



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

Dead River @ Power Lines (2817C)

WIN Station Name:

Date: 3/6/2018

(mm/dd/yyyy)

WIN ID/ Field ID G1CE0056

WBID: 2817C

Latitude: 28.81299739

County: Lake

ORG ID: 21FLCEN

Longitude: -81.76627258

(Decimal Degrees)

Receiving Body of Water: LAKE EUSTIS

RQ - 2018-02-26-59

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
TERRY RIORDAN		✓		✓				
LEIF BOMAN			✓		✓		✓	✓
KALINA WARREN <i>sechi</i>								

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	
Depth Measured with: SECCHI DISK LINE		
Equipment ID		

Collection Method	
☐ Wading	☐ Canoe/Kayak
☐ From Shore	☐ Electric Motor
☐ Other	☒ Gasoline Motor

Water Level: Dry/ Pooled/ Low/ Normal/ High/ Flooded

Meter ID# BETTY / 67

Matrix: Fresh/ Marine / DI

Photos: Yes / No

Flow: No Flow / Intestinal / Flowing / NA

Tide: Rising/ Falling/ Slack/ NA

Tide Times: High Low

Field Sample

(Bracket Sample Time)

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Sp COND (µmhos/cm)	Temp. (C°)
<u>EST</u>	1221	2.6	0.3	1.1	8.24	92.1	7.96	0.13	283	21.04
CEN			2.1		7.97	88.4	7.89	0.13	284	20.68

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 ☒ H ₂ SO ₄	SA7341020	12/07/18	☒ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA-7341010	12/7/2018	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
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				
Periphyton	☐ ALGAE-ID				
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci				
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GI				
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	☐ Ice			
Pesticides	☐ W-SPNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

WIN ID / Field ID →

Dead River @ Power Lines
(2817C)



G1CE0056

QA/QC Sample Information Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>1223</u>		Field ID: <u>G1CE0056 (DUP)</u>	
(WIN ID + DUP)					
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7341020	12/07/18	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA-7341010	12/7/2018	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CHC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY				
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	WIN ID / Field ID →			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFI	Dead River @ Power Lines (2817C)			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	 G1CE0056DUP			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R				
		☐ Other			

Blank

Time Zone: <u>EST</u> CEN		Time: <u>1310</u>		Field ID: <u>BLANK_03062018</u>	
(BLANK_MMDDYYYY)					
DI Source: <u>WASH ROOM</u>		Location: <u>DEAD RIVER</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7341020	12/07/18	☒ < 2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA-7341010	12/7/2018	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	13615055		
Chlorophyll	☐ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity / ☒ W-F / ☒ W-TSS / ☒ TURBIDITY / ☒ W-CHC / ☒ W-COLOR / ☒ W-SO4-IC / ☒ W-TDS	☒ Ice			
Physical/Aggregate (Marine)	☐ Alkalinity / ☐ W-F / ☐ W-TSS / ☐ TURBIDITY				
Microbiology	☐ E Coli ☐ F Coli ☐ Enterococci	Field ID →			
Molecular	☐ PCR-FILTER ☐ PCR-HF183 ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-GFI	Field Blank			
Tracers	☐ W-SUC-AA-R ☐ W-UHERB-AA ☐ W-AHERB-AA	 BLANK_03062018			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R				
		☐ Other			

Notes:

LAUNCH: Tavares Recreational Park or Lake Eustis Marina (both public): 28.81232406 x -81.74690841

Bottle Group ~~A~~ B A & B (Dup/Blank)

Place Label Here

WIN ID / FIELD ID:

WIN STATION NAME (WBID):

Signature: [Signature]

Date: 3-6-18

Enter Field Parameters, Verify Station ID In LIMS DMT: vmw 3/13/18 QC Station ID, Field Parameters In LIMS DMT: _____

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Requester: Michael Linger

Field Report Prepared By: Terry Rorden

Project ID: SMP

Collected By: Terry Rorden / Leif Boman

Sampling Agency: 21 FLS&EN

Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Dead River @ 100m from Lake Harris (2817C)		Date 3/6/18	Time 1214	Date	Time	(See pg 2)
WIN/STORE			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 9.20 mg/L % sat		A
Latitude	dd dms Longitude		Temp (C) 20.89	pH 8.16	Sample Depth 0.3	Sp. Conductance (umho/cm) 285	
Salinity (ppt)	0.14		Comments				
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Dead River @ Power Lines (2817C)		Date 3/6/18	Time 1221	Date	Time	A
WIN/STORE			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 8.24 mg/L % sat		
Latitude	dd dms Longitude		Temp (C) 21.04	pH 7.96	Sample Depth 0.3	Sp. Conductance (umho/cm) 283	
Salinity (ppt)	0.13		Comments				
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Dead River @ Power Lines (2817C)		Date 3/6/18	Time 1223	Date	Time	B
WIN/STORE			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen mg/L % sat		
Latitude	dd dms Longitude		Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)	
Salinity (ppt)			Comments				
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)
Field ID	Dead River @ 50m S of US441 (2817C)		Date 3/6/18	Time 1237	Date	Time	A
WIN/STORE			Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen 7.93 mg/L % sat		
Latitude	dd dms Longitude		Temp (C) 20.74	pH 7.80	Sample Depth 0.3	Sp. Conductance (umho/cm) 283	
Salinity (ppt)	0.13		Comments				

Relinquished By: Terry Rorden

Date/Time 3/6/18 1430

Shipping Method FedEx

Number of Coolers Shipped: 2

Received By: [Signature]

Date/Time 03-07-18 1445

Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	CHLSUITE-W						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	4
	W-ICP						
	W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	4
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
	ALKALINITY						
	TURBIDITY						
	W-CL-IC						
	W-COLOR						
	W-F						
	W-SO4-IC						
	W-TDS						
	W-TSS						
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	2
	W-ICP						
	W-ICPMS						

Dead River X4 + D&B

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Collected By:

Field Report Prepared By:

Sampling Agency:

[illegible]

Relinquished By: Terry Riordan	Date/Time 3/6/18 1430	Shipping Method FedEx	Number of Coolers Shipped: 2	Received By: 	Date/Time 030718 JF
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Enter Number of Bottles Sent to Lab X See previous subm. Hal

Group: A	Bottle Type:	P-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: A	Bottle Type:	BP-1L	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	CHLSUITE-W					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: A	Bottle Type:	P-125ML	# of Bottles: 4	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab
	ALKALINITY					
	TURBIDITY					
	W-CL-IC					
	W-COLOR					
	W-F					
	W-SO4-IC					
	W-TDS					
	W-TSS					
Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative:	HNO3	Enter Number of Bottles Sent to Lab
	W-ICP					
	W-ICPMS					

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	2
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	2
	W-PO4-F					

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-NH3					
	W-NO2NO3					
	W-S-A-TP					
	W-TKN					
	W-TOC					
Group: B	Bottle Type:	P-125ML	# of Bottles: 2	Preservative: FILTER+ICE	Enter Number of Bottles Sent to Lab	<u>2</u>
	W-PO4-F					