

Login Checklist

RQ- 2021-09-27-47

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 9/ 28 /21 @ 9:45

*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	
2.1				15		✓			9293 8012 6013
2.1				15		✓			5225 5539 7569

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 ✓ No _____

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

Yes _____ No ✓

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA ✓

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes ✓ No _____

Caps on tight?

Yes ✓ No _____

Sufficient Sample Volume:

Yes ✓ 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 ✓ Init: HK

Chlorine detected? (One container checked per Field ID)

Yes _____ No _____ Init: _____

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 ✓ No _____ NA _____ Init: HK

**W-1-4-DIOX (Green dot on container) preserved to pH<4.0?

Yes _____ No _____ NA ✓ Init: HK

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

Coolers Unpacked/Checked by: HK

Date: 9/ 28 /21

Event contains NCRs (Y/N)? N

Event ID:

Algal Bloom Response- NEROC
WQAP-2021-09-28-01 (BLOOM-RESP)
Date Received: 28-SEP-2021 09:45

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IR TEMP GUN #5 EXP:10-28-21
pH Test Strips 0 – 6	Lot#210620 EXP:4-15-23
pH Paper 0 – 3	
pH Paper 0 – 13	Lot#210620 EXP:4-15-23
Chlorine Test Strips	Lot#0261 EXP:5-23

ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: _____

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# _____

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: _____

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: 54126

RQ: 2021-09-27-47

Project: Algae Response

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 8/16/21

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Kim Appleby	9/27/21	845	20.6	765.0	9.0	—	100.3	—	1.0394	P/F	Q/F
ICV			848	20.8	765.0	9.0	9.02	100.7	—	1.0394	P/F	Q/F
CCV	J. Lee		1621	23.1	762.9	8.6	8.63	100.8	—	1.0394	P/F	Q/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Kim Appleby	9/27/21	850	2104263	5/22	1000	1000	P/F	Q/F
ICV			852	2104266	5/22	1413	1398	P/F	Q/F
CCV	J. Lee		1619	210426A	5/22	160	101.4	P/F	Q/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Kim Appleby	9/27/21	901	2107E91	4/23	7.02	21.0	7.02	-31.6	P/F	Q/F
Calibr.		9/27/21	904	2107640	7/23	4.00	20.9	4.00	147.7	P/F	Q/F
Calibr.		9/27/21	906	2107A04	12/22	10.00	20.8	10.00	-202.1	P/F	Q/F
ICV		9/27/21	909	2107640	7/23	4.00	20.9	4.00	147.7	P/F	Q/F
CCV	J. Lee			2107A04	12/22	10	21	3.97	148.6	P/F	L/F
CCV	J. Lee	9/27/21		2107A04	12/22	10.03	21.7	9.98	-202.5	P/F	Q/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

mV pH 4 Range $+180 \pm 50$;

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 170.5, slope from 4 to 7 179.3 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 8/17/21

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	Kim Appleby	9/27/21	911	0.00	0.00	P/F	Q/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000, FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: YSI Bruce

RQ: 2021-09-27-12

Project: SMP LSR Boat

- Notes: (1) Always wait for meter to stabilize before recording any readings.
 (2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 8/16/21

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro- meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J Parrish	9/27/21	745	20.3	764.2	9.1	9.1	100.5	—	1.028	P/F	L/F
ICV	J	9/27/21	746	20.3	764.3	9.1	9.09	100.5	—	1.028	P/F	L/F
CCV	Brian Davis	7/27/21	1636	23.7	762.5	8.5	8.47	100.00	—	1.028	P/F	L/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	J Parrish	9/27/21	747	210426B	5/22	1000	1000	P/F	L/F
ICV	J	9/27/21	748	210426A	5/22	100	101	P/F	L/F
CCV	J. Lee	9/27/21	1639	210426C	5/22	1413	1370	P/F	L/F
CCV								P/F	L/F

