



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

March 2017

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Data Qualified?
Yes / No

Location/STORET Station Name: Lake Arrowhead at boat dock at Turtle Crk Ln near outle
Date: 05/30/2017 6/27/17
(mm/dd/yyyy)

STORET # G1WA0004 WBID: 564A Latitude: 30.568517
(Decimal Degrees)

County: Leon RQ - 2017-05-15-16 ORG ID: 21FLWQA Longitude: -84.218058
(Decimal Degrees)

Receiving Body of Water: Pine Hill Lake Field ID: G1WA0004_05302017

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Curtis Musson								
Diana Turner								
Robert Wiwi								

Sampling Equipment	
☒ Sample Container	☐ Van Dorn ☐ Pole
☐ Carboy	☒ Syringe
☐ Dipper	☐ Other
Equipment ID	

Collection Method	
☐ Wading	☐ Via Boat
☐ From Shore	☐ Canoe/Kayak
☒ Other (note below)	☐ Electric Motor
From Dock	☐ Gasoline Motor

Water Level: Dry / Pooled / Low / Normal / High / Flooded	Matrix: Fresh / Marine / DI
Meter ID# Biology #2	Photos: Yes / No
	Tide Falling: Yes / No / NA

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	8:55	0.3	1.4	8.00	104.1	7.12	0.03	0.6	73	29.09
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	7093010	4/3/18	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-Cl / 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 ☐ Enterococci ☐ qPCR	☐ 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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains
1:1
Sulfuric Acid
SA-7093010
EXP: 04/03/18
Warning!
See SDS

QA/QC Sample Information

Duplicate

Time Zone: EST CEN		Sample Depth (m): _____		Field ID: _____	
Time: _____		Total Depth (m): _____			
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 ☐ H ₂ SO ₄			☐ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	Place Preservative Sticker(s) Here (If Available)		
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 ☐ Enterococci ☐ qPCR	☐ 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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN		Time: <u>7:16</u>		Field ID: <u>61WA0002-06272017B</u>		Location: <u>Boat storage</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 ☒ H ₂ SO ₄	<u>7093010</u>	<u>4/3/18</u>	☒ < 2		
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2		
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	Place Preservative Sticker(s) Here (If Available)				
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 ☐ Enterococci ☐ qPCR	☐ 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-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other					

Notes:

1-Kit A

Lake Arrowhead at
boat dock at Turtle
Crk Ln near outlet

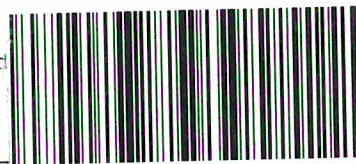
STORET ↓



G1WA0004

Field ID →

Lake Arrowhead
at boat dock at
Turtle Crk Ln
near outlet
June 27, 2017



G1WA0004_06272017

Signature: _____

[Handwritten Signature]

Date: _____

6/27/17

Field Parameters Entered into LIMS: _____

DT 6/30/17

(Initials/Date)

Field Parameters QC in LIMS: _____

Date Migrated to STORET: _____

(Initials/Date)

Field Sheets Scanned/Saved: _____

DT 6/30/17

(Initials/Date)

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

Boldly "X" this box if there is qualified data on this name.

Meter **Biology #2**

RQ- **2017-05-15-16**

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 Musson	6/26/17	16:06	22.91	8.595	8.59	100.0	46	—	P	LAB
ICV	Curtis Musson	6/26/17	16:07	22.91	8.595	8.59	100.0	47	—	P	LAB
CCV	Robert Wini	6/27/17	14:43	25.3	8.218	8.29	100.7	47.1	—	P	L
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 mhos/cm	Meter Reading μ mhos/cm	Pass / Fail	Lab / Field
Calibr.	Curtis Musson	6/26/17	16:08	170310D	3/24/18	1000	1000	P	LAB
ICV	Curtis Musson	6/26/17	16:09	170310D	3/24/18	1000	1000	P	LAB
CCV	Robert Wini	6/27/17	14:45	170310E	3/18	100	104	P	L
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 Musson	6/26/17	16:11	170310B	9/24/18	7.0	7.00	-7	P	LAB
Calibr.	Curtis Musson	6/26/17	16:12	170310A	3/20/18	4.01	4.01	166	P	LAB
Calibr.	Curtis Musson	6/26/17	16:14	161111C	5/24/18	10.01	9.99	-125	P	LAB
ICV	Curtis Musson	6/26/17	16:15	161111C	5/24/18	10.01	9.89	-171	P	LAB
CCV	Robert Wini	6/27/17	14:48	170310A	3/18	4.01	4.09	164.8	P	L
CCV										

