

Florida Department of Environmental Protection

Locating possible human waste sources by process of elimination.

Miller R2 Round 1: Exploratory
Rounds 2 and 3: Sewage Detection Response

WBID Name <i>milker</i>			Form filled out by: <i>Nicole Fredenik</i>		Date of Observations: <i>3/28/17</i>
WBID Number <i>2287</i>	Class	Marine or Fresh	Names of Observers: <i>N. Fredenik / Pat O'Connor</i>		
Rainfall in the last... (inches)	6 hrs:	24 hrs:	36 hrs:	Comments:	
Source of rain data.					

[illegible]

¹Flushing means the entire water segment is flushing while on site.

²Add any additional comments on observations (i.e. possible human waste sources, unmapped sewer pipe or outfall, sewage odors) in the photo log.

Scanned
NF

WBID 2287

[illegible]

Miller R2 - C2

IF ENVIRONMENTAL PROTECTION RING PROGRAM FIELD SHEET

PAGE 1 OF 1

Data Qualified?

Yes / No

January 2017

Date: 3/23/2017

(mm/dd/yyyy)

WBID: 2287

Latitude: 30.30098

(Decimal Degrees)

Longitude: 81.63183

(Decimal Degrees)

County: Duval RQ - 2017-03-20-38

ORG ID: 21 FLA

Receiving Body of Water:

Field ID:

Sampling Team Members

Nicole Frederick
Pat O'Connor

WQ Measurements
Sample Collection
Documentation
Preservation
Preservation Check

Sampling Equipment

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

Equipment ID Ortho Kit #

Collection Method

☐ Wading ☐ Via Boat
☒ From Shore ☐ Canoe/Kayak
☐ Other (note below) ☐ Electric Motor
☐ Gasoline Motor

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

Matrix: Fresh / Marine / DI

Meter ID# N/A Photos: Yes / No

Tide Falling: Yes / No / NA

Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1220	0.05	0.10							
CEN										

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

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

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / ☐ W-NO2NO3 / ☐ W-TKN / ☐ W-TOC / ☐ W-S-A-TP	☐ Ice ☐ H ₂ SO ₄			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO ₂			☐ <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-CL-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 ☐ Enter ☐ PCR FILTER H2183	☒ Ice			
Tracers	☒ W-LCMS-DIJ ☒ W-UHERB-AA	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R ☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Ice ☐ Other			

Place Preservative Sticker(s) Here
(If Available)

Notes: Sheen on Surface. No flow.
discontinued.

Place Label Here
(If Available)

Signature: Nicole Frederick

Date: 3/23/2017

Field Parameters Entered into LIMS: (Initials/Date)

Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date)

Field Sheets Scanned/Saved: (Initials/Date)



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
G PROGRAM FIELD SHEET

PAGE 1 OF 1

Miller R2 - C

ary 2017

Data Qualified?

Yes / No



MILLER R2 C

Date: 3/23/2017

(mm/dd/yyyy)

D: 2287

Latitude: See Round 1

(Decimal Degrees)

County: Duval RQ - 2017-03-20-38 ORG ID: 21 FLA

Longitude: See Round 1

(Decimal Degrees)

Receiving Body of Water:

Field ID:

30.30050 / 86.63105

Sampling Team Members				WQ Measurements	Sample Collection	Documentation	Preservation	Preservation Check
Niche Friedrich								
Jeremy Park NE								
Paul O'Connor								

Sampling Equipment	
☐ Sample Container	☐ Van Dorn ☒ Pole
☐ Carboy	☐ Syringe
☐ Dipper	☐ Other
Equipment ID Ortho Kit #	

Collection Method	
☐ Wading	☐ Via Boat
☒ From Shore	☐ Canoe/Kayak
☐ Other (note below)	☐ Electric Motor
	☐ Gasoline Motor

Water Level: Dry / Pooled / <u>Low</u> / Normal / High / Flooded				Matrix: <u>Fresh</u> / Marine / DI						
Meter ID# N/A		Photos: <u>Yes</u> / No		Tide Falling: Yes / No / <u>NA</u>						
Time Zone	Time	Sample Depth (m)	Total Depth (m)	DO (mg/L)	DO (%SAT)	pH	Salinity (ppt)	Secchi Disk (m)	Sp COND (µmhos/cm)	Temp. (C°)
EST	1200	0.05	0.10							
CEN										

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

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

Parameter Suite	Parameter Methods	Preservation	Acid Lot#	Expiration	pH Check
Preserved Nutrients	☐ W-NH3 / W-NO2NO3 / W-TKN / W-TOC / W-S-A-TP	☐ Ice ☐ H2SO4			☐ <2
Metals	☐ W-ICPMS ☐ W-ICP	☐ Ice ☐ HNO2			☐ <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-CI / 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 ☐ Enter ☒ PCR-PCR <u>HR183</u>	☒ Ice			
Tracers	☒ W-LCMS-DIJ ☒ W-UHERB-AA	☒ Ice			
Pesticides	☐ W-PSNP-TQ ☐ W-AHERB-AA ☐ W-PYR-AA-R	☐ Ice			
	☐ W-PCL-SQ-R ☐ W-UHERB-AA ☐ W-GLYPH	☐ Other			

Notes: Use photos ^{NE} and took new photos. GPS from Round 1 - no changes.

Place Label Here (If Available)

Signature: Michael Date: 3/23/2017

Field Parameters Entered into LIMS: (Initials/Date) Field Parameters QC in LIMS: (Initials/Date)

Date Migrated to STORET: (Initials/Date) Field Sheets Scanned/Saved: (Initials/Date)