



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
STRATEGIC MONITORING PROGRAM FIELD SHEET

January 2018

B-KIT

Data Qualified?

Yes ☐ No ☒

WIN Station Name: G2SW0020

Date: 9/16/18
(mm/dd/yyyy)

WIN/ Field ID: HILLS R @ LOWERY PARK

WBID: 1443E

Latitude:

(Decimal Degrees)

County: HILLSBOROUGH

ORG ID: 21FLTPA

Longitude:

(Decimal Degrees)

Receiving Body of Water: TAMPA BAY

RQ-2018-09-03-31

Sampling Team Members						WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
MATTHEW BEARDEN						X	X			
DYLAN HORNING							X	X	X	

Sampling Equipment									
☒ Sample Container	☐ Van Dorn	☐ Pole							
☐ Carboy	☐ Syringe								
☐ Dipper	☐ Other								
Depth Measured with <u>SECH</u>									
Equipment ID <u>#3</u>									
Collection Method									
☐ Wading	☐ Canoe/Kayak								
☐ From Shore	☐ Electric Motor								
☐ Other	☒ Gasoline Motor								

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

Meter ID# LE1A Matrix: Fresh / Marine / DI

Photos: Yes / No Flow: No Flow / Intestinal / Flowing / NA Tide: Rising / Falling / Slack / NA Tide Times: High PH / Low

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	0920	2.2	0.3	0.7	5.99	75.3	5.99	0.16	338.7	27.0
CEN	0925		1.7		5.93	74.5	6.07	0.17	363	27.0

Biological Samples Collected: None HA SCI RPS Algae ID LVS LVI Other:

SBIO ID Numbers: SBIO-ID: HA-ID: RPS-ID: Macrophyte-ID: LIMS#:

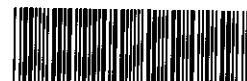
Parameter Suite	Parameter Methods	Preservation	Lot#	Expiration	pH Check
Preserved Nutrients	☒ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☒ Ice ☒ H2SO4	SA8085170	03/26/19	☒ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO3			☐ <2
Filtered Nutrients	☒ W-PO4-F ☒ Field Filtered 0.45 µm Filter	☒ Ice			
Chlorophyll	☒ CHLSUITE-W	☐ Ice			
Physical/Aggregate (Fresh)	☐ Alkalinity / W-F / W-TSS / TURBIDITY / W-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-UHERB-AA ☐ W-AHERB-AA ☐ W-CARB-AA ☐ W-PCL-SQ-R ☐ W-PYR-AA-R ☐ W-GLYPH ☐ W-SUC-AA-R	☐ Ice ☐ Other			

Contains: 1:1 H2SO4
Lot No: SA8085170
Expires: 03/26/19
See Safety Data Sheet (SDS)

STICKER(S) HERE

Notes: SMPO9052018 - FB

Field ID/WIN:



G2SW0020

Site Name: Hills R. @ Lowry Park

Signature: MH BL

Date:

9/16/18

Enter Field Parameters, Verify Station ID In LIMS DMT: SM 09/24/2018

QC Station ID, Field Parameters In LIMS DMT: SM 11/18/2018

Scan/Save Field Sheets: SM 12/18/2018
(Initials/Date)

Migrate Data to WIN: 3380 SM 11/18/2018
(Initials/Date)

Verify Data In WIN: SM 12/18/2018
(Initials/Date)

Florida Department of Environmental Protection

Central Laboratory Submittal Form

1443 E & F

Customer: SW-DIST

Project ID: SMP

Requester: Matthew Bearden

Field Report Prepared By: M. BEARDEN

Collected By: M. BEARDEN

Sampling Agency: SW ROC

Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/6/18 Time 0920	Eastern Central	Composite end Date Time	Bottle Group(s) (See pg 2)
Field ID Field ID/WIN: G2SW0020	Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 5.99 75.3 %	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST Site Name: Hills R. @ Lowry Park	Temp (C) 27.0	pH 5.99	Sample Depth 0.3	Sp. Conductance (umho/cm) 338.7	
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.16	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 9/6/18 Time 0950	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID Field ID/WIN: G2SW0034	Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 5.99 75.2 %	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	A
WIN/ST Site Name: Hillsborough River @ I-275 Bridge	Temp (C) 27.0	pH 6.21	Sample Depth 0.3	Sp. Conductance (umho/cm) 384.3	
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.18	Comments		
Location	☐ Comp ☒ Grab	Collection (comp begin or grab) Date 09/06/18 Time 1030	Eastern Central	Composite end Date Time	Bottle Group(s)
Field ID Field ID/WIN: G2SW0035	Matrix (type, e.g., Salt, Fresh, etc) FRESH	Diss. Oxygen 6.06 76.3 %	☒ mg/L ☒ % sat	Total Res. Chlorine (mg/L)	B
WIN/ST Site Name: Hillsborough River @ Rowlett Park Dr	Temp (C) 27.2	pH 6.18	Sample Depth 0.3	Sp. Conductance (umho/cm) 146.3	
Latitude ☐ dms	☐ dd ☐ dms	Salinity (ppt) 0.07	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	Sp. Conductance (umho/cm)	
Latitude ☐ dms	☐ dd ☐ dms	Longitude ☐ dd ☐ dms	Salinity (ppt)	Comments	

