

Login Checklist

RQ-2023 - 09 - 25 - 14

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/31/2023 / 09:00

*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	
0.9C				7		X			6484 8459 7538

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: ABS

Chlorine detected? (One container checked per Field ID)

Yes _____ No ☒ Init: ABS

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: ABS

**W-1-4-DIOX (Green dot on container) preserved to pH< 4.0?

Yes _____ No _____ NA ☒ Init: ABS

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

Coolers Unpacked/Checked by: ABS /

Date: 10/31/2023

Event contains NCRs (Y/N)? N

Event ID: SW - DIST - 2023 - 10 - 31 - 0

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG#2 EXP:10/16/24
pH Test Strips 0 – 6	LOT#223819BVEXP8/15/24
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT207621EXP:3/15/24
Chlorine Test Strips	2313 2025/07



ENCORE SAMPLES

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

Were Encore samples received? Yes _____ Init: ABS

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# _____

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 10/30/2023
Customer: SW-DIST
RQ: RQ-2023-09-25-14
Collected By: Ben Paswater, Devin Mathias
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: 1

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
EAST CANAL AT KNIGHTS GRIFFEN RD	 G2SW0159
ENGLISH CREEK AT S COUNTY LINE	 G2SW0169
HOWELL BRANCH IN BEALSVILLE PARK	 G2SW0115
SEFFNER CANAL S OF MLK	 G2SW0087
PEMBERTON CREEK AT GALLAGHER RD	 G2SW0085

RELINQUISHED BY (SIGNATURE):



DATE/TIME: 10/30/2023
1700 EST

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected

Date: 10/31/2023 / 09:00

WIN ID/Field ID:  WIN ID/Field ID: G2SW0159	Comments: Microbiology sample(s) submitted to contract laboratory.
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Matrix: Fresh

(Check One)

✓ Grab

☐ Composite

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)	X	W-ICPMS	X	W-ICP	X	W-HARD	X	Ice	X	HNO3*	X	<2	1	A		
	Lot #		NA3193130		Exp:		07/27/2024									
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 um Filter				Ice									
	Filter Lot #		Syringe Lot #													
BOD (BP-1L)	OV-BODUNIN						Ice									
Chlorophyll (BP-1L)	CHLSUITE-W						Ice									
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS						Ice									
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY						Ice									
Macroinvertebrates (PJ-2L)	MI-FW-QLDC		Formalin Lot #				Formalin									
Periphyton (PT-50ML)	ALGAE-ID						Ice									
Microbiology (Contract Lab Bottle)	X	E Coli		F Coli		Enterococci	X	Ice						1	A	
	X	Contract Lab														
Molecular (QPCR-P-500ML)	PCR- HF183		PCR-BacR		PCR-DG3		Ice									
	PCR-GULL2		PCR-GFD													
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS				Ice									
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		W-PSNP-TQ		Ice	MCAA Exp.	MCAA Lot#							
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R											
	W-TR-SQ-R		W-PC8-TQ-R													
Phytoplankton (BP-1L)	DTY-QN-C		PKD-QN-BV				Ice									
DOC (P-500ML)	W-DOC		Field Filtered 0.45 um Filter				Ice		H2SO 4*		<2					
			Acid Preservative Expiration Date													
			Acid Preservative Lot Number													



RQ-2023-09-25-14

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SW0169

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: ENGLISH CREEK AT S COUNTY LINE

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)			
10/30/2023 1025	7.14	82	22.2	7.52	0.1	0.2	0.2	402	0.19			
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				Ice		HNO3*	<2			
		Lot #		Exp:								
Filtered Nutrients (P125ML)		W-PO4-F				Field Filtered 0.45 um Filter						
		Filter Lot #		Syringe Lot #		Ice						
BOD (BP-1L)		OV-BODUNIN				Ice						
Chlorophyll (BP-1L)		CHLSUITE-W				Ice						
Physical/Aggregate (Fresh) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY / W-CHC / W-COLOR / W-SO4-IC / W- TDS				Ice						
Physical/Aggregate (Marine) (P-1L)		Alkalinity / W-F / W-TSS / TURBIDITY				Ice						
Macroinvertebrates (PJ-2L)		MI-FW-QLDC				Formalin Lot #						
Periphyton (PT-50ML)		ALGAE-ID				Ice						
Microbiology (Contract Lab Bottle)		X E Coli				F Coli		Enterococci	1	C		
		X Contract Lab				x						
Molecular (QPCR-P-500ML)		PCR-HF183				PCR-BacR		PCR-DG3				
		PCR-GULL2				PCR-GFD						
Tracers (BG-500ML)		X W-E8321-DI				X W-E8321-MS		x	1	C		
Pesticides (BG-500ML) (BG-1L)		W-E8321-DI				W-E8321-MS		W-PSNP-TQ				
		W-PCL-TQ-R				W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R				
		W-TR-SQ-R				W-PCB-TQ-R						
Phytoplankton (BP-1L)		DTY-QN-C				PKD-QN-BV						
DOC (P-500ML)		W-DOC				Field Filtered 0.45 um Filter		Ice	H2SO4*	<2		
						Acid Preservative Expiration Date						
						Acid Preservative Lot Number						



