



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Lake Vedra at Solana Rd.

Date: 1/10/19
(mm/dd/yyyy)

WIN/ Field ID: 27010180

WBID: 2320B1

Latitude: 30.22757

(Decimal Degrees)

County: St. Johns

ORG ID: 21 FLA

Longitude: -81.37712

(Decimal Degrees)

Receiving Body of Water: Guana River

RQ-2019-01-07-42

Sampling Team Members						Sampling Equipment								
<u>B Davis</u> <u>A Kelnbacher</u>						☒ WQ Measurements	☒ Sample Collection	☒ Documentation	☒ Preservation	☒ Preservation Check	☒ Sample Container ☐ Carboy ☐ Dipper Depth Measured with <u>MOE</u> Equipment ID <u>44603</u>	☐ Van Dorn ☐ Syringe ☐ Other ☒ Pole		
											Collection Method			
											☐ Wading ☒ From Shore ☐ Other		☐ Canoe/Kayak ☐ Electric Motor ☐ Gasoline Motor	
Water Level: <u>Dry</u> / Pooled / Low / Normal / High / Flooded						Meter ID# <u>MOE</u>					Matrix: <u>Fresh</u> / Marine / DI			
Photos: Yes / <u>No</u>						Flow: <u>No Flow</u> / Intestinal / Flowing / NA					Tide: <u>Rising</u> / Falling / Slack / NA		Tide Times: High <u>Low</u>	
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°)				
EST	<u>9:15</u>	<u>0.3</u>	<u>0.25</u>	<u>10.3</u>	<u>10.38</u>	<u>104.6</u>	<u>8.18</u>	<u>0.43</u>	<u>860</u>	<u>15.5</u>				
CEN														
Biological Samples Collected: <u>None</u> 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>8A8274050</u>		<u>10/1/19</u> ☒ <2		
Metals				☐ W-ICPMS ☐ W-ICP				☒ Ice ☒ HNO3		<u>NA8099110</u>		<u>4/9/19</u> ☒ <2		
Filtered Nutrients				☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter				☒ Ice		<u>SAD79245</u>				
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-BR-IC / 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-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD				☐ Ice						
Tracers				☐ W-E8321-DI ☐ W-E8321-MS				☐ Ice						
Pesticides				☐ W-PSNP-TQ ☐ W-CT-CL-R ☐ W-E8321-DI ☐ W-PCL-SQ-R ☐ WE8321-MS ☐ W-CARB-AA				☐ Ice						
Phytoplankton				☐ DTY-QN-C ☐ PKD-QN-C				☐ Ice						

Contains: 1:1 H2SO4
Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

Contains
1:1
Nitric Acid
NA-8099110
EXP: 04/09/19
See SDS

Contains: 1:1 H2SO4
Lot No.: SA8274050
Expires: 10/01/19
See Safety Data Sheet (SDS)

Notes:

WIN ID/Field ID:



27010180

LAKE VEDRA AT SOLANA RD.

Signature: B Davis

Date: 1/10/19

LIMS EVENT ID: 2019-01-11-02

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT:

QC Station ID, Field Parameters in LIMS DMT:

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

QA/QC Sample Information

Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>1120</u>		Field ID: <u>27010060 DUP</u>	
(WIN_ID_DUP)					
WIN DMT Activity ID:					
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	<u>SAB197090</u>	<u>7/16/19</u>	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>SAB197090</u>		
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-BR-IC / W-F / W-TSS / TURBIDITY	☐ Ice			
Microbiology	☒ E Coli ☐ F Coli ☐ Enterococci	☒ Ice			
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD	☐ Ice			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CAR8-AA	☐ Ice			

Blank

Time Zone: <u>EST</u> CEN		Time: <u>925</u>		Field ID: <u>FB 01102019</u>	
DI Source: <u>IVE DI</u>		(Blank Type_DDDMMYYYY)			
Location: <u>Lake Vedra at Solana Rd.</u>		Equipment ID: <u>064603</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank					

WIN DMT Blank Batch ID:

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	<u>SAB274050</u>	<u>10/1/19</u>	☒ < 2
Metals	☐ W-ICPMS ☒ W-ICP	☒ Ice ☒ HNO ₃	<u>NAB197080</u>	<u>7/16/19</u>	☒ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice	<u>SAB197080</u>		
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			
Tracers	☐ W-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-MS ☐ W-CAR8-AA	☐ Other			

Notes:

Field ID:

Location: CRACKER BRANCH @ CR 204

WIN ID:

27010060

Location:

LAKE VEDRA AT SOLANA RD.

FIELD ID:

FB 01102019

Signature:

Date:

LIMS EVENT ID: 2019-01-11-02

WIN Import ID:

Enter Field Parameters, Verify Station ID in LIMS DMT: BP 1/14/19QC Station ID, Field Parameters in LIMS DMT: BP 1/14/19Scan/Save Field Sheets: BP 1/14/19

Migrate Data to WIN:

Verify Data in WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

UEC

Customer: NE-DIST

Project ID: SMP

Requester: Jeremy M. Parrish

Field Report Prepared By: B DavisCollected By: B Davis, A KelnbscherSampling Agency: DEARVED

WIN ID/Field ID:



27010180

LAKE VEDRA AT SOLANA RD.

