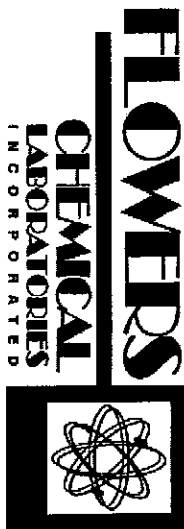


Check Box That Applies To Your Location

- ☐ **Flowers Chemical Laboratories, Inc.**
481 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-5984
Fax: 407-260-6110
- ☐ **Flowers Chemical Labs-South**
West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089
- ☐ **Flowers Chemical Labs-North**
812 S.W. Harney Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878
- ☐ **Flowers Chemical Labs-Keys**
3980 Overseas Highway, Ste. 103
Marathon, FL 33050
Bus: 305-743-8598
Fax: 305-743-8598



DOWNLOAD REPORTS, INVOICES AND CHAINS OF CUSTODY www.flowerslabs.com

Client		FDEP		Project Name		SPM - Martin boat		P.O. #		RA-2016-0270-SL	
Address		2199 South Rock Rd		Client Contact				FAX			
Phone		407 3445		FCL Project Manager				E-MAIL			
Sampled By (PRINT)		Matthew Sewell		Requested Due Date		10 Day Standard		OR		Rush Charges May Apply	
Sampler Signature		[Signature]		Pick-Up Fee		\$		Vehicle Surcharge		\$	
Date Sampled		5/2/18		PRESERVATIVES		H ₂ SO ₄		HNO ₃		HCl	
						Na ₂ S ₂ O ₃		ANALYSES REQUEST		COMMENTS	
GW - ground water		DW - drinking water		WW - wastewater		NONE					
SW - surface water		SO - soil/solid		SL - sludge		HW - waste					
ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.						
1	SLSF	5/1/18	1430	SW	364818SW1	✓					
2	GASE0013	5/1/18	1439								
3											
4											
5											
6											
7											
8											
9											
10											
Relinquished By / Affiliation		Date		Time		Accepted By / Affiliation		Date		Time	
FDEP		5/2/18		1530		FDEP		5/2/18		1530	

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

Log-in Checklist

RQ- 2018-02-12-52

Login Station ID: #5

Shipping Method: FedEx UPS | HD | Greyhound | _____ Date/Time of Receipt: 05/03/18 @ 10:30

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape		*Intact?		Tracking # (fill out only if waybill copy is damaged)
			Present?		Yes	No	
RED	2.0°C	18		X			790774415274
BLUE	1.2°C	16		X			790774415285

*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 ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No ✗ Date 05/03/18

CONTAINER CHECK

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

**Caps on tight? Yes ✓ No _____ **Containers intact? Yes ✓ No _____

**Sufficient Sample Volume: Yes ✓ No _____

CHLORINE CHECK (Blue dot on container)

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		<u>✗</u>	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 ✓ No _____ NA _____ Init: n

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes _____ No ✗ NA ✓ Init: n

Coolers Unpacked/Checked by: Tyler R. Date: 05/03/18 NCRs (Y/N)? ✓

Event ID: SMP- Martin Boat NCR # _____

SE-DIST-2018-05-03-01 (SMP)

Date Received: 02-MAY-2018

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:	
pH Paper 0.0 – 3.0 Lot #	
pH Paper 0 – 13 Lot #	
Chlorine Test Strips Lot #	

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: _____

Request Number: RQ-2018-02-12-50

Florida Department of Environmental Protection

Page 1 of 2

~~Algal Bloom Response - as needed~~

Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP SE-DistRequester: Matt SewellField Report Prepared By: Matt SewellProject ID: BLOOM-RESP SMPCollected By: Matt SewellSampling Agency: 21F/WPB