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J Parrish	9/27/21	751	2104E81	4/23	7.	20.7	7.00	-42.6	P/F	L/F
Calibr.	J	9/27/21	752	2107640	7/23	4.	20.6	4.00	-33.8	P/F	L/F
Calibr.	J	9/27/21	753	2107A04	12/22	10.	20.7	10.00	-208.3	P/F	L/F
ICV	J	9/27/21	754	2107640	7/23	4.	20.7	4.04	-30.1	P/F	L/F
CCV	J. Lee	9/27/21	1642	2107A04	12/22	10.03	21.6	9.97	-209.2	P/F	L/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 105.7, slope from 4 to 7 176.5 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? (YES) / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 8/18/21

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: _____; Date of last verification: _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass/ Fail	Lab/ Field
Pressure mode in air	J Parrish	9/27/21	800	0.00	0.00	P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-09-27-47		Collected By:	Kim Appleby Victoria QUICK	
Customer	21FLA	Field Report Prepared By:	Victoria QUICK + Kim Appleby	
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP	

WIN ID/Field ID:  NEHAB0024

Christopher Creek below San Jose Blvd

Comments: algae seen on surface and suspended in water column, mostly disposed some streaking on surface

Matrix: Fresh		Collection Equipment: Ortho Kit #7
Tide: ☐ Rising ☐ Falling ☒ Slack ☐ N/A		Coordinates: 30.252680 -81.642020
High Tide Time: 1500		Low Tide Time: 840

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
9/27	14:40	8.87	114.7	28.7	7.12	0.3	777	0.38	0.8	0.86

Bloom Observations					
Algal Bloom Observed? ☒ Yes ☐ No					
Water Surface	☐ Clear	☒ Scum	☒ Globs	☐ Slick	
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque	
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other: _____	
Algae Distribution	☒ Suspended in water column		☒ On surface	☐ Other: _____	
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other: _____

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
	Lot SA1105060	Exp: 04/30/22	☐ <2		
Filtered Nutrients (P125mL)	☒ W-PO4-F	☒ Field Filtered 0.45um Filter	☒ Ice	1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
Kim Appleby	9/27/21 1:30 PM	1		

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021- <u>C9-27-47</u>		Collected By:	<u>Kim Appleby Victoria Ouck</u>	
Customer	<u>21FLA</u>	Field Report Prepared By:	<u>Victoria Ouck + Kim Appleby</u>	
Project ID:	<u>BLOOM_RESP</u>	Sampling Agency:	<u>FDEP</u>	

WIN ID/Field ID:  NEHAB0041

LSJR @ Worth Dr S

Comments: Algal seen on surface and suspended in water column, dispersed

Matrix:	<u>Fresh</u>	☒ Grab	Collection Equipment:	<u>Ortho kit #7</u>
Tide:	☒ Rising ☐ Falling ☐ Slack ☐ N/A	Coordinates:	<u>30.271200 -81.655150</u>	
		High Tide Time:	<u>1500</u>	Low Tide Time: <u>840</u>

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPT)	Secchi Disk (m)	Total Depth (m)
<u>9/27</u>	<u>13:55</u>	<u>8.32</u>	<u>107.3</u>	<u>28.4</u>	<u>7.75</u>	<u>0.3</u>	<u>777</u>	<u>0.38</u>	<u>0.7</u>	<u>1.126</u>

Bloom Observations					
Algal Bloom Observed? ☒ Yes ☐ No					
Water Surface	☐ Clear	☒ Scum	☒ Globs	☐ Slick	
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque	
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other: _____	
Algae Distribution	☒ Suspended in water column		☒ On surface	☐ Other: _____	
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other: _____

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		<u>1</u>	<u>A</u>
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		<u>1</u>	<u>B</u>
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		<u>1</u>	<u>B</u>
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	<u>1</u>	<u>B</u>
	Lot <u>SA1105060</u> Exp: <u>04/30/22</u>		☐ <2		
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter	☐ Ice		<u>1</u>	<u>B</u>
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
<u>Kim Appleby</u>	<u>9/27/21</u> <u>16:00</u> <u>1800</u>	<u>1</u>		

