WIN Import ID: 44931

Login Checklist

RQ- 2023 - 10 - 09 - 68

Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound

Date/Time of Receipt: 10/11/2023 / 09:05

*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				11		X			6484 8459 1117
2.7C				11		X			6484 8459 1128
1.9C				12		X			6484 8459 1139
2.1				11		XX			6484 8459 1161
1.8C				11		X			6484 8459 1172
2.5C				10		X			6484 8459 1150

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 X No_____ Init: ABS

Chlorine detected? *(One container checked per Field ID)* Yes_____ No X 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 / KK

**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# 10114

Coolers Unpacked/Checked by: ABS / **Date:** 10/11/2023 **Event contains NCRs (Y/N)?** N Yes

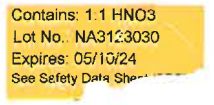
Event ID: NW - DIST - 2023 - 10 - 11 - 01

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IRTG#2 EXP:10/17/23
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

Additional Comments:

Prepared on 10-11-23 (10-30 2444268



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# _____

Login Checklist

RQ- 2023 - 10 - 09 - 68 Login Station ID: # 2

Shipping Method: FedEx | UPS | HD | Greyhound Date/Time of Receipt: 10/11/2023 / 09:05

*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	
1.4C				8		X			6484 8459 1140

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 X No_____ Init: ABS

Chlorine detected? *(One container checked per Field ID)* Yes_____ No X 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:** 10/11/2023 **Event contains NCRs (Y/N)?** N

Event ID: NW - DIST - 2023 - 10 - 11 - 01

Login Checklist

Login Preservation Equipment	Lot # & Exp: Date
Infrared Thermometer ID:	IRTG#2 EXP:10/17/23
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

Additional Comments:

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# _____

last revised Jan 25, 2018

Request Number: RQ-2023-10-09-68
Panama City Bird die off investigation

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: NW-DIST
Project ID: DISCRTNARY

Requester: Michael King
Collected By: Loran Jordan
Field Report Prepared By: Loran Jordan
Sampling Agency: DEP OER/NOAA

*

Location: County Storm Drain (highest mortality)	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/23 Time 11:20am	Eastern / Central (circled)	~~Composite end~~ Date 10/10/23 Time 11:50am	Bottle Group(s) (See pg 2): A+B
Field ID: Storm Drain #5	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
~~WIN/STORET #~~ G3NW0456	Temp (C) Sample depth estimated.	pH	Sample Depth 0.2 ☐ ft ☒ m	Sp. Conductance (umho/cm)	
Latitude 30.189148S ☐ dd ☐ dms	Longitude -85.8303344 ☐ dd ☐ dms	Salinity (ppt)	Comments ~~[illegible]~~		
Location: Edge Water Access 41	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/23 Time 12:00PM	Eastern / Central (circled)	Composite end Date 10/10/23 Time 12:13pm	Bottle Group(s): A+B
Field ID: Storm Drain #6	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)	
~~WIN/STORET #~~ G3NW0457	Temp (C)	pH	Sample Depth 0.2m ☐ ft ☐ m	Sp. Conductance (umho/cm)	
Latitude 30.1832763 ☐ dd ☐ dms	Longitude -85.8199754 ☐ dd ☐ dms	Salinity (ppt)	Comments Did not test analysis WICP/WICPMS not enough nitric acid preservative (no acid in bottle) Sample depth estimated.		
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:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Loran Jordan	10/10/23	FedEx Overnight	7	ABO	10.11.23/9:05

Group: A	Bottle Type: W-BNA-R	BG-500ML	# of Bottles: 14	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-CT-CI-R W-PCL-TQ-R	BG-500ML FILL TO TOP	# of Bottles: 14	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-FL-PRO	BG-500ML	# of Bottles: 14	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 6	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-MCYST-AA W-SAXTN-MS	P-125ML MICROCYSTINS	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-PSNP-TQ	BG-500ML	# of Bottles: 14	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: B	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	

Request Number: RQ-2023-10-09-68

Panama City Bird die off investigation

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: NW-DIST

Project ID: DISCRTNARY

Requester: Michael King

Collected By: Loran Jordan

Field Report Prepared By: Loran Jordan

Sampling Agency: DEP OER / NOAA

Location: Pineapple Villas	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/23 Time 9:20am Eastern Central	Composite end Date 10/10/23 Time 9:30am	Bottle Group(s) (See pg 2): A+B					
Field ID: Storm Drain #1	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
~~WIN/STORET #~~: G3NW0458	Temp (C)	pH	Sample Depth 0.2m ☐ ft ☐ m	Sp. Conductance (umho/cm)					
Latitude: 30.2420403 ☐ dd ☐ dms	Longitude: -85.9319234 ☐ dd ☐ dms	Salinity (ppt)	Comments: Sample depth estimated. Received 3 BNA bottles						
Location: Sea Chase	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/23 Time 9:45am Eastern Central	Composite end Date 10/10/23 Time 9:58am	Bottle Group(s): A+B					
Field ID: Storm Drain #2	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
~~WIN/STORET #~~: G3NW0459	Temp (C)	pH	Sample Depth 0.2m ☐ ft ☐ m	Sp. Conductance (umho/cm)					
Latitude: 30.2264471 ☐ dd ☐ dms	Longitude: -85.8993510 ☐ dd ☐ dms	Salinity (ppt)	Comments: Sample depth estimated. Received 1 BNA bottle.						
Location: Tide water	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/23 Time 10:25am Eastern Central	Composite end Date 10/10/23 Time 10:31am	Bottle Group(s): A+B					
Field ID: Storm Drain #3	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
~~WIN/STORET #~~: G3NW0460	Temp (C)	pH	Sample Depth 0.2m ☐ ft ☐ m	Sp. Conductance (umho/cm)					
Latitude: 30.2192592 ☐ dd ☐ dms	Longitude: -85.8851671 ☐ dd ☐ dms	Salinity (ppt)	Comments: Sample depth estimated.						
Location: Sharky's	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 10/10/23 Time 10:40am Eastern Central	Composite end Date 10/10/23 Time 10:55	Bottle Group(s): A+B					
Field ID: Storm Drain #4	Matrix (type, e.g., Salt, Fresh, etc)	Diss. Oxygen ☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)						
~~WIN/STORET #~~: G3NW0461	Temp (C)	pH	Sample Depth 0.2m ☐ ft ☐ m	Sp. Conductance (umho/cm)					
Latitude: 30.2081174 ☐ dd ☐ dms	Longitude: -85.8642305 ☐ dd ☐ dms	Salinity (ppt)	Comments: Sample depth estimated.						

