Log-in Checklist

RQ- 2018-02-12-56

Shipping Method: FEDEX

Date/Time of Receipt: 02/13/18 @ 9:25 am

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	1.7°C	20		X			790774569093
Red	2.6°C	10		X			790774569071
Red	1.2°C	18		X			790774569027
Red	1.0°C	15		X			790774569049

*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 X 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 X Init: ____

Coolers Unpacked/Checked by: Tyler R. Date: 02/13/18 NCRs (Y/N)? N

Event ID: McCoy X4 / Hope / Kasey X2 / Dot X2 / ____ NCR # ____

CEN-DIST-2018-02-13-01 (SMP)

Date Received: 13-FEB-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

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_____ 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:

Request Number: RQ-2018-02-12-56

McCoy X4 / Hope / Kasey X2 / Dot X2 / Tilden X4

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: LeC Boman

Field Report Prepared By: Katie Williams

Sampling Agency: 2IFLIEN

Location

WIN ID / Field ID →

Field ID: Lake Dot @ Center (2997Q)

WIN/STORET

G2CE0067

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 937 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s) (See pg 2): C

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 10.66 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 22.09 | pH 8.57 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 221

Salinity (ppt) 0.10 | Comments

Location

WIN ID / Field ID →

Field ID: Lake McCoy @ 220m SW of Center of Southern Lobe (2993C)

WIN/STORET #

G2CE0144

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1310 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.15 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 23.28 | pH 7.00 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 180

Salinity (ppt) 0.08 | Comments

Location

WIN ID / Field ID →

Field ID: Lake McCoy @ 245m NE of Center of Southern Lobe (2993C)

WIN/STORET #

G2CE0145

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1315 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.88 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 23.69 | pH 7.17 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 179

Salinity (ppt) 0.08 | Comments

Location

WIN ID / Field ID →

Field ID: Lake McCoy @ Center of North Lobe (2993C)

WIN/STORET #

G2CE0171

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1328 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.29 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 23.71 | pH 7.09 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 184

Salinity (ppt) 0.09 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
KWilliams	2/12/18 1600	Fed Ex	4	Tyler R.	02/13/18 @ 9:25

Group: A	Bottle Type:	P-1L	# of Bottles: 9	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	9
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 9	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	9 to Flowers
	CD-FLR-ECQ						
Group: A	Bottle Type:	BP-1L	# of Bottles: 9	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	9
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	9
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 9	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	9
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 9	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	9
	W-PO4-F						
Group: B	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA						
Group: B	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	CH2ClCOOH Pre-Preserved	**Enter Number of Bottles Sent to Lab**	1
	W-CARB-AA						
Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4

Group: B	Bottle Type:	BG-500ML	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-CT-CI-R W-PCL-SQ-R						
Group: B	Bottle Type:	BG-1L	# of Bottles: 4	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	4
	W-PSNP-TQ						
Group: C	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: C	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1 to Flowers
	CD-FLR-ECQ						
Group: C	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	1
	CHLSUITE-W						
Group: C	Bottle Type:	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	2
	PCR-FILTER						
Group: C	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: C	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: C	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	**Enter Number of Bottles Sent to Lab**	1
	W-PO4-F						

Group: D	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0
Group: D	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 2	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0
Group: D	Bottle Type: W-AHERB-AA W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0
Group: E	Bottle Type: CD-FLR-ECQ	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	**Enter Number of Bottles Sent to Lab** 0

Request Number: RQ-2018-02-12-56

McCoy X4 / Hope / Kasey X2 / Dot X2 / Tilden X4

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leif Boman

Field Report Prepared By: Katie Williams

Sampling Agency: DIFCEN

WIN ID / Field ID → G1CE0087

Location: Lake Tilden @ 140m NW of Center (2875B)

Field ID:

WIN/STORET:

Latitude: ☐ dd ☐ dms | Longitude: ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1128 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 8.01 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 22.35 | pH 7.00 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 215

Salinity (ppt) 0.10 | Comments

WIN ID / Field ID → G1CE0088

Location: Lake Tilden @ 165m NE of Center (2875B)

Field ID:

WIN/STORET:

Latitude: ☐ dd ☐ dms | Longitude: ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1135 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.90 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 22.45 | pH 6.96 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 216

Salinity (ppt) 0.10 | Comments

WIN ID / Field ID → G1CE0089

Location: Lake Tilden @ 150m SE of Center (2875B)

Field ID:

WIN/STORET:

Latitude: ☐ dd ☐ dms | Longitude: ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1145 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.94 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 22.70 | pH 7.06 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 216

Salinity (ppt) 0.10 | Comments

WIN ID / Field ID → G1CE0090

Location: Lake Tilden @ 225m S of Center (2875B)

Field ID:

WIN/STORET:

Latitude: ☐ dd ☐ dms | Longitude: ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1155 ☐ Eastern ☐ Central | Composite end Date Time | Bottle Group(s): A

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 7.43 ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 22.49 | pH 6.90 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 216

Salinity (ppt) 0.10 | Comments

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
KWilliams	2/12/18 1600	FedEx	4	Tyler R.	02/13/18@9:25

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	P-1L	9	ICE	Enter Number of Bottles Sent to Lab _____

ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	P-250ML-WI-THI	9	ICE	Enter Number of Bottles Sent to Lab _____

CD-FLR-ECQ

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	BP-1L	9	ICE	Enter Number of Bottles Sent to Lab _____

CHLSUITE-W

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	P-500ML	9	HNO3	Enter Number of Bottles Sent to Lab _____

W-ICP
W-ICPMS

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	P-500ML	9	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	P-125ML	9	FILTER-ICE	Enter Number of Bottles Sent to Lab _____

W-PO4-F

Group:	Bottle Type:	# of Bottles:	Preservative:	
B	BG-1L	2	ICE	Enter Number of Bottles Sent to Lab _____

W-AHERB-AA
W-GLYPH
W-PYR-AA-R
W-SUC-AA-R
W-UHERB-AA

Group:	Bottle Type:	# of Bottles:	Preservative:	
B	BG-1L	1	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____

W-CARB-AA

Group:	Bottle Type:	# of Bottles:	Preservative:	
B	BG-500ML	4	ICE	Enter Number of Bottles Sent to Lab _____

Request Number: RQ-2018-02-12-56

McCoy X4 / Hope / Kasey X2 / Dot X2 / Tilden X4

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By: Leif Boman

Field Report Prepared By: Katie Williams

Sampling Agency: 2FLCEN

Location: WIN ID / Field ID → Lake McCoy @ Center of Southern Lobe (2993C)

G2CE0098

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1303 | Eastern / Central | Composite end Date Time | Bottle Group(s) (See pg 2): A

Matrix (type, e.g., Salt, Fresh, etc): | Diss. Oxygen 7.47 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 23.40 | pH 7.06 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 179

Salinity (ppt) 0.08 | Comments:

Location: WIN ID / Field ID → Kasey Lake @ Center (3002Q)

G2CE0011

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☑ Grab | Collection (comp begin or grab) Date 2/12/18 Time 1020 | Eastern / Central | Composite end Date Time | Bottle Group(s): A/B

Matrix (type, e.g., Salt, Fresh, etc): Fresh | Diss. Oxygen 9.91 ☑ mg/L ☐ % sat | Total Res. Chlorine (mg/L) —

Temp (C) 22.78 | pH 7.19 | Sample Depth 0.3 ☐ ft ☑ m | Sp. Conductance (umho/cm) 104

Salinity (ppt) 0.05 | Comments:

Location:

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments:

Location:

Field ID:

WIN/STORET #:

Latitude ☐ dd ☐ dms | Longitude ☐ dd ☐ dms

☐ Comp ☐ Grab | Collection (comp begin or grab) Date Time | Eastern / Central | Composite end Date Time | Bottle Group(s)

Matrix (type, e.g., Salt, Fresh, etc) | Diss. Oxygen ☐ mg/L ☐ % sat | Total Res. Chlorine (mg/L)

Temp (C) | pH | Sample Depth ☐ ft ☐ m | Sp. Conductance (umho/cm)

Salinity (ppt) | Comments:

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
KWilliams	2/12/18 1600	FedEx	4	Tyler R.	02/13/18 @ 9:25

Group:	Bottle Type:	# of Bottles:	Preservative:	
A	P-1L	9	ICE	Enter Number of Bottles Sent to Lab _____
ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS				
A	P-250ML-WI-THI	9	ICE	Enter Number of Bottles Sent to Lab _____
CD-FLR-ECQ				
A	BP-1L	9	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W				
A	P-500ML	9	HNO3	Enter Number of Bottles Sent to Lab _____
W-ICP W-ICPMS				
A	P-500ML	9	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC				
A	P-125ML	9	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
W-PO4-F				
B	BG-1L	2	ICE	Enter Number of Bottles Sent to Lab _____
W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA				
B	BG-1L	1	CH2ClCOOH Pre-Preserved	Enter Number of Bottles Sent to Lab _____
W-CARB-AA				
B	BG-500ML	4	ICE	Enter Number of Bottles Sent to Lab _____

CONTRACT LAB - CHAIN OF CUSTODY

Client Name: Department of Environmental Protection
Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803
Project Manager: Natalie Ayala / Michael Linger / Kalina Warren
E-Mail: Michael.Linger@dep.state.fl.us
Telephone Number: (407) 897-4100

Project Name: SMP
Project Number: RQ- 2018-02-12-56
Site Location: Tilden, McCoy Pot, Kasey

Contract/PO # Flowers Lab - B16975 **Sampler Names:** Leif Bowman, Katie Williams **Signature:**

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative: ICE	HCL	HNO3	NONE	Matrix: Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Analyze For: Enterococci (ENQ)	Fecal Coliform (FC)	
GZCE0171		2/12/18	1328	1	X		X							X				
GZCE0145		2/12/18	1315	1	X		X							X				
GZCE0098		2/12/18	1303	1	X		X							X				
GZCE0144		2/12/18	1310	1	X		X							X				
GZCE0067		2/12/18	937	1	X		X							X				
GZCE0090		2/12/18	1155	1	X		X							X				
GZCE0011		2/12/18	1020	1	X		X							X				
GZCE0089		2/12/18	1145	1	X		X							X				

Special Instructions:
Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
	2/12/18	1442		2/12	14:43	Temp Upon Receipt: 0°C
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? Y N

CONTRACT LAB - CHAIN OF CUSTODY

Client Name: Department of Environmental Protection
Address: 3319 Maguire Blvd Suite 232, Orlando, FL 32803
Project Manager: Natalie Ayala / Michael Linger / Kalina Warren
E-Mail: Michael.Linger@dep.state.fl.us
Telephone Number: (407) 897-4100

Project Name: SMP
Project Number: RQ-2018-02-12-SLP
Site Location: Tilden, McCoy, Dot, Kasey

Contract/PO # Flowers Lab - B16975 **Sampler Names:** Katie Williams, Leif Boman **Signature:** K Williams

FIELD ID	Lab No. (Lab Use Only)	Date	Time Sampled	No. of Containers	Grab	Composite	Preservative: ICE	HCL	HNO3	NONE	Matrix: Groundwater	Wastewater	Drinking Water	Surface Water	Escherichia Coli (ECQ)	Analyze For: Enterococci (ENQ)	Fecal Coliform (FC)	
GLE0088		2/12/18	1135	1	X		X							X	X			
GLE0087		2/12/18	1126	1	X		X							X	X			

Special Instructions:
Samples are ambient water and not suspected to contain chlorine

