



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: Sandy Creek Upstream Boat Ramp Date: 06/13/2019
(mm/dd/yyyy)

WIN ID/ Field ID: G3TLHR0037 WBID: 1111 Latitude: 30.1145
(Decimal Degrees)

County: Bay ORG ID: _____ Longitude: -85.4172
(Decimal Degrees)

Receiving Body of Water: East Bay/Gulf of Mexico RQ: 2019-06-17-35

Sampling Team Members		WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Duplicate Collection	Blank Collection	Sampling Equipment		
J. Burtchett		☒	☒	☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole
P. Blair		☒	☒	☒	☒	☒	☒	☒	☐ Carboy	☒ Syringe	
									☐ Dipper	☐ Other	
Water Level: Dry/ Pooled/ Low/ <u>Normal</u> / High/ Flooded									Depth Measured with: _____		
Meter ID# <u>153484</u>									Equipment ID: _____		
Matrix: <u>Fresh</u> / Marine / DI											
Photos: Yes <u>No</u>											
Flow: No Flow / Intertidal <u>Flowing</u> / NA											
Tides: Rising/ Falling <u>Slack</u> / 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°)
EST	1107	2.0	0.3	0.5	4.86	58.9	3.96	0.01	32.6	25.1
CEN	1110		1.5		4.84	58.7	3.79	0.01	33.3	25.1

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	9129100	5/9/20	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-CI-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-E3821-MS ☐ W-E3821-DI	☐ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-MS ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E3821-DI ☐ W-CARB-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C	☐ Ice			

QA/QC Sample Information

Duplicate

Time Zone: <u>EST</u> CEN		Time: <u>1110</u>		Field ID: <u>G3TLHR0037_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	9129100	5/9/20	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHL-SUITE-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	☒	Field ID →  G3TLHR0037_DUP		
Molecular	☐ PCR-FILTER ☐ PCR-BacR ☐ PCR-GULL2 ☐ PCR-HF183 ☐ PCR-DG3 ☐ PCR-GFD		Location → Sandy Creek Upstream of Boat Ramp		
Tracers	☐ W-E3821-MS ☐ W-E3821-DI		WIN ID →  G3TLHR0037		
Pesticides	☐ W-PSNP-TQ ☐ W-E3821-DI ☐ W-CT-CL-R ☐ W-PCL-SQ-R ☐ W-E-3821-MS ☐ W-CARB-AA				

Blank

Time Zone: EST CEN		Time: <u>1245</u>		Field ID: <u>FB-06132019</u> (Blank Type_DDMYYYYY)	
DI Source: <u>C-110-E</u>		Location: <u>"</u>			
☒ Field Blank ☐ Equipment Blank ☐ Field Cleaned Equipment Blank		Equipment ID: _____			
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	9129100	5/9/20	☒ < 2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₃			☐ < 2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ 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			
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-CARB-AA	☐ Other			
Microbiology	☒ E.coli ☐ F. Coliform ☐ Entrococci	☒			
Notes:					
Location → Sandy creek Upstream Boat Ramp					
Field ID →  FB-06132019					
Signature: <u>[Signature]</u>				Date: <u>06/13/19</u>	

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ (Initials/Date) QC Station ID, Field Parameters In LIMS DMT: _____ (Initials/Date)

Scan/Save Field Sheets _____ (Initials/Date) Migrate Data to WIN: _____ (Initials/Date) Verify Data In WIN: _____ (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / ☒ No

WIN Station Name: Little Sandy Creek @ Mouth

Date: 06/13/2019
(mm/dd/yyyy)

WIN/ Field ID: G3TLHR0039

WBID: 1155

Latitude: 30.094

County: Bay

ORG ID: 21FTLHR

Longitude: -85.4157
(Decimal Degrees)

Receiving Body of Water: Sandy Creek

RQ: 2019-06-17-35
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
S. B. Stachurski					☒	☒	☒	☒	☒
P. B. Lewis					☒	☒	☒	☒	☒

Sampling Equipment		
☒ Sample Container	☐ Van Dorn	☐ Pole
☐ Carboy	☒ Syringe	
☐ Dipper	☐ Other	

