

Shaik, Amzad

From: Butera, Frank
Sent: Tuesday, September 20, 2022 14:10
To: Shaik, Amzad; Slade, Christopher "Stopher"
Subject: RQ-2022-09-12-57 Lake Powell Special Project

Hi Amzad,

The sediments for Lake Powell Samples, RQ-2022-09-12-57 should be run as Marine Sediment Samples.

Sampling Times.

G3NW0243 Surface Water Time. 15:10 CTZ.
 Sediment Collection Time. 15:15 CTZ

G3NW0242 Surface Water Time. 15:40 CTZ
 Sediment Collection Time. 15:45 CTZ

G3NW0244 Surface Water Time. 16:25 CTZ
 Sediment Collection Time. 16:30 CTZ

Frank Butera
FL Department of Environmental Protection
Division Environmental Assessment and Restoration
Northwest Regional Operating Center
Environmental Specialist III
Frank.Butera@floridaDEP.gov
Office: (850) 595-0572

Login Checklist

RQ- **2022 - 09 - 12 - 57**

Login Station ID: **# 2**

Shipping Method: **FedEx | UPS | HD | Greyhound**

Date/Time of Receipt: **09-20-22 19:10**

*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	
1.3C				9		X			5859 4729 0282
0.5				10		X			5859 4729 1061

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/ FieldSheet(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: **0920/2022** Event contains NCRs (Y/N)? **N**

Event ID: **NW - DIST - 2022 - 09 20 - 02**

Login Checklist

Login Preservation Equipment

Lot # & Exp: Date

Additional Comments:

Infrared Thermometer ID:	IRTG # 2 EXP:10/19/2022
pH Test Strips 0 – 6	LOT#223819AV EXP:8/30/23
pH Paper 0 – 3	N/A
pH Paper 0 – 13	LOT#207621 EXP:3/15/2024
Chlorine Test Strips	0070 / 2023 / 02

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**

SPECIAL PROJECTS Field Sheet Lake Powell investigation

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	Lake Powel cove E. of Origins 8				Sample Date:	9/19/2022	
WIN / Field ID:	G3NW0243	ORG ID:	21FLPNS	ENR:		Latitude:	30.28276
County:	Bay	WBID:	1055A	LAKE		Longitude:	-85.99391
Receiving Body of Water:	Gulf of Mexico				RQ-	2022-09-12-57	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Frank Butera		x		x	x
C. Stopher Slade	x		x		

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	Pole	
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		BFA	
Collection Method			
	Wading	Canoe/Kayak	
	From Shore	Electric Motor	
		x Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	NA
Matrix:	Marine
Tide Stage:	N/A
High Tide:	
Low Tide:	
Photos:	Yes
Meter ID:	155077 (ProDSS)

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPTH)
CEN	1510	2.7	0.3	5.4	80.7	31.2	7.54	1.2	30643	18.9
	1513		2	0.07	1.1	29.8	7.67		44564	28.667
	1516		2.2	0.1	1.5	29.7	7.65		44628	28.71

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID Entered Into The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Preservation			
		Type	Lot#	Expiration Date	pH Check
Microbiology					
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
Other(s)	W-FL-PRO, W-BNA-R, S-BNA, S-FL-PRO			Ice, H2SO4	
Field Comments:					
Comments on COC:					
Relinquish Date:	09/19/2022	Signature:			

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID in LIMS DMT: _____ QC Station ID, Field Parameters in LIMS DMT: _____
(Initials/Date) (Initials/Date)Save Field Sheets on Network: _____ Migrate Data to WIN: _____
(Initials/Date) (Initials/Date)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
CHAIN OF CUSTODY FORM

Date: 9/19/2022 **Collected By:** Frank Butera, C. Stopher Slade
Customer: NW-DIST **Sampling Agency:** FDEP
RQ: RQ-2022-09-12-57 **Project ID:** SPPROJECTS

