

Reaves, Shawn D

From: Rankin, Amelia
Sent: Wednesday, February 7, 2024 1:54 PM
To: Reaves, Shawn D; Klug, Kyle
Cc: Ayres, Joshua; Wright, Colin; Swanson, Cheryl
Subject: Site Location Edits for Event ID SO-DIST-2024-02-02-01

Hi Shawn and Kyle,

Based on the sampler's information, below, would you please edit the Site Locations for the two samples in Event ID SO-DIST-2024-02-02-01?

Southeast 23rd Street Canal should be **Caloosahatchee River - Calabar Canal South**.

Southeast 11th Place should be **Caloosahatchee River - Saturn Canal**.

Let me know if you need anything else!
Amelia

From: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Sent: Wednesday, February 7, 2024 1:43 PM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Subject: Re: Algae Site names / moving GPS coordinates

Hi Amelia,

Yes, please!!

Best,
Nicole Reistad

From: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Sent: Wednesday, February 7, 2024 1:40 PM
To: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Subject: RE: Algae Site names / moving GPS coordinates

Hi Nicole,

Should we have Receiving log-in these samples with the updated Sample Location names? For WIN purposes and for data matching purposes?

Amelia

From: Reistad, Nicole <Nicole.Reistad@FloridaDEP.gov>
Sent: Thursday, February 1, 2024 3:54 PM
To: Rankin, Amelia <Amelia.Rankin@FloridaDEP.gov>
Subject: Algae Site names / moving GPS coordinates

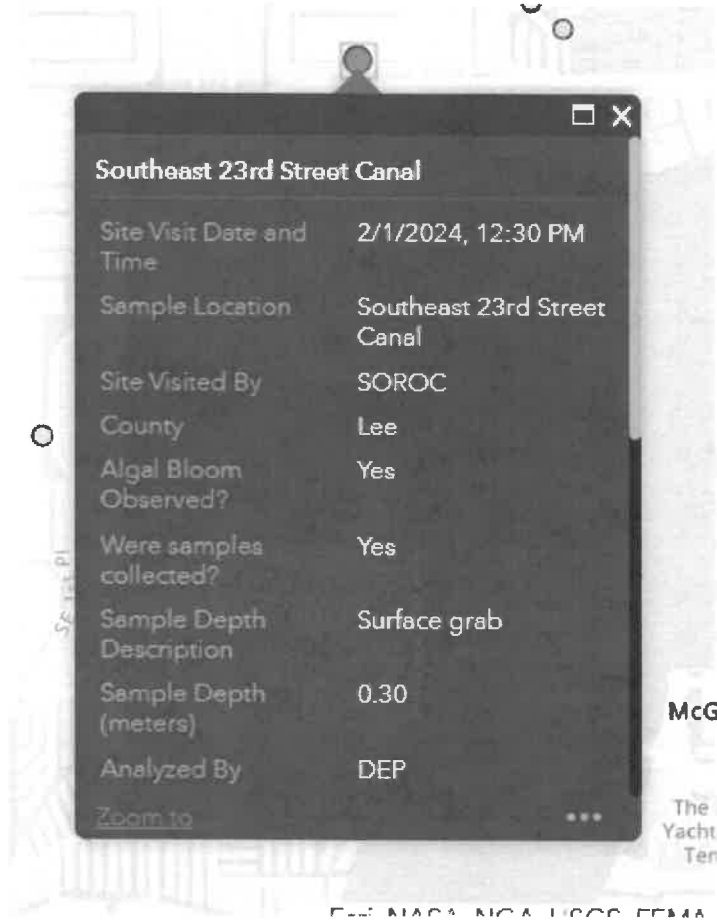
Good afternoon Amelia,

I had two samplers collect HAB samples today, and I wanted to be proactive with the site naming conventions/locations. It was a last-minute sampling event, so some details were missed during survey entry. My apologies for the extra work.

This site's corrected information:

Caloosahatchee River – Calabar Canal South

26.609078 -81.943564



This site's corrected information:

Caloosahatchee River – Saturn Canal

26.5825 81.947

(1 of 2)

Southeast 11th Place

Site Visit Date and Time	2/1/2024, 1:15 PM
Sample Location	Southeast 11th Place
Site Visited By	SOROC
County	Lee
Algal Bloom Observed?	Yes
Were samples collected?	Yes
Sample Depth Description	Surface grab
Sample Depth (meters)	0.20
Analyzed By	DEP
Other Lab name	

[Zoom to](#)

Best,



Nicole Reistad

Environmental Specialist III
 Florida Department of Environmental Protection
 Division of Environmental Assessment and Restoration
 South Regional Operations Center - Fort Myers
Nicole.Reistad@FloridaDEP.gov
 Office: 239-344-5718 | ext. 85718

Login Checklist

RQ-2023 - 09 - 18 -61

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 02/02/2024 / 09:02

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO ₃	Formalin		Yes	No	Yes	No	
1.9C				12		X			6484 8460 9307

COOLER CHECK

*All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. NCR# _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. NCR# _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. NCR# _____
- If coolers or samples are received late; identify the affected samples in an NCR. NCR# _____

Chain of Custody/ Field Sheet(s) Included?