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
Loran Jordan	10/10/23 12:40pm	Fedex overnight	7	AB	10.11.23/9:05

Group: A	Bottle Type: W-BNA-R	BG-500ML	# of Bottles: 14	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-CT-CI-R W-PCL-TQ-R	BG-500ML FILL TO TOP	# of Bottles: 14	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-FL-PRO	BG-500ML	# of Bottles: 14	Preservative:	ICE And H2SO4	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 6	Preservative:	HNO3	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-MCYST-AA W-SAXTN-MS	P-125ML MICROCYSTINS	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: A	Bottle Type: W-PSNP-TQ	BG-500ML	# of Bottles: 14	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	
Group: B	Bottle Type: BLOOM-ID	PT-50ML	# of Bottles: 6	Preservative:	ICE	**Enter Number of Bottles Sent to Lab**	

RQ-2023-10-09-68

Date of Request:	05-OCT-2023
Created By:	KING_M On: 05-OCT-2023
Modified By:	AYRES_J On: 06-OCT-2023
Customer:	NW-DIST
Project:	DISCRTNARY
Division:	DEP Northwest District
District:	Northwest District
Event Description:	Panama City Bird die off investigation

Send Coolers To:

Phone: 850-767-0046
2420 Jenks Avenue
Suite 4-B
Panama City, FL 325405
Attn: Mark Sumner
Cooler Ship EMail: Mark.C.Sumner@dep.state.fl.us

Priority:	1
Event Status:	R
Criminal Investigation:	NO
Chemistry Request Reviewed By:	AYRES_J On: 06-OCT-2023
Biology Request Reviewed By:	AYRES_J On: 06-OCT-2023
Sampling Kit Required:	YES Ship on: 06-OCT-2023
Sampling Kit Shipped:	YES On: 06-OCT-2023
Sampling Kit Packed By:	KLUG_K
Preservatives Needed:	YES
Date to Receive Samples:	09-OCT-2023
Logged In By:	SHAIK_A On: 11-OCT-2023

Send Final Report To:

160 Government Center
Suite 208
Pensacola, FL 32502-5794
Attn: Myranda Butler
Report Notification EMail: myranda.k.butler@floridadep.gov

Comments: Please expidite sampling kits

preservation:

6 vials nitric acid
14 vials H2SO4

FedEx return labels and cooler tags

Bottle Group A (Water) With 6 Samples:

Bottle Type: BG-500ML Number of Bottles: 14 Preserved With: ICE
- W-BNA-R Template: DEFAULT (EPA 8270E) EPA Method 8270, Semi-volatile organic pollutants including PAHs, excluding PCBs and Toxaphene, in water matrices by GC/MS.

Bottle Type: BG-500ML FILL TO Number of Bottles: 14 Preserved With: ICE
- W-CT-CI-R Template: DEFAULT (EPA 8276) Chlordane and Toxaphene in water matrices by GC/MS with Negative Chemical Ionization
- W-PCL-TQ-R Template: DEFAULT (EPA 8270E) Organochlorine pesticides, pyrethroids and tracers in water matrices by GC/MS/MS

Bottle Type: BG-500ML Number of Bottles: 14 Preserved With: ICE And H2SO4
- W-FL-PRO Template: DEFAULT (FL-PRO 2018) Total recoverable petroleum hydrocarbons in water samples by GC-FID.

Bottle Type: P-500ML Number of Bottles: 6 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

  - Aluminum
  - Antimony
  - Arsenic
  - Barium
  - Beryllium
  - Boron
  - Cadmium
  - Calcium
  - Chromium
  - Cobalt
  - Copper

Bottle Group A (Water) With 6 Samples:

Bottle Type: P-500ML Number of Bottles: 6 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

Iron
Lead
Magnesium
Manganese
Molybdenum
Nickel
Potassium
Selenium
Silver
Sodium
Strontium
Thallium
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 Type: P-125ML Number of Bottles: 6 Preserved With: ICE

W-MCYST-AA	Template: DEFAULT	(EPA 8321B) Microcystins in water matrices by HPLC/MS/MS
W-SAXTN-MS	Template: DEFAULT	(EPA 8321B) Saxitoxin in water matrices by HPLC/MS/MS

Bottle Type: BG-500ML Number of Bottles: 14 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 6 Samples:

Bottle Type: PT-50ML Number of Bottles: 6 Preserved With: ICE

BLOOM-ID	Template: DEFAULT	(SOP-AB18) Assessment of dominant algal taxa in bloom or mat sample

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