Depth Measured with Equipment ID _____

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

Water Level: Dry/ Pooled/ Low Normal / High / Flooded
Photos: Yes / ☒ No
Flow: No Flow / Intestinal / Flowing / NA
Meter ID# 153484
Tide: Rising/ Falling/ Slack/ NA
Matrix: Fresh / Marine / DI
Tide Times: High / Low

Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)
EST	1140	2.3	0.3	0.6	4.35	54.3	4.08	0.02	42.2	26.6
CEN	1143		1.8		4.30	53.5	4.04	0.02	43.7	26.6

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	912900	5/9/20	<2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			<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-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-CAR8-AA	☐ Ice			
Phytoplankton	☐ DTY-QN-C ☐ PKD-QN-C				

Notes:

Field/WIN ID → G3TLHR0039
Location ↓ LITTLE SANDY CREEK @ MOUTH

Signature: [Signature] Date: 06/13/19

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



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name: **Eagle Nest Bayou @ Mouth**

Date: **06/13/2019**
(mm/dd/yyyy)

WIN/ Field ID: **G3TLHR0041**

WBID: **1209**

Latitude: **30.0537**

County: **Bay**

ORG ID: **21FLTLHR**

Longitude: **-85.4027**
(Decimal Degrees)

Receiving Body of Water: **East Bay (Gulf of Mexico)**

RQ: **2019-06-17-35**
(Decimal Degrees)

Sampling Team Members					WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment				
J. Butcher P. S. 16.5					☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole		
										☐ Carboy	☐ Syringe	☐ Other		
										Depth Measured with 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# 153489					Matrix: <u>Fresh</u> / Marine / DI				
Photos: Yes <u>No</u>					Flow: No Flow / Intertidal / <u>Flowing</u> / NA					Tide: Rising/ Falling/ <u>Slack</u> / NA				
Tide Times: High Low														
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)				
EST	1158	1.4	0.3	0.7	4.83	62.0	5.73	0.84	1620	27.9				
CEN														

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	9129ko	5/9/20	☐ <2
Metals	☒ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <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-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			

Notes:

Field/WIN ID → **G3TLHR0041**

Location ↓ **EAGLE NEST BAYOU @ MOUTH**

Signature: *[Signature]* Date: **6/13/19**

LIMS EVENT ID: _____ WIN Import ID: _____

Enter Field Parameters, Verify Station ID In LIMS DMT: _____ QC Station ID, Field Parameters In LIMS DMT: _____

Scan/Save Field Sheets (Initials/Date) _____ Migrate Data to WIN: (Initials/Date) _____ Verify Data In WIN: (Initials/Date) _____



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2019

Data Qualified?

Yes / No

WIN Station Name:

Mule Creek @ Mouth

Date:

06/13/2019

(mm/dd/yyyy)

WIN/ Field ID:

G3TLHR0038

WBID:

1162

Latitude:

30.1137

County:

Bay

ORG ID:

21FTLHR

Longitude:

-85.4204

(Decimal Degrees)

Receiving Body of Water:

Sandy Creek

RQ-2019-06-17-35

(Decimal Degrees)

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check	Sampling Equipment			
J. Butcher P. Blair				☒	☒	☒	☒	☒	☒ Sample Container	☐ Van Dorn	☐ Pole	
									☐ Carboy	☒ Syringe	☐ Other	
									☐ Dipper	☐ Other		
									Depth Measured with 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# 153984				Matrix: <u>Fresh</u> Marine / DI				
Photos: Yes / <u>No</u>				Flow: No Flow / Intertidal / <u>Flowing</u> / NA				Tide: Rising/ Falling/ <u>Slack</u> / NA				
Tide Times: High Low												
Time Zone	Time	Total Depth (m)	Sample Depth (m)	Secchi Disk (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (PPT)	Sp COND (umhos/cm)	Temp. (C°)		
EST	1125	1.4	0.3	0.8	4.65	58.1	5.36	0.02	44.8	24.4		
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	9129100	5/9/20	<2				
Metals	☐ W-ICPMS ☐ W-ICP				☐ Ice ☐ HNO3			<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-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											

