



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

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Data Qualified?
Yes / No

STORET Station Name: Central Drainage Ditch downstream of Orange Ave. Date: 3/29/2017

STORET Station ID: G1WA0026 WBID: 857 Latitude: 30.4095

County: Leon RQ: 2017-03-27-12 ORG ID: 21FLWQA Longitude: -84.3073

Receiving Body of Water: Lake Munson Field ID: G1WA0026_03292017

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
Curtis Musson									☒ Sample Container	☐ Van Dorn	☐ Pole
Robert Wiwi									☐ Carboy	☒ Syringe	
									☐ Dipper	☐ Other	
									Equipment ID		
									Collection Method		
									☒ Wading		
									☐ From Shore		
									☐ Other (note below)		
									☐ Via Boat		
									☐ Canoe/Kayak		
									☐ Electric Motor		
									☐ Gasoline Motor		
Water Level: Dry / Pooled / <u>Low</u> / Normal / High / Flooded									Matrix: <u>Fresh</u> / Marine / DI		
Meter ID# <u>Biology 2</u>									Photos: Yes / <u>No</u>		
									Tide Falling: Yes / No / <u>NA</u>		

Field Sample

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	12:00	0.06	0.12	6.91	79.1	7.48	0.14	VOB	285	21.73
CEN										

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other _____

SBIO ID Numbers: SBIO-ID: _____ RPS-ID: _____ Macrophyte-ID: _____ LIMS#: _____

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	SA-6302030	10/28/17	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	NA-6253070	9/9/17	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enter ☒ PCR-FILTER	☒ Ice			
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA	☒ Ice			
Pesticides	☒ W-PSNP-TQ ☒ W-AHERB-AA ☒ W-PYR-AA-R ☒ W-SUC-AA-R	☒ Ice			
	☒ W-PCL-SQ-R ☒ W-UHERB-AA ☒ W-GLYPH	☐ Other			
Notes:	1-Kit C, FW Bact, Pest, Tracers, Markers				

A, B, C, D

Contains 1:1 Sulfuric Acid SA-6302030 EXP: 10/28/17

Contains 1:1 Nitric Acid NA-6253070 EXP: 09/09/17

QA/QC Sample Information

Duplicate

Time Zone: <u>EST</u> CEN		Sample Depth (m): <u>0.06</u>		Field ID: <u>G1WA0026_03292017D</u>	
Time: <u>12:00</u>		Total Depth (m): <u>0.12</u>			
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	<u>SA-6302030</u>	<u>10/28/17</u>	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA-6253070</u>	<u>9/9/17</u>	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Contains 1:1 Sulfuric Acid SA-6302030 EXP: 10/28/17 Warning! See SDS Contains 1:1 Nitric Acid NA-6253070 EXP: 09/09/17 Warning! See SDS		
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-Cl-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Entero ☒ PCR-FILTER	☒ Ice			
Tracers	☒ W-SUC-AA-R ☒ W-UHERB-AA ☒ W-AHERB-AA	☒ Ice			
Pesticides	☒ W-PSNP-TQ ☐ W-AHERB-AA ☒ W-PYR-AA-R ☐ W-SUC-AA-R ☒ W-PCL-SQ-R ☐ W-UHERB-AA ☒ W-GLYPH	☒ Ice ☐ Other			
<u>Lab group: F</u>		1-Kit C, FW Bact, Pest, Tracers, Markers			

Blank

Time Zone: <u>EST</u> CEN		Time: <u>11:45</u>		Field ID: <u>G1WA0026_03292017B</u>		Location: <u>Central Drainage Ditch</u>	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____					
Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check		
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	<u>6302030</u>	<u>10/28/17</u>	☒ < 2		
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA-6253070</u>	<u>9/9/17</u>	☒ < 2		
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative (If Available) Sulfuric Acid SA-6302030 EXP: 10/28/17 Warning! See SDS				
Chlorophyll	☒ CHLSUITE-W	☒ Ice					
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-Cl-IC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice					
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY	☐ Ice					
Microbiology	☐ E Coli ☐ F Coli ☐ Entero ☐ PCR-FILTER	☐ Ice					
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice					
Pesticides	☒ W-PSNP-TQ ☒ W-AHERB-AA ☒ W-PYR-AA-R ☒ W-SUC-AA-R ☒ W-PCL-SQ-R ☒ W-UHERB-AA ☒ W-GLYPH	☒ Ice ☐ Other					
<u>lab group: E</u>		1-Kit C, FW Bact, Pest, Tracers, Markers					

Notes:

No Poly Blank

Field ID →
Central Drainage
Ditch downstream
of Orange Ave.