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-09-27-47		Collected By:	Kim Appleby Victoria Quick							
Customer	21FLA	Field Report Prepared By:	Victoria Quick & Kim Appleby							
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP							
Field ID:		Comments: concentrated along shoreline, subsided in water and seen on surface. Starting to form a slick on edge of light away from shoreline algae diffused and seen in river near site, algae streaking and concentrated along shoreline.								
WIN ID/Field ID:		 NEHAB0043 LSJR @ South end of Hart Bridge								
Matrix:	Fresh	(Grab)	Collection Equipment:	Ortho Kit #7						
Tide:	☒ Rising ☐ Falling ☐ Slack ☐ N/A	Coordinates:	30.311800 -81.625720							
High Tide Time:		1510	Low Tide Time:		910					
Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPT)	Secchi Disk (m)	Total Depth (m)
9/27	11:15	8.06	103.3	27.9	7.75	0.3	1310	0.65	0.5	0.525
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Surface	☐ Clear	☒ Scum	☒ Globes	☒ Slick						
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other:						
Algae Distribution	☒ Suspended in water column	☒ On surface	☐ Other:							
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:					
Parameter Suite	Parameter Methods		Preservation	pH Check	#Bottles Sent to Lab	Bottle Group				
Bloom ID (PT-50ML)	☒ BLOOM-ID		☒ Ice		1	A				
Chlorophyll (BP-1L)	☒ CHLSUITE-W		☒ Ice		1	B				
Toxins (BG-WD250)	☒ W-MCYST-AA		☒ Ice		1	B				
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4	☒ <2	1	B				
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter		☒ Ice	☐ <2	1	B				
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols							
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time						
Kim Appleby	9/27/21 16:00 1800	1								

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021- 09-27-47		Collected By:	B Davis, J Pennis							
Customer	WQMP	Field Report Prepared By:	B Davis							
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP							
Field ID:		Comments:								
WIN ID/Field ID:		 NEHAB0042 Yacht Basin								
Matrix:		Collection Equipment:	0-150 #3							
Tide: ☒ Rising ☐ Falling ☐ Slack ☐ N/A		Coordinates:	30.251740, -81.689790							
Grab		High Tide Time:	Low Tide Time:							
Water Quality										
Date	Time ☐ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPT)	Secchi Disk (m)	Total Depth (m)
9/27/21	1100	8.50	108.4	27.7	8.13	0.3	800	0.39	0.7	1.3
Bloom Observations										
Algal Bloom Observed? ☒ Yes ☐ No										
Water Surface	☐ Clear	☒ Scum	☐ Globs	☐ Slick						
Water Clarity	☐ Clear	☒ Slightly Turbid	☐ Turbid	☐ Opaque						
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other:						
Algae Distribution	☒ Suspended in water column	☐ On surface	☐ Other:							
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	Other:					
Parameter Suite	Parameter Methods		Preservation	pH Check	#Bottles Sent to Lab	Bottle Group				
Bloom ID (PT-50ML)	☒ BLOOM-ID		☒ Ice		1	A				
Chlorophyll (BP-1L)	☒ CHLSUITE-W		☒ Ice		1	B				
Toxins (BG-WD250)	☒ W-MCYST-AA		☒ Ice		1	B				
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP		☒ Ice ☒ H2SO4	☒ <2	1	B				
	Lot 5A1105060		Exp: 9/30/22	☐ <2						
Filtered Nutrients (P125mL)	☒ W-PO4-F		☒ Field Filtered 0.45um Filter	☒ Ice	1	B				
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C		☐ Ice ☐ Lugols							
Relinquished By:	Date/Time	Number of Coolers Shipped		Received By:	Date/Time					
B. Davis	9/27/21 1600	2								

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021- 09-27-47	Collected By: B Davis J Perish
Customer: WQMP	Field Report Prepared By: B Davis
Project ID: BLOOM_RESP	Sampling Agency: FDEP

Comments:

WIN ID/Field ID.



