

Login Checklist

RQ- **2021 - 03 -08 -1 4**

Login Station ID: **# 3**

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: **03-10-2021 / 09:10**

*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	
2.4C				9		X			1Z 1YR 217 15 9607 9291
2.9C				9		X			1Z 1YR 217 15 9568 9071
1.9C				12		X			1Z 1YR 217 15 9995 1467
1.1C				12		X			1Z 1YR 217 15 9523 1680

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 **X** No _____

Micro-Biology Overflow Chain of Custody/ Field Sheet(s) Included?

Yes _____ No **X**

CONTAINER CHECK

Evidence Tape on Bottles?

Yes _____ No _____ NA **X**

Evidence Tape intact? Yes _____ No _____

If Criminal, photographs taken?

Yes _____ No _____

Containers intact? Yes **X** No _____

Caps on tight?

Yes **X** No _____

Sufficient Sample Volume:

Yes **X** 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 **X** 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 **X** No _____ NA _____ Init: **ABS/**

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

Yes _____ No _____ NA **X** Init: **ABS/**

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

Coolers Unpacked/Checked by: **ABS/**

Date: **03-10-2021** Event contains NCRs (Y/N)? **N**

Event ID:

NW - DIST - 2021 - 03 - 10 - 01

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 3 EXP:10/28/2021
pH Test Strips 0 – 6	213316 BV EXP:05/15/21
pH Paper 0 – 3	N/A
pH Paper 0 – 13	231019 EXP:11/01/2021
Chlorine Test Strips	0261 2023 / 05

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# _____

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

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: DISTRICT

Requester: Cheryl Bunch

Collected By: Zach Schang

Field Report Prepared By: Zach Schang

Sampling Agency: FDEP

Location Range Marker East of Bayou Texar		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 3/09/21 Time 9:07		Eastern Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID 1		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 96.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302H32GS1		Temp (C) 15.18	pH 7.93	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 19930		
Latitude 30.420278	☒ dd ☐ dms	Longitude 87.1831944	☒ dd ☐ dms	Salinity (ppt) 11.80	Comments			
Location Midpoint between Bay Bridge and Muscogee Wharf		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 9:27		Eastern Central	Composite end Date Time		Bottle Group(s) A
Field ID 2		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 104.1	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J8GS2		Temp (C) 15.63	pH 8.11	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 22048		
Latitude 30.411722	☒ dd ☐ dms	Longitude 87.1936111	☒ dd ☐ dms	Salinity (ppt) 13.32	Comments			
Location East end of Primary Stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 9:35		Eastern Central	Composite end Date Time		Bottle Group(s) A
Field ID 3		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 103.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J2GS3		Temp (C) 15.69	pH 8.14	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 22917		
Latitude 30.416111	☒ dd ☐ dms	Longitude 87.19425	☒ dd ☐ dms	Salinity (ppt) 13.88	Comments			
Location South of Primary Stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 9:42		Eastern Central	Composite end Date Time		Bottle Group(s) A
Field ID 4		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 103.2	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J2GS4		Temp (C) 15.69	pH 8.12	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 22453		
Latitude 30.416667	☒ dd ☐ dms	Longitude 87.1966111	☒ dd ☐ dms	Salinity (ppt) 13.58	Comments			

Relinquished By: Z. Schang	Date/Time 2:00 3/9/21 2:00pm	Shipping Method UPS/FEDEX	Number of Coolers Shipped: 4	Received By: [Signature]	Date/Time 03/10/21 9:10
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	14
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	14
Group: A	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 14	Preservative: ICE	Enter Number of Bottles Sent to Lab	14
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 14	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	14