MAR 29, 2017



G1WA0026_03292017

Central Drainage
Ditch downstream
of Orange Ave.

STORET ↓



G1WA0026

Signature: [Signature]

Date: 3/29/17

Field Parameters Entered into LIMS: DT 3/31/2017
(Initials/Date)

Field Parameters QC in LIMS: _____
(Initials/Date)

Date Migrated to STORET: _____
(Initials/Date)

Field Sheets Scanned/Saved: DT 3/31/2017
(Initials/Date)

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

~~Print "X" this box if there is qualified data on this page.~~

Meter Biology 2

RQ- 2017-03-27-12

Project SMP

- Notes:** (1) Numbers ≤ 4 , are rounded down; numbers ≥ 5 are rounded up (e.g., 5.15 becomes 5.2).
 (2) Always wait for meter to stabilize before recording any readings.
 (3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Circle/Fill In: Lab Calibration or Calibration/Verification on Site _____

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification 03/06/2017

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	Curtis Mussen	3/29/17	7:15	22.1	8.727	8.72	100.0	46	-	P	LAB
ICV	Curtis Mussen	3/29/17	7:16	22.13	8.727	8.73	100.1	46	-	P	LAB
CCV	Robert Wini	3/29/17	13:30	26.6	8.0	8.1	100	-462	-	P	LAB
CCV											

Report DO mg/L with one decimal figure and DO % saturation as a whole number with no decimals.

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15; DO charge N/A.

Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard μ hos/cm	Meter Reading μ hos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Mussen	3/29/17	7:18	161111D	11-17	1000	1000	P	LAB
ICV	Curtis Mussen	3/29/17	7:19	161111D	11-17	1000	1001	P	LAB
CCV	Robert Wini	3/29/17	13:32	2510F2S	10/17	100	100	P	LAB
CCV									

Report specific conductance as a whole number with no decimal figure.

Conductivity Acceptance criteria $\pm 5\%$

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	Curtis Mussen	3/29/17	7:20	161111B	5/18	7.0	7.00	-19	P	LAB
Calibr.	Curtis Mussen	3/29/17	7:21	161111A	11-17	4.01	4.01	160	P	LAB
Calibr.	Curtis Mussen	3/29/17	7:23	161111C	5-18	10.01	9.95	-181	P	LAB
ICV	Curtis Mussen	3/29/17	7:24	161111C	5/18	10.01	9.90	-179	P	LAB
CCV	Robert Wini	3/29/17	13:33	161111A	11/17	4.01	3.68	176.4	F	LAB
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU;

mV pH7 Range 0 $\pm$ 50;

mV pH 4 Range +180 $\pm$ 50;

mV pH 10 Range -180 $\pm$ 50;

Slope from 7 to 10 and 4 to 7 must be between 165 and 180 mV

Depth (Quarterly)

Date of Last Depth Verification _____

Depth Sensor (Daily)	Name	Date	Time CT-ET	Zero the Sensor	ICV Value	Pass / Fail	Lab / Field
Pressure mode in air				0.000			

ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater

Request Number: RQ-2017-03-27-12

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

SMP
Customer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson

Field ID: →
entral Drainage
itch downstream
Orange Av. 3

Collected By: Robert Wini, Curtis Musson

Field Report Prepared By: Robert Wini
Sampling Agency: FDEP

Field ID: →
entral Drainage
itch downstream
Orange Av. 3
MAR 29, 2017
G1WA0026 03292017

ST
Central Drainage
Ditch downstream
of Orange Ave.
STORET ↓
G1WA0026

Field ID: →
QC-DUP
MAR 29, 2017
G1WA0026 03292017D

ST
QC - Duplicate
Central Drainage
Ditch downstream
of Orange Ave.
STORET ↓
G1WA0026

Field ID: →
QC - Blank
DI Water
MAR 29, 2017
G1WA0026 03292017B

QC - BLANK

☐ Comp	Collection (comp begin or grab)	Date	Time	☒ Eastern	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
☒ Grab		3/29/17	12:00	☒ Central				

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depth (m)	Sp. Conductance (umho/cm)	Bottle Group(s)
Fresh	6.91				

Temp (C)	Salinity (ppt)	Comments	Bottle Group(s)
21.73	0.14		A,B,C, D

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	Bottle Group(s)
30.4095	-84.3073	

☐ Comp	Collection (comp begin or grab)	Date	Time	☒ Eastern	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
☒ Grab		3/29/17	12:00	☒ Central				