Relinquished By: M. BEARDEN	Date/Time 9/6/18 1400	Shipping Method FED EX	Number of Coolers Shipped: 1	Received By:	Date/Time
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Ref:
Dep:Date: 28Aug18
Wgt: 10.00 LBSSHIPPING: 0.00
SPECIAL: 0.00
HANDLING: 0.00
TOTAL: 0.00

DV:

0.00

Svc: PRIORITY OVERNIGHT Master 4385 5032 9754
TRK: 4385 5032 9755

Group: A	Bottle Type:	P-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
ALKALINITY TURBIDITY W-F W-TSS							
Group: A	Bottle Type:	BP-1L	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
CHLSUITE-W							
Group: A	Bottle Type:	QPCR-P-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
PCR-FILTER							
Group: A	Bottle Type:	P-120ML-WC-THI	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
SWD-AEL-EN SENT TO AEL							
Group: A	Bottle Type:	BG-500ML	# of Bottles: 2	Preservative:	ICE	Enter Number of Bottles Sent to Lab	2
W-E8321-DI W-E8321-MS							
Group: A	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: A	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-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
ALKALINITY TURBIDITY W-F W-TSS							
Group: B	Bottle Type:	BP-1L	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	1
CHLSUITE-W							
Group: B	Bottle Type:	P-120ML-WC-THI	# of Bottles: 1	Preservative:	ICE	Enter Number of Bottles Sent to Lab	0
SWD-AEL-EN SENT TO AEL							
Group: B	Bottle Type:	P-500ML	# of Bottles: 1	Preservative:	ICE And H2SO4	Enter Number of Bottles Sent to Lab	X

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

W-PO4-F



Advanced
Environmental Laboratories, Inc.

Gainesville: 4965 SW 41st Blvd. • Gainesville, FL 32608 • 352.377.2349 • Fax 352.399.0039
Jacksonville: 6681 Southpoint Pkwy. • Jacksonville, FL 32216 • 904.363.9350 • Fax 904.363.9354
Tallahassee: 2639 North Monroe Street, Suite D • Tallahassee, FL 32303 • 850.219.6274 • Fax 850.219.6275
Tampa: 9610 Princess Palm Ave. • Tampa, FL 33619 • 813.630.9616 • Fax 813.630.4327

Client Name: FDEP SW Dist.		Project Name: SMP		BOTTLE SIZE & TYPE	Analysis Required	EWT					LABORATORY I.D. #
Address: 13051 N. Telecom Pkwy. Temple Terrace FL 33637		P.O. Number: B370AE									
Phone: 813-470-5770		Project Address:									
Contact: Judy Ashton 813-470-5772		Special Instructions: RQ-2018-09-03-31									
Sampled By: Dylan Horning, Matt Bearden											
Turn Around Time: ☒ STANDARD ☐ RUSH											
Page: 1 of 1		☐ ADaPT ☐ EQUIS ☐ Other									
SAMPLE ID	SAMPLE DESCRIPTION	Grab Comp	SAMPLING		MATRIX	NO. COUNT	PRE- SER- VATI- ON				
			DATE	TIME							
G12SW0020	Hills R. @ Lowery Park	Grab	9/6/18	0920	SW	1	ENTERO.				
G12W0034	Hillsborough River @ I-275 Bridge	Grab	9/6/18	0950	SW	1					
G12SW0035 G12SW0020	Hills R. @ Hillsborough River @ Rowlett Park Dr.	Grab	9/6/18	1030	SW	1					

Matrix Code: WW = wastewater (SW = surface water) GW = ground water DW = drinking water O = oil A = air SO = soil SL = sludge Preservation Code: I = ice H = (HCl) S = (H2SO4) N = (HNO3) T = (Sodium Thiosulfate)

Received on Ice ☐ Yes ☐ No ☐ Temp taken from sample ☐ Temp from blank ☐ Where required, pH checked Temperature when received _____ (in degrees Celsius)

DCN: AD-051 Form last revised 04/30/2015

Device used for measuring Temp by unique identifier (circle IR temp gun used) J: 9A G: LT-1 LT-2 T: 10A A: 3A M: 3A S: 1V

Relinquished by: Date: Time: Received by: Date: Time:

1 D. Horning 9/6/18 1240 [Signature] 9/6/18 1240

FOR DRINKING WATER USE:

PWS ID: _____

Cooler Packing Worksheet for Request: RQ-2018-09-03-31

1443 E & F

Ship Cooler On: 8/24/2018

Customer/Project: SW-DIST/SMP

Assigned To: REAVES_S

Requester: Matthew Bearden

Priority: 3

813-470-5951
FL Dept. of Environmental Protection
13051 N. Telecom Parkway
Temple Terrace, FL 33637-0926
Attn: Matthew Bearden

Comments:

No preservatives needed.

Requested Analyses:

Bottle Group: A

of Sites: 2

Container ID: P-1L

Qty: 2 Preservation: ICE

Lot # 00071991

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

W-F

W-TSS

Description

Alkalinity in aqueous matrices as mg CaCO₃/L

Turbidity in aqueous matrices

Fluoride in aqueous matrices, without distillation (not valid for NPDES monitoring)

Total Suspended Solids in aqueous matrices using a maximum of 250 mL of sample

Container ID: BP-1L

Qty: 2 Preservation: ICE

Lot # 1227219

Description: Brown Plastic Bottle 1L

Analysis

CHLSUITE-W

Description

Phytoplankton chlorophyll-a corrected, uncorrected, and phaeophytin by spectrophotometry

Container ID: QPCR-P-500ML

Qty: 2 Preservation: ICE

Lot # 00071457

Description: 500ml Sterile Nalgene

Affix PCR Instruction Label to container

Analysis

PCR-FILTER

Description

Preparation of Samples by Filtration and held for qPCR Analysis

Container ID: P-120ML-WC-THI

Qty: 2

Preservation: ICE

Lot # 6402

Description: 120 ml Sterilized White Cap with
tablet

Analysis

SWD-AEL-EN

Description

Enterococci by membrane filter method by Advanced Environmental Overflow Laboratories for
SWD

Container ID: BG-500ML

Qty: 2

Preservation: ICE

Lot # 00070815

Description: Brown Glass Bottle 500ML

Affix BLUE dot to container.

Analysis

W-E8321-DI

W-E8321-MS

Description

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Pesticides, herbicides, and other chemicals in water matrices by HPLC/MS/MS

Container ID: P-500ML

Qty: 2

Preservation: ICE And H2SO4

Lot # 00072044

Description: Plastic Bottle 500 mL

Affix YELLOW sulfuric acid dot to container.

Analysis

W-NH3

W-NO2NO3

W-S-A-TP

W-TKN

W-TOC

Description

Ammonia in aqueous matrices as mg N/L

Nitrite/Nitrate in aqueous matrices as mg N/L

Total Phosphorus in aqueous matrices as mg P/L

Total Kjeldahl Nitrogen in aqueous matrices

Nonpurgeable Organic Carbon in aqueous matrices

Container ID: P-125ML

Qty: 2

Preservation: FILTER-ICE

Lot # 00069732

Description: Plastic Bottle 125 mL

Analysis

W-PO4-F

Description

Ortho-phosphate, dissolved, in filtered, aqueous matrices as mg P/L

Bottle Group: B

of Sites: 1

Container ID: P-1L

Qty: 1

Preservation: ICE

Lot # 00071991

Description: Plastic Bottle 1L

Analysis

ALKALINITY

TURBIDITY

Description

Alkalinity in aqueous matrices as mg CaCO3/L

Turbidity in aqueous matrices

Cooler Packed By: SK Number of Coolers: 1 Date: 8-18-18

Kit must also include:

- ☒ Field Sheets
- ☒ Temperature Control Bottle
- ☒ FedEx Bills, if applicable
- ☒ Plastic Bags/Zip Ties
- ☐ Acid Labels (sets of 24)

If Preservation Included:

ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____
ID _____	Exp _____	Lot # _____

PLEASE RETURN ALL COOLERS FOR RQ-2018-09-03-31