Yes X No _____

Micro-Biology Overflow Chain of Custody/ FieldSheet(s) Included?

Yes _____ No X

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA X Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes X No _____

Caps on tight?

Yes X No _____

Sufficient Sample Volume:

Yes X No _____

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? (Blue dot on container)

Yes _____ No X Init: ABS

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: ABS

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: ABS /

Date: 02/2/2024

Event contains NCRs (Y/N)? N

Event ID: SO - DIST - 2024 - 02 - 02 - 01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG#2 EXP:10/16/24
pH Test Strips 0 – 6	LOT#223819BVEXP8/15/24
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT207621EXP:3/15/24
Chlorine Test Strips	2313 2025/07

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

Date and time placed in freezer _____

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

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

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2023-09-18-61		Collected By:		Samantha Gelinas, Emily Atkinson						
Customer: SoROC		Field Report Prepared By:		Emily Atkinson						
Project ID: BLOOM_RESP		Sampling Agency:		SOROC						
Location: Southeast 11th Place			Comments: Green algae mats on bottom of canal.							
Field ID: HAB-SD-020120241315			Coordinates: 26.57221, -81.95208							
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle							
WIN ID: HAB-SD-020120241315			High Tide Time: 19:05		Low Tide Time: 13:26					
Matrix: Marine		Grab		Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A						
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPT)
02/01/2024	13:15	121	10.53	21.3	7.64	0.2	0.4	0.4	4564	2.44
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Clarity		☐ Clear		☒ Slightly Turbid		☐ Turbid		☐ Opaque		
Bloom Color		☒ Green		☐ Red		☐ Brown		☐ Other:		
Algae Type		☐ Planktonic		☒ Filamentous		☐ Other:				
Algae Accumulation		☒ Mat		☐ Specks		☐ Scum		☐ Glob		
Algae Distribution		☐ Surface-Entire		☐ Surf-Localized		☐ Surf-Windblown		☐ Suspended		☒ Benthic ☐ Epiphytic
Parameter Suite		Parameter Methods		Preservation		pH Check		#Bottles Sent to Lab		Bottle Group
Algae (PT-50mL)		☐ ALGAL-ID ☒ BLOOM-ID		☒ Ice				1		A
Chlorophyll (BP-1L)		☒ CHLSUITE-W		☒ Ice				1		B
Toxins (P-125/BG-250)		☐ W-MCYST-AA ☐ W-SAXTN-MS ☐ OV-TOXN		☐ Ice						
Physical/Aggregate		☒ W-COLOR		☒ Ice				1		B
Preserved Nutrients (500mL HDPE)		☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4		☒ <2		1		B
		SA3193140		07/31/2024						
		Acid Lot:		Exp:						
Filtered Nutrients (P125mL)		☒ W-PO4-F		☒ Field Filtered 0.45um Filter		☒ Ice		1		B
				Filter Lot # 17589311						
Quantitative Algae		☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols						
Relinquished By:		Date/Time		Number of Coolers Shipped		Received By:		Date/Time		
Emily Atkinson		02/01/2024 15:00		1		A.SHAIK		02/02/2024 / 09:02		



Cyanobacteria Bloom Response Field Data Sheet (2023-06-12 v1)

