



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

October 2017

Qualified Data

Location/STORET Station Name: Dead River @ 50m S of US 441 Date: 11/1/18
STORET # G1CE0100 WBID: 2817C Latitude: 28.81481 (mm/dd/yyyy)
County: Lake RQ: 2018-01-08-30 ORG ID: 21FLUEN Longitude: -81.7403 (Decimal Degrees)
Receiving Body of Water: _____ Field ID: G1CE0100 (Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
<u>Tony Rignall</u> <u>Katie Williams</u>						

Water Level:		Meter ID#		Matrix:	
Dry / Low	<u>Normal</u> / Above Normal / Flooded	<u>Betty 67</u>		Fresh / Marine / DI	

Photos:		Flow:		Tide:		Tide Times:	
Yes / No		No Flow / Intertidal / Flowing / NA		Rising / Falling / Slack / NA		High / Low	

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	<u>1055</u>	<u>0.3</u>	<u>3.0</u>	<u>10.37</u>	<u>100.4</u>	<u>7.84</u>	<u>0.14</u>		<u>333</u>	<u>13.76</u>
<u>CEN</u>		<u>2.5</u>		<u>9.06</u>	<u>85.0</u>	<u>7.57</u>	<u>0.15</u>	<u>0.7</u>	<u>321</u>	<u>12.23</u>

Biological Samples Collected:		SBIO ID Numbers:		SBIO-ID:		HA-ID:		RPS-ID:		Macrophyte-ID:		LIMS#:	
None	HA	SCI	RPS	Algae ID	LVS	LVI	Other						

Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H2SO4	<u>SA7275010</u>	<u>10/18</u>	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA7226050</u>	<u>8/19</u>	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☒ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-C-JC / ☒ W-COLOR / ☒ W-SO4-JC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY	☐ Ice			
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin			
Periphyton	☐ ALGAE-ID	☐ Ice			
Microbiology	☐ E Coi ☐ F Coi ☐ Enterococci	☐ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Other			

Contains: 1:1 Sulfuric Acid
Lot No.: SA7275010
Expires: 10/02/18
See Safety Data Sheet (SDS)

Contains: 1:1 Nitric Acid
NA-7226050
EXP: 08/14/18
See SDS

Notes:

Signature: Katie Williams

Field Parameters Entered into LIMS: KMW 11/1/18
(Initials/Date)

Date Migrated to STORET: _____
(Initials/Date)

Dead River @ 50m S of
US 441 (2817C)

RQ-2017-01-08-30

Date: 1/11/2018

Date: 1/11/18

G1CE0100

Field ID

STORET

G1CE0100

Field Parameters QC in LIMS: _____
(Initials/Date)

Field Sheets Scanned/Saved: _____
(Initials/Date)

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By:

Collected By:

Sampling Agency:

Location	Dead River @ 150m from Lake Eustis (2817C)										RQ-2017-01-08-30 Date: 1/11/2018										Dead River @ 50m S of US 441 (2817C)										RQ-2017-01-08-30 Date: 1/11/2018										Dead River @ Power Lines (2817C)										RQ-2017-01-08-30 Date: 1/11/2018										Dead River @ 100m from Lake Harris (2817C)										RQ-2017-01-08-30 Date: 1/11/2018									
Field ID	G1CE0101 Field ID ↑ STORET ↓ G1CE0101										G1CE0100 Field ID ↑ STORET ↓ G1CE0100										G1CE0056 Field ID ↑ STORET ↓ G1CE0056										G1CE0099 Field ID ↑ STORET ↓ G1CE0099																																																	
WIN/STORE																																																																																
Latitude	☐ dd ☐ dms Longitude										☐ dd ☐ dms Longitude										☐ dd ☐ dms Longitude										☐ dd ☐ dms Longitude																																																	
Location	☐ Comp ☒ Grab Date 1/11/18 Time 1045										☐ Comp ☒ Grab Date 1/11/18 Time 1055										☐ Comp ☒ Grab Date 1/11/18 Time 1105										☐ Comp ☒ Grab Date 1/11/18 Time 1115																																																	
Field ID	Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.20										Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.37										Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 9.96										Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.45																																																	
WIN/STORE	Temp (C) 13.46 pH 7.74										Temp (C) 13.76 pH 7.84										Temp (C) 13.95 pH 7.76										Temp (C) 12.68 pH 7.94																																																	
Latitude	☐ dd ☐ dms Salinity (ppt) 0.14										☐ dd ☐ dms Salinity (ppt) 0.14										☐ dd ☐ dms Salinity (ppt) 0.15										☐ dd ☐ dms Salinity (ppt) 0.13																																																	
Location	☐ Eastern Central Date 334										☐ Eastern Central Date 333										☐ Eastern Central Date 319										☐ Eastern Central Date 278																																																	
Field ID	Sample Depth 0.3										Sample Depth 0.3										Sample Depth 0.3										Sample Depth 0.3																																																	
WIN/STORE	Sp. Conductance (umho/cm)										Sp. Conductance (umho/cm)										Sp. Conductance (umho/cm)										Sp. Conductance (umho/cm)																																																	
Latitude																																																																																
Location	Composite end										Composite end										Composite end										Composite end																																																	
Field ID	Time										Time										Time										Time																																																	
WIN/STORE																																																																																
Latitude																																																																																

