



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

Salem Branch Downstream of SR 159

WIN Station Name:

Date: 2/14/2018

WIN ID/ Field ID G1WA0053

WBID: 480

Latitude: 30.63082

(mm/dd/yyyy)

County: Gadsden

ORG ID: 21FLWQA

Longitude: -84.43155

(Decimal Degrees)

Receiving Body of Water: Little River

RQ - 2018-01-22-53

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
Ben Ralys								
Blake Spencer								
Curtis Mussen				X				

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☐ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: <u>Meter stick</u>		
Equipment ID		

Collection Method		
☒ Wading	☐ Canoe/Kayak	
☐ From Shore	☐ Electric Motor	
☐ Other	☐ Gasoline Motor	

Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded	Meter ID# Biology #2	Matrix: <u>Fresh</u> Marine / DI
Photos: Yes / <u>No</u>	Flow: No Flow / Intestinal / Flowing/ NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>
		Tide Times: High NA Low NA

Field Sample

(Bracket Sample Time)

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1021	.4	0.2	100	9.46	97.2	7.57	0.05	115	16.57
CEN										

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

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

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H2SO4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☐ W-PO4-F ☐ Field Filtered 0.45 µm Filter	☐ Ice	10827054		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity W-F / W-TSS / TURBIDITY / W-CI-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 ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ 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-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

QA/QC Sample Information Duplicate

Time Zone: EST CEN		Time: _____		Field ID: _____	
(WIN ID + DUP)					
Parameter Suite	Parameter Methods	Preservation	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			
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	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ 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-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: <u>CEN</u>		Time: <u>1150</u>		Field ID: <u>Blank_02142018</u>	
DI Source: <u>FDEP Tallahassee Lab</u>		Location: <u>GIWA0034</u>		(BLANK_DMMYYYY)	
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	<u>7275010</u>	<u>6/2/18</u>	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	<u>7261120</u>	<u>9/18/18</u>	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>10827054</u>		
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	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ 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-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Notes:

Bacteria

Salem Branch
downstream of
SR 159

WIN ID / Field ID

GIWA0053

Signature: Bu A Date: 2/14/18

Enter Field Parameters, Verify Station ID In LIMS DMT: JS 4.12.18 QC Station ID, Field Parameters In LIMS DMT: cm 4.13.18

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

(Initials/Date) (Initials/Date) (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 ID: Biology #2

RQ- 2018-01-22-53

Project: Smp

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(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 _____

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.	Blake Spencer	2/14/18	7:04	21.23	8.88	8.88	100.0	32.9	—	P/F	L/F
ICV	Blake Spencer	2/14/18	8:08	21.09	8.898	8.87	99.9	32.9	—	P/F	L/F
CCV	Blake Spencer	2/14/18	15:24	21.70	8.794	9.07	103.1	33.9	—	P/F	L/F
CCV										P/F	L/F

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.	Blake Spencer	2/14/18	07:12	171005D	10/20/18	1000	1000	P/F	L/F
ICV	Blake Spencer	2/14/18	07:14	171005D	10/20/18	1000	999	P/F	L/F
CCV	Blake Spencer	2/14/18	15:27	171005E	10/20/18	100	101	P/F	L/F
CCV								P/F	L/F

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.	Blake Spencer	2/14/18	07:17	170614B	12/20/18	7.0	7.00	9.1	P/F	L/F
Calibr.	Blake Spencer	2/14/18	07:20	170171005A	10/20/18	4.0	4.00	181.1	P/F	L/F
Calibr.	Blake Spencer	2/14/18	07:23	171005C	04/20/19	10.0	10.00	-161.3	P/F	L/F
ICV	Blake Spencer	2/14/18	07:26	171005C	04/20/19	10.00	10.00	-161.5	P/F	L/F
CCV	Blake Spencer	2/14/18	15:30	171005A	10/20/18	4.00	3.99	182.1	P/F	L/F
CCV									P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50 ;

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

mV pH 10 Range -180 ± 50 ;

If mV are recorded: slope from 7 to 10 _____, slope from 4 to 7 _____ (both must be between 165 and 180 mV)

Is meter equipped with depth sensor? Yes / No If yes, list date of last quarterly depth verification _____

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value meters	Pass / Fail	Lab / Field
Pressure mode in air						P/F	L/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria $\pm 5\%$ or ± 0.05 m, whichever is greater.