Location <u>South Fork SLR @ Gaines A/Q</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/2/18</u> Time <u>1:17</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <u>G2SE0039</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>6.85</u>	☒ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
STORET # <u>G2SE0039</u>	Temp (C) <u>26.35</u>	pH <u>7.64</u>	Sample Depth <u>0.3</u>	☐ ft ☐ m	Sp. Conductance (umho/cm) <u>10001</u>	D
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>5.62</u>	Comments			
Location <u>South Fork SLR @ Hosford Park</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/2/18</u> Time <u>1:30</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>G2SE0043</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>5.38</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
STORET # <u>G2SE0043</u>	Temp (C) <u>26.32</u>	pH <u>7.50</u>	Sample Depth <u>0.3</u>	☐ ft ☐ m	Sp. Conductance (umho/cm) <u>11443</u>	D
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>6.50</u>	Comments			
Location <u>South Fork SLR @ SW Turn</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/2/18</u> Time <u>1:35</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>G2SE0041</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>7.17</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
STORET # <u>G2SE0041</u>	Temp (C) <u>26.90</u>	pH <u>7.69</u>	Sample Depth <u>0.3</u>	☐ ft ☐ m	Sp. Conductance (umho/cm) <u>17420</u>	D
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>10.25</u>	Comments			
Location <u>South Fork SLR @ St. Louis Settlement</u>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>5/2/18</u> Time <u>1:55</u>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <u>G2SE0040</u>	Matrix (type, e.g., Salt, Fresh, etc) <u>Salt</u>	Diss. Oxygen <u>7.49</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
STORET # <u>G2SE0040</u>	Temp (C) <u>27.04</u>	pH <u>7.79</u>	Sample Depth <u>0.3</u>	☐ ft ☐ m	Sp. Conductance (umho/cm) <u>20567</u>	D
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <u>12.26</u>	Comments			

Relinquished By: <u>MS</u>	Date/Time <u>5/2/18 1700</u>	Shipping Method <u>fedex</u>	Number of Coolers Shipped: <u>2</u>	Received By: <u>Tyler R.</u>	Date/Time <u>05/03/18 @ 10:20</u>
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Florida Department of Environmental Protection

Central Laboratory Submittal Form

SMP- Martin Boat

last revised Jan 25, 2018

Customer: SE-DIST

Requester: Matt Sewell

Field Report Prepared By: *Matt Sewell*

Project ID: SMP

Collected By: *Matt Sewell*Sampling Agency: *21AWB*

Location <i>St. Lucie River @ Martin Hwy 1</i>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>5/2/18</i> Time <i>1420</i>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Field ID <i>SLSF</i>	Matrix (type, e.g., Salt, Fresh, etc.) <i>Salt</i>	Diss. Oxygen <i>6.46</i>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET # <i>^</i>	Temp (C) <i>26.91</i>	pH <i>7.71</i>	Sample Depth <i>0.3</i>	☐ ft ☐ m	Sp. Conductance (umho/cm) <i>30835</i>	<i>C</i>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <i>19.09</i>	Comments			
Location <i>South Ave SLR @ Lehigh Park</i>		☐ Comp ☒ Grab	Collection (comp begin or grab) Date <i>5/2/18</i> Time <i>1439</i>	Eastern Central	Composite end Date _____ Time _____	Bottle Group(s)
Field ID <i>G2SE0013</i>	Matrix (type, e.g., Salt, Fresh, etc.) <i>Salt</i>	Diss. Oxygen <i>6.56</i>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L) _____		
WIN/STORET # <i>G2SE0013</i>	Temp (C) <i>22.03</i>	pH <i>7.60</i>	Sample Depth <i>0.3</i>	☐ ft ☐ m	Sp. Conductance (umho/cm) <i>32464</i>	<i>C</i>
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt) <i>20.24</i>	Comments			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	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			
Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____	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			

Relinquished By: <i>Matt Sewell</i>	Date/Time <i>5/2/18 1700</i>	Shipping Method <i>FedEx</i>	Number of Coolers Shipped: <i>2</i>	Received By: <i>Tyler R.</i>	Date/Time <i>05/03/18 @ 10:30</i>
--	---------------------------------	---------------------------------	--	---------------------------------	--------------------------------------