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depth (m)	Sp. Conductance (umho/cm)	Bottle Group(s)
Fresh	6.91				

Temp (C)	Salinity (ppt)	Comments	Bottle Group(s)
21.73	0.14		F

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)	Bottle Group(s)
30.4095	-84.3073	

☐ Comp	Collection (comp begin or grab)	Date	Time	☒ Eastern	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
☒ Grab		3/29/17	11:45	☒ Central				

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depth (m)	Sp. Conductance (umho/cm)	Bottle Group(s)
DI. Water					E

Temp (C)	Salinity (ppt)	Comments	Bottle Group(s)
		Field Blank - DI. Water	

Relinquished By: [Signature]	Date/Time: 3/29/17 13:11	Number of Coolers: 5	Received By: [Signature]	Date/Time: 3-29-17 13:11
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Request Number: RQ-2017-03-27-12

SMP

Customer: WQ-ASSESS

Project ID: SMP

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Requester: Curtis Musson

Collected By: Robert Wivi, Curtis Musson

Field Report Prepared By: Robert Wivi
Sampling Agency: FDEP

Page 1 of 1

Field ID: →
Stafford Creek
100 meters
upstream of
SR 69
MAR 29, 2017
G2WA0004_03292017

STAFFORD CREEK 100
meters upstream
of SR 69
G2WA0004

Field ID: →
Tallavanna
Lake Middle
MAR 29, 2017
G1WA00045_03292017

STREET
Tallavanna
Lake Middle
G1WA00045

Location

Field ID

STREET #

☐ Comp	Collection (comp begin or grab)	Date	Time	Eastern Central	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
☒ Grab		3/29/17	9:20					
Matrix (Salt, Fresh)								
Fresh								
Temp (C)		19.63						
pH		6.77						
Salinity (ppt)		0.04						
Comments								
Latitude (Decimal Degrees)		30.4991			Longitude (Decimal Degrees)		-85.0427	

☐ Comp	Collection (comp begin or grab)	Date	Time	Eastern Central	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
☒ Grab		3/29/17	10:45					
Matrix (Salt, Fresh)								
Fresh								
Temp (C)		23.96						
pH		8.59						
Salinity (ppt)		0.09						
Comments								
Latitude (Decimal Degrees)		30.59862			Longitude (Decimal Degrees)		-84.46593	

☐ Comp	Collection (comp begin or grab)	Date	Time	Eastern Central	Collection (comp begin or grab)	Date	Time	Bottle Group(s)
☒ Grab								
Matrix (Salt, Fresh)								
Temp (C)								
pH								
Salinity (ppt)								
Comments								
Latitude (Decimal Degrees)					Longitude (Decimal Degrees)			

Relinquished By: [Signature]

Date/Time: 3/29/17 13:11

Number of Coolers: 5

Received By: [Signature]

Date/Time: 3-29-17 13:14

Group: B	Bottle Type: W-PYR-AA-R	BG-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: C	Bottle Type: ECOIL-18QT	P-250ML-WO-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab	3
Group: D	Bottle Type: PCR-FILTER	QPCR-P-250ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: ECOIL-18QT	P-250ML-WO-THI	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	0
Group: E	Bottle Type: W-AHERB-AA W-GLYPH W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-CT-Cl-R W-PCL-SQ-R	BG-500ML	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: E	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
Group: E	Bottle Type: W-NH3	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1

Group: F	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP						
	W-ICPMS						
Group: F	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: F	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	ICE-FLTR	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: F	Bottle Type:	BG-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	W-PSNP-TQ						
Group: F	Bottle Type:	BG-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	W-PYR-AA-R						

Cooler Packing Worksheet for Request: RQ-2017-03-27-12

Central, Stafford, Tallavanna Pesticides

Ship Cooler On: 3/24/2017

Customer/Project: WQ-ASSESS/SMP

Assigned To: KITCHEN_S

Requester: Curtis Musson

Priority: 3

850-245-8453
Division Of Water Facilities, FL DEP
2600 Blair Stone Rd.
Tallahassee, FL 32399-2400

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Freshwater Kit With Metals

Group B: Pesticides

Group C: E. coli

Group D: PCR (Markers)

Group E: BLANK (Nutrients, Metals, E. coli, Pesticides)

Group F: Duplicate (Nutrients, Metals, E. coli, Pesticides)

Packing Notes:

No FedEx labels need, samples will be dropped off at TLH central lab.

