

Log-in Checklist

RQ- 2018-06-04-79

Login Station ID: #5

Shipping Method: FedEx | UPS | HD | Greyhound | _____ Date/Time of Receipt: 06/22/18 9:25

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	2		X			4385 5129 7685

*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 X Date

CONTAINER CHECK

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

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

****Sufficient Sample Volume:** Yes ✓ No

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

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>X</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 X Init:

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

Coolers Unpacked/Checked by: Tyler R Date: 06/22/18 NCRs (Y/N)?

Event ID: 3240M : Stroud Creek NCR #

S0-DIST-2018-06-22-01 (SMP)
 Date Received: 22-JUN-2018 09:25

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_05_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 #	091417V EXP:09/2021

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: _____

Project Title: Powl/Bayshore

Location Code: 24-7GR

Location Coordinates: N26.715065, W-81.799786

Location Description: Stroud Creek @ SR78 Up Side

Sample Collection Time: 9:27

Lab ID# AD78487

Sample Collectors: Nic DeFilippo & Patrick Daughy

Date: 6/21/2018

4	Temp (°C)	SpCond (µS/cm)	D.O. (%)	D.O. (mg/L)	pH	Velocity (ft/s)	DFTOSTWS (ft)	Sample Depth (m)	Total Depth (m)
Field Parameters	26.10	1153	18.90	1.52	7.29	0.100	13.26	0.50	0.70
Qualifiers						U			

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

SAMP = Regular Sample
FB = Field Blank
FCBB = Field Cleaned
Equipment Blank
SWF = Surface Water Fresh
PP = Polypropylene
PE = Polyethylene
CG = Clear Glass
G = Grab
GV = Grab Van Dorn

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD78487
@NP	1	1L	PE	N/A	AD78487
@NPFIL	1	250mL	PE	N/A	AD78487
@H2SO4	1	250mL	PE	No	AD78487
@HNO3	1	250mL	PE	No*	AD78487
@BACT	2	100mL	PP	Yes**	AD78487

Flow Calculation (if Applicable):

Flow (ft³/s):

Flow MDL:

Flow Qualifier:

Collection Method: G

Sample Type: SAMP

Sample Matrix: SWF

Equipment Used

YSI Data Logger and/or Sonde ID# K

Calibrated: 6/18/2018 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 1A

Distance Measuring Tool ID# 4994

0.45µm Filter, 47mm PP Filter Holder, & 60mL Syringe

Filter Lot # R5PA77532 Exp Date: 8/22/2023

30mL FEP Drop Bottle w/Sulfuric Acid (see preservatives)

0.0-3.0 pH Test Paper for pH Verification

Containers of Analyte Free Water for Rinsing and Blank

- ☒ DFTOSTWS taken from middle of bridge
- ☒ Samples submerged in ice within 15min.
- ☒ Samples preserved with Sulfuric Acid acidified in field within 15min.
- ☒ Filtered sample filtered on site
- ☒ Equipment & Bottles cleaned according to DEP
FC1000 and LCEL Field Sampling Quality Manual
- ☒ Velocity not detectable and/or is lower than MDL
- ☐ Acidified samples pH verified in field (quarterly)
Quarterly Months: January, April, July, October
- ☐ @NP bottle used to fill all other bottles.

Misc:

Preservatives	Lot #	Exp. Date
H ₂ SO ₄	3114100	11/13/2017
HNO ₃ *	1116110	12/16/2018
Na ₂ S ₂ O ₃	170129	6/30/2030

Signature of Sample Collector(s) and Date:

NAD

6/21/18

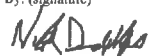
6/21/18

Lab Certification: E45049
LCEL FF COC Field 20160822R0

Lee County Environmental Laboratory
60-2 Danley Dr Ft Myers, FL 33907
Phone: (239) 533-8600

Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

Report/Result Information			Billing/Invoice Information			Matrix Codes:			Preservative Codes:																										
Name: DNRN		Name: DNRN		DW-Drinking Water GW-Ground Water WW-Wastewater CONC-Concentrate SO-Soil SE-Sediment SL-Sludge SA-Saline			SW-Surface Water SWF-Surface Water Fresh SWE-Surface Water Estuarine SWM-Surface Water Marine LE-Landfill Leachate RA-Atmospheric Deposition WWS-Wastewater Sludge O-Other			NP-No Preservative N-Nitric Acid FD-Field Parameter ST-Sodium Thiosulfate AA-Ascorbic Acid M-Monochloroacetic Acid EDA-Ethylene Diamine MS-Manganous Sulfate Solution AIA-Alkaline-iodide-Azide Reagent																									
Address: 1500 Monroe St. Ft. Myers, FL 33901		Address: 1500 Monroe St. Ft. Myers, FL 33901		Phone/Fax/Cell: 239-533-8109			Sample Collector(s) (please print): Nic DeFilippo & Patrick Daughty			Sample Collector Signature: 																									
Relinquished By: (signature) 		Date & Time (24hr): 6/21/2018 12:06		Received By: (signature) 		Analyses Required and Preservatives (See Codes)							Login Record File 180600109																						
Relinquished By: (signature) 		Date & Time (24hr): 6/21/18 14:00		Received By: (signature)																															
Relinquished By: (signature)		Date & Time (24hr):		Received By: (signature)																															
Sample(s) on wet ice? ☒ Yes ☐ No		Temp (°C): 2.2		%DO, CondE, DOField, pHF, TempF		DF-TOSTWS		Velocity		Flow		Sample		MUGQI, Entero		Chlorophyll, Chloroa Prep		BOD, BOD5, Cl-P, Color, NO2, NO3, TSS, Turb		O-PO4, Silica		TKN, TN, T-PO4, NH3, NOX, ONIT		#WSMetals, THardC, Digest W											
Collection Date & Time (24hr)		Sample Location & Description		Sample Matrix		# of Sample Containers Submitted																												Lab ID#	
6/21/2018 8:52		26-GR40 Kickapoo Creek @ Civic Center		SWF		X X X X		X		2		1		1		1		1		1		1								AD78484					
6/21/2018 9:08		26-GR20 Kickapoo Creek @ SR 78		SWF		X X X X		X		4		1		2		1		1		1		1								AD78485					
6/21/2018 9:17		25-GR20 Palm Creek @ SR 78		SWF		X X X X		X		2		1		1		1		1		1		1								AD78486					
6/21/2018 9:27		24-7GR Stroud Cr/78, Up side		SWF		X X X X		X		2		1		1		1		1		1		1								AD78487					
6/21/2018 9:40		23-5GR Frontage Rd/Popash Cr, Up side		SWF		X X X X		X		2		1		1		1		1		1		1								AD78488					
6/21/2018 9:50		22-7GR Bayshore Creek @ Bayshore Road		SWF		X X X X		X		2		1		1		1		1		1		1								AD78489					
6/21/2018 10:00		21-7GR Chapel Branch at 78, Up side		SWF		X X X X		X		2		1		1		1		1		1		1								AD78490					
6/21/2018 10:17		20A-11GR Daughtery-E Branch 78 - Up sid		SWF		X X X X		X		2		1		1		1		1		1		1								AD78491					
6/21/2018 10:30		20-9GR DC at SR78, Up looking North		SWF		X X X X		X		2		1		1		1		1		1		1								AD78492					
6/21/2018 10:45		18-6GR MPt at 78 Up, southeasterly		SWF		X X X X		X		2		1		1		1		1		1		1								AD78493					
6/21/2018 11:00		POWLGR81 Weir at end of N Evalena Ln.		SWF		X X X X		X		2		1		1		1		1		1		1								AD78494					
6/21/2018 11:09		POWLGR51 NE corner of N. Evalena Ln & Bayshore Rd		SWF		X X X X		X		2		1		1		1		1		1		1								AD78495					
6/21/2018 11:23		POWLGR20 Just west of N. Evalena Ln.		SWF		X X X X		X		2		1		1		1		1		1		1								AD78496					
6/21/2018 11:15		WSEQB Watershed Equipment Blank		SWF				X		2		1		1		1		1		1		1								AD78497					

* DEP Bottles

3240M : Stroud Creek

Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: SO-DIST

Requester: Maryann Dugan

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Location		☐ Comp ☐ Grab	Collection (comp begin or grab) Date _____ Time _____		Eastern Central	Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)
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				
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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time

Group: A	Bottle Type: QPCR-P-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
PCR-FILTER				

Group: A	Bottle Type: BG-500ML	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab _____
W-E8321-DI				
W-E8321-MS				

Cooler Packing Worksheet for Request: RQ-2018-06-04-79

3240M : Stroud Creek

Ship Cooler On: 5/25/2018

Customer/Project: SO-DIST/SMP

Assigned To: GREENWOO_J

Requester: Maryann Dugan

Priority: 3

239-533-8600 ext 48605
Lee County Environmental Lab
60 S. Danley Drive Unit 2
Fort Myers, FL 33907
Attn: Bret O'Brien

Please return
packing list with
sample submittal
forms.

Comments:

No preservatives needed.

Group A: Tracers, Markers

Requested Analyses:

Bottle Group: A

of Sites: 1

Container ID: QPCR-P-500ML

Qty: 1

Preservation: ICE

Lot # 00070172

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: BG-500ML

Qty: 1

Preservation: ICE

Lot # 00070815

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Cooler Packed By:

Q.12

Number of Coolers:

1

Date:

5/24/18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-06-04-79

Date of Request: 22-MAY-2018
Created By: DUGAN_M On: 22-MAY-2018
Modified By: SWANSON_C On: 23-MAY-2018
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Sampling Event: 3240M : Stroud Creek

Send Coolers To:

Phone: 239-533-8600 ext 48605
Lee County Environmental Lab
60 S. Danley Drive Unit 2
Fort Myers, FL 33907
Attn: Bret O'Brien

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Maryann Dugan

Program Module Number:
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 23-MAY-2018
Biology Request Reviewed By: SWANSON_C On: 23-MAY-2018
Sampling Kit Required: YES Ship on: 25-MAY-2018
Sampling Kit Shipped: YES On: 24-MAY-2018
Sampling Kit Packed By: GREENWOO_J
Preservatives Needed: NO
Date to Receive Samples: 04-JUN-2018
Received By:

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

Comments: Group A: Tracers, Markers

Bottle Group A (Water) With 1 Samples:

Bottle Type: QPCR-P-500ML	Number of Bottles: 1	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-500ML	Number of Bottles: 1	Preserved With: ICE
W-E8321-DI	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template:	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

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