Notes:

Field/WIN ID →

Location ↓



G3TLHR0038



MULE CREEK @ MOUTH

Signature:

[Signature]

Date:

06/13/19

LIMS EVENT ID:

WIN Import ID:

Enter Field Parameters, Verify Station ID In LIMS DMT:

QC Station ID, Field Parameters In LIMS DMT:

(Initials/Date)

(Initials/Date)

Scan/Save Field Sheets

Migrate Data to WIN:

Verify Data In WIN:

(Initials/Date)

(Initials/Date)

(Initials/Date)

Florida Department of Environmental Protection
Central Laboratory Submittal Form

last revised Jan 25, 2018

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By: P. Blais

Field Report Prepared By: J. Burtch

Sampling Agency: 8034

Location		Field/WIN ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STOR	Matrix (type, e.g., Salt, Fresh, etc)	Time	Eastern	Central	Date	Time	mg/L Total Res. Chlorine	
Latitude	Longitude	Temp (C)	pH	ft	ft	ft	ft	% sat	
dd	dms	dd	dms	dd	dms	dd	dms	umho/cm	
Location		Sandy creek Upstream Boat Ramp		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STOR	Matrix (type, e.g., Salt, Fresh, etc)	Time	Eastern	Central	Date	Time	mg/L Total Res. Chlorine	
Latitude	Longitude	Temp (C)	pH	ft	ft	ft	ft	% sat	
dd	dms	dd	dms	dd	dms	dd	dms	umho/cm	
Location		Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STOR	Matrix (type, e.g., Salt, Fresh, etc)	Time	Eastern	Central	Date	Time	mg/L Total Res. Chlorine	
Latitude	Longitude	Temp (C)	pH	ft	ft	ft	ft	% sat	
dd	dms	dd	dms	dd	dms	dd	dms	umho/cm	
Location		Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STOR	Matrix (type, e.g., Salt, Fresh, etc)	Time	Eastern	Central	Date	Time	mg/L Total Res. Chlorine	
Latitude	Longitude	Temp (C)	pH	ft	ft	ft	ft	% sat	
dd	dms	dd	dms	dd	dms	dd	dms	umho/cm	
Location		Field ID →		Collection (comp begin or grab)		Composite end		Bottle Group(s)	
Field ID	WIN/STOR	Matrix (type, e.g., Salt, Fresh, etc)	Time	Eastern	Central	Date	Time	mg/L Total Res. Chlorine	
Latitude	Longitude	Temp (C)	pH	ft	ft	ft	ft	% sat	
dd	dms	dd	dms	dd	dms	dd	dms	umho/cm	

Relinquished By: SB13	Date/Time: 6/13/19 1450	Shipping Method: HP	Number of Coolers Shipped: 1	Received By: [Signature]	Date/Time: 6-13-19/2:52
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Group: A	Bottle Type:	P-1L	# of Bottles: 4	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: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	CHLSUITE-W						
Group: A	Bottle Type:	P-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
	ECOLI-18QT						
Group: A	Bottle Type:	P-500ML	# of Bottles: 4	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: 4	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	
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ENT-24-QT						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	FCOLI-MF						

9/29/00
5/9/20

Customer: TLH-ROC

Project ID: SMP

Requester: Michael Eckles

Collected By:

Requester: Michael Eckles

J. Butcher P. Blais

Field Report Prepared By:

Sampling Agency:

[illegible]

Relinquished By:

Date/Time

Shipping Method

Date/Time	6/13/19:1450	Shipping Method	CH
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Number of Coolers Shipped:

Received By:

Date/Time

6-13-19/2.52

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-250ML-WO-THI	# of Bottles: 4	Preservative:	ICE	Enter Number of Bottles Sent to Lab	4
	ECOLI-18QT						
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: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ALKALINITY						
	TURBIDITY						
	W-BR-IC						
	W-F						
	W-TSS						
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	CHLSUITE-W						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	ENT-24-QT						
Group: B	Bottle Type:	P-250ML-WO-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	
	FCOLI-MF						

9129100
5/9/20

CALIBRATION AND VERIFICATION LOG (FDEP SOP FT 1000-FT 1500, FD 1000-FD 4000)

Boldly "X" this box if there are qualified data on this page.

