

RQ-2018-07-09-08

Log-in Checklist

Login Station ID: # 3

Shipping Method: FedEx | UPS | HD | Greyhound |Date/Time of Receipt: 07/12/2018 / 10:15

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
<u>Red</u>	<u>3.85</u>	<u>8</u>		<u>X</u>			
<u>Red</u>	<u>2.1C</u>	<u>11</u>		<u>X</u>			
<u>Red</u>	<u>1.1C</u>	<u>12</u>		<u>X</u>			

*If the temperature of a cooler is above 6.0 °C (or above 10.0 °C for W-1-4-DIOX), or if Evidence Seal is damaged, identify the containers in the affected cooler(s) on back of this form.

**Note: If "No" is checked in any of the fields below, fill out the back of this form with additional details (Field ID, Test IDs, etc.) and generate an NCR.

**Chain of Custody/ Field Sheet(s) Included? Yes X No

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes No X Date

CONTAINER CHECK

**Evidence Tape on Bottles? Yes No X If yes, is it intact? Yes No

**Caps on tight? Yes X No **Containers intact? Yes X No

**Sufficient Sample Volume: Yes X No

CHLORINE CHECK REQUIRED? (Blue dot on container) Yes No X Init: ABS

Check the Box marked "Yes" or "No" for the Presence of Chlorine. If Cl detected, an NCR is required.					
Analysis	Yes	No	Analysis	Yes	No
W-1,4 DIOX			W-PC-AA-SF		
W-E8321-DI, -MS, -21			W-NP-AA-SF		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PCL-SQ-R		
W-U2060-MS			W-TR-TQ		
W-PCB-R			W-CT-CI-R		
W-PAH (-R)			W-PSNP-TQ		

PRESERVATION CHECK (EXCLUDING SAMPLES SENT TO OVERFLOW LABS, "OV-")

**Acid Preserved Samples: pH ≤ 2.0? Yes X No NA Init: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes No NA X Init: ABS

Coolers Unpacked/Checked by: ABS Date: 07/12/2018

NCRs (Y/N)?

Event ID: GTM NERR-Guana River SMP = 7 Sit
NE-DIST-2018-07-12-02 (SMP)
 Date Received: 12-JUL-2018 10:15

NCR #

Log-in Checklist

Samples with Incorrect pH Preservation or presence of Chlorine

Field ID	Bottle Test ID(s)	pH / Cl	Action Taken

Samples in Coolers with Incorrect Preservation or Damaged Evidence Tape

Cooler ID	Field ID	Bottle Test ID(s)

Bottles Not Intact

Field ID	Bottle Test ID(s)	Loose Cap	Damaged Cap		Damaged Container		Evidence Tape Not Intact
			CK	BR	CK	BR	

Samples with Insufficient Volume for Analyses

Field ID	Bottle Test ID(s)	Action Taken

Additional Comments:

Infrared Thermometer ID:	REC_03_2018
pH Paper 0.0 – 3.0 Lot #	230515 EXP:10/30/2018
pH Paper 0 – 13 Lot #	222516 EXP:09/15/2019
Chlorine Test Strips Lot #	8062 EXP:2020/12

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes _____ No X

Date and time placed in freezer _____

Were all samples placed in freezer within 48 hours of collection? Yes _____ If No _____

no, were samples shipped on dry ice? Yes _____ No _____

FOR CLEAN LAB USE ONLY – Total Mercury Preservation Check (W-HG-AF; W-HG-AF-F):