Relinquished by:	Date	Time	Received by:	Date	Time	Comments
K Williams	2/12/18	1442	MM / FCL	2/12	14:43	Temp Upon Receipt :
Relinquished by:	Date	Time	Received by:	Date	Time	Sample Containers Intact? Y N

RQ-2018-02-12-56

Date of Request: 25-JAN-2018
Created By: LINGER_M On: 25-JAN-2018
Modified By: SWANSON_C On: 29-JAN-2018
Customer: CEN-DIST
Project: SMP
Division:
District: Central District
Sampling Event: McCoy X4 / Hope / Kasey X2 / Dot X2 / Tilden X4

Send Coolers To:

Phone: 407-894-4180
FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Michael Linger

Send Final Report To:

FL Dept. of Environmental Protection
3319 Maguire Blvd., Suite 232
Orlando, FL 32803-3767
Attn: Michael Linger

Program Module Number: 1306
Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 26-JAN-2018
Biology Request Reviewed By: SWANSON_C On: 29-JAN-2018
Sampling Kit Required: YES Ship on: 02-FEB-2018
Sampling Kit Shipped: YES On: 02-FEB-2018
Sampling Kit Packed By: REYNOLDS_T
Preservatives Needed: NO
Date to Receive Samples: 12-FEB-2018
Received By:

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

Comments:
Group A: Kasey 1/ McCoy X4 / Tilden X4
Group B: Kasey 1
C: Dot 1
D: Dot 2
E: Kasey 2

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-1L Number of Bottles: 9 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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR Color (true)	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Type: Number of Bottles: 9 Preserved With: ICE

CD-FLR-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District

Bottle Type: BP-1L Number of Bottles: 9 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: 9 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

Calcium
Chromium
Iron
Magnesium
Nickel
Potassium

Bottle Group A (Water) With 9 Samples:

Bottle Type: P-500ML Number of Bottles: 9 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
Sodium		
Zinc		
W-ICPMS	Template:	(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		
Silver		

Bottle Type: P-500ML Number of Bottles: 9 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: 9 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 B (Water) With 1 Samples:

Bottle Type: BG-1L Number of Bottles: 4 Preserved With: ICE

W-PSNP-TQ	Template: DEFAULT	(EPA 8270D) Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

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

W-AHERB-AA	Template:	(USGS O-2060-01) Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS
W-GLYPH	Template: DEFAULT	(EPA 8321B) Glyphosate in water matrices by HPLC/MS/MS
W-PYR-AA-R	Template: DEFAULT	(EPA 8321B) Pyraclostrobin 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: BG-1L Number of Bottles: 1 Preserved With: CH2ClCOOH Pre-Preserved

W-CARB-AA	Template: DEFAULT	(EPA 8321B) Carbamates in water matrices by HPLC/MS/MS

Bottle Type: BG-500ML Number of Bottles: 4 Preserved With: ICE

W-CT-CI-R	Template: DEFAULT	(EPA 8276) Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
W-PCL-SQ-R	Template: DEFAULT	(EPA 8270D) Organochlorine pesticides in water matrices by GC/MS-SIM

Bottle Group C (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-CL-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Chloride in aqueous matrices
W-COLOR	Template: DEFAULT	(SM 2120 B) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO4-IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices

Bottle Type: Number of Bottles: 1 Preserved With: ICE

CD-FLR-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District

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: 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 Group C (Water) With 1 Samples:

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 Group D (Water) With 1 Samples:

Bottle Type: Number of Bottles: 1 Preserved With: ICE

CD-FLR-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District

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: 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 Group E (Water) With 1 Samples:

Bottle Type: Number of Bottles: 1 Preserved With: ICE

CD-FLR-ECQ	Template: DEFAULT	(SM 9223 Quanti-Tray) Escherichia coli by Colilert 18 Quanti-Tray method by FlowersOverflow Laboratory for Central District

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