

Log-in Checklist

RQ- 2017-11-20-21

Shipping Method: FEDEX

Date/Time of Receipt: 11-14-17/10:00

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	6	2.8C		/			

*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-CI-R		

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

**Acid Preserved Samples: pH ≤ 2.0? Yes No NA Init:

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

Coolers Unpacked/Checked by: Date: 11-14-17 NCRs (Y/N)?

Event ID: Collier Co Tracers & Markers NCR #

WQAP-2017-11-14-01 (SMP)

Date Received: 14-NOV-2017 10:00

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:

Project Title: Powl/Bayshore

Location Code: 22-7GR

Location Coordinates: N26.715253, W-81.821958

Location Description: Bayshore Cr @ SR78; Just East of Railroad Tracks

Sample Collection Time: 9:52

Lab ID# AD58449

Sample Collectors: Bret O'Brien & Patrick Daughy

Date: 11/13/2017

*Nitric Acid added upon return to Lab

**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific

6	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	23.56	487	51.50	4.36	7.20	1.084	5.88	0.50	0.50
Qualifiers									

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

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# 11

Calibrated: 11/13/2017 (see Field Equipment Calibration Log)

Opaque Horizontal Van Dorn # (if applicable):

Velocity Meter ID# 2B

Distance Measuring Tool ID# 4994

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

Filter Lot # R6PA37157 Exp Date: 3/8/2020

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 structure
☒ 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.

Signature of Sample Collector(s) and Date:

11/13/2017

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD58449
@NP	1	1L	PE	N/A	AD58449
@NPFIL	1	250mL	PE	N/A	AD58449
@H2SO4	1	250mL	PE	No	AD58449
@HNO3	1	250mL	PE	No*	AD58449
@BACT	2	100mL	PP	Yes**	AD58449

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

ABP 11-14-17 10:00

Project Title: Powl/Bayshore
 Location Code: POWLGR20
 Location Coordinates: N26.683132, W-81.877392
 Location Description: Just West of N Evalena Rd

Sample Collection Time: 11:11
 Lab ID# AD58456

Sample Collectors: Bret O'Brien & Patrick Daughy

Bottles	Number	Size	Material	Pre-Preserved	Lab ID#
@CHLORO	1	1L	PE	N/A	AD58456
@NP	1	1L	PE	N/A	AD58456
@NPEIL	1	250mL	PE	N/A	AD58456
@H2SO4	1	250mL	PE	No	AD58456
@HNO3	1	250mL	PE	No*	AD58456
@BACT	2	100mL	PP	Yes**	AD58456

Date: 11/13/2017

*Nitric Acid added upon return to Lab						**Pre-Preserved with Sodium Thiosulfate by Thermo Scientific			
13	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	24.86	463	62.50	5.17	7.29	0.257	9.09	0.50	0.90
Qualifiers									

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

Flow Calculation (if Applicable):

Collection Method: G

Flow (ft³/s):

Sample Type: SAMP

Flow MDL:

Sample Matrix: SWF

Flow Qualifier:

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Equipment Used

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Opaque Horizontal Van Dorn # (if applicable):

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- ☒ DFTOSTWS taken from middle of structure
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- ☒ 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: _____

Signature of Sample Collector(s) and Date:

11/13/2017

11/14/17
10:00

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

LCEIL does not accept any samples used for evidentiary purposes

[illegible]

* DEP Books

Date of Request: 30-OCT-2017
Created By: WOLFE_K On: 30-OCT-2017
Modified By: SWANSON_C On: 03-NOV-2017
Customer: WQAP
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South
Sampling Event: Collier Co Tracers & Markers

Send Coolers To:

Phone: 239-533-8600 ext 48605
60 S Danley Dr # 2
Lee County Environmental Lab
Ft Myers, FL 33907
Attn: Brett O'Brien

Program Module Number:

Priority: 3
Event Status: R
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 02-NOV-2017
Biology Request Reviewed By: SWANSON_C On: 03-NOV-2017
Sampling Kit Required: YES Ship on: 08-NOV-2017
Sampling Kit Shipped: YES On: 08-NOV-2017
Sampling Kit Packed By: SHAIK_A
Preservatives Needed: NO
Date to Receive Samples: 20-NOV-2017
Received By: SHAIK_A On: 14-NOV-2017

Send Final Report To:

2295 Victoria AVE
Suite 364
Fort Myers, FL 33901
Attn: Kirby Wolfe

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

Comments: DEP Lab: please send enough coolers for 3 sampling events.

Send 2 - 34qt coolers

Lee County is running bacteria samples.
Lee County Stations
WHISGR10
CYPRESSGR
29-8GR
27-6GR
27O-GR20
22-7GR
POWLGR20

Bottle Group A (Water) With 7 Samples:

Bottle Type: QPCR-P-250ML	Number of Bottles: 14	Preserved With: ICE
PCR-FILTER	Template: DEFAULT	(SOP-PCR-4.0) Preparation of Samples by Filtration and held for qPCR Analysis
Bottle Type: BG-1L	Number of Bottles: 7	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

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

