JP –7/14

rq-2022-05-09-11

Guana River/Lake Field Data Sheet – Nutrient Run

Site (circle one)	**GR3** GR GR1 RN LS GL4 LM GL2 GL1 MK	
Date	May 12th, 2022	
Crew	Olivia Roorbach Jenna Reimer	**G5NE0025**
Sample time	7:25	*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	12.0	(ft) / m
Secchi	0.9	ft / (m)
Wind	Direction (from): NNW Speed: ~~[illegible]~~ m/s 4.4 JR	
Air Temp (°C)	21.0	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	23.0	23.1
SpCond	53092	~~[illegible]~~53211
pH	7.97	7.97
DO (%)	95.2	95.6
DO (mg/L)	6.67	6.69
Salinity (ppt)	35.06	35.15
CHL (RFU)	1.17	1.44
PE (RFU)	3.70	4.26

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	May 12th 2022	
Crew	OR JR G5NE0024	
Sample time	7:50	*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	6.7 (ft) / m	
Secchi	0.8 ft / (m)	
Wind	Direction (from): NNW Speed: 0.5 m/s	
Air Temp (°C)	20.8	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	23.0	23.1
SpCond	52416	52909
pH	7.89	7.93
DO (%)	90.1	91.9
DO (mg/L)	6.34	6.44
Salinity (ppt)	34.55	34.93
CHL (RFU)	1.26	1.82
PE (RFU)	3.83	5.88

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	May 12th 2022	
Crew	Olivia Roarbach Jana Reno	G5NE0023
Sample time	8:14	*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	6.9 (ft) / m	
Secchi	0.6 ft / (m)	
Wind	Direction (from): NNW Speed: 4.9 m/s	
Air Temp (°C)	21.0	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	23.0	23.0
SpCond	51057	51091
pH	7.70	7.66
DO (%)	81.7	80.0
DO (mg/L)	5.75	5.64
Salinity (ppt)	33.54	33.57
CHL (RFU)	1.59	2.03
PE (RFU)	4.65	5.60

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	May 12th 2022	
Crew	Jenna Remm Olivia Roorbach	
Sample time	8:33	*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	4.4	(ft) / m
Secchi	0.5	ft / (m)
Wind	Direction (from): N/A/W Speed: 3.7 m/s	
Air Temp (°C)	21.1	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.8	23.0
SpCond	50244	50710
pH	7.48	7.51
DO (%)	68.4	72.9
DO (mg/L)	4.88	5.15
Salinity (ppt)	33.00	33.31
CHL (RFU)	2.67	4.09
PE (RFU)	8.00	10.48

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	5/12/22	
Crew	Olivia Jenna Justin	
Sample time	9:40	*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 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	3.8	(ft) / m
Secchi	.5	ft / (m)
Wind	Direction (from): N Speed: 2.9 m/s	
Air Temp (°C)	22.6	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.2	22.3
SpCond	41303	42948
pH	7.84	7.79
DO (%)	90.2	90.0
DO (mg/L)	6.73	6.66
Salinity (ppt)	26.53	27.80
CHL (RFU)	2.07	2.44
PE (RFU)	5.48	6.50

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	5/12/22	
Crew	Olivia Jenna Justin G5NE0022	
Sample time	10:03	*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: 5.1 m/s	
Air Temp (°C)	22.4	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.4	22.4
SpCond	37983	39403
pH	7.98	7.9
DO (%)	98.7	97.1
DO (mg/L)	7.45	7.16
Salinity (ppt)	24.08	25.79
CHL (RFU)	2.44	2.95
PE (RFU)	6.63	7.71

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 GL3.5 LM GL2 GL1 MK
Date	5/12/22
Crew	Olivia Jenna Justin
Sample time	10:22