Relinquished By: ~ Kulluma	Date/Time 1/11/18	Shipping/Method FedEx	Number of Coolers Shipped: 2	Received By: 	Date/Time 1-12-18	12:00
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Group: A	Bottle Type:	P-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 5	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 5	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	4
	W-NH3						
	W-NO2NO3						
	W-S-A-TP						
	W-TKN						
	W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 5	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						

Date of Request: 21-DEC-2017
 Created By: LINGER_M On: 21-DEC-2017
 Modified By: WATTS_J On: 12-JAN-2018
 Customer: CEN-DIST
 Project: SMP
 Division: Division of Environmental Assessment and Restoration
 District: Central District
 Sampling Event: Dead River X5

Send Coolers To:

Phone: 407-897-4180
 FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Program Module Number: 1306
 Priority: 3
 Event Status: S
 Criminal Investigation: NO
 Chemistry Request Reviewed By: WATTS_J On: 22-DEC-2017
 Biology Request Reviewed By: WALTERS_J On: 02-JAN-2018
 Sampling Kit Required: YES Ship on: 05-JAN-2018
 Sampling Kit Shipped: YES On: 08-JAN-2018
 Sampling Kit Packed By: SEARSON_C
 Preservatives Needed: YES
 Date to Receive Samples: 08-JAN-2018
 Received By:

Send Final Report To:

FL Dept. of Environmental Protection
 3319 Maguire Blvd., Suite 232
 Orlando, FL 32803-3767
 Attn: Mike Linger

Report Type: Final Only
 FTP Data: NO
 QC Report: YES
 Date Log: NO
 Authorization Log: NO

Comments: 5 - cases of Sulfuric Acid
 3 - cases of Nitric Acid

Bottle Group A (Water) With 5 Samples:

Bottle Type: P-1L	Number of Bottles: 5	Preserved With: ICE
ALKALINITY	Template: DEFAULT	(SM 2320 B-97) Alkalinity in aqueous matrices as mg CaCO ₃ /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) True Color measured at 450 nm
Color (true)		
W-F	Template: DEFAULT	(SM 4500 F-C-97) Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)
W-SO ₄ -IC	Template: DEFAULT	(EPA 300.0 Rev. 2.1) Sulfate in aqueous matrices
W-TDS	Template: DEFAULT	(SM 2540 C-97) Total Dissolved Solids in aqueous matrices
W-TSS	Template: DEFAULT	(SM 2540 D-97) Total Suspended Solids in aqueous matrices
Bottle Type: BP-1L	Number of Bottles: 5	Preserved With: ICE
CHLSUITE-W	Template: DEFAULT	(SM 10200 H (mod.)) Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry
Bottle Type: P-500ML	Number of Bottles: 5	Preserved With: HNO ₃
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
Calcium		
Chromium		
Iron		
Magnesium		
Nickel		
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
Arsenic		
Cadmium		