Meter ID: 153484

RQ:

Project: SMP2019

Notes: (1) Always wait for meter to stabilize before recording any readings.

(2) Report all digits displayed. Do not round before reporting measurements. (See special instructions for depth).

(3) For Calibrations, record calibrated meter reading. Do not record initial meter reading before calibration.

Temperature (Quarterly) FT 1400

Date of Last Temperature Verification

DO DEP SOP FT 1500	Name	Date	Time CT-ET	Temp °C	Baro-meter mmHg	D.O. Chart mg/L	Meter D.O. mg/L	% DO	Probe Charge	Probe Gain	Pass / Fail	Lab / Field
Calibr.	J. Burchett	6/13/19	750	19.3	756.2	9.2	9.17	99.5	-	1.04	P/F	P/F
ICV	"	↓	800	19.0	756.4	9.2	9.20	99.1	-	-	P/F	P/F
CCV			1502	21.9	757.1	8.7	8.80	100.7	-	-	P/F	P/F
CCV											P/F	L/F

DO Acceptance criteria from Table ± 0.3 mg/L.

Rapid-Pulse Sensors: DO Gain Range 0.7 to 1.4; DO Charge Range 25-75.

Optical: DO gain range 0.85 to 1.15 (Pro DSS 0.75 to 1.50); DO charge N/A. Steady-state & Galvanic Sensors: DO Gain & Charge N/A.

Spec. Cond. FT 1200	Name	Date	Time CT-ET	Lot #	Expir. Date	Standard µmhos/cm	Meter Reading µmhos/cm	Pass / Fail	Lab / Field
Calibr.	J. Burchett	6/13/19	752	180621	07/19	1000	1000	P/F	P/F
ICV	"	↓	802	280884	07/20	100	101	P/F	P/F
CCV			1504	280884	07/20	100	102	P/F	P/F
CCV			1506	180927	10/19	10000	10026	P/F	P/F

Conductivity Acceptance criteria ± 5%

pH DEP SOP FT 1100	Name	Date	Time CT-ET	Lot #	Expir. Date	pH Buffer SU	Temp °C	Meter reading SU	mV	Pass / Fail	Lab / Field
Calibr.	J. Burchett	6/13/19	754	180621	01/20	7.01	20.3	7.02	-45.4	P/F	P/F
Calibr.	"	↓	756	190405	10/20	4.01	19.8	4.00	136.9	P/F	P/F
Calibr.	"	↓	758	180621	01/20	10.08	19.3	10.07	-208.8	P/F	P/F
ICV	"	↓	804	180621	01/20	10.08	19.3	10.01	-208.0	P/F	P/F
CCV			1508	190405	10/20		20.8	1.29	-253.0	P/F	P/F
CCV										P/F	L/F

pH Acceptance criteria ± 0.2 SU; mV pH 7 Range 0 ± 50;

mV pH 4 Range +180 ± 50;

mV pH 10 Range -180 ± 50;

If mV are recorded: slope from 7 to 10 163.4, slope from 4 to 7 182.3 (both must be between 165 and 180 mV)

Does meter have a depth sensor that will be used to measure total depth & sample depth? YES / NO / NA (not surf. water project)

If YES, complete daily Calibr. & ICV below and list date of last quarterly depth verification: 4/1/19

If NO, what will be used? (circle one) Secchi Disk Line / Sonar Unique ID: ; Date of last verification:

Depth Sensor (Daily Calibration & ICV)	Name	Date	Time CT-ET	Calibrated Value (0.00 or Offset), meters	ICV Value, meters	Pass / Fail	Lab / Field
Pressure mode in air	J. Burchett	6/13/19	747	0.000	0.000	P/F	P/F

Report two decimal places. Round numbers ≤ 4 down, ≥ 5 up. ICV acceptance criteria ± 5 % or ± 0.05m, whichever is greater.

COMMENTS:

