



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

Data Qualified?

Yes / No

WIN Station Name: Dead River @ Power Lines (2817C)

Date: 2/1/2018

WIN ID/ Field ID G1CE0056

WBID: 2817C

Latitude: 28.81299739

(mm/dd/yyyy)

County: Lake

ORG ID: 21FLCEN

Longitude: -81.76627258

(Decimal Degrees)

Receiving Body of Water: LAKE EUSTIS

RQ - 2018-01-29-56

(Decimal Degrees)

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection
TERRY RIORDAN			✓		✓	✓		
KATIE WILLIAMS		✓		✓				

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

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

Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded	Meter ID# <u>BETTY/67</u>	Matrix: <u>Fresh</u> Marine / DI
Photos: Yes <u>No</u>	Flow: No Flow / Intertidal / <u>Flowing</u> / NA	Tide: Rising/ Falling/ Slack/ <u>NA</u>
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>	<u>1039</u>	<u>1.8</u>	<u>0.3</u>	<u>0.9</u>	<u>9.92</u>	<u>99.0</u>	<u>7.92</u>	<u>0.13</u>	<u>267</u>	<u>15.14</u>
CEN			<u>1.3</u>		<u>9.75</u>	<u>96.8</u>	<u>7.90</u>	<u>0.13</u>	<u>267</u>	<u>14.96</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	SA7275010	10/02/18	☐ <2
Metals	☒ W-ICPMS ☒ W-JCP	☒ Ice ☒ HNO3	WA7226050	8/14/18	☒ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice	9743729		
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☒ Alkalinity W-F / W-TSS / TURBIDITY / W-CH-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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

QA/QC Sample Information Duplicate

Time Zone: EST CEN Time: 1040 Field ID: G1CE0056DUP (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	SA7275010	10/02/18	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA7241120	9/16/18	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice	9743729	Place Preservative Sticker(s) Here (If Available)	
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			
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-AHERB-AA ☐ W-PYR-AA-R ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Blank

Time Zone: EST CEN Time: 1045 1120 Field ID: BLANK 04022018 02012018 2K
DI Source: WASH ROOM Location: DEAD RIVER (BLANK-BDMMHATT) M.M.PPYYYY
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank Equipment ID: _____

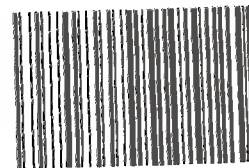
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Chec
Preserved Nutrients	☒ W-NH3 / ☒ W-NO2NO3 / ☒ W-TKN / ☒ W-TOC / ☒ W-S-A-TP	☒ Ice ☒ H ₂ SO ₄	SA7275010	10/02/18	☐ <2
Metals	☒ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	NA7241120	9/16/18	☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☐ Ice	9743729	Place Preservative Sticker(s) Here (If Available)	
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			
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-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

WIN ID / Field ID →

Dead River @ Power Lines
(2817C)



G1CE0056

Signature: K. Williams

Date: 2/1/18

Enter Field Parameters, Verify Station ID In LIMS DMT: Kmw 2/2/18 (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: _____ (Initials/Date)
Scan/Save Field Sheets _____ Migrate Data to WIN: _____ Verify Data In WIN: _____