H2SO4
LOT# S68353118
EXP: 01/11/2022

Florida Department of Environmental Protection

Central Laboratory Submittal Form

Customer: NW-DIST

Project ID: DISTRICT

Requester: Cheryl Bunch

Collected By: Zach Schang

Field Report Prepared By: Zach Schang

Sampling Agency: FDEP

Location End of Chase Street		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 9:59		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) (See pg 2) A
Field ID 5		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 104.4	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J2GS5		Temp (C) 15.92	pH 8.10	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 21666		
Latitude 30.415528	☒ dd ☐ dms	Longitude 87.1980277	☒ dd ☐ dms	Salinity (ppt) 13.08	Comments			
Location Midpoint between Muscogee and Hawkshaw		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 10:05		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) A
Field ID 6		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 104.6	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J1GS6		Temp (C) 15.68	pH 8.15	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 21667		
Latitude 30.412375	☒ dd ☐ dms	Longitude 87.2007916	☒ dd ☐ dms	Salinity (ppt) 13.07	Comments			
Location Midpoint between bridge and port spoil pond		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 10:11		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) A
Field ID 7		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 104.8	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J8GS7		Temp (C) 15.68	pH 8.17	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 21557		
Latitude 30.408194	☒ dd ☐ dms	Longitude 87.1993333	☒ dd ☐ dms	Salinity (ppt) 12.99	Comments			
Location West of Primary Stormdrain		☐ Comp ☒ Grab	Collection (comp begin or grab) Date 03/09/21 Time 9:49		Eastern ☒ Central	Composite end Date Time		Bottle Group(s) A
Field ID 8		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 119.7	☐ mg/L ☒ % sat	Total Res. Chlorine (mg/L)		
WIN/STORET # 3302J2GS8		Temp (C) 16.87	pH 8.06	Sample Depth .15	☐ ft ☒ m	Sp. Conductance (umho/cm) 24690		
Latitude 30.416528	☒ dd ☐ dms	Longitude 87.1979722	☒ dd ☐ dms	Salinity (ppt) 15.07	Comments Very shallow water			

Relinquished By: Zach Schang	Date/Time 03/09/21 / 2:00PM	Shipping Method UPS/FEDEX	Number of Coolers Shipped: 4	Received By: 	Date/Time 03.10.21 / 9:10
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Group: A	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: NW-UWF-ENQ	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: TURBIDITY W-COLOR W-TSS	P-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
Group: A	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN	P-500ML	# of Bottles: 14	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____

Request Number: RQ-2021-03-08-14

Project Greenshores

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NW-DIST

Project ID: DISTRICT

Requester: Cheryl Bunch

Field Report Prepared By:

Zach Schang

Collected By:

Zach Schang

Sampling Agency:

FDEP

Location West of Hawkshaw Lagoon		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/09/21 Time 10:38		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)	
Field ID 9		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 106.4		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J1GS9		Temp (C) 16.43		pH 8.20		Sample Depth .15		Sp. Conductance (umho/cm) 22294			
Latitude 30.409444 ☒ dd ☐ dms		Longitude 87.2034722 ☒ dd ☐ dms		Salinity (ppt) 13.47		Comments					
Location South of Bayfront Stormdrain		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/09/21 Time 10:32		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 10		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 105.4		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J7GS10		Temp (C) 16.26		pH 8.18		Sample Depth .15		Sp. Conductance (umho/cm) 22200			
Latitude 30.408194 ☒ dd ☐ dms		Longitude 87.2050277 ☒ dd ☐ dms		Salinity (ppt) 13.44		Comments					
Location Seville Marina Inlet		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/09/21 Time 10:24		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 11		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 105.3		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J7GS11		Temp (C) 16.16		pH 8.14		Sample Depth .15		Sp. Conductance (umho/cm) 23310			
Latitude 30.407694 ☒ dd ☐ dms		Longitude 87.2074444 ☒ dd ☐ dms		Salinity (ppt) 14.13		Comments					
Location East of Port Spoil Pond		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/09/21 Time 10:16		Eastern Central		Composite end Date Time		Bottle Group(s)	
Field ID 12		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 105.9		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A	
WIN/STORET # 3302J7GS12		Temp (C) 15.87		pH 8.18		Sample Depth .15		Sp. Conductance (umho/cm) 21265			
Latitude 30.405694 ☒ dd ☐ dms		Longitude 87.2036666 ☒ dd ☐ dms		Salinity (ppt) 12.80		Comments					

Relinquished By: Zach Schang	Date/Time 03/09/21 / 2:00 PM	Shipping Method US/FEBEX	Number of Coolers Shipped: 4	Received By: [Signature]	Date/Time 03-10-21 / 9:10
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Group: A	Bottle Type:	BP-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ENQ						
Group: A	Bottle Type:	P-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
W-COLOR						
W-TSS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 14	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						

Request Number: RQ-2021-03-08-14

Project Greenshores

Florida Department of Environmental Protection Central Laboratory Submittal Form

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last revised Jan 25, 2018

Customer: NW-DIST

Project ID: DISTRICT

Requester: Cheryl Bunch

Field Report Prepared By:

Zach Schang

Collected By:

Zach Schang

Sampling Agency:

FDEP

Location Hawkshaw Lagoon at Memorial Bridge		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/09/21 Time 10:45		Eastern Central		Composite end Date Time		Bottle Group(s) (See pg 2)			
Field ID 13		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 116.2		☐ mg/L ☒ % sat		Total Res. Chlorine (mg/L)		A			
WIN/STORET # 3302J1HL1		Temp (C) 17.52		pH 8.36		Sample Depth .15		☐ ft ☒ m				Sp. Conductance (umho/cm) 8796	
Latitude 30.412125		☒ dd ☐ dms		Longitude 87.2024333		☒ dd ☐ dms		Salinity (ppt) 4.93				Comments Low flow / drainage impacted by hurricane Sally.	
Location 150 ft South of Hawkshaw Lagoon East Stormdrain		☐ Comp ☒ Grab		Collection (comp begin or grab) Date 03/09/21 Time 11:00		Eastern Central		Composite end Date Time		Bottle Group(s)			
Field ID 14		Matrix (type, e.g., Salt, Fresh, etc) Salt		Diss. Oxygen 117.1		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		A			
WIN/STORET # 3302J1GS7		Temp (C) 17.32		pH 8.25		Sample Depth .15		☐ ft ☒ m				Sp. Conductance (umho/cm) 22311	
Latitude 30.413111		☒ dd ☐ dms		Longitude 87.2011944		☒ dd ☐ dms		Salinity (ppt) 13.49				Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)			
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m				Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)			
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m				Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Comments	
Location		☐ Comp ☐ Grab		Collection (comp begin or grab) Date Time		Eastern Central		Composite end Date Time		Bottle Group(s)			
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)					
WIN/STORET #		Temp (C)		pH		Sample Depth		☐ ft ☐ m				Sp. Conductance (umho/cm)	
Latitude		☐ dd ☐ dms		Longitude		☐ dd ☐ dms		Salinity (ppt)				Comments	

Relinquished By: Zach Schang	Date/Time 03/09/21 / 2:00PM	Shipping Method UPS/FEDEX	Number of Coolers Shipped: 4	Received By: [Signature]	Date/Time 3-10-21 / 9:10
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From micro submittal form -
APR 03-10-21

Group: A	Bottle Type:	BP-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
CHLSUITE-W						
Group: A	Bottle Type:	TEST HAS NO BOTTLE	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
NW-UWF-ENQ						
Group: A	Bottle Type:	P-1L	# of Bottles: 14	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
TURBIDITY						
W-COLOR						
W-TSS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 14	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab _____
W-NH3						
W-NO2NO3						
W-S-A-TP						
W-TKN						

Date of Request: 08-FEB-2021
 Created By: BUNCH_CA On: 08-FEB-2021
 Modified By: JASROTIA_P On: 09-FEB-2021
 Customer: NW-DIST
 Project: DISTRICT
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Project Greenshores

Send Coolers To:

Phone: SC-695-8300
 160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch
 Cooler Ship EMail: cheryl.bunch@dep.state.fl.us

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 09-FEB-2021
 Biology Request Reviewed By: JASROTIA_P On: 09-FEB-2021
 Sampling Kit Required: YES Ship on: 26-FEB-2021
 Sampling Kit Shipped: YES On: 19-FEB-2021
 Sampling Kit Packed By: MCCOY_I
 Preservatives Needed: YES
 Date to Receive Samples: 08-MAR-2021
 Logged In By: SHAIK_A On: 10-MAR-2021

Send Final Report To:

160 Government Center
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Cheryl Bunch
 Report Notification EMail: cheryl.bunch@dep.state.fl.us

Comments: 1 - Case of sulfuric acid

Bottle Group A (Water) With 14 Samples:

Bottle Type: BP-1L	Number of Bottles: 14	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: TEST HAS NO	Number of Bottles: 14	Preserved With: ICE
NW-UWF-ENQ	Template: DEFAULT	(Enterolert/QT) Enterococci by Enterolert/QT by UWF in Pensacola
Bottle Type: P-1L	Number of Bottles: 14	Preserved With: ICE
TURBIDITY	Template: DEFAULT	(EPA 180.1 Rev. 2.0) Turbidity 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-TSS	Template: DEFAULT	(SM 2540 D-2011) Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample
Bottle Type: P-500ML	Number of Bottles: 14	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