Klug, Kyle

From: Musson, Curtis
Sent: Thursday, December 17, 2020 4:46 PM
To: Wolfe, Kirby; Klug, Kyle; Barrington, John
Cc: Ayres, Joshua; Watts, John
Subject: RE: RQ-2020-12-14-42

I am going to say the opposite of what I normally say. There is logic behind this flip flop. Kyle go ahead and login everything.

South ROC,
Typically I ask receiving not to login nutrients out of hold time because it will no be used for assessment. In this case because the sample are paired with SCIs I think it better to have something (qualified results) over nothing.

Thanks,
Curtis

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Thursday, December 17, 2020 4:21 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>; Musson, Curtis <Curtis.Musson@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: RQ-2020-12-14-42

Curtis,
Do you have a feeling about if we should qualify the data or dump it?

Kirby Wolfe
Team Lead
SROC - Environmental Assessment & Restoration
FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

From: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>
Sent: Thursday, December 17, 2020 3:17 PM
To: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: RQ-2020-12-14-42
Importance: High

No worries. If the short holds have expired by the time we receive them tomorrow, would you like us to toss them or qualify the data?

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Thursday, December 17, 2020 2:41 PM
To: Klug, Kyle <Kyle.Klug@FloridaDEP.gov>; Barrington, John <John.Barrington@FloridaDEP.gov>
Cc: Ayres, Joshua <Joshua.Ayres@dep.state.fl.us>; Watts, John <John.Watts@FloridaDEP.gov>
Subject: RE: RQ-2020-12-14-42

Hi Kyle,
The water quality samples were collected at 905. We completed the HA and other assessments and then collected the biology samples. We put the actual time that we finished the biology portion of the sample which was 1050, since it took us an hour plus to finish collecting the sample. I didn't know that the biology needed to have the same time as the water quality. That was my mistake. You will also be receiving a sample tommorow where we put a different time on the biology. The time on the field sheet should be the correct time for the water samples (RQ-2020-12-14-41).

Sorry about that.

Kirby Wolfe
Team Lead
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FL Department of Environmental Protection
South District Office
2295 Victoria AVE, Suite 364
Fort Myers, FL 33901
kirby.wolfe@floridadep.gov
Office: (239) 344-5719

-------- Original message --------
From: "Klug, Kyle" <Kyle.Klug@FloridaDEP.gov>
Date: 12/17/20 2:02 PM (GMT-05:00)
To: "Wolfe, Kirby" <Kirby.Wolfe@FloridaDEP.gov>, "Barrington, John" <John.Barrington@FloridaDEP.gov>
Cc: "Ayres, Joshua" <Joshua.Ayres@dep.state.fl.us>, "Watts, John" <John.Watts@FloridaDEP.gov>
Subject: RE: RQ-2020-12-14-42

Good morning,

Two of the coolers for this RQ did not arrive, I only received the Biological samples and the blank sample. The other two coolers should be arriving tomorrow. I also had a question about collection times. The paperwork says the Bio samples were collected at 9:05 but the bottles say 10:50. Can you please confirm the correct collection time?

Thank you,
Kyle

From: Wolfe, Kirby <Kirby.Wolfe@FloridaDEP.gov>
Sent: Wednesday, December 16, 2020 4:07 PM
To: Lab.Receiving <Lab.Receiving@floridadep.gov>
Subject: RQ=2020-12-14-42

Here is our paper work for RQ-2020=12-14-42

Login Checklist

RQ- 2020-12-14-42 Login Station ID: #5

Shipping Method: (FedEx) | UPS | HD | Greyhound Date/Time of Receipt: 12/ 17 /20 @ 12:45

*Cooler Temperature	Samples Frozen?	* All Samples in Cooler Preserved with		Number of Sample Containers in Cooler	Evidence Tape				Waybill Tracking #
					Present?		*Intact?		
	YES	HNO_3	Formalin		Yes	No	Yes	No	
0.2				3		✓			9293 8808 5774

COOLER CHECK

***All samples received on ice unless otherwise noted. HNO3 and Formalin preserved samples do NOT have a temperature requirement.**

- If the temperature of a cooler exceeds 6.0 oC (above 10.0 oC for W-1-4-DIOX and microbiology) or received without ice, identify affected samples in an NCR. **NCR#** _____
- DOH coolers can exceed 2.0 °C above the standard temperature (6.0 or 10.0 °C for W-1-4-DIOX) without login confirmation from customer for samples requiring ice preservation; identify affected samples in an NCR. **NCR#** _____
- If cooler or samples are received with a damaged Evidence Seal; identify the affected samples in an NCR. **NCR#** _____
- If coolers or samples are received late; identify the affected samples in an NCR. **NCR#** _____

Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included? Yes ✓ No _____

CONTAINER CHECK

Evidence Tape on Bottles? Yes ____ No ____ NA ✓ Evidence Tape intact? Yes ____ No ____

If Criminal, photographs taken? Yes ____ No ____ Containers intact? Yes ✓ No ____

Caps on tight? Yes ✓ No ____

Sufficient Sample Volume: Yes ✓ No ____

If NO is checked above, generate an NCR listing affected sample IDs in its appropriate category. NCR# _____

CHLORINE CHECK REQUIRED? *(Blue dot on container)* Yes ✓ No _____ Init: KK

Chlorine detected? *(One container checked per Field ID)* Yes _____ No ✓ Init: _____

If chlorine is detected, generate an NCR listing affected sample IDs . NCR# _____

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

**Acid Preserved Samples: pH< 2.0? Yes____No____ NA ✓ Init: KK

**W-1-4-DIOX *(Green dot on container)* preserved to pH<4.0? Yes____No____ NA ✓ Init: KK

If samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

Coolers Unpacked/Checked by: KK **Date:** 12/ 17 /20 **Event contains NCRs (Y/N)?** N

Event ID: Pollywog and Myrtle SCI
SO-DIST-2020-12-17-03 (SMP)
Date Received: 17-DEC-2020 12:45

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	Temp Gun #5 EXP:10/28/2021
pH Test Strips 0 – 6	5/15/21 LOT#213316BV
pH Paper 0 – 3	
pH Paper 0 – 13	231019 EXP:11/01/2022
Chlorine Test Strips	8261 EXP:07/2021

Additional Comments:

ENCORE SAMPLES

S-VOC-MS samples in Encores must be frozen within 48 hours of collection.

Were Encore samples received? Yes_____ Init:_____

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_____

If S-VOC-MS samples were not preserved correctly, generate an NCR listing affected sample IDs . NCR# _____

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: _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 12/16/2020
Customer: SO-DIST
RQ: RQ-2020-12-14-42

Collected By: Kirby Wolfe, John Barrington
Sampling Agency: FDEP
Project ID: SMP

PLEASE RETURN THE ORIGINAL OF THIS FORM WITH SAMPLE SUBMITTAL FORMS AND THE COOLER PACKING WORKSHEET TO THE LAB

Number of Coolers Shipped: 3

FIELD ID (Labels) submitted under this RQ for this collection date.

Site Location	Field ID/WIN ID
Myrtle Slough @ Pine Island St	G3SD0095
FB	FB_121620

RELINQUISHED BY(SIGNATURE): Kirby Wolfe **DATE/TIME:** 12/16/20 15:30

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: KK **Rec'd/Inspected Date:** 12.17.20/1245

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2020

Meter Passed End of Day CCV
Yes / No

WIN Station Name: Myrtle Slough @ Pine Island St **Date:** 12/16/2020

WIN/Field ID: G3SD0095 **WBID:** 1995 **ENR:** **Latitude:** 27.0842

County: DESOTO **Org ID:** 21FLFTM **Longitude:** -81.7623

Receiving Body of Water: Sarasota Bay - Peace - Myakka **RQ-** 2020-12-14-42

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
[x] Kirby Wolfe	x		x		
[x] John Barrington		x		x	x
[ ]					
[ ]					

Sampling Equipment

- [x] Sample Container
- [ ] Dipper
- [x] Syringe
- [ ] Carboy
- [ ] Van Dorn
- [ ] Pole

Depth measured with: Secchi

Secchi Equipment ID: DEEPER BLUER

Collection Method

- [ ] Wading
- [x] From Shore
- [ ] Other
- [ ] Canoe/Kayak
- [ ] Electric Motor
- [ ] Gasoline Motor

Water Level: [X] Normal [ ] Low [ ] High [ ] Dry [ ] Pooled [ ] Flooded

Meter ID# TALLY 1

Photos: NO **Flow:** FLOW **Tide:**

Tide Times: High: Low

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

SBIO ID Numbers:

Notes:

SONDE USED WAS NAMED FRIDAY.

Duplicate Sample

Time Zone: EST **Time:** N/A **Field ID:** N/A (WIN ID_DUP)

WIN DMT Activity ID:

Blank

Time Zone: EST **Time:** 1608138000000

Field ID: FB_121620 (Blank Type_DDMMYYYY)

Location: Ft myer di system

DI Source: Short round

DI Type: FB

Equipment ID:

DI Container (Name/ID):

DI Container Type:

LIMS EVENT ID: **WIN Import ID:**

Enter Field Parameters, Verify Station ID In LIMS DMT: (Initials/Date) **QC Station ID, Field Parameters In LIMS DMT:** (Initials/Date)

Scan/Save Field Sheets (Initials/Date) **Migrate Data to WIN:** (Initials/Date) **Verify Data In WIN:** (Initials/Date)