Report pH with one decimal place; pH Acceptance criteria ± 0.2 SU; mV pH7 Range 0 ± 50 ; mV pH 4 Range $+180 \pm 50$; mV pH 10 Range -180 ± 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: 2017-05-15-16

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

Page 1 of 4

Customer: WC-ASSESS
Project ID: SMP

Requester: Curtis Musson

Collected By: Curtis Musson, Robert Wivi

Field Report Prepared By: Robert Wivi
Sampling Agency: FDEPAj Henry Park
Pond Middle

GTWA0058

Field ID: →

Aj Henry Park
Pond Middle

June 27, 2017 GTWA0058_06272017

STORET ↓

☐ Comp
☒ GrabCollection (comp begin or grab)
Date 6/27/17 Time 8:15☒ Eastern
☐ CentralCollection (comp begin or grab)
Date

Time

Bottle
Group(s)Matrix (Salt, Fresh)
Fresh
Diss. Oxygen (mg/L) 6.26Temp (C) 29.24
pH 7.01

Sample Depths (m) 0.3

Sp. Conductance (umho/cm) 29

Salinity (ppt) 0.04

Comments

Latitude (Decimal Degrees) 30.508

Longitude (Decimal Degrees) -84.216

Lake Arrowhead at
boat dock at Turtle
Creek Ln near outlet

GTWA0004

Field ID: →

Lake Arrowhead
boat dock at
Turtle Creek Ln
near outlet

June 27, 2017 GTWA0004_06272017

STORET ↓

☐ Comp
☒ GrabCollection (comp begin or grab)
Date 6/27/17 Time 8:55☒ Eastern
☐ CentralCollection (comp begin or grab)
Date

Time

Bottle
Group(s)Matrix (Salt, Fresh)
Fresh
Diss. Oxygen (mg/L) 8.00Temp (C) 29.09
pH 7.12

Sample Depths (m) 0.3

Sp. Conductance (umho/cm) 73

Salinity (ppt) 0.03

Comments

Latitude (Decimal Degrees) 30.568517

Longitude (Decimal Degrees) -84.218058

Tallavanna
Lake Middle

GTWA0045

Field ID: →

Tallavanna
Lake Middle

June 27, 2017 GTWA0045_06272017

STORET ↓

☐ Comp
☒ GrabCollection (comp begin or grab)
Date 6/27/17 Time 9:53☒ Eastern
☐ CentralCollection (comp begin or grab)
Date

Time

Bottle
Group(s)Matrix (Salt, Fresh)
Fresh
Diss. Oxygen (mg/L) 9.68Temp (C) 29.07
pH 8.97

Sample Depths (m) 0.3

Sp. Conductance (umho/cm) 251

Salinity (ppt) 0.12

Comments

Latitude (Decimal Degrees) 30.59862

Longitude (Decimal Degrees) -84.46593

Relinquished By: [Signature]

Date/Time 6/27/17 14:25

Number of Coolers 5

Received By: [Signature]

Date/Time 6/28/17 14:30

Request Number: 2017-05-15-16

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal FormCustomer: WQ-ASSESS
Project ID: SMP

Requester: Curtis Musson

Collected By: Curtis Musson, Robert Wini

Field Report Prepared By: Robert Wini
Sampling Agency: FDEP

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QC BLANK



G1WA0052_06272017B

Swamp Creek
upstream of
Railroad

G1WA0052



G1WA0052_06272017

Swamp Creek
upstream of
Railroad
QC - DUP

G1WA0052



G1WA0052_06272017D

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/27/17 Time 7:16	☒ Eastern ☐ Central	Collection (comp begin or grab) Date	Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	C, E
Temp (C)					
Salinity (ppt)		Comments			
Latitude (Decimal Degrees)		QC Blank, DI Water	Longitude (Decimal Degrees)		

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/27/17 Time 10:55	☒ Eastern ☐ Central	Collection (comp begin or grab) Date	Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	C, D, E, F, G
Temp (C)					
Salinity (ppt)		Comments			
Latitude (Decimal Degrees)			Longitude (Decimal Degrees)		

☐ Comp ☒ Grab	Collection (comp begin or grab) Date 6/27/17 Time 10:55	☒ Eastern ☐ Central	Collection (comp begin or grab) Date	Time	Bottle Group(s)
Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)	C, D, E
Temp (C)					
Salinity (ppt)		Comments			
Latitude (Decimal Degrees)			Longitude (Decimal Degrees)		