*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: 4.0 m/s	
Air Temp (°C)	22.4	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.4	22.5
SpCond	32171	32950
pH	8.00	7.96
DO (%)	96.5	93.8
DO (mg/L)	7.47	7.27
Salinity (ppt)	20.09	20.36
CHL (RFU)	3.09	3.55
PE (RFU)	6.22	9.37

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	5/12/22	
Crew	Olivia Jenna Justin G5NE0021	
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 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	3.4	(ft) / m
Secchi	0.5	ft / (m)
Wind	Direction (from): N Speed: 5.0 m/s	
Air Temp (°C)	22.2	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.6	22.5
SpCond	28028	28022
pH	7.96	7.95
DO (%)	96.9	97.1
DO (mg/L)	7.58	7.59
Salinity (ppt)	17.27	17.27
CHL (RFU)	3.89	4.16
PE (RFU)	10.12	11.18

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 (GL2.5) GL2 GL1 MK	
Date	5/2/22	
Crew	Olivia Jenna Justin	
Sample time	11:02	*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 **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	2.6	(ft) / m
Secchi	0.4	ft / (m)
Wind	Direction (from): N Speed: 5.1 m/s	
Air Temp (°C)	21.9	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.5	22.5
SpCond	25446	25452
pH	7.93	7.88
DO (%)	93.0	90.1
DO (mg/L)	7.38	7.15
Salinity (ppt)	15.52	15.55
CHL (RFU)	4.59	4.76
PE (RFU)	12.46	12.83

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	May 12th 2022	
Crew	Olivia Jenna Justin G5NE0020	
Sample time	11:23	*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	2.7	(ft) / m
Secchi	0.4	ft / (m)
Wind	Direction (from): N Speed: 4.5 m/s	
Air Temp (°C)	22.3	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.9	22.9
SpCond	20109	20050
pH	8.00	8.00
DO (%)	89.0	90.0
DO (mg/L)	7.13	7.22
Salinity (ppt)	12.02	12.06
CHL (RFU)	4.36	4.38
PE (RFU)	11.14	11.15

NOTES:

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

Checked by: _____

Guana River/Lake Field Data Sheet – Nutrient Run

GL 1.5

Site (circle one)	GR3 GR GR1 RN LS GL4 LM GL2 (GL1) MK	
Date	May 12th 2022	
Crew	Olivia Jenna Justin	
Sample time	11:39	*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	2.6	(ft) / m
Secchi	0.5	ft / (m)
Wind	Direction (from): N Speed: 6.0 m/s	
Air Temp (°C)	22.5	

Water Quality	*Surface*	*Bottom*
Temperature(°C)	23.2	23.2
SpCond	15312	15415
pH	7.97	7.95
DO (%)	78.8	80.4
DO (mg/L)	6.42	6.51
Salinity (ppt)	8.92	8.98
CHL (RFU)	3.98	3.91
PE (RFU)	10.30	10.18

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	May 12th 2022	
Crew	Jenn2 Olivia Justin G5NE0019	
Sample time	11:55	*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	2.6 (ft) / m	
Secchi	0.5 ft / (m)	
Wind	Direction (from): N Speed: 4.3 m / s	
Air Temp (°C)	23.3	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	22.6	
SpCond	1712	
pH	9.18	
DO (%)	113.0	
DO (mg/L)	9.71	
Salinity (ppt)	0.86	
CHL (RFU)	4.50	
PE (RFU)	12.21	

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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	5/12/22	
Crew	Olivia Jenna	
Sample time	13:58	*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	3.3 (ft) / m	
Secchi	1.3 ft / (m)	
Wind	Direction (from): NE Speed: 1.5 m/s	
Air Temp (°C)	23.8	
Water Quality	*Surface*	*Bottom*
Temperature(°C)	23.5	22.7
SpCond	1008	1006
pH	8.19	8.05
DO (%)	64.7	52.1
DO (mg/L)	5.51	4.47
Salinity (ppt)	0.50	0.50
CHL (RFU)	4.58	4.66
PE (RFU)	10.33	10.99

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: _____