	7.58	7.54
DO (%)	80.3	79.8
DO (mg/L)	6.27	6.00
Salinity (ppt)	23.72	27.54
CHL (RFU)	1.71	1.31
PE (RFU)	5.31	4.57

NOTES:

Report Completed by: OR
 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	11/03/21
Crew	Olivia & Emma
Sample time	9:45

*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 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	4.9	ft / m
Secchi	0.95	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>3.4</u> m/s	
Air Temp (°C)	21.3	
Water Quality		
	Surface	Bottom
Temperature(°C)	21.3	21.1
SpCond	39296	39729
pH	7.48	7.46
DO (%)	71.4	75.6
DO (mg/L)	5.45	5.79
Salinity (ppt)	25.08	25.41
CHL (RFU)	1.45	1.44
PE (RFU)	4.39	4.71

NOTES:

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 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	11/03/21
Crew	Olivia & Emma
Sample time	10:38

*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	2.5	(ft) / m
Secchi	0.6	ft / (m)
Wind	Direction (from): N Speed: 4.3 m/s	
Air Temp (°C)	22.1	
Water Quality		
	Surface	Bottom
Temperature(°C)	20.8	
SpCond	30461	
pH	7.75	
DO (%)	86.4	
DO (mg/L)	6.84	
Salinity (ppt)	19.75	
CHL (RFU)	2.67	
PE (RFU)	8.18	

NOTES:

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 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	11/03/21
Crew	Olivia Emma
Sample time	11:00

*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
 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	3.2	(ft) / m
Secchi	0.7	ft / (m)
Wind	Direction (from): N Speed: 5 m/s	
Air Temp (°C)	21	
Water Quality		
	Surface	Bottom
Temperature(°C)	20.9	21.2
SpCond	27360	32287
pH	7.92	7.66
DO (%)	92.8	79.8
DO (mg/L)	7.33	6.42
Salinity (ppt)	16.84	18.45
CHL (RFU)	3.55	4.36
PE (RFU)	11.31	14.14

NOTES:

Comb Jelly in filter #

Report Completed by: OR

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	11/03/21
Crew	Olivia & Emma
Sample time	11:26

*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	2.8	ft / m
Secchi	0.4	ft / m
Wind	Direction (from): N Speed: 4.5 m/s	
Air Temp (°C)	21.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	21.2	21.2
SpCond	18647	18673
pH	7.94	7.93
DO (%)	85.8	85.5
DO (mg/L)	7.15	7.11
Salinity (ppt)	11.07	11.09
CHL (RFU)	7.75	8.68
PE (RFU)	20.76	21.51

NOTES:

Report Completed by: af
 Checked by: ELW

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	11/23/21
Crew	Olivia & Emma
Sample time	11:57

*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	2.5	ft / m
Secchi	0.55	ft / m
Wind	Direction (from): N Speed: 3.4 m/s	
Air Temp (°C)	22.7	
Water Quality		
	Surface	Bottom
Temperature(°C)	21.8	21.7
SpCond	9828	9785
pH	8.03	7.99
DO (%)	91.5	91.7
DO (mg/L)	7.78	7.80
Salinity (ppt)	5.55	5.51
CHL (RFU)	7.44	8.01
PE (RFU)	19.87	21.24

NOTES:

Report Completed by: OR
 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	11/03/21
Crew	Olivia & Emma
Sample time	12:20

*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	0.45	ft / m
Secchi	0.83	ft / m
Wind	Direction (from): N Speed: 2.5 m/s	
Air Temp (°C)	23.5	
Water Quality		
	Surface	Bottom
Temperature(°C)	21.7	
SpCond	712	
pH	7.56	
DO (%)	62.5	
DO (mg/L)	5.49	
Salinity (ppt)	0.35	
CHL (RFU)	5.44	
PE (RFU)	12.93	

NOTES:

Lots of SAV from GL1 → GL2

Report Completed by: OR
 Checked by: FW

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	11/03/21
Crew	Olivia
Sample time	13:40

*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	3.6	ft / m
Secchi	0.9	ft / m
Wind	Direction (from): <u>N</u> Speed: <u>1.9</u> m/s	
Air Temp (°C)	24.2	
Water Quality		
	Surface	Bottom
Temperature(°C)	22.1	22.1
SpCond	708	708
pH	7.23	7.36
DO (%)	35.9	37.2
DO (mg/L)	3.12	3.28
Salinity (ppt)	0.35	0.35
CHL (RFU)	5.02	5.10
PE (RFU)	13.55	12.19

NOTES:

Report Completed by: OR
 Checked by: _____

Entered into computer: ___/___/___