Relinquished By:

Date/Time

Number of Cores

Received By:

Date/Time

Date/Time

Request Number: 2017-05-15-16

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Central Lab Sample Submittal Form

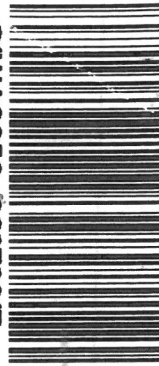
Requester: Curtis Musson

Customer: WQ-ASSESS
Project ID: SMP

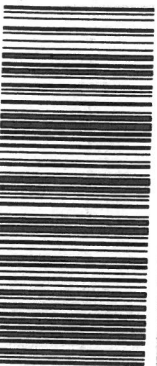
Collected By: Curtis Musson, Robert Livi

Field Report Prepared By: Robert Livi
Sampling Agency: FDEP

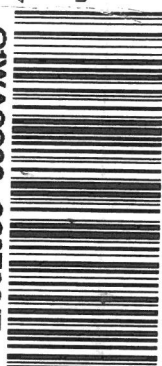
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Salem Branch
downstream of
FSR 159STORET ↓
G1WA0053Field ID →
Salem Branch
downstream of
FSR 159
June 27, 2017

G1WA0053_06272017

Harbinwood
Estates DrainSTORET ↓
G1WA0034Field ID →
Harbinwood
Estates Drain
June 27, 2017

G1WA0034_06272017

Megginis Arm Run
Downstream of SharerSTORET ↓
G1WA0033Field ID →
Megginis Arm
Run Downstream
of Sharer
June 27, 2017

G1WA0033_06272017

☐ Comp
☒ Grab
 Collection (comp begin or grab)
 Date 6/27/17 Time 11:50
 Matrix (Salt, Fresh) Fresh
 Temp 27.88
 pH 6.90
 Salinity 0.12
 Comments
 Latitude (Decimal Degrees) 30.36
 Longitude (Decimal Degrees) -84.432

☒ Eastern
☐ Central

 Collection (comp begin or grab)
 Date
 Time
Bottle
Group(s)

D, E, G

☐ Comp
☒ Grab
 Collection (comp begin or grab)
 Date 6/27/17 Time 12:23
 Matrix (Salt, Fresh) Fresh
 Temp 27.86
 pH 6.34
 Salinity 0.07
 Comments
 Latitude (Decimal Degrees) 30.5193
 Longitude (Decimal Degrees) -84.3357

☒ Eastern
☐ Central

 Collection (comp begin or grab)
 Date
 Time
Bottle
Group(s)

D, E, G

☐ Comp
☒ Grab
 Collection (comp begin or grab)
 Date 6/27/17 Time 13:00
 Matrix (Salt, Fresh) Fresh
 Temp 27.99
 pH 6.89
 Salinity 0.07
 Comments
 Latitude (Decimal Degrees) 30.4804
 Longitude (Decimal Degrees) -84.2982

☒ Eastern
☐ Central

 Collection (comp begin or grab)
 Date
 Time
Bottle
Group(s)

C, D

E, G

Relinquished By:

Date/Time

Number of Coolers

Received By:

Date/Time

6/27/17 14:25

5

Robert Livi

6/22/17 14:30

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Central Lab Sample Submittal Form

Request Number: 2017-05-15-16
 East Quincy, Tallahassee
 Customer: WQ-ASSESS
 Project ID: SMP

Requester: Curtis Musson
 Collected By: Curtis Musson, Robert Wivi

Field Report Prepared By: Robert Wivi
 Sampling Agency: FDEP

Page 4 of 4

Central Drainage
 Ditch downstream
 of Orange Ave.



STORET ID
 61WA00026



Field ID
 61WA00026_06272017

Central Drainage
 Ditch downstream
 of Orange Ave.
 June 27, 2017

☐ Comp	Collection (comp begin or grab)	Eastern	Collection (comp begin or grab)	Bottle
☒ Grab	Date 6/27/17 Time 13:45	Central	Date	Group(s)

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Sample Depts (m)	Sp. Conductance (umho/cm)
Fresh	10.08	0.15	212

Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)
29.67	7.95	0.15	212

Salinity (ppt)	Comments	Sample Depts (m)	Sp. Conductance (umho/cm)
0.10		0.15	212

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
30.4045	-84.5073

☐ Comp	Collection (comp begin or grab)	Eastern	Collection (comp begin or grab)	Bottle
☐ Grab	Date	Central	Date	Group(s)

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Sample Depts (m)	Sp. Conductance (umho/cm)

Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)

Salinity (ppt)	Comments	Sample Depts (m)	Sp. Conductance (umho/cm)

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)

☐ Comp	Collection (comp begin or grab)	Eastern	Collection (comp begin or grab)	Bottle
☐ Grab	Date	Central	Date	Group(s)

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Sample Depts (m)	Sp. Conductance (umho/cm)

Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)

Salinity (ppt)	Comments	Sample Depts (m)	Sp. Conductance (umho/cm)

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)

☐ Comp	Collection (comp begin or grab)	Eastern	Collection (comp begin or grab)	Bottle
☐ Grab	Date	Central	Date	Group(s)

Matrix (Salt, Fresh)	Diss. Oxygen (mg/L)	Sample Depts (m)	Sp. Conductance (umho/cm)

Temp (C)	pH	Sample Depts (m)	Sp. Conductance (umho/cm)

Salinity (ppt)	Comments	Sample Depts (m)	Sp. Conductance (umho/cm)

Latitude (Decimal Degrees)	Longitude (Decimal Degrees)

Relinquished By: [Signature]	Date/Time 6/27/17 14:35	Number of Coolers 5	Received By: [Signature]	Date/Time 6/22/17 14:35
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Cooler Packing Worksheet for Request: RQ-2017-05-15-16

East Quincy, Tallahassee

Ship Cooler On: 5/11/2017

Customer/Project: WQ-ASSESS/SMP

Assigned To: GREENWOO_J

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:

Group A: Freshwater Nutrient Kit With Metals
Group B: Pesticides
Group C: Freshwater Nutrient Kit
Group D: E. coli
Group E: Organics - Wastewater Tracers
Group F: PCR-HF183
Group G: PCR-FILTER

Packing Notes:

1 - case of sulfuric acid ✓

No FedEx labels needed, samples will be dropped off

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00067591

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: 2 Preservation: ICE

Lot # 1199138

Description: Brown Plastic Bottle 1L

Analysis

Description

Container ID: P-500ML

Qty: 2 Preservation: HNO3

Lot # 00067590

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: 2 Preservation: ICE And H2SO4

Lot # 00067590

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: 2 Preservation: ICE-FLTR

Lot # 00067688

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: 2

Container ID: BG-1L

Qty: 4 Preservation: ICE

Lot # 00067571

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-GLYPH

W-PYR-AA-R

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

Pyraclostrobin 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: 6

Preservation: ICE

Lot # 00065730/1

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

00067107/5

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: 6

Preservation: ICE

Lot # 00062571

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

Bottle Group: C

of Sites: 7

Container ID: P-1L

Qty: 7

Preservation: ICE

Lot # 00067591

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: 7

Preservation: ICE

Lot # 1199138

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 7

Preservation: ICE And H2SO4

Lot # 00067590

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

Description

W-NH3	Ammonia in aqueous matrices as mg N/L
W-NO2NO3	Nitrite/Nitrate in aqueous matrices as mg N/L
W-S-A-TP	Total Phosphorus in aqueous matrices as mg P/L
W-TKN	Total Kjeldahl Nitrogen in aqueous matrices
W-TOC	Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 7 Preservation: ICE-FLTR

Lot # 00067688

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

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

Bottle Group: D

of Sites: 9

Container ID: P-250ML-WO-THI

Qty: 9 Preservation: ICE

Lot # 47013

Description:

Analysis

ECOLI-18QT

Description

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

Bottle Group: E

of Sites: 7

Container ID: BG-1L

Qty: 7 Preservation: ICE

Lot # 00067263

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-SUC-AA-R

W-UHERB-AA

Description

Chlorinated (phenoxy acid) herbicides 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

Bottle Group: F

of Sites: 2

Container ID: QPCR-P-250ML

Qty: 4 Preservation: ICE

Lot # 00067460

Description:

Analysis

PCR-HF183

Description

Detection and quantification of human-specific HF183 Bacteroides genetic marker with quantitative polymerase chain reaction

Bottle Group: G

of Sites: 6

Container ID: QPCR-P-250ML

Qty: 12 Preservation: ICE

Lot # 0067460

Description:

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Cooler Packed By: J.O. Date: 5/9/17

DEP Cooler ID #(s): 7

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 Sulfuric Acid Exp. 4/3/18 Lot # SA 7093010
ID _____ Lot # _____
ID _____ Lot # _____
ID _____ Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2017-05-15-16