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

Number of Coolers Shipped: 2

Delivery Method: FedEx

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

Site Location	Field ID/WIN ID
Lake Powel cove E. of Origins 8	 G3NW0243
Lake Powell N. of North Walton Lakeshore Dr.	 G3NW0242
Lake Powell inlet middle	 G3NW0244

RELINQUISHED BY(SIGNATURE):



DATE/TIME: 9/19/2022
1630CEN

THIS SECTION TO BE COMPLETED BY LABORATORY

Rec'd/Inspected By: A.SHAIK

Rec'd/Inspected Date: 09/20/2022

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

SPECIAL PROJECTS Field Sheet Lake Powell investigation

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	Lake Powell N. of North Walton Lakeshore Dr.				Sample Date:	9/19/2022	
WIN / Field ID:	G3NW0242	ORG ID:	21FLPNS	ENR:			
County:	Walton	WBID:	1055A	LAKE			
Receiving Body of Water:	Gulf of Mexico				RQ-	2022-09-12-57	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Stopher Slade	x		x		
Frank Butera		x		x	x

Sampling Equipment			
x	Sample Container	Carboy	
	Dipper	Van Dorn	
	Syringe	Pole	
	Syringe Lot#	Filter Lot#	
	Secchi Equipment ID:	BFA	
Collection Method			
	Wading	Canoe/Kayak	
	From Shore	Electric Motor	
		x Gasoline Motor	
Depth Measured With Meter			

Water Level:	Normal
Flow:	NA
Matrix:	Marine
Tide Stage:	N/A
High Tide:	
Low Tide:	
Photos:	Yes
Meter ID:	155077 (ProDSS)

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPT _h)
CEN	1540	2.5	0.3	3.36	51.3	31.8	7.3	1.5	30800	19
	1342		2	0.09	1.4	29.9	7.63		44403	28.55
	1543		2	0.09	1.5	29.6	7.63		44403	28.55

Biological Samples Collected:	None	
SBIO Visit ID:	HA ID:	RPS ID:
Macrophyte ID:	LIMS Sample ID Entered Into The Macrophyte Module:	

Parameter Suite	Parameter Methods (LIMS Test Codes)	Preservation			
		Type	Lot#	Expiration Date	pH Check
Microbiology					
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
Other(s)	W-FL-PRO, W-BNA-R, S-BNA, S-FL-PRO			Ice, H2SO4	
Field Comments:					
Comments on COC:					
Relinquish Date:	09/19/2022	Signature:			

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)
Save Field Sheets on Network: _____ (Initials/Date)	Migrate Data to WIN: _____ (Initials/Date)

**FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

SPECIAL PROJECTS Field Sheet Lake Powell Investigation

July 2022

Meter
Passed End
of Day CCV
Yes / No

WIN Station Name:	Lake Powell inlet middle				Sample Date:	9/19/2022	
WIN / Field ID:	G3NW0244	ORG ID:	21FLPNS	ENR:		Latitude:	30.26949
County:	Bay	WBID:	1055A	LAKE		Longitude:	-85.98705
Receiving Body of Water:	Gulf of Mexico				RQ-	2022-09-12-57	

Sampling Team Members	WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
C. Stopher Slade	x		x		
Frank Butera		x		x	x

Sampling Equipment			
☒ Sample Container		Carboy	
Dipper		Van Dorn	
Syringe		Pole	
Syringe Lot#		Filter Lot#	
Secchi Equipment ID:		BFA	
Collection Method			
Wading		Canoe/Kayak	
From Shore		Electric Motor	
		☒ Gasoline Motor	
Depth Measured With <i>Meter</i>			

Water Level:	Normal
Flow:	NA
Matrix:	Marine
Tide Stage:	N/A
High Tide:	
Low Tide:	
Photos:	Yes
Meter ID:	155077 (ProDSS)