NEHAB0029

LSJR @ end of Blake Ave

Collection Equipment: Outboard		Coordinates: 30.1745 -81.69717								
Matrix: Feces	Grab									
Tide: ☒ Rising ☐ Falling ☐ Slack ☐ N/A	High Tide Time:	Low Tide Time:								
Water Quality										
Date	Time ☐ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPT)	Secchi Disk (m)	Total Depth (m)
9/27/21	1140	10.21	131.0	28.2	8.63	0.3	809	0.39	0.3	0.6

Bloom Observations

Algal Bloom Observed?	☒ Yes	☐ No
Water Surface	☐ Clear	☐ Scum
Water Clarity	☒ Clear	☐ Slightly Turbid
Bloom Color	☒ Green	☐ Red
Algae Distribution	☒ Suspended in water column	☐ On surface
Water Odors	☐ Normal	☐ Sewage
	☐ Globbs	☒ Slick
	☐ Turbid	☐ Opaque
	☐ Brown	☐ Other:
	☐ On surface	☐ Other:
	☐ Petroleum	☐ Chemical
	Other: Feces / etc	

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☐ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☐ Ice		1	B
Toxins (BG-WD250)	☐ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☒ <2	1	B
	Lot SA1105060	Exp: 4/30/22	☐ <2		
Filtered Nutrients (P125mL)	☒ W-PO4-F	☐ Field Filtered 0.45um Filter		1	3
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			
Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time	
Brian Davis	9/27/21 1600	2			

Cyanobacteria Bloom Response Field Data Sheet

RQ-2021-09-27-47		Collected By:	B Davis, J Peltist	
Customer	WQMP	Field Report Prepared By:	B Davis	
Project ID:	BLOOM_RESP	Sampling Agency:	FDEP	

WIN ID/Field ID: 

NEHAB0044

Brown L. Whatley Memorial Park

Comments:

Filamentous Algae Bloom.

Matrix:	Fresh	☒ Grab	Collection Equipment:	O274 #3
Tide:	☐ Rising ☐ Falling ☐ Slack ☒ N/A	Coordinates:	30.302570, -81.650640	
High Tide Time:		Low Tide Time:		

Water Quality										
Date	Time ☒ EST ☐ CEN	D.O. (mg/L)	D.O. (%)	Temp °C	pH (SU)	Sample Depth (m)	Cond. (umho/cm)	Salinity (PPTH)	Secchi Disk (m)	Total Depth (m)
9/27/21	10:20	9.96	122.6	25.9	6.91	0.1	525	0.25	0.2	20.75
									(5)	0.2

Bloom Observations					
Algal Bloom Observed?	☒ Yes	☐ No			
Water Surface	☐ Clear	☒ Scum	☒ Globs	☐ Slick	
Water Clarity	☒ Clear	☐ Slightly Turbid	☐ Turbid	☐ Opaque	
Bloom Color	☒ Green	☐ Red	☐ Brown	☐ Other: _____	
Algae Distribution	☒ Suspended in water column	☒ On surface	☐ Other: _____		
Water Odors	☒ Normal	☐ Sewage	☐ Petroleum	☐ Chemical	☐ Other: _____

Parameter Suite	Parameter Methods	Preservation	pH Check	#Bottles Sent to Lab	Bottle Group
Bloom ID (PT-50ML)	☒ BLOOM-ID	☒ Ice		1	A
Chlorophyll (BP-1L)	☒ CHLSUITE-W	☒ Ice		1	B
Toxins (BG-WD250)	☒ W-MCYST-AA	☒ Ice		1	B
Preserved Nutrients (500mL HDPE)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-S-A-TP	☒ Ice ☒ H2SO4	☐ <2	1	B
	Lot SA110506	Exp: 4/30/22	☒ <2		
Filtered Nutrients (P125mL)	☒ W-PO4-F ☒ Field Filtered 0.45um Filter	☒ Ice		1	B
Quantitative Algae	☐ DTY-QN-C / PKD-QN-C	☐ Ice ☐ Lugols			