Email scanned submittal forms to lab.receiving@FloridaDEP.gov

RQ - 2023-09-18-61		Collected By:		Samantha Gelinas, Emily Atkinson						
Customer:	SoROC	Field Report Prepared By:		Emily Atkinson						
Project ID:	BLOOM_RESP	Sampling Agency:		SOROC						
Location: Southeast 23rd Street Canal			Comments: Green algae mats observed on bottom and sides of canal.							
Field ID: HAB-SD-020120241230			Coordinates: 26.60916, -81.94601							
WIN Secondary Resource Type: Canal			Collection Equip: WaterBottle							
WIN ID: HAB-SD-020120241230			High Tide Time:	19:05	Low Tide Time: 13:26					
Matrix:	Fresh	Grab	Tide: ☐ Rising ☒ Falling ☐ Slack ☐ N/A							
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (%)	D.O. (mg/L)	Temp (°C)	pH (SU)	Sample Depth (m)	Total Depth (m)	Secchi Disk (m)	Sp. Cond. (µmho/cm)	Salinity (PPTH)
02/01/2024	12:30	164	14.93	20.1	6.33	0.3	0.7	0.7	1029	0.51
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other:						
Algae Type	☐ Planktonic	☒ Filamentous	☐ Other:							
Algae Accumulation	☒ Mat	☐ Specks	☐ Scum	☒ Glob						
Algae Distribution	☐ Surface-Entire	☐ Surf-Localized	☒ Surf-Windblown	☐ Suspended	☒ Benthic	☐ Epiphytic				
Parameter Suite	Parameter Methods			Preservation		pH Check	#Bottles Sent to Lab	Bottle Group		
Algae (PT-50mL)	☐ ALGAL-ID ☒ BLOOM-ID			☒ Ice			1	A		
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice			1	B		
Toxins (P-125/BG-250)	☐ W-MCYST-AA ☐ W-SAXTN-MS ☐ OV-TOXN			☐ Ice						
Physical/Aggregate	☒ W-COLOR			☒ Ice			1	B		
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-S-A-TP			☒ Ice ☒ H2SO4		☒ <2	1	B		
	SA3193140			07/31/2024						
	Acid Lot:			Exp:						
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter			☒ Ice			1	B		
	Filter Lot # 17589311									
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C			☐ Ice ☐ Lugols						
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:		Date/Time				
Emily Atkinson	02/01/2024 15:00	1		A.SHAIK		02/02/2024 / 09:02				

Date of Request: 07-SEP-2023
Created By: BARRINGT_J On: 07-SEP-2023
Modified By: JASROTIA_P On: 08-SEP-2023
Customer: SO-DIST
Project: BLOOM-RESP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: Algal Bloom Response -SOROC w/ blank

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
FDEP SOROC
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: John Barrington
Cooler Ship EMail: john.barrington@floridadep.gov

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 08-SEP-2023
Biology Request Reviewed By: JASROTIA_P On: 08-SEP-2023
Sampling Kit Required: YES Ship on: 15-SEP-2023
Sampling Kit Shipped: YES On: 12-SEP-2023
Sampling Kit Packed By: KREUCH_B
Preservatives Needed: NO
Date to Receive Samples: 18-SEP-2023
Logged In By: SHAIK_A On: 02-FEB-2024

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 314
Fort Myers, FL 33901-3381
Attn: John Barrington
Report Notification EMail:
Cheryl.Swanson@dep.state.fl.us;Nicole.Reistad@floridadep.gov;
John.Barrington@floridadep.gov;Samantha.Gelinas@floridadep.
gov;Monica.Jaeger@floridadep.gov

Comments: Unless peak algal bloom season, may analyze toxin after consultation with Biology's Taxonomy Manager.

Bottle Group A - Priority 1
For algal dominant taxon.

Bottle Group B - Priority 1
For toxins, nutrients, chlorophyll,

Bottle Group C - Priority 1
Blank for toxins and nutrients

There are multiple bottles per Group in case multiple sample targets or sample locations are needed. Samplers use best professional judgement to decide which samples are appropriate to collect for a particular response. All sets of bottles do not have to be filled at one time.

Please ship with a minimum of 3 coolers

Bottle Group A (Biological) With 8 Samples:

Bottle Type: PT-50ML Number of Bottles: 8 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 8 Samples:

Bottle Type: BP-1L Number of Bottles: 8 Preserved With: ICE
CHLSUITE-W Template: DEFAULT (SM 10150 B) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML Number of Bottles: 8 Preserved With: ICE
W-COLOR Template: DEFAULT (DEP SOP: NU-094-1) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)

Bottle Type: P-125ML Number of Bottles: 8 Preserved With: ICE
W-MCYST-AA Template: DEFAULT (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS Template: DEFAULT (EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 8 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

Bottle Group B (Water) With 8 Samples:

Bottle Type: P-500ML	Number of Bottles: 8	Preserved With: ICE And H2SO4
W-TKN	Template: DEFAULT	(EPA 351.2 Rev. 2.0) Total Kjeldahl Nitrogen in aqueous matrices
Bottle Type: P-125ML	Number of Bottles: 8	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: ICE
W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS	Template: DEFAULT	(EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS
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
Bottle Type: P-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO4-F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

* - The laboratory is not NELAP certified for this analyte/method, or certification is not applicable.