Time Zone	Time	Total Depth (m)	Sample Depth (m)	DO (mg/L)	DO (%SAT)	Temp. (°C)	pH	Secchi Disk (m)	Sp COND (µmhos/cm)	Salinity (PPTth)
CEN	1625	0.7	0.3	6.93	98.9	29.4	7.66	0.7	25692	15.78
								VOB (s)		

Biological Samples Collected: None

SBIO Visit ID: HA ID: RPS ID: Macrophyte ID: LIMS Sample ID Entered Into The Macrophyte Module:

Parameter Suite	Parameter Methods (LIMS Test Codes)	Preservation			
		Type	Lot#	Expiration Date	pH Check
Microbiology					
Chlorophyll					
Physical/Aggregate Nutrients					
Filtered Nutrients					
Acid Preserved Nutrients					
Metals					
Organics (LC)					
Macroinvertebrates					
Organics (GC)					
Molecular					
Periphyton					
Phytoplankton					
BOD					
Other(s)	W-BNA-R, W-FL-PRO, S-BNA, S-FL-PRO			Ice, H2504	
Field Comments:					
Comments on COC:					
Relinquish Date:	09/19/2022	Signature:			

LIMS EVENT ID: _____ WIN Import ID: _____
Enter Field Parameters, Verify Station ID in LIMS DMT: _____ QC Station ID, Field Parameters in LIMS DMT: _____
(Initials/Date) (Initials/Date)
Save Field Sheets on Network: _____ Migrate Data to WIN: _____
(Initials/Date) (Initials/Date)

Date of Request: 07-SEP-2022
 Created By: SLADE_C On: 07-SEP-2022
 Modified By: AYRES_J On: 08-SEP-2022
 Customer: NW-DIST
 Project: DISTRICT
 Division: Division of Environmental Assessment and Restoration
 District: Northwest District
 Event Description: Lake Powell

Send Coolers To:

Phone: 850-595-0567
 160 W Government Street
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Stopher Slade
 Cooler Ship EMail: christopher.slade@floridadep.gov

Priority: 3
 Event Status: R
 Criminal Investigation: NO
 Chemistry Request Reviewed By: AYRES_J On: 08-SEP-2022
 Biology Request Reviewed By:
 Sampling Kit Required: YES Ship on: 12-SEP-2022
 Sampling Kit Shipped: YES On: 12-SEP-2022
 Sampling Kit Packed By: KLUG_K
 Preservatives Needed: YES
 Date to Receive Samples: 20-SEP-2022
 Logged In By: SHAIK_A On: 20-SEP-2022

Send Final Report To:

160 W Government Street
 Suite 308
 Pensacola, FL 32502-5794
 Attn: Stopher Slade
 Report Notification EMail: King, Michael
 <Michael.King@dep.state.fl.us>; Slade, Christopher "Stopher"
 <Christopher.Slade@dep.state.fl.us>; Butler, Myranda K
 <Myranda.K.Butler@FloridaDEP.gov>

Comments: Group A (WBID 1055A) FL-PRO, BNA

Bottle Group A (Water) With 3 Samples:

Bottle Type: BG-500ML	Number of Bottles: 8	Preserved With: ICE
W-BNA-R	Template:	(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	Number of Bottles: 8	Preserved With: ICE And H2SO4
W-FL-PRO	Template: DEFAULT	(FL-PRO 2018) Total recoverable petroleum hydrocarbons in water samples by GC-FID.

Bottle Group B (Soil/Sediment/Waste) With 3 Samples:

Bottle Type: GJ-250ML	Number of Bottles: 3	Preserved With: ICE
S-BNA	Template: DEFAULT	(EPA 8270E) Semi-volatile organic pollutants, excluding PCBs and Toxaphene, in soil/sediments by GC/MS.
S-FL-PRO	Template: DEFAULT	(FL-PRO 2018) Total recoverable petroleum hydrocarbons in sediment/soil samples by GC-FID.

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