Samples preserved within 48 hours? Yes _____ No _____

Date and time samples preserved: _____

GTM NERR-Guana River SMP = 7 Sites + 1 Field Blank

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Alicia Hogue

Field Report Prepared By: J. Tomarini

Project ID: SMP

Collected By: J. Tomarini Hunter Mathews

Sampling Agency: FDEP/GTM

Location DEP GR3		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 9:03		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID GTMGR3NUT		Matrix (type, e.g., Salt, Fresh, etc) Estuary		Diss. Oxygen 70.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # GTMGR3NUT		Temp (C) 29.2	pH 7.17	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 39222		
Latitude 29.9921	☒ dd ☐ dms	Longitude -81.3214	☒ dd ☐ dms	Salinity (ppt) 24.86	Comments			
Location DEP GR2		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 9:35		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) A
Field ID GTMGRNUT		Matrix (type, e.g., Salt, Fresh, etc) Estuary		Diss. Oxygen 62.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # GTMGRNUT		Temp (C) 29.4	pH 7.15	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 36909		
Latitude 29.99847	☒ dd ☐ dms	Longitude -81.3261	☒ dd ☐ dms	Salinity (ppt) 23.25	Comments			
Location DEP GR1		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 9:59		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) A
Field ID GTMGR1NUT		Matrix (type, e.g., Salt, Fresh, etc) Estuary		Diss. Oxygen 52.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # GTMGR1NUT		Temp (C) 29.5	pH 7.12	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 33680		
Latitude 30.0168	☒ dd ☐ dms	Longitude -81.3276	☒ dd ☐ dms	Salinity (ppt) 21.0	Comments			
Location DEP GL 4		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 11:10		☒ Eastern ☐ Central	Composite end Date Time		Bottle Group(s) A
Field ID GTMGL4NUT		Matrix (type, e.g., Salt, Fresh, etc) estuary		Diss. Oxygen 78.9	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # GTMGL4NUT		Temp (C) 30.4	pH 7.53	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 13386		
Latitude 30.0451	☒ dd ☐ dms	Longitude -81.3351	☒ dd ☐ dms	Salinity (ppt) 7.65	Comments			

Relinquished By: N DIX	Date/Time 7/11/18 16:30	Shipping Method FedEx	Number of Coolers Shipped: 3	Received By: [Signature]	Date/Time 7-12-18 10:15
---------------------------	----------------------------	--------------------------	---------------------------------	-----------------------------	----------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
ALKALINITY							
TURBIDITY							
W-F							
W-TSS							
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	7
CHLSUITE-W							
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
ENT-24-QT							
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	7
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
W-TOC							
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	FILTER-H2SO4-ICE	Enter Number of Bottles Sent to Lab	
W-TKN-F							
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
ALKALINITY							
TURBIDITY							
W-F							
W-TSS							
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
ENT-24-QT							
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
W-NH3							
W-NO2NO3							
W-S-A-TP							
W-TKN							
W-TOC							

GTM NERR-Guana River SMP = 7 Sites + 1 Field Blank

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NE-DIST

Requester: Alicia Hogue

Field Report Prepared By: J. Tomatinis

Project ID: SMP

Collected By: Hunter Mathews

Sampling Agency: FDEP/GTM

Location DEP GL3		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 11:45	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)	
Field ID GTMLMNUT		Matrix (type, e.g., Salt, Fresh, etc) brackish		Diss. Oxygen 71.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET # GTMLMNUT		Temp (C) 30.6	pH 7.60	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 7131	
Latitude 30.08302	☒ dd ☐ dms	Longitude -81.3429	☒ dd ☐ dms	Salinity (ppt) 3.88			Comments
Location DEP GL2 DEP GL2		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 12:22	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID GTMGL2NUT		Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 98.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET # GTMGL2NUT		Temp (C) 30.8	pH 7.97	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 2198	
Latitude 30.1161 30.11614	☒ dd ☐ dms	Longitude -81.35159 -81.35159	☒ dd ☐ dms	Salinity (ppt) 1.11			Comments
Location DEP GL1		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 7/11/18 Time 12:50	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID GTMGL1NUT		Matrix (type, e.g., Salt, Fresh, etc) fresh		Diss. Oxygen 123.3	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET # GTMGL1NUT		Temp (C) 31.5	pH 8.11	Sample Depth 0.3	☐ ft ☒ m	Sp. Conductance (umho/cm) 807	
Latitude 30.15054 30.15054	☒ dd ☐ dms	Longitude -81.36008 -81.36008	☒ dd ☐ dms	Salinity (ppt) 0.39			Comments
Location Field Blank		☐ Comp ☐ Grab	Collection (comp begin or grab) Date 7/11/18 Time 9:03	☒ Eastern ☐ Central	Composite end Date _____ Time _____	Bottle Group(s)	
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
WIN/STORET #		Temp (C)	pH	Sample Depth	☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude	☐ dd ☐ dms	Longitude	☐ dd ☐ dms	Salinity (ppt)			Comments C H L SUITE - W containing received. ABF

Relinquished By: N DIX	Date/Time 7/11/18 16:30	Shipping Method Fed Ex	Number of Coolers Shipped: 3	Received By: ABF	Date/Time 7-12-18/10:15
----------------------------------	-----------------------------------	----------------------------------	--	----------------------------	-----------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-500ML	# of Bottles: 7	Preservative:	FILTER-H2SO4-I CE	Enter Number of Bottles Sent to Lab _____
	W-TKN-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	ENT-24-QT					
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: _____

Date: 7/11/2018
(mm/dd/yyyy)

WIN/ Field ID: GTMGRINUT

WBID: 2320

Latitude: 30.0168

County: St Johns

ORG ID: 21FLA

Longitude: -81.3276
(Decimal Degrees)

Receiving Body of Water: _____

RQ-2018- 07-09-08

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Nikki Dix									
Jimmy Tomazinis					X				
Hunter Mathews						X	X	X	

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with _____		
Equipment ID _____		

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☒ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / (Normal) High / Flooded Meter ID# _____ Matrix: Fresh / (Marine) DI

Photos: (yes) No Flow: No Flow / Interstitial / (Flowing) NA Tide: Rising (Falling) Slack/ NA Tide Times: High _____ Low _____

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	9:59	12.5ft	0.3	1.0	4.21	62.6	7.15	23.25	36909	29.4
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other: _____

SBIO ID Numbers: SBIO-ID: _____ HA-ID: _____ RPS-ID: _____ Macrophyte-ID: _____ LIMS#: _____

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CH-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☒ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

H2SO4
LOT# SA8085170
EXP: 03/26/19

Notes: _____

Place Label Here

Signature: Nikki Dix Date: 7/11/18

Enter Field Parameters, Verify Station ID in LIMS DMT: _____ QC Station ID, Field Parameters in LIMS DMT: _____

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data in WIN: _____



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name:

Date: 7/11/2018

WIN/ Field ID: GTMGRNUT

WBID: 2320

Latitude: 29.99847

County: St Johns

ORG ID: 21FLA

Longitude: -81.3261

Receiving Body of Water: Guana River

RQ-2018- 07-09-08

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Nikki Dix										☒ Sample Container	☐ Van Dorn	☐ Pole		
Jimmy Tomazinis										☐ Carboy	☐ Syringe			
Hunter Mathews										☐ Dipper	☐ Other			
Water Level: Dry/ Pooled/ Low / Normal / High / Flooded					Meter ID#					Matrix: Fresh / Marine / DI				
Photos: (Yes) / No					Flow: No Flow / Interstitial / Flowing / NA					Tide: Rising / Falling / Slack / NA				
Tide Times: High Low														
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	9:35	12.5ft.	0.3	1.0	4.21	62.6	7.15	23.25	36909	29.4				
CEN														
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:														
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:														
Parameter Suite	Parameter Methods					Preservation	Lot#	Expiration	pH Check					
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					☒ Ice ☒ H2SO4			☐ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice								
Chlorophyll	☒ CHLSUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS					☐ Ice								
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY					☒ Ice								
Macroinvertebrates	☐ MI-FW-QLDC					☐ Formalin								
Periphyton	☐ ALGAE-ID					☐ Ice								
Microbiology	☐ E Coli ☒ F Coli ☒ Enterococci					☒ Ice								
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice								
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					☐ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other								

H2SO4
SA8085170
EXP. 03/26/19

Here

Notes:

Place Label Here

Signature: Nikki Dix

Date: 7/11/18

Enter Field Parameters, Verify Station ID in UMS DMT:

QC Station ID, Field Parameters in UMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name:

Date: 7/11/2018

WIN/ Field ID: GTMGR3NUT

WBID: 2320

Latitude: 29.9921

County: St Johns

ORG ID: 21FLA

Longitude: -81.3214

Receiving Body of Water: Guana River

RQ-2018-07-09-08

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Nikki Dix							X			☒ Sample Container	☐ Van Dorn	☐ Pole		
Jimmy Tomazinis					X					☐ Carboy	☐ Syringe			
Hunter Mathews						X	X	X		☐ Dipper	☐ Other			
Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded										Meter ID#		Matrix: Fresh / (Marine) / DI		
Photos: (Yes) No		Flow: No Flow / Interstitial / (Flowing) / NA			Tide: Rising / (Falling) / Slack/ NA			Tide Times: High Low						
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)				
EST	9:03	10ft.	0.3	1.0	4.68	70.4	7.17	24.86	39222	29.2				
CEN														
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:														
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:														
Parameter Suite	Parameter Methods					Preservation		Lot#	Expiration	pH Check				
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP					☒ Ice	☒ H2SO4			☐ <2				
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice	☐ HNO3			☐ <2				
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter					☒ Ice								
Chlorophyll	☒ CHLSUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS					☐ Ice								
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY					☒ Ice								
Macroinvertebrates	☐ MI-FW-QLDC					☐ Formalin								
Periphyton	☐ ALGAE-ID					☐ Ice								
Microbiology	☐ E Coli ☒ F Coli ☒ Enterococci					☒ Ice								
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice								
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					☐ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA					☐ Ice								
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Other								