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SE-FLR-ENQ						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SE-FLR-FC						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-F W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SE-FLR-ENQ						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	0
	W-ICP W-ICPMS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0

Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	0
	W-PO4-F					
Group: C	Bottle Type:	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY					
	TURBIDITY					
	W-F					
	W-TSS					
Group: C	Bottle Type:	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	CHLSUITE-W					
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
	PCR-FILTER					
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	SE-FLR-ENQ					
Group: C	Bottle Type:	BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
	W-AHERB-AA					
	W-SUC-AA-R					
	W-UHERB-AA					
Group: C	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: C	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F					
Group: D	Bottle Type:	P-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4

Group: D	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY TURBIDITY W-F W-TSS						
Group: D	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: D	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP W-ICPMS						
Group: D	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: D	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: E	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	ALKALINITY TURBIDITY W-F W-TSS						
Group: E	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	CHLSUITE-W						
Group: E	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
	SE-FLR-ENQ						
Group: E	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						

Group: E	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: ALKALINITY TURBIDITY W-F W-TSS	P-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: SE-FLR-ENQ	P-250ML-WI-THI	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 2	Preservative: HNO3	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	0
Group: F	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	6

Check Box That Applies To Your Location

☐ Flowers Chemical Laboratories, Inc.

☒ Flowers Chemical Labs-South

☐ Flowers Chemical Labs-North

☐ Flowers Chemical Labs-Texas

451 Newburyport Ave.
Altamonte Springs, FL 32701
Bus: 407-339-6984
Fax: 407-280-6110

West Park Industrial Plaza
571 N.W. Mercantile Pl., Ste. 111
Port St. Lucie, FL 34986
Bus: 772-343-8006
Fax: 772-343-8089

812 S.W. Harvey Greene Dr.
Madison, FL 32340
Bus: 850-973-6878
Fax: 850-973-6878

3980 Overseas Highway, Ste. 103
Marathon, FL 33060
Bus: 305-743-8596
Fax: 305-743-8598



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Client

FDEP

Address

2199 S. Rock Rd. Fort Pierce, FL 34945

Project Name

SWP Martin Boat

P.O. #

RA-2018-02-12-52

772 448 5884

Phone

Jordan Seaggs

Sampled By (PRINT):

Signature

05/01/2018

Date Sampled

Requested Due Date
10 Day Standard

OR

MM

DD

YY

Vehicle Surchage

Rush Charges May Apply

Pick-Up Fee

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GW - ground water DW - drinking water WW - wastewater
SW - surface water SO - soil/solid SL - sludge HW - waste

PRESERVATIVES

H₂SO₄

HNO₃

HCl

Na₂S₂O₃

ANALYSES REQUEST

Fecal Col.

Enterococci

Staphylococcus

Salmonella

Shigella

Yersinia

Campylobacter

Legionella

Pseudomonas

Acinetobacter

Mycobacterium

Aspergillus

Penicillium

Trichoderma

Chaetomium

Geotrichum

Trichothecium

Trichosporium

Trichostema

Trichostema

Trichostema

Trichostema

Total # Containers

ITEM NO.	SAMPLE ID	DATE	TIME	MATRIX	(LAB USE ONLY) LAB NO.	NONE	H ₂ SO ₄	HNO ₃	HCl	Na ₂ S ₂ O ₃	ANALYSES REQUEST	COMMENTS
1	G-25E0033	05/01/18	11:20	SW	3646405W	X						
2	G-25E0033	"	11:20	SW		X						
3	G-25E0012	"	12:00	SW		X						
4	G-25E0007	"	13:50	SW		X						
5	DUP	"	13:55	SW		X						
6	G-25E0042	"	14:20	SW		X						
7												
8												
9												
10												
Relinquished By / Affiliation												
Date												
Time												
Accepted By / Affiliation												
Date												
Time												
Relinquished By / Affiliation												
Date												
Time												
Accepted By / Affiliation												
Date												
Time												