Latitude

☐ dd Longitude
☐ dms

WIN ID/Field ID:



27010050

MOSES CREEK @ US1

Latitude

☐ dd Longitude
☐ dms

WIN ID/Field ID:



27010060

CRACKER BRANCH @ CR 204

Latitude

☐ dd Longitude
☐ dms

WIN ID/Field ID:



G5NE0026

Palm Coast Canal 0.6mi down from road

Latitude

☐ dd Longitude
☐ dms

☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/10/19</u> Time <u>915</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s) (See pg 2)
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>10.38</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) <u>15.5</u>	pH <u>8.18</u>	Sample Depth <u>0.25</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>860</u>
☐ dd ☐ dms	Salinity (ppt) <u>0.43</u>	Comments		
☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/10/19</u> Time <u>1040</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.49</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) <u>11.9</u>	pH <u>6.82</u>	Sample Depth <u>0.25</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>1952</u>
☐ dd ☐ dms	Salinity (ppt) <u>0.09</u>	Comments		
☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/10/19</u> Time <u>1110</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>7.21</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) <u>12.76</u>	pH <u>6.25</u>	Sample Depth <u>0.3</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>147</u>
☐ dd ☐ dms	Salinity (ppt) <u>0.07</u>	Comments		
☐ Comp ☒ Grab	Collection (comp begin or grab) Date <u>1/10/19</u> Time <u>1240</u>	<u>Eastern</u> Central	Composite end Date _____ Time _____	Bottle Group(s)
Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen <u>5.87</u>	☐ mg/L ☐ % sat	Total Res. Chlorine (mg/L)
Temp (C) <u>15.8</u>	pH <u>6.87</u>	Sample Depth <u>0.2</u>	☐ ft ☒ m	Sp. Conductance (umho/cm) <u>256.9</u>
☐ dd ☐ dms	Salinity (ppt) <u>0.12</u>	Comments		

Relinquished By:

B Davis

Date/Time

1/10/19

Shipping Method

FedEx

Number of Coolers Shipped:

2

Received By:

Date/Time

1500

Group: A	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						
Group: A	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1 re ALS
	NE-ALS-ECQ						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab	1
	W-ICP W-ICPMS						
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
	W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC						
Group: A	Bottle Type:	P-125ML	# of Bottles: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab	1
	W-PO4-F						
Group: B	Bottle Type:	P-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS						

Florida Department of Environmental Protection

Central Laboratory Submittal Form

UEC

Customer: NE-DIST

Requester: Jeremy M. Parrish

Field Report Prepared By: _____

Project ID: SMP

Collected By: _____

Sampling Agency: _____

Field ID: 		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>1/10/19</u> Time <u>1120</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s) (See pg 2)	
Location: CRACKER BRANCH @ CR 204		Matrix (type, e.g., Salt, Fresh, etc) <u>Fresh</u>		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		C	
WIN ID: 		Temp (C)		pH		Sample Depth ☐ ft ☐ m		Sp. Conductance (umho/cm)			
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Salinity (ppt) ☐ dd ☐ dms		Comments					
Location: LAKE VEDRA AT SOLANA RD.		☐ Comp ☒ Grab		Collection (comp begin or grab) Date <u>1/10/19</u> Time <u>925</u>		☒ Eastern ☐ Central		Composite end Date _____ Time _____		Bottle Group(s)	
FIELD ID: 		Matrix (type, e.g., Salt, Fresh, etc) <u>D.I. water</u>		Diss. Oxygen		☐ mg/L ☐ % sat		Total Res. Chlorine (mg/L)		D	
Latitude ☐ dd ☐ dms		Longitude ☐ dd ☐ dms		Temp (C)		pH		Sample Depth ☐ ft ☐ m			
Salinity (ppt) ☐ dd ☐ dms		Comments									

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

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

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

Relinquished By:	Date/Time	Shipping Method	Number of Coolers Shipped:	Received By:	Date/Time
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Group: A	Bottle Type:	P-1L	# of Bottles: 1	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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	CHLSUITE-W					
Group: A	Bottle Type:	P-250ML-WI-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab _____
	NE-ALS-ECQ					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	HNO3	Enter Number of Bottles Sent to Lab _____
	W-ICP					
	W-ICPMS					
Group: A	Bottle Type:	P-500ML	# of Bottles: 1	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: 1	Preservative:	FILTER-ICE	Enter Number of Bottles Sent to Lab _____
	W-PO4-F					
Group: B	Bottle Type:	P-1L	# of Bottles: 1	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: CHLSUITE-W	BP-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: W-ICP W-ICPMS	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>1</u>
Group: B	Bottle Type: W-PO4-F	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>1</u>
Group: C	Bottle Type: ALKALINITY TURBIDITY W-CL-IC W-COLOR W-F W-SO4-IC W-TDS W-TSS	P-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: C	Bottle Type: CHLSUITE-W	BP-1L	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3</u>
Group: C	Bottle Type: NE-ALS-ECQ	P-250ML-WI-THI	# of Bottles: 3	Preservative: ICE	Enter Number of Bottles Sent to Lab <u>3 to ALS</u>
Group: C	Bottle Type: W-NH3 W-NO2NO3 W-S-A-TP W-TKN W-TOC	P-500ML	# of Bottles: 3	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab <u>3</u>
Group: C	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab <u>3</u>

Group: C	Bottle Type:	P-125ML	# of Bottles: 3	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	3
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W-PO4-F

Group: D	Bottle Type:	P-1L	# of Bottles: 1	Preservative: ICE	Enter Number of Bottles Sent to Lab	1
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ALKALINITY
TURBIDITY
W-CL-IC
W-COLOR
W-F
W-SO4-IC
W-TDS
W-TSS

Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: HNO3	Enter Number of Bottles Sent to Lab	1
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W-ICP
W-ICPMS

Group: D	Bottle Type:	P-500ML	# of Bottles: 1	Preservative: ICE And H2SO4	Enter Number of Bottles Sent to Lab	1
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W-NH3
W-NO2NO3
W-S-A-TP
W-TKN
W-TOC

Group: D	Bottle Type:	P-125ML	# of Bottles: 1	Preservative: FILTER-ICE	Enter Number of Bottles Sent to Lab	1
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W-PO4-F

[illegible]