Notes:

Place Label Here

Signature: Nicole Dine

Date: 7/11/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: _____

Date: 7 / 11 / 2018
(mm/dd/yyyy)

WIN/ Field ID: GTMGLINUT

WBID: 2320C

Latitude: 30.15054
(Decimal Degrees)

County: St Johns

ORG ID: 21FLA

Longitude: -81.36008
(Decimal Degrees)

Receiving Body of Water: Guana Lake

RQ-2018-07-09-08

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
Nikki Dix									☒ Sample Container	☐ Van Dorn	☐ Pole	
Jimmy Tomazinis									☐ Carboy	☐ Syringe		
Hunter Mathews									☐ Dipper	☐ Other		
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded				Motor ID#				Matrix: <u>fresh</u> / Marine / DI				
Photos: <u>(Yes)</u> No				Flow: No Flow / Interstitial / <u>Flowing</u> / NA				Tide: Rising/ Falling/ Slack <u>(NA)</u>				
Tide Times: High Low												
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)		
EST	12:50	0.35	0.3	bottom	8.89	123.3	8.11	0.39	807	31.5		
CEN												
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:												
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:												
Parameter Suite		Parameter Methods				Preservation		Lot#		Expiration pH Check		
Preserved Nutrients		☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP				☒ Ice ☒ H2SO4				☐ <2		
Metals		☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3				☐ <2		
Filtered Nutrients		☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter				☒ Ice						
Chlorophyll		☒ CHLSUITE-W				☒ Ice						
Physical/Aggregate (Fresh)		☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS				☐ Ice						
Physical/Aggregate (Marine)		☒ Alkalinity / W-F / W-TSS / TURBIDITY				☒ Ice						
Macroinvertebrates		☐ MI-FW-QLDC				☐ Formalin						
Periphyton		☐ ALGAE-ID				☐ Ice						
Microbiology		☐ E Coli ☒ F Coli ☒ Enterococci				☒ Ice						
Molecular		☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD				☐ Ice						
Tracers		☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA				☐ Ice						
Pesticides		☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R				☐ Ice ☐ Other						

Notes:		Place Label Here	
Signature: <u>Nicole Dix</u>		Date: <u>7/11/18</u>	



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name:

Date: 7/11/2018

WIN/Field ID: GTMGL2NUT

WBID: 2320C

Latitude: 30.11614

County: St Johns

ORG ID: 21FLA

Longitude: -81.35159

Receiving Body of Water: Guana Lake

RQ-2018-07-09-08

Sampling Team Members				WQ Measurements	Sample Collection	Preservation	Preservation Check
Nikki Dix					X		
Jimmy Tomazinis					X		
Hunter Mathews				X		X	

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with _____		
Equipment ID _____		

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☒ Other air boat	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded

Meter ID#

Matrix: (Fresh) Marine / DI

Photos: Yes / No

Flow: No Flow / Interstitial / (Flowing) / NA

Tide: Rising/ Falling/ Slack (NA)

Tide Times: High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
EST	12:22	0.65	0.3	0.6	7.21	98.1	7.97	1.11	2198	30.8
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHL SUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☒ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Notes:

Place Label Here

Signature: Nicole Dine

Date: 7/11/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: _____

Date: 7/11/2018
(mm/dd/yyyy)

WIN/ Field ID: GTMLMNUT

WBID: 2320C

Latitude: 30.08302
(Decimal Degrees)

County: St Johns

ORG ID: 21FLA

Longitude: -81.3429
(Decimal Degrees)

