Request Number: RQ-2017-10-23-03

SMP: Upper Lemon Bay

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Apr 7, 2016

Customer: WQAP

Project ID: SMP

Requester: Benjamin Paswater

Collected By: Rosemary Murphy, Chase Conley

Field Report Prepared By: Rosemary Murphy

Sampling Agency: SROC

Location: RQ-2017-010-23-03 10/24/2017 G3SD102417-1	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 10/24/17 Time 1125	Eastern Central	Composite end Date	Time	Bottle Group(s) (See pg 2): A					
Field ID: WBID 1983A Lemon Bay near Indian Mound Park	Matrix (type, e.g. Salt, Fresh, etc)		Diss. Oxygen 6.8 ☑ mg/L 100 ☑ % sat		Total Res. Chlorine (mg/L)						
STORET #: Field ID STORET G2SD0021	Temp (C) 26.9	pH 8.3	Sample Depth 0.3 ☐ ft ☑ m		Sp. Conductance (umho/cm) 44308						
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments								
Location: RQ-2017-010-23-03 10/24/2017 G2SD102417-2	☐ Comp ☑ Grab	Collection (comp begin or grab) Date 10/24/17 Time 1005	Eastern Central	Composite end Date	Time	Bottle Group(s): A					
Field ID: WBID 2079 Whidden Creek - Between Two Mangroves	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 4.3 ☑ mg/L 63 ☑ % sat		Total Res. Chlorine (mg/L)						
STORET #: Field ID STORET CHARHB0084FTM	Temp (C) 27.4	pH 7.9	Sample Depth 0.3 ☐ ft ☑ m		Sp. Conductance (umho/cm) 38776						
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)						
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)						
STORET #	Temp (C)	pH	Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)						
Latitude ☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments								

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
[signature]	10/24/17 1446	FEDEX	1	Tyler R.	10/25/17 10:0

Sanders Laboratories
Environmental Testing Services

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only): 1710806

Client: FDEP
Address: 2600 Blair Stone Rd.
Tallahassee, FL 32399
Phone: 850-245-8085
Fax:

Report To: dep-Overflowmicro@dep.state.fl.us
Bill to: Carina Tull
P.O. #: Lab #039

Project Name: SMP
Project Location: Winddon Creek
Customer Type:
Kit #:
Requested Due Date:

Preservative: HCL = H, HNO_3= N, $Na_2S_2O_3$ = ST
H_2SO_4 = S, NaOH = SH, NH_4Cl = NH

Sampled By (PRINT): Chase Conley, Rosemary Murphy
Sampler Signature:

Matrix	Sample Description	Sample Date	Sample Time	Sample Type	Preservatives pH	Preservatives Ice	Preservatives S	SM9223B E Coli	ENT	Sample ID # (Lab Use Only)
S	G25D102417-2	10/24/17	1005	Grab		✓		✓	✓	1A/B
	CHARHB0084FTM									

Bottle Lot #			Relinquished By/Affiliation	Date	Time	Accepted By/Affiliation	Date	Time
	RQ-2017- 10-23-03	Okay to Run As Is...	Chase Conley SOROC	10/24/17				
		Client Initial:	FL DEP					
	Samples Are Ambient Water							
	4.8 E. Coli by Quanti Tray	Samples On Ice Yes No						

1050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax(941) 484-6774 10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536
Form #: RCF -02 Approved by: KS 7/11/2016

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-F W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: A	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	PCR-FILTER						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	SD-SND-ECQ						
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	SD-SND-ENT						
Group: A	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	W-AHERB-AA W-SUC-AA-R W-UHERB-AA						
Group: A	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						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						

RQ-2017-10-23-03

Date of Request: 22-AUG-2017
Created By: PASWATER_B On: 22-AUG-2017
Modified By: SWANSON_C On: 28-SEP-2017
Customer: WQAP
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: SROC
Sampling Event: SMP: Upper Lemon Bay

Send Coolers To:

Phone: 239-344-5719
2295 Victoria Ave.
Suite 364
Fort Myers, FL 33901
Attn: Ben Paswater

Send Final Report To:

2295 Victoria Ave.
Suite 364
Fort Myers, FL 33901
Attn: Ben Paswater

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 27-SEP-2017
Biology Request Reviewed By: SWANSON_C On: 28-SEP-2017
Sampling Kit Required: YES Ship on: 12-OCT-2017
Sampling Kit Shipped: YES On: 09-OCT-2017
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 23-OCT-2017
Received By:

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

Comments: Kit B plus MT & Entero & EColi

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 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: QPCR-P-250ML	Number of Bottles: 2	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: 1	Preserved With: ICE	
SD-SND-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by Sanders Laboratories for South District	
Bottle Type:	Number of Bottles: 1	Preserved With: ICE	
SD-SND-ENT	Template: DEFAULT	(Enterolert/QT) Enterococci by MPN method by Sanders Laboratories Overflow Laboratory for SD	
Bottle Type: BG-1L	Number of Bottles: 1	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: 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	

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

Log-in Checklist

RQ- 2017-10-23-03

Shipping Method: UPS

Date/Time of Receipt: 10/25/17 @ 10:00

Cooler ID	Cooler Temperature*	No. Sample Containers in Cooler	Evidence Tape				Tracking # (fill out only if waybill copy is damaged)
			Present?		*Intact?		
			Yes	No	Yes	No	
Red	1.9°C	7		✓			5462 2871 2560

*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_____

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-AHERB-AA (-AHB-AA-R)		✓	W-PCL-SQ (-R)		
W-BNA (-625, -R)			W-PDQUAT		
W-CARB-AA (-CAB-AA-R)			W-PESTNP-R		
W-ENDO-AA			W-PSCL-TQ		
W-GLYPH			W-PSNP-TQ		
W-NP-AA-SF			W-PST-CL-R		
W-PAH (-R)			W-TR-TQ		
W-PCB-R			W-CT-Cl-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes ✓ No____ NA_____ Init: JM

**W-1-4-DIOX (Green dot on container) preserved to pH < 4.0? Yes____ No____ NA ✓ Init: JM

Coolers Unpacked/Checked by: Tyler R. Date: 10/25/17 NCRs (Y/N)? N

Event ID: WQAP-2017-10-25-01 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

ENCORE SAMPLES

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

Were Encore samples received? Yes____ No_____

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_____

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: _____

Additional Comments: