



ENVIRONMENTAL PROTECTION DEPARTMENT

408 W. University Ave. Suite 106 Gainesville, FL 32601
352-264-6800

Reviewed By: NAU
Date: 9/3/19
Data Entered By: —
Date: —

SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>Alachchan</u>	Sample Sequence Number: <u>①</u>	Sample Date: <u>8/20/19</u>
	Project Name: <u>OCB1908</u>		Collection Time:
	Location Description:		
Weather	Sampler: <u>N. Volk</u>	Sampler: <u>E. Tavaraz</u>	
	Ambient: <u>cloudy, hot</u>		Air Temperature: <u>26°C</u>
Field Water Quality Data	Last 7 Days: <u>3.28 in rain</u>		
	Sample Type (circle): Grab Composite Sample Method (circle): Direct Intermediate		
	Sample Collection Equipment (circle): Containers Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) Upstream Downstream		
	Distance: (ft)		Structure description:
	Sample Depth (from surface): (ft)		Total Water Depth at Sample Point: (ft)
	SECCHI (from surface): (ft)		Total Water Depth at SECCHI point: (ft)
	Staff Gauge: (ft)		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) #5 #6		
	Water Temperature C°		
	Dissolved Oxygen %		
	Dissolved Oxygen mg/L		
	Specific Conductance µS/cm		
	pH S.U.		
Turbidity NTU			
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) Upstream Downstream		
	Distance: (ft)		Structure description:
	Sample Site Description: (near bank, etc)		
	Sample Time:		Sample Method:
	Sample Depth: (ft)		Sample Color:
	Sediment Odors:		Sample Texture:
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):		
	pH of Preserved Samples: Nutrients= Metals=		
	Laboratory(s): AEL, Test America		
	Laboratory(s) Delivery: Hand Delivered or Shipped Time= Date=		
	Field Comments:		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID:					Date:			
	Location of stream cross section relative to permanent structure: (circle)					Upstream		Downstream	
	Distance: (ft)			Structure description:					
	Direction of flow:			Flow Meter: SonTek FlowTracker					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge ACEPD gauge								
	Gauged Stream Flow: (cubic feet/second)								
	Station	Depth	Velocity	Station	Depth	Velocity	Station	Depth	Velocity
	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)
Stream Bank Description:									
Stream Bottom Description:									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

G1NE0916

October 2018

Sample Info	Station ID: <u>SWB504</u>	Sample Sequence Number: <u>2</u>	Sample Date: <u>8/20/19</u>	
	Project Name: <u>OCB1908</u>	Collection Time: <u>1145</u>		
	Location Description: <u>sweetwater branch upstream of SW4th st</u>			
	Sampler: <u>E. Tavares</u>	Sampler: <u>N. Volk</u>		
Weather	Ambient: <u>hot, cloudy</u>		Air Temperature: <u>27°C</u>	
	Last 7 Days: <u>wet 3.28 in rain</u>			
Field Water Quality Data	Sample Type (circle): <u>Grab</u>	<u>Composite</u>	Sample Method (circle): <u>Direct</u>	<u>Intermediate</u>
	Sample Collection Equipment (circle): <u>Containers</u>	<u>Grab Pole</u>	<u>Clips for FC</u>	
	If Intermediate, Describe:			
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u>		<u>Downstream</u>	
	Distance: <u>300</u> (ft)	Structure description:		
	Sample Depth (from surface): <u>0.8</u> (ft)	Total Water Depth at Sample Point: <u>1.5</u> (ft)		
	SECCHI (from surface): <u>1.5</u> (ft)	Total Water Depth at SECCHI point: <u>1.5</u> (ft)		
	Staff Gauge: (ft)			
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); <u>Hach 2100P</u> Turbidity (circle) <u>#5</u> #6			
	Water Temperature: <u>26.6</u> °C			
	Dissolved Oxygen: <u>88.4</u> %			
	Dissolved Oxygen: <u>7.09</u> mg/L			
	Specific Conductance: <u>280.2</u> µS/cm			
	pH: <u>7.44</u> S.U.			
	Turbidity: <u>2.20</u> NTU			
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u>		<u>Downstream</u>	
	Distance: (ft)	Structure description:		
	Sample Site Description: (near bank, etc)			
	Sample Time:	Sample Method:		
	Sample Depth: (ft)	Sample Color:		
	Sediment Odors:	Sample Texture:		
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):			
	pH of Preserved Samples: <u>Nutrients= 22 Metals= 22</u>			
	Laboratory(s): <u>AEL, Test America</u>			
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u>		Time= <u>1530</u>	Date= <u>8/20/19</u>
	Field Comments: <u>FDEP samples collected here (FDEP dnp as well)</u>			
Visitors on Site:				