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 3, 2018

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Kate Williams

Collected By: Terry Jordan

Sampling Agency: 21FREN

Location	WIN ID / Field ID →		Collection (comp begin or grab)		Eastern Composite end		Bottle Group(s)
Field ID	Dead River @ 150m from Lake Eustis (2817C)		Comp	Date	Time	mg/L	(See pg 2)
WIN/STORE			Grab			% sat	
Latitude	dd	Longitude	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	
	dd	dms			9.18	(mg/L)	A
			Temp (C)	14.98	pH	7.80	
			Salinity (ppt)	0.13	Sample Depth	0.3	
			Comments				
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Eastern Composite end		Bottle Group(s)
Field ID	Dead River @ 50m S of US441 (2817C)		Comp	Date	Time	mg/L	
WIN/STORE			Grab			% sat	
Latitude	dd	Longitude	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	
	dd	dms			9.89	(mg/L)	A
			Temp (C)	15.02	pH	7.91	
			Salinity (ppt)	0.13	Sample Depth	0.3	
			Comments				
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Eastern Composite end		Bottle Group(s)
Field ID	Dead River @ Power Lines (2817C)		Comp	Date	Time	mg/L	
WIN/STORE			Grab			% sat	
Latitude	dd	Longitude	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	
	dd	dms			9.92	(mg/L)	A
			Temp (C)	15.14	pH	7.92	
			Salinity (ppt)	0.13	Sample Depth	0.3	
			Comments				
Location	WIN ID / Field ID →		Collection (comp begin or grab)		Eastern Composite end		Bottle Group(s)
Field ID	Dead River @ Power Lines (2817C) DUPLICATE		Comp	Date	Time	mg/L	
WIN/STORE			Grab			% sat	
Latitude	dd	Longitude	Matrix (type, e.g., Salt, Fresh, etc)		Diss. Oxygen	Total Res. Chlorine	
	dd	dms			10.40	(mg/L)	B
			Temp (C)				
			Salinity (ppt)				
			Comments				

Relinquished By: KMW	Date/Time: 2/1/18 1000	Shipping Method: FedEx	Number of Coolers Shipped: 2	Received By: SP	Date/Time: 2-2-18/10:18
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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						

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				2
	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
	W-PO4-F				2

Florida Department of Environmental Protection
Central Laboratory Submittal Form

Customer: CEN-DIST

Project ID: SMP

Requester: Michael Linger

Field Report Prepared By: Katie WilliamsCollected By: Tony Jordan

Sampling Agency:

Location	WIN ID / Field ID →	Collection (comp begin or grab)	Time	Composite end	Bottle Group(s)
Field ID		Matrix (type, e.g., Salt, Fresh, etc)		mg/L Total Res. Chlorine	(See pg 2)
WIN/STORET				% sat	
Latitude	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Longitude	dd dms	Salinity (ppt)	Comments		
Location		Comp Grab	Collection Date	Time	Composite end
Field ID		Matrix (type, e.g., Salt, Fresh, etc)			mg/L Total Res. Chlorine
WIN/STORET					% sat
Latitude	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Longitude	dd dms	Salinity (ppt)	Comments		
Location		Comp Grab	Collection Date	Time	Composite end
Field ID		Matrix (type, e.g., Salt, Fresh, etc)			mg/L Total Res. Chlorine
WIN/STORET					% sat
Latitude	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Longitude	dd dms	Salinity (ppt)	Comments		
Location		Comp Grab	Collection Date	Time	Composite end
Field ID		Matrix (type, e.g., Salt, Fresh, etc)			mg/L Total Res. Chlorine
WIN/STORET					% sat
Latitude	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Longitude	dd dms	Salinity (ppt)	Comments		
Location		Comp Grab	Collection Date	Time	Composite end
Field ID		Matrix (type, e.g., Salt, Fresh, etc)			mg/L Total Res. Chlorine
WIN/STORET					% sat
Latitude	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Longitude	dd dms	Salinity (ppt)	Comments		
Location		Comp Grab	Collection Date	Time	Composite end
Field ID		Matrix (type, e.g., Salt, Fresh, etc)			mg/L Total Res. Chlorine
WIN/STORET					% sat
Latitude	dd dms	Temp (C)	pH	Sample Depth	Sp. Conductance (umho/cm)
Longitude	dd dms	Salinity (ppt)	Comments		

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
KMW	2/1/18 1000	FedEx	2	<u>[Signature]</u>	2-2-18 10:18

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						

Group: B	Bottle Type:	P-500ML	# of Bottles: 2	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab
	W-NH3				2
	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
	W-PO4-F				2