Relinquished By:	Date/Time	Number of Coolers Shipped	Received By:	Date/Time
B-D-	9/27/21 1600	2		

Date of Request: 13-SEP-2021
Created By: RANKIN_A On: 13-SEP-2021
Modified By: JASROTIA_P On: 14-SEP-2021
Customer: SJRWMD
Project: BLOOM-RESP
Division:
District:
Event Description: SJRWMD Bloom Response--as needed (Palatka)

Send Coolers To:

Phone: 3863294429
St. Johns River Water Management District
4049 Reid St.
Palatka, FL 32177
Attn: Ken Riddick
Cooler Ship EMail: kriddick@sjrwmd.com

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: AYRES_J On: 14-SEP-2021
Biology Request Reviewed By: JASROTIA_P On: 14-SEP-2021
Sampling Kit Required: YES Ship on: 24-SEP-2021
Sampling Kit Shipped: YES On: 21-SEP-2021
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 04-OCT-2021
Logged In By:

Send Final Report To:

4049 Reid St.

Palatka, FL 32177
Attn: Ken Riddick
Report Notification EMail:
kriddick@sjrwmd.com;lmcccloud@sjrwmd.com;jpapecek@sjrwmd.com;tmiller@sjrwmd.com;cakers@sjrwmd.com;RTimbs@sjrwmd.com

Comments: Please ship in 4 coolers.

Bottle Group A - Priority 1
For algal dominant taxon.

Bottle Group B - Priority 1
For toxin testing.

Please print two copies of algal job labels at login.

Bottle Group A (Biological) With 10 Samples:

Bottle Type: PT-50ML Number of Bottles: 10 Preserved With: ICE
BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 10 Samples:

Bottle Type: BG-250ML-WDMTH Number of Bottles: 10 Preserved With: ICE
W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS Template: (EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS

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

Date of Request: 22-SEP-2021
 Created By: PARRISH_J On: 22-SEP-2021
 Modified By: JASROTIA_P On: 23-SEP-2021
 Customer: WQAP
 Project: BLOOM-RESP
 Division: Division of Environmental Assessment and Restoration
 District:
 Event Description: Algal Bloom Response- NEROC

Send Coolers To:

Phone: 904-256-1700
 8800 Baymeadows Way West

 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Cooler Ship EMail: Jeremy.M.Parrish@dep.state.fl.us

Priority: 1
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 23-SEP-2021
 Biology Request Reviewed By: JASROTIA_P On: 23-SEP-2021
 Sampling Kit Required: YES Ship on: 24-SEP-2021
 Sampling Kit Shipped: YES On: 24-SEP-2021
 Sampling Kit Packed By: REYNOLDS_T
 Preservatives Needed: NO
 Date to Receive Samples: 27-SEP-2021
 Logged In By:

Send Final Report To:

8800 Baymeadows Way West

 Jacksonville, FL 32256
 Attn: Jeremy Parrish
 Report Notification EMail:
 Jeremy.M.Parrish@dep.state.fl.us;Brian.Davis@floridadep.gov;A
 melia.Rankin@dep.state.fl.us

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 toxin testing, nutrients, and chlorophyll

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 print two copies of algal job labels at login.

Bottle Group A (Biological) With 7 Samples:

Bottle Type: PT-50ML Number of Bottles: 7 Preserved With: ICE
 BLOOM-ID Template: DEFAULT (SOP-AB05) Assessment of dominant algal taxa in bloom or mat sample

Bottle Group B (Water) With 7 Samples:

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: BG-250ML-WDMTH Number of Bottles: 7 Preserved With: ICE
 W-MCYST-AA Template: (EPA 8321B) Microcystins in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 7 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: 7 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.