Rel. 0
24.6

• WHITE - Lab Copy - To Be Scanned

FINANCE CHARGES APPLIED TO PAST DUE INVOICES

• YELLOW - Client Copy

Date of Request: 24-JAN-2018
 Created By: SEWELL_M On: 24-JAN-2018
 Modified By: SWANSON_C On: 25-JAN-2018
 Customer: SE-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southeast District
 Sampling Event: SMP- Martin Boat

Send Coolers To:

Phone: (772) 448-5883
 FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

Program Module Number: 1306
 Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 25-JAN-2018
 Biology Request Reviewed By: SWANSON_C On: 25-JAN-2018
 Sampling Kit Required: YES Ship on: 02-FEB-2018
 Sampling Kit Shipped: YES On: 02-FEB-2018
 Sampling Kit Packed By: SEARSON_C
 Preservatives Needed: NO
 Date to Receive Samples: 12-FEB-2018
 Received By: REAVES_S On: 02-MAY-2018

Send Final Report To:

FL Dept. of Environmental Protection
 2199 South Rock Road
 Fort Pierce, FL 34945
 Attn: Matthew Sewell

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

Comments: Sampler Comments:
 Bottle group A = 3208A1
 Bottle group B = 3208C
 Bottle group C = 3210
 Bottle group D = 3210C
 Bottle group E = 3294
 Bottle group F = 3194B

Bottle Group A (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
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
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type:	Number of Bottles: 1	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type:	Number of Bottles: 1	Preserved With: ICE
SE-FLR-FC	Template: DEFAULT	(SM 9222 D) Fecal coliforms by membrane filter method by Flowers Overflow Laboratory for SED
Bottle Type: P-500ML	Number of Bottles: 1	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-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML Number of Bottles: 1 Preserved With: HNO₃

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-500ML	Number of Bottles: 1	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
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
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
Bottle Type: P-1L	Number of Bottles: 1	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type:	Number of Bottles: 1	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District

Bottle Group C (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO3/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
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type:	Number of Bottles: 2	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 2	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
Bottle Type: P-125ML	Number of Bottles: 2	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 D (Water) With 4 Samples:

Bottle Type: P-1L	Number of Bottles: 4	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
Bottle Type: BP-1L	Number of Bottles: 4	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 4	Preserved With: HNO ₃
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 4	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-125ML	Number of Bottles: 4	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group E (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
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
Bottle Type: BP-1L	Number of Bottles: 1	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type:	Number of Bottles: 1	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: P-500ML	Number of Bottles: 1	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-125ML	Number of Bottles: 1	Preserved With: FILTER-ICE
W-PO ₄ -F	Template: DEFAULT	(EPA 365.1 Rev. 2.0) Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group F (Water) With 2 Samples:

Bottle Type: P-1L	Number of Bottles: 2	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
Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE

Bottle Group F (Water) With 2 Samples:

Bottle Type: BP-1L	Number of Bottles: 2	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: QPCR-P-250ML	Number of Bottles: 4	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: SE-FLR-ENQ	Number of Bottles: 2	Preserved With: ICE
SE-FLR-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert Quanti-Tray method by Flowers Overflow Laboratory for Southeast District
Bottle Type: BG-1L	Number of Bottles: 2	Preserved With: ICE
W-AHERB-AA	Template: DEFAULT	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-SUC-AA-R	Template: DEFAULT	(EPA 8321B) Analysis of sucralose in water matrices by HPLC/MS/MS
W-UHERB-AA	Template: DEFAULT	(USGS O-2060-01) Urea herbicides and other chemicals in water matrices by HPLC/MS/MS
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-ICP	Template:	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Chromium		
Iron		
Zinc		
W-ICPMS	Template: PRTY	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Arsenic		
Cadmium		
Copper		
Lead		
Nickel		
Silver		
Bottle Type: P-500ML	Number of Bottles: 2	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
Bottle Type: P-125ML	Number of Bottles: 2	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.