



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

Qualified Data

October 2017

Location/STORET Station Name: Dead River @ 150m from LK. Eustis Date: 1/11/18

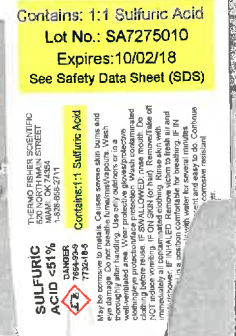
STORET # G1CE0101 WBID: 2817C Latitude: 29.8179 (mm/dd/yyyy)

County: Lake RQ: 2018-01-08-30 ORG ID: 21FLCEN Longitude: -81.74006 (Decimal Degrees)

Receiving Body of Water: _____ Field ID: G1CE0101 (Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
<u>Terry Rordan</u> <u>Katie Williams</u>							☒ Sample Container	☐ Van Dorn	☐ Pole		
							☐ Carboy	☒ Syringe			
							☐ Dipper	☐ Other			
		Equipment ID									
							Collection Method				
							☐ Wading	☐ Canoe/Kayak			
							☐ From Shore	☐ Electric Motor			
							☐ Other	☒ Gasoline Motor			
Water Level: Dry / Low / <u>Normal</u> / Above Normal / Flooded							Meter ID# <u>Betty 67</u>	Matrix: <u>Fresh</u> / Marine / DI			
Photos: <u>Yes</u> / No		Flow: No Flow / Intestinal / <u>Flowing</u> / NA		Tide: Rising / Falling / Slack / NA		Tide Times: High / Low					
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Secchi Disk (m)	Sp COND (umhos/cm)	Temp. (C°)	
<u>EST</u>	<u>1045</u>	<u>0.3</u>	<u>4.7</u>	<u>10.20</u>	<u>98.1</u>	<u>7.74</u>	<u>0.14</u>	<u>0.7</u>	<u>334</u>	<u>13.46</u>	
<u>CEN</u>		<u>4.2</u>		<u>9.52</u>	<u>89.8</u>	<u>7.57</u>	<u>0.14</u>		<u>330</u>	<u>12.68</u>	

Biological Samples Collected:		None	HA	SCI	RPS	Algae ID	LVS	LVI	Other
SBIO ID Numbers:		SBIO-ID:	HA-ID:	RPS-ID:	Macrophyte-ID:	LIMS#:			
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>10/16</u>	☒ <2				
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO3	<u>NA7226050</u>	<u>6/16</u>	☐ <2				
Filtered Nutrients	☐ W-PO4-F ☒ Field Filtered 0.45 um Filter	☒ Ice							
Chlorophyll	☐ CHLSUITE-W	☒ Ice							
Physical/Aggregate (Fresh)	☒ Alkalinity / W-F / W-TSS / TURBIDITY / W-CL-IC / W-COLOR / W-SO4-IC / W-TDS	☒ Ice							
Physical/Aggregate (Marine)	☐ Alkalinity / W-F / W-TSS / TURBIDITY	☐ Ice							
Macroinvertebrates	☐ MI-FW-QLDC	☐ Formalin							
Periphyton	☐ ALGAE-ID	☐ Ice							
Microbiology	☐ E Coli ☐ F Coli ☐ 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							



Notes: low flow, turbid

Dead River @ 150m from
Lake Eustis (2817C)

G1CE0101
Field ID ↑
STORET ↓

RQ-2017-01-08-30
Date: 1/11/2018

G1CE0101

Signature: K Williams

Field Parameters Entered into LIMS: KMW 1/16/18
(Initials/Date)

Date Migrated to STORET: _____
(Initials/Date)

Field Parameters QC in LIMS: _____

Field Sheets Scanned/Saved: _____

(Initials/Date)
(Initials/Date)

Customer: CEN-DIST
Project ID: SMP

Requester: Michael Linger
Collected By: Tony Rindler

Field Report Prepared By:

Location	Dead River @ 150m from Lake Eustis (2817C)										RQ-2017-01-08-30 Date: 1/11/2018		G1CE0101 Field ID ↑ STORET ↓ G1CE0101		☐ Comp Grab ☒ Eastern Central Collection (comp begin or grab) Date 1/11/18 Time 1045 Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.20 Temp (C) 13.46 pH 7.74 Salinity (ppt) 0.14 Comments		Bottle Group(s) (See pg 2) A	
Field ID																		
WIN/STORE																		
Latitude																		
Location	Dead River @ 50m S of US 441 (2817C)										RQ-2017-01-08-30 Date: 1/11/2018		G1CE0100 Field ID ↑ STORET ↓ G1CE0100		☐ Comp Grab ☒ Eastern Central Collection (comp begin or grab) Date 1/11/18 Time 1055 Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.37 Temp (C) 13.76 pH 7.84 Salinity (ppt) 0.14 Comments		Bottle Group(s) A	
Field ID																		
WIN/STORE																		
Latitude																		
Location	Dead River @ Power Lines (2817C)										RQ-2017-01-08-30 Date: 1/11/2018		G1CE0056 Field ID ↑ STORET ↓ G1CE0056		☐ Comp Grab ☒ Eastern Central Collection (comp begin or grab) Date 1/11/18 Time 1105 Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 9.96 Temp (C) 13.95 pH 7.76 Salinity (ppt) 0.15 Comments		Bottle Group(s) A	
Field ID																		
WIN/STORE																		
Latitude																		
Location	Dead River @ 100m from Lake Harris (2817C)										RQ-2017-01-08-30 Date: 1/11/2018		G1CE0099 Field ID ↑ STORET ↓ G1CE0099		☐ Comp Grab ☒ Eastern Central Collection (comp begin or grab) Date 1/11/18 Time 1115 Matrix (type, e.g., Salt, Fresh, etc) Diss. Oxygen 10.45 Temp (C) 12.68 pH 7.94 Salinity (ppt) 0.13 Comments		Bottle Group(s) A	
Field ID																		
WIN/STORE																		
Latitude																		

Relinquished By: ~ <i>Kullums</i>	Date/Time 1/11/18	Shipping/Method FedEx	Number of Coolers Shipped: 2	Received By: <i>[Signature]</i>	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

Send Final Report To:

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:

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		