8 - liters of DI water for blank

Requested Analyses:

Bottle Group: A

of Sites: 3

Container ID: P-1L

Qty: 3 Preservation: ICE

Description: Plastic Bottle 1L

Lot #

000615K
00066326-17
00067304

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 3 Preservation: ICE

Lot # 1191091

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-500ML

Qty: 3 Preservation: HNO3

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 3 Preservation: ICE And H2SO4

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 3 Preservation: ICE-FLTR

Lot # 00065449

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 3

Container ID: BG-1L

Qty: 3 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-GLYPH

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Glyphosate in water matrices by HPLC/MS/MS

W-SUC-AA-R
W-UHERB-AA

Analysis of sucralose in water matrices by HPLC/MS/MS
Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 8 Preservation: ICE

Lot # 00066845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R
W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: BG-1L

Qty: 8 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Container ID: BG-1L

Qty: 3 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Analysis

W-PYR-AA-R

Description

Pyraclostrobin in water matrices by HPLC/MS/MS

Bottle Group: C

of Sites: 3

Container ID: P-250ML-WO-THI

Qty: 3 Preservation: ICE

Lot # L16292

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Bottle Group: D

of Sites: 1

Container ID: QPCR-P-250ML

Qty: 2 Preservation: ICE

Lot # L16292

Description:

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group: E**# of Sites: 1**

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00067304

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1191091

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # 416292

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-GLYPH

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

Glyphosate in water matrices by HPLC/MS/MS

Analysis of sucralose in water matrices by HPLC/MS/MS

Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00066845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R

W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization

Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP

W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: ICE-FLTR

Lot # 00068449

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: BG-1L

Qty: 2 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-PSNP-TQ

Description

Organonitrogen and phosphorus pesticides (ultra trace level) in water matrices by GC/MS/MS

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Analysis

W-PYR-AA-R

Description

Pyraclostrobin in water matrices by HPLC/MS/MS

Bottle Group: F

of Sites: 1

Container ID: P-1L

Qty: 1 Preservation: ICE

Lot # 00066^{sk}326.17

Description: Plastic Bottle 1L

00067304

Analysis

ALKALINITY

TURBIDITY

W-CL-IC

W-COLOR

W-F

W-SO4-IC

W-TDS

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Chloride in aqueous matrices

True Color measured at 450 nm

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Sulfate in aqueous matrices

Total Dissolved Solids in aqueous matrices

Total Suspended Solids in aqueous matrices

Container ID: BP-1L

Qty: 1 Preservation: ICE

Lot # 1191091

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, phaeophytin and ratio by spectrophotometry

Container ID: P-250ML-WO-THI

Qty: 1 Preservation: ICE

Lot # 116292

Description:

Analysis

ECOLI-18QT

Description

Escherichia coli by Colilert 18 Quanti-Tray method - non-chlorinated water systems

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

Description

Chlorinated (phenoxy acid) herbicides in water matrices by HPLC/MS/MS

W-GLYPH
W-SUC-AA-R
W-UHERB-AA

Glyphosate in water matrices by HPLC/MS/MS
Analysis of sucralose in water matrices by HPLC/MS/MS
Urea herbicides and other chemicals in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 2 Preservation: ICE

Lot # 00066845

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-CT-CI-R
W-PCL-SQ-R

Description

Organochlorine pesticides in water matrices by GC/MS with Negative Chemical Ionization
Organochlorine pesticides in water matrices by GC/MS-SIM

Container ID: P-500ML

Qty: 1 Preservation: HNO3

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix RED nitric acid dot to container.

Analysis

W-ICP
W-ICPMS

Description

Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects

Container ID: P-500ML

Qty: 1 Preservation: ICE And H2SO4

Lot # 00066885

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

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

Description

Ammonia in aqueous matrices as mg N/L
Nitrite/Nitrate in aqueous matrices as mg N/L
Total Phosphorus in aqueous matrices as mg P/L
Total Kjeldahl Nitrogen in aqueous matrices
Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 1 Preservation: ICE-FLTR

Lot # 00065449

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Container ID: BG-1L

Qty: 2 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

Description

Container ID: BG-1L

Qty: 1 Preservation: ICE

Lot # 00066798

Description: Brown Glass Bottle 1L

Analysis

W-PYR-AA-R

Description

Pyraclostrobin in water matrices by HPLC/MS/MS

Cooler Packed By: SKDate: 3-26-17DEP Cooler ID #(s): 7 Coolers

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle (1 per cooler)
- ☐ FedEx Bills, if applicable (1 per cooler)
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

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

PLEASE RETURN ALL COOLERS FOR RQ-2017-03-27-12