Receiving Body of Water: Guana Lake

RQ-2018- 07-09-08

Sampling Team Members					WD Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
Nikki Dix										☒ Sample Container	☐ Van Dorn	☐ Pole		
Jimmy Tomazinis										☐ Carboy	☐ Syringe			
Hunter Mathews										☐ Dipper	☐ Other			
Water Level: Dry/ Pooled/ Low / <u>Normal</u> / High / Flooded					Meter ID#					Matrix: Fresh / <u>Marine</u> / DI				
Photos: <u>Yes</u> / No					Flow: No Flow / Interstitial / <u>Flowing</u> / NA					Tide: Rising/ Falling/ Slack/ <u>NA</u>				
Tide Times: High Low														
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Sacchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp (C°)				
EST	11:45	2.9ft.	0.3	0.7	5.20	71.2	7.60	3.88	7131	30.6				
CEN														
Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:														
SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:														
Parameter Suite	Parameter Methods					Preservation	Lot#	Expiration	pH Check					
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP					☒ Ice ☒ H2SO4			☐ <2					
Metals	☐ W-ICPMS ☐ W-ICP					☐ Ice ☐ HNO3			☐ <2					
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 um Filter					☒ Ice								
Chlorophyll	☒ CHL-SUITE-W					☒ Ice								
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS					☐ Ice								
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY					☒ Ice								
Macroinvertebrates	☐ MI-FW-QLDC					☐ Formalin								
Periphyton	☐ ALGAE-ID					☐ Ice								
Microbiology	☐ E Coli ☒ F Coli ☒ Enterococci					☒ Ice								
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD					☐ Ice								
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA					☐ Ice								
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R					☐ Ice ☐ Other								

H2SO4
LOT# SA6085170
EXP: 03/26/19

Notes:		Place Label Here	
Signature: <u>Nicole Dix</u>		Date: <u>7/11/18</u>	



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?
Yes / No

WIN Station Name: _____

Date: 7/11/2018
(mm/dd/yyyy)

WIN/ Field ID: GTMGL4NUT

WBID: 2320C

Latitude: 30.0451

County: St Johns

ORG ID: 21FLA

Longitude: -81.3351
(Decimal Degrees)

Receiving Body of Water: Guana Lake

RQ-2018- 07-09-08

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Nikki Dix							X		
Jimmy Tomazinis						X			
Hunter Mathews						X	X		

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with _____		
Equipment ID _____		

Collection Method		
☐ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☒ Other <u>airboat</u>	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low / (Normal) / High / Flooded

Meter ID# _____ Matrix: Fresh / (Marine) / DI

Photos: (Yes / No) Flow: No Flow / Interstitial / (Flowing) / NA Tide: Rising/ Falling/ Slack/ (NA) Tide Times: High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (µmhos/cm)	Temp. (C°)
(EST)	11:10	3.0 ft.	0.3	0.8	5.69	78.9	7.53	7.65	13386	30.4
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-CI-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / W-F / W-TSS / TURBIDITY	☒ Ice			
Macroinvertebrates	☐ ME-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☒ F Coli ☒ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here

H2SO4
SA8085170
EXP: 03/28/19

Notes:

Place Label Here

Signature: Nikki Dix

Date: 7/11/18

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: _____ Date: ____/____/2018
(mm/dd/yyyy)

WIN/ Field ID: _____ WBID: _____ Latitude: _____
(Decimal Degrees)

County: _____ ORG ID: 21FLA Longitude: _____
(Decimal Degrees)

Receiving Body of Water: _____ RQ-2018- _____

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check

Sampling Equipment		
☐ Sample Container	☐ Van Dom	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other _____	
Depth Measured with _____		
Equipment ID _____		

Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other _____	☐ Gasoline Motor

Water Level: Dry/ Pooled/ Low / Normal / High / Flooded Meter ID# _____ Matrix: Fresh / Marine/ DI

Photos: Yes / No Flow: No Flow / Interstitial / Flowing / NA Tide: Rising/ Falling/ Slack/ NA Tide Times: High Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp (C°)
EST										
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: _____ HA-ID: _____ RPS-ID: _____ Macrophyte-ID: _____ LIMS#: _____

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice			
Chlorophyll	☐ CHLSPITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☐ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

H2504
LOT# SR8035178
EXP: 03/26/19

Notes:	Place Label Here
--------	------------------

Signature: _____ Date: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

Date of Request: 03-MAY-2018
 Created By: HOGUE_A On: 03-MAY-2018
 Modified By: SWANSON_C On: 09-JUL-2018
 Customer: NE-DIST
 Project: SMP
 Division: Office of Coastal and Aquatic Managed Areas
 District:
 Sampling Event: GTM NERR-Guana River SMP = 7 Sites + 1 Field Blank

Send Coolers To:

Phone: 904-823-4500
 GTN NERR
 505 Guana River Rd.
 Ponte Vedra Beach, FL 32082
 Attn: Jimmy Tomazinis

Program Module Number:

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 09-JUL-2018
 Biology Request Reviewed By: SWANSON_C On: 09-JUL-2018
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 09-JUL-2018
 Received By: SHAIK_A On: 12-JUL-2018

Send Final Report To:

2600 Blair Stone Rd.
 MS 3560
 Tallahassee, FL 32399-2400
 Attn: Alicia Hogue

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: No actual bottles or cooler needed. NE ROC has a lot of extras that they can deliver to the GTM NERR. Please print out new RQ labels and field sheets. Alicia will get the RQ labels and field sheets and hand deliver them to NE ROC in a couple of weeks.