RQ-2023-09-25-14

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

 WIN ID/Field ID: 
 WIN ID/Field ID: G2SW0115

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: HOWELL BRANCH IN BEALSVILLE PARK

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPT)
10/30/2023 1050	7.31	82.7	21.3	7.68	0.1	0.2	0.2	473.5	0.23

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	W-HARD	Ice	HNO3*	<2				
	Lot #		Exp:								
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 um Filter		Ice						
	Filter Lot #	Syringe Lot #									
BOD (BP-1L)	OV-BODUNIN				Ice						
Chlorophyll (BP-1L)	CHLSUITE-W				Ice						
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS				Ice						
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY				Ice						
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #		Formalin							
Periphyton (PT-50ML)	ALGAE-ID				Ice						
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	x				Ice	1	B
	X	Contract Lab									
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3	Ice						
	PCR-GULL2		PCR-GFD								
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		Ice						
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI	W-E8321-MS		X	W-PSNP-TQ	x	Ice	MCAA Exp.	MCAA Lot#	4	B
	W-PCL-TQ-R	W-CAR8-AA (5 ml of MCAA Buffer Solution)			W-CT-CL-R						
	X	W-TR-SQ-R	W-PCB-TQ-R								
Phytoplankton (BP-1L)	DTY-QN-C		PKD-QN-BV		Ice						
DOC (P-500ML)	W-DOC	Field Filtered 0.45 um Filter			Ice	H2SO4*	<2				
		Acid Preservative Expiration Date									
		Acid Preservative Lot Number									



RQ-2023-09-25-14

Customer: FDEP

Project ID: SMP

Collected By: Ben Paswater, Devin Mathias

Field Report Prepared by: Ben Paswater, Devin Mathias

Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SW0087

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: SEFFNER CANAL S OF MLK

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
10/30/2023 1135	8.16	94.5	22.4	7.56	0.1	0.2	0.2	417.8	0.2

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)	x	W-ICPMS	x	W-ICP	x	W-HARD	x	HNO3*
	Lot #		NA3193130		Exp: 07/27/2024		X	<2
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 µm Filter		Ice			
	Filter Lot #		Syringe Lot #					
BOD (BP-1L)	OV-BODUNIN				Ice			
Chlorophyll (BP-1L)	CHLSUITE-W				Ice			
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W-TDS				Ice			
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY				Ice			
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #			Formalin			
Periphyton (PT-50ML)	ALGAE-ID				Ice			
Microbiology (Contract Lab Bottle)	x	E Coli		F Coli		Enterococci	x	Ice
	x	Contract Lab						
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR		PCR-DG3			Ice
	PCR-GULL2		PCR-GFD					
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		W-PSNP-TQ			Ice
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS		W-PSNP-TQ			Ice
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)		W-CT-CL-R			
	W-TR-SQ-R		W-PCB-TQ-R					
Phytoplankton (BP-1L)	DTY-QN-C		PKD-QN-BV					Ice
DOC (P-500ML)	W-DOC		Field Filtered 0.45 µm Filter		Ice	H2SO4*		<2
			Acid Preservative Expiration Date					
			Acid Preservative Lot Number					



RQ-2023-09-25-14	Collected By: Ben Paswater, Devin Mathias
Customer: FDEP	Field Report Prepared by: Ben Paswater, Devin Mathias
Project ID: SMP	Sampling Agency: FDEP

WIN ID/Field ID:



WIN ID/Field ID: G2SW0085

Comments: Microbiology sample(s) submitted to contract laboratory.

Location: PEMBERTON CREEKATGALLAGHER RD

Matrix: Fresh

(Check One)