RQ-2020-12-14-42
Customer: WQAP
Project ID: SMP

Collected By: Kirby Wolfe, John Barrington
Field Report Prepared By: Kirby Wolfe
Sampling Agency: FDEP

Place Label Here

WIN ID/Field ID: G3SD0095

Location: Myrtle Slough @ Pine Island St

Comments: Microbiology sample(s) submitted to contract laboratory

Matrix: Fresh

(Check one) ☒ GRAB ☐ COMPOSITE

Date	Time	DO (mg/L)	DO (%SAT)	Temp. (C°)	pH	Sample Depth (m)	Secchi Disk (m)	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTh)
12/16/2020	905 EST	7.03	76.1	19.1	6.7	0.3	0.5 ☒ VOB (S)	0.5	264.2	0.13
	Central Lab please use top row for login purposes									
	EST									

Parameter Suite	Parameter Methods			Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP			☒ Ice ☒ $H2SO_4$*	☒ <2	1	A
	Lot #	Sa0038110	Exp:	02/07/2021			
Metals (P-500ML)	☒ W-ICPMS ☒ W-ICP ☒ W-HARD			☒ Ice ☒ HNO_3*	☒ <2	1	A
	Lot #	Na0038050	Exp:	02/07/2021			
Filtered Nutrients (P125ML)	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter			☒ Ice		1	A
	Filter Lot #	17024971					
	Syringe Lot #	0118593					
Chlorophyll (BP-1L)	☒ CHLSUITE-W			☒ Ice		1	A
Physical/Aggregate (Fresh) (P-1L)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS			☒ Ice		1	A
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY			☐ Ice			
Macroinvertebrates (PJ-2L)	☒ MI-FW-QLDC			☒ Formalin		2	
Periphyton (PT-50ML)	☐ ALGAE-ID			☐ Ice			
Microbiology (Contract Lab Bottle)	☒ E Coli ☐ F Coli ☐ Enterococci ☒ Contract Lab			☒ Ice		1	A
Molecular (QPCR-P-500ML)	☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-DG3 ☐ PCR-GULL2 ☐ PCR-GFD ☐			☐ Ice			
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS			☒ Ice		1	A
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☒ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)			☒ Ice		3	A
				☐ Ice			

Name:	Signature:	Date:
	Kirby Wolfe	12/16/20

*2.0 ml of Preservative used unless noted otherwise.
**MCAA: Monochloroacetic acid buffer solution

RQ- 2020-12-14-42
Customer: WQAP
Project ID: SMP

Collected By: Kirby Wolfe, John Barrington
Field Report Prepared By: Kirby Wolfe, John Barrington
Sampling Agency: FDEP

BLANK

Field ID: FB 121620

Comments:

Matrix: FB

(Check one) ☐ COMPOSITE ☒ GRAB

Date	Time
12/16/2020	9:15 EST

DI Source: Short round

Parameter Suite	Parameter Methods	Preservation	pH Check	# Bottles sent to Lab	Bottle Group
Preserved Nutrients (P-500ML)	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H2SO4	☐ <2		
	Lot #	**Exp:**			
Metals (P-500ML)	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ H2SO4	☐ <2		
	Lot #	**Exp:**			
Filtered Nutrients (P125ML)	☐ W-PO4-F Filter ☐ Field Filtered 0.45 µm	☐ Ice			
	Filter Lot #				
	Syringe Lot #				
Physical/Aggregate (Fresh) (P-1L)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-IC / TDS	☐ Ice			
Physical/Aggregate (Marine) (P-1L)	☐ Alkalinity / W-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Tracers (BG-500ML)	☒ W-E8321-DI ☒ W-E8321-MS	☒ Ice		1	C
Pesticides (BG-500ML) (BG-1L)	☐ W-E8321-DI ☐ WE8321-MS ☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-CARB-AA (5 ml of MCAA** Buffer Solution)	☐ Ice			

Name:
Kirby Wolfe
John Barrington

Signature: Kirby Wolfe

Date: 12/16/20

*2.0 ml of Preservative used unless noted otherwise.

**MCAA: Monochloroacetic acid buffer solution

Sanders Laboratories
Environmental Testing Services

CHAIN OF CUSTODY RECORD

Project # (Lab Use Only)

Client: Florida Dept. of Environmental Protection
Address: 2600 Blairstone Rd. Tallahassee, FL 32399
Phone: 239-344-5719
Fax:

Report To: DEP-OverflowMicro@dep.state.fl.us
Bill to: Carina Tull
P.O. # LAB #B76803
Preservative: HCL = H, HNO_3= N, $Na_2S_2O_3$ = ST
H_2SO_4 = S, NaOH = SH, NH_4Cl = NH

Project Name: SMP
Project Location: DESOTO
Customer Type: FDEP - South ROC
Kit #:
Requested Due Date:

Sampled By (PRINT) JOHN BARRINGTON
Sampler Signature

Matrix	Sample Description	Sample Date	Sample Time	Sample Type	Preservatives: Ice	Preservatives: S	Analysis Requested: E. coli	Analysis Requested: Enterococci	Analysis Requested: Fecal Coliforms	Sample ID # (Lab Use Only)
F	G3SD0095 HYATT SLOUGH	12/16/20	0905	GRAB	X		X			

Bottle Lot #			Relinquished By/Affiliation	Date	Time	Accepted By/Affiliation	Date	Time
	Samples are ambient water	Okay to Run As Is	JOHN BARRINGTON / DEP	12/16/20				
		Client Initial:						
	RQ-2020-12-14-42							
		Samples On Ice Yes No						

1050 Endeavor Ct, Nokomis, FL 34275-3623 (941) 488-8103 fax(941) 484-6774 10090 Bavaria Rd., Fort Myers, FL 33913 (239) 590-0337 fax (239) 590-0536

Form #: RCF -02 Approved by: KS 7/11/2016

RQ-2020-12-14-42

Date of Request: 30-NOV-2020
Created By: HORMUTH_C On: 30-NOV-2020
Modified By: JASROTIA_P On: 30-NOV-2020
Customer: SO-DIST
Project: SMP
Division: Division of Environmental Assessment and Restoration
District: South District
Event Description: Pollywog and Myrtle SCI

Send Coolers To:

Phone: 239-332-6975 SC 748-6975
FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Chris Hormuth
Cooler Ship EMail: Chris.Hormuth@FloridaDEP.gov

Priority: 3
Event Status: S
Criminal Investigation: NO
Chemistry Request Reviewed By: WATTS_J On: 30-NOV-2020
Biology Request Reviewed By: JASROTIA_P On: 30-NOV-2020
Sampling Kit Required: YES Ship on: 04-DEC-2020
Sampling Kit Shipped: YES On: 03-DEC-2020
Sampling Kit Packed By: MCCOY_I
Preservatives Needed: NO
Date to Receive Samples: 14-DEC-2020
Logged In By:

Send Final Report To:

FLDEP South District Office
2295 Victoria Ave. Suite 364
Fort Myers, FL 33901-3381
Attn: Chris Hormuth
Report Notification EMail:
Nicole.Reistad@FloridaDEP.gov;Kirby.Wolfe@FloridaDEP.gov;Gary.Snorek@dep.state.fl.us;Miranda.Carroll@FloridaDEP.gov;Chris.Hormuth@FloridaDEP.gov

Comments: Group A: Nutrients, Metals, Tracers, Q-PSNP-TQ, E.Coli
Group B: SCI, Algal_ID
Group C: Tracers BLANK

Bottle Group A (Water) With 2 Samples:

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

ALKALINITY	Template: DEFAULT	(SM 2320 B-2011) 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-2011) True Color measured at 450 nm (not valid for NPDES monitoring)
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-2011) 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-2011) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

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

CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Bottle Type: P-250ML-WI-THI Number of Bottles: 2 Preserved With: ICE

SD-SND-ECQ	Template: DEFAULT	(Colilert-18) E. coli by Colilert-18/QT by Sanders in Fort Myers

Bottle Type: BG-500ML Number of Bottles: 2 Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Type: P-500ML Number of Bottles: 2 Preserved With: HNO3

W-HARD	Template: DEFAULT	(SM 2340B) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
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
Barium		
Calcium		
Iron		

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML — Number of Bottles: 2 — 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

Magnesium
Potassium
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

*Boron
Aluminum
Antimony
Arsenic
Beryllium
Cadmium
Chromium
Copper
Lead
Nickel
Selenium
Silver
Thallium

Bottle Type: P-500ML — Number of Bottles: 2 — 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-2011) Nonpurgeable Organic Carbon in aqueous matrices

Bottle Type: P-125ML — Number of Bottles: 2 — 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 Type: BG-1L — Number of Bottles: 6 — Preserved With: ICE

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

Bottle Group B (Biological) With 2 Samples:

Bottle Type: PJ-2L — Number of Bottles: 4 — Preserved With: Formalin

MI-FW-QLDC	Template: DEFAULT	(SOP-IZ06) No. Taxa of FW macroinverts, qual samp, 20 dipnets.

Bottle Type: PT-50ML — Number of Bottles: 2 — Preserved With: ICE

ALGAL_ID	Template: DEFAULT	(SOP-AB05) Qualitative assessment of algal taxa present without counts

Bottle Group C (Water) With 1 Samples:

Bottle Type: BG-500ML — Number of Bottles: 1 — Preserved With: ICE

W-E8321-DI	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS
W-E8321-MS	Template: DEFAULT	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

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