Group B chlorophyll removed. CAS 7/3/18.

Bottle Group A (Water) With 7 Samples:

Bottle Type: P-1L	Number of Bottles: 7	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: BP-1L	Number of Bottles: 7	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-120ML-WC-THI	Number of Bottles: 21	Preserved With: ICE
NE-ALS-ENQ	Template: DEFAULT	(ASTM D650399) Enterococci by Enterolert Quanti-Tray Method by ALS Environmental Laboratory in Jacksonville
NE-ALS-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by ALS Environmental Laboratories in Jacksonville
Bottle Type: P-500ML	Number of Bottles: 7	Preserved With: ICE And H ₂ SO ₄
W-NH ₃	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO ₂ NO ₃	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices
Bottle Type: P-500ML	Number of Bottles: 7	Preserved With: FILTER-H ₂ SO ₄ -ICE
W-TKN-F	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen, dissolved, in filtered, aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /L
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity in aqueous matrices

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: ICE And H2SO4
W-NH3	Template: DEFAULT	(EPA 350.1 Rev. 2.0) Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Template: DEFAULT	(EPA 353.2 Rev. 2.0) Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Template: DEFAULT	(SM 5310 B-00) Nonpurgeable Organic Carbon in aqueous matrices

GIN ID: TLHA (904) 807-3300
JERRY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

SHIP DATE: 16MAY18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3111

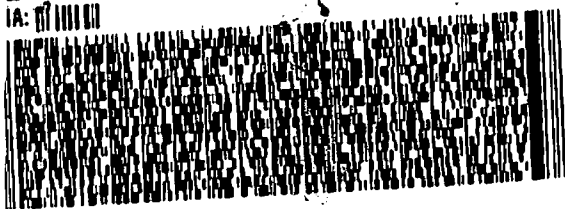
JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:



FedEx
Express



AN1002019101/LIT

THU - 12 JUL 10:30A
PRIORITY OVERNIGHT

32399

FL-US TLH

36 TLHA



02626460 07/11 552J2/8532/DCAS

ORIGIN ID: TLHA (904) 807-3300
JERRY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

SHIP DATE: 16MAY18
ACTWGT: 10.00 LB MAN
CAD: 0446970/CAFE3111

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

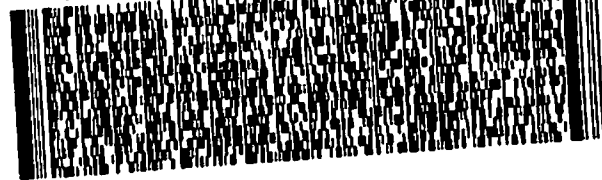
TALLAHASSEE FL 32399

(850) 245-8077

REF:

DEPT:

RMA: 11111111



FedEx
Express



AN1002019101/LIT

FedEx
TRK# 4385 5029 5189
0221

THU - 12 JUL 10:30A
PRIORITY OVERNIGHT

32399

FL-US TLH

36 TLHA

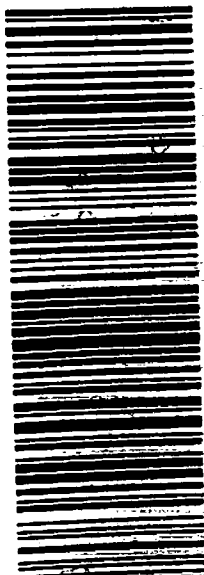


02626460 07/11 552J2/8532/DCAS

36 TLHA

FedEx
TRK# 4385 5029 7531
0221

THU - 12 JUL
PRIORITY OVERNIGHT



FL-US

02626460 07/11 552J2/8532/DCAS

RMA: 11111111

(850) 245-8077

REF:

DEPT:

TALLAHASSEE FL 32399

TO JOHN WATTS
FLORIDA DEP/CHEMISTRY SECTION
2600 BLAIRSTONE RD

ORIGIN ID: TLHA (904) 807-3300
JERRY PARRISH
FL DEP NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST
SUITE 100
JACKSONVILLE, FL 32256
UNITED STATES US

RT 856