☒ Grab☐ Composite

Date and Time {EST}	DO (mg/L)	DO (%SAT)	Temp. °C	pH	Sample Depth (m)	Secchi Depth	Total Depth (m)	Sp COND (µmhos /cm)	Salinity (PPTH)			
10/30/2023 1225	7.98	90.8	21.7	7.67	0.1	0.2	0.2	341.1	0.16			
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	W-HARD	Ice	HNO3*	<2					
	Lot #		Exp:									
Filtered Nutrients (P125ML)	W-PO4-F		Field Filtered 0.45 µm Filter		Ice							
	Filter Lot #	Syringe Lot #										
BOD (BP-1L)	OV-BODUNIN				Ice							
Chlorophyll (BP-1L)	CHLSUITE-W				Ice							
Physical/Aggregate (Fresh) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY / W-Cl-IC / W-COLOR / W-SO4-IC / W- TDS				Ice							
Physical/Aggregate (Marine) (P-1L)	Alkalinity / W-F / W-TSS / TURBIDITY				Ice							
Macroinvertebrates (PJ-2L)	MI-FW-QLDC	Formalin Lot #		Formalin								
Periphyton (PT-50ML)	ALGAE-ID				Ice							
Microbiology (Contract Lab Bottle)	X	E Coli	F Coli	Enterococci	x					Ice	1	D
	X	Contract Lab										
Molecular (QPCR-P-500ML)	PCR-HF183		PCR-BacR	PCR-DG3	Ice							
	PCR-GULL2		PCR-GFD									
Tracers (BG-500ML)	W-E8321-DI		W-E8321-MS		Ice							
Pesticides (BG-500ML) (BG-1L)	W-E8321-DI		W-E8321-MS	W-PSNP-TQ	Ice	MCAA Exp.	MCAA Lot#					
	W-PCL-TQ-R		W-CARB-AA (5 ml of MCAA Buffer Solution)	W-CT-CL-R								
	W-TR-SQ-R		W-PCB-TQ-R									
Phytoplankton (BP-1L)	DTY-QN-C		PKD-QN-BV		Ice							
DOC (P-500ML)	W-DOC	Field Filtered 0.45 µm Filter		Ice	H2SO4*	<2						
		Acid Preservative Expiration Date										
		Acid Preservative Lot Number										

Date of Request: 17-AUG-2023
 Created By: PASWATER_B On: 17-AUG-2023
 Modified By: JASROTIA_P On: 13-SEP-2023
 Customer: SW-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Southwest District
 Event Description: Run 12

Send Coolers To:

Phone: 813-632-7600
 FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Cooler Ship EMail: benjamin.paswater@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: JASROTIA_P On: 13-SEP-2023
 Biology Request Reviewed By: JASROTIA_P On: 13-SEP-2023
 Sampling Kit Required: NO Ship on:
 Sampling Kit Shipped:
 Sampling Kit Packed By:
 Preservatives Needed: NO
 Date to Receive Samples: 25-SEP-2023
 Logged In By: SHAIK_A On: 31-OCT-2023

Send Final Report To:

FL Dept. of Environmental Protection
 13051 N. Telecom Parkway
 Temple Terrace, FL 33637-0926
 Attn: Ben Paswater
 Report Notification EMail:
 benjamin.paswater@dep.state.fl.us;sarah.meyer@dep.state.fl.us
 ;Devin.Mathias@FloridaDEP.gov

Comments:**Bottle Group A (Water) With 2 Samples:**

Bottle Type: P-250ML-WI-THI	Number of Bottles: 2	Preserved With: ICE
SW-TA-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by Eurofins in Tampa
Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-HARD	Template: DEFAULT	(SM 2340 B-2011) Hardness by calculation, in aqueous matrices, reported as mg/L CaCO3
Hardness		
W-ICP	Template: DEFAULT	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects

Aluminum
 Antimony
 Arsenic
 Barium
 Beryllium
 Boron
 Cadmium
 Calcium
 Chromium
 Cobalt
 Copper
 Iron
 Lead
 Magnesium
 Manganese
 Molybdenum
 Nickel
 Potassium
 Selenium
 Silver
 Sodium
 Strontium
 Thallium

Bottle Group A (Water) With 2 Samples:

Bottle Type: P-500ML	Number of Bottles: 2	Preserved With: HNO3
W-ICP	Template: DEFAULT	(EPA 200.7 Rev. 4.4) Total Recoverable Metals analysis using ICP emission spectroscopy for aqueous samples supporting Clean Water Act Projects
Tin		
Titanium		
Vanadium		
Zinc		
W-ICPMS	Template: DEFAULT	(EPA 200.8 Rev. 5.4) Total Recoverable Metals analysis using ICP-MS for aqueous samples supporting Clean Water Act Projects
Aluminum		
Antimony		
Arsenic		
Barium		
Beryllium		
Boron		
Cadmium		
Chromium		
Cobalt		
Copper		
Lead		
Manganese		
Molybdenum		
Nickel		
Selenium		
Silver		
Thallium		

Bottle Group B (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SW-TA-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by Eurofins in Tampa
Bottle Type: BG-500ML	Number of Bottles: 4	Preserved With: ICE
W-PSNP-TQ	Template: DEFAULT	(EPA 8270E) Organonitrogen and phosphorus pesticides in water matrices by GC/MS/MS
W-TR-SQ-R	Template:	(EPA 8270E) Analysis of Sunscreen Compounds and Flame Retardants in Water by GC/MS-SIM

Bottle Group C (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SW-TA-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by Eurofins in Tampa
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: SMP	(EPA 8321B) Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Bottle Group D (Water) With 1 Samples:

Bottle Type: P-250ML-WI-THI	Number of Bottles: 1	Preserved With: ICE
SW-TA-ECQ	Template: DEFAULT	(SM 9223 B Quanti-Tray) E. coli by Colilert-18/QT by Eurofins in Tampa

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