COMMENTS:

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Ben Reys, Blake SpencerSampling Agency: FDEP

Location		WIN ID / FILED ID		Collection (comp begin or grab)		Time		Composite end		Bottle Group(s)			
Field ID	WIN/STORET #	dd	dms	dd	dms	Comp	Grab	Date	Time	mg/L	% sat	Total Res. Chlorine (mg/L)	Sp. Conductance (umho/cm)
Swamp Creek upstream of Railroad		30.663	-84.448	☒	☐	☒	☐	2/14/18	10:49	81.3	☒	0.3	61
Harbinwood Estates Drain		30.5193	-84.3357	☒	☐	☒	☐	2/14/18	12:10	97.8	☒	0.15	102
Megginnis Arm Run		30.4804	-84.2982	☒	☐	☒	☐	2/14/18	12:49	110.5	☒	0.2	102
Field Blank		Blank_02142018	-84.3357	☒	☐	☒	☐	2/14/18	12:50	DI	☒	0.2	102

Relinquished By:		Shipping Method		Number of Coolers Shipped:		Received By:		Date/Time	
Blake Spencer		Hand Delivered		5				2/14/18 14:05	

Florida Department of Environmental Protection
Central Laboratory Submittal FormCentral, Godby, Harbinwood, Chicken, Megginness,
Swamp, Salem, Wards

Customer: WAS-SECT

Requester: Curtis Musson

Field Report Prepared By: Blake Spencer

Project ID: SMP

Collected By: Ben Relys, Blake SpencerSampling Agency: ENEP

Location	Field ID	WIN ID	QC DUP	Field ID	QC DUP	Field ID	QC DUP	Field ID	WIN ID/Field ID	QC DUP	Field ID	QC DUP
Harbinwood Estates Drain		G1WA0034										
Harbinwood Estates Drain												
Wards Creek upstream of bridge at CR 259												
30.605												
Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID	Field ID
Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude	Latitude
Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude	Longitude
Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)	Temp (C)
Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)	Salinity (ppt)
Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)	Matrix (type, e.g., Salt, Fresh, etc)
Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)	Diss. Oxygen (mg/L)
% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat	% sat
Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)	Sp. Conductance (umho/cm)
Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)	Sample Depth (ft)
Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date	Composite end Date
Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)	Bottle Group(s)

Relinquished By: <u>Blake Spencer</u>	Date/Time: <u>2/14/19</u>	Shipping Method: <u>Hand Delivered</u>	Number of Coolers Shipped: <u>5</u>	Received By: <u>[Signature]</u>	Date/Time: <u>2/14/18</u>	Initials: <u>lms</u>
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Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: WAS-SECT

Requester: Curtis Musson

Project ID: SMP

Collected By: Ben Ralys, Blake Spencer

Field Report Prepared By: Blake Spencer

Sampling Agency: FAEP

Location		WIN ID / Field ID		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STORET #	Field ID	WIN/STORET #	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen	Sample Depth	Total Res. Chlorine	(See pg 2)	
Latitude	Longitude	Latitude	Longitude	Temp (C)	pH	Salinity (ppt)	Sp. Conductance (umho/cm)		
30.3261	-84.1481	30.3261	-84.1481	16.3	7.3	0.3	322	A, C, D F	
Central Drainage Ditch downstream of Orange Ave.									
30.4095	-84.3073	30.4095	-84.3073	17.13	8.27	0.1	155	A, B, C G	
Godby Drainage Ditch at Progress Dr.									
30.444661	-84.344711	30.444661	-84.344711	16.82	8.35	0.2	117	A, C	
Salem Branch downstream of SR 159									
30.63082	-84.43155	30.63082	-84.43155	16.57	7.57	0.2	115	C	

Relinquished By: Blake Spencer	Date/Time: 2/14/18	Shipping Method: Hand Delivered	Number of Coolers Shipped: 5	Received By: [Signature]	Date/Time: 2/14/18
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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:	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:	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:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: C	Bottle Type:	P-250ML-WO-THI	# of Bottles: 10	Preservative:	ICE	Enter Number of Bottles Sent to Lab	10
	ECOLI-18QT						
Group: D	Bottle Type:	BG-1L	# of Bottles: 7	Preservative:	ICE	Enter Number of Bottles Sent to Lab	5
	W-AHERB-AA						
	W-SUC-AA-R						
	W-UHERB-AA						
Group: E	Bottle Type:	QPCR-P-250ML	# of Bottles: 6	Preservative:	ICE	Enter Number of Bottles Sent to Lab	6
	PCR-FILTER						
Group: F	Bottle Type:	QPCR-P-250ML	# of Bottles: 8	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	PCR-FILTER						
	PCR-HF183						

Group: G	Bottle Type: W-AHERB-AA W-GLYPH W-PYR-AA-R W-SUC-AA-R W-UHERB-AA	BG-1L	# of Bottles: 2	Preservative: ICE	Enter Number of Bottles Sent to Lab	2
Group: G	Bottle Type: W-CARB-AA	BG-1L	# of Bottles: 1	Preservative: CH2CICOOH Pre-Preserved	Enter Number of Bottles Sent to Lab	1
Group: G	Bottle Type: W-CT-CI-R W-PCL-SQ-R	BG-500ML	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4
Group: G	Bottle Type: W-PSNP-TQ	BG-1L	# of Bottles: 4	Preservative: ICE	Enter Number of Bottles Sent to Lab	4

Cooler Packing Worksheet for Request: RQ-2018-01-22-53
Central, Godby, Harbinwood, Chicken, Megginness, Swamp, Salem, Wards

Ship Cooler On: 1/18/2018
Customer/Project: WAS-SECT/SMP

Assigned To: SHAIK_A
Requester: Curtis Musson
Priority: 3

850-245-8453
2600 Blair Stone Rd

Tallahassee, FL 32399

Attn: Curtis Musson

Comments:

No preservatives needed.

Group A: Freshwater Kit,
Group B: Metals
Group C: E. coli
Group D: Tracers (Aherb Short list)
Group E: Markers (PCR-FILTER)
Group F: Markers (PCR-FILTER & PCR HF183)
Group G: Pesticides (AHERB Long List)

Packing Notes
No FedEx labels
No Trash Bags
1 copy of the CoC

Requested Analyses:

Bottle Group: A

of Sites: 9

Container ID: P-1L

Qty: 9 Preservation: ICE

Lot # 00070144

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: 9 Preservation: ICE

Lot # 1214297

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

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

Container ID: P-500ML

Qty: 9 Preservation: ICE And H2SO4

Lot # 55069738

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: 9 Preservation: FILTER-ICE

Lot # 55069732

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: 4

Container ID: P-500ML

Qty: 4 Preservation: HNO3

Lot # 55068654

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

Bottle Group: C

of Sites: 10

Container ID: P-250ML-WO-THI

Qty: 10 Preservation: ICE

Lot # L15260

Description:

Analysis

Description

Bottle Group: D**# of Sites: 7**

Container ID: BG-1L

Qty: 7

Preservation: ICE

Lot # 00069054

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: E**# of Sites: 3**

Container ID: QPCR-P-250ML

Qty: 6

Preservation: ICE

Lot # 00069140

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Bottle Group: F**# of Sites: 4**

Container ID: QPCR-P-250ML

Qty: 8

Preservation: ICE

Lot # 00069140

Description: 250ml Sterile Nalgene (2)

Analysis

PCR-FILTER

PCR-HF183

Description

Preparation of Samples by Filtration and held for qPCR Analysis

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

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

Container ID: BG-1L

Qty: 2

Preservation: ICE

Lot # 00069348

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-AHERB-AA

W-GLYPH

W-PYR-AA-R

W-SUC-AA-R

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

Container ID: BG-1L

Qty: 1

Preservation: CH₂ClCOOH Pre-PreservedLot # 88069348

Description: Brown Glass Bottle 1L

Affix BLUE dot to container.

Analysis

W-CARB-AA

Description

Carbamates in water matrices by HPLC/MS/MS

Container ID: BG-500ML

Qty: 4

Preservation: ICE

Lot # 66845

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: 4

Preservation: ICE

Lot # 88069348

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

Cooler Packed By: ABFNumber of Coolers: 4Date: 1-22-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags
- ☒ Zip Ties

If Preservation Included:

ID	<u>MCAABUFFS</u>	Exp	<u>2-1-19</u>	Lot #	<u>88579</u>
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	
ID		Exp		Lot #	

PLEASE RETURN ALL COOLERS FOR RQ-2018-01-22-53