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>SW BSE4</u>						Date: <u>8/20/19</u>		
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>								
	Distance: <u>300</u> (ft)			Structure description: <u>100m upstream construction</u>					
	Direction of flow: <u>N to S</u>			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: <u>Too low</u> <u>Unsafe Conditions</u> <u>SJRWMD gauge</u> <u>ACEPD gauge</u>								
	Gauged Stream Flow: (cubic feet/second) <u>6.67</u>								
	Station	Depth	Velocity	Station	Depth	Velocity	Station	Depth	Velocity
	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)
Stream Bank Description: <u>Erosion in some areas</u>									
Stream Bottom Description: <u>shifting sands</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

G1NE0905

October 2018

Sample Info	Station ID: SWB331	Sample Sequence Number: 4	Sample Date: 8/20/19
	Project Name: OCB1908		Collection Time: 1240
	Location Description: Sweetwater branch upstream of 331		
	Sampler: E. Tavaraz		Sampler: W. Volk
Weather	Ambient: hot, cloudy	Air Temperature: 27°C	
	Last 7 Days: 3.28 in rain		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> <u>Composite</u> Sample Method (circle): <u>Direct</u> <u>Intermediate</u>		
	Sample Collection Equipment (circle): <u>Containers</u> <u>Grab Pole</u> <u>Clips for FC</u>		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: (ft)	Structure description:	
	Sample Depth (from surface): 0.7 (ft)	Total Water Depth at Sample Point: 1.5 (ft)	
	SECCHI (from surface): 0.7 1.5 (ft)	Total Water Depth at SECCHI point: 0.7 1.5 (ft)	
	Staff Gauge: na (ft)		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature: 27.5 25 °C		
	Dissolved Oxygen: 90.9 %		
	Dissolved Oxygen: 7.17 mg/L		
	Specific Conductance: 550 µS/cm		
	pH: 7.60 S.U.		
	Turbidity: 5.85 NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: (ft)	Structure description:	
	Sample Site Description: (near bank, etc)		
	Sample Time:	Sample Method:	
	Sample Depth: (ft)	Sample Color:	
	Sediment Odors:	Sample Texture:	
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):		
	pH of Preserved Samples: <u>Nutrients</u> = < 2 <u>Metals</u> = < 2		
	Laboratory(s): <u>AEL Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u> Time = 1530 Date = 8/20/2019		
	Field Comments: <u>FDEP samples collected here</u> <u>lots of erosion along banks, much steeper than before</u>		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>SWB331</u>						Date: <u>8/20/19</u>		
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream								
	Distance: _____ (ft)			Structure description: _____					
	Direction of flow: _____			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low Unsafe Conditions <u>SJRWMD gauge</u> ACEPD gauge								
	Gauged Stream Flow: _____ (cubic feet/second)								
	Station	Depth	Velocity	Station	Depth	Velocity	Station	Depth	Velocity
	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)
Stream Bank Description: <u>very steep, soil/vegetated</u>									
Stream Bottom Description: <u>shifting sands</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch	331								



ENVIRONMENTAL PROTECTION DEPARTMENT

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(LAKES) SURFACE WATER SAMPLING FIELD LOG SHEET

December 2017

Reviewed By: NAU

Date: 9/3/19

Data Entered By: NAU

Date: 9/3/19

GINE0904

Site Info	ACEPD ID: <u>BIV441</u>	Sample Sequence Number: <u>5</u>	Sample Date: <u>8/20/2019</u>
	Project Name: <u>OCB1908</u>		Collection Time: <u>1400</u>
	Location Description: <u>Bivers arm at 441 culvert</u>		Sampler: <u>E. Tavaraz</u>
	Latitude: _____ Longitude: _____		Sampler: <u>N. Volpe</u>
Weather	Ambient: <u>hot, cloudy</u>		Air Temperature: <u>50°C</u>
	Last 7 Days: <u>Heavy rain 3 days before sampling 3.28 in rain</u>		
	Cloud Cover: <u>30%</u>	Wind Speed: <u>0</u>	Wind Direction: <u>00</u>
Field Water Quality Data: Depth 1	Sample Method (circle): <u>Grab</u> <u>Composite</u>		Sample Type (circle): <u>Direct</u> <u>Intermediate</u>
	Sample Collection Equipment (circle): <u>Containers</u> <u>Grab Pole</u> <u>VanDorn</u> <u>Churn Splitter</u>		
	If Intermediate, Describe: <u>New bottle used as intermediate</u>		
	Sample Depth: <u>1</u> (ft)	Total Water Depth at Sample Point: <u>3.2</u> (ft)	
	SECCHI (from surface): <u>0.3m 1.1</u> (ft)	Total Water Depth at SECCHI point: <u>3.2</u> (ft)	
	Staff Gauge: <u>N/A</u>		
	Field Meters: <u>YSI Pro Plus</u> (pH, Conductance, Dissolved Oxygen, and Temp.); Hach 2100Q Turbidity (circle) <u>#5</u> <u>#6</u>		
	Water Temperature	<u>28.3</u>	C°
	Dissolved Oxygen	<u>136.1</u>	%
	Dissolved Oxygen	<u>10.57</u>	mg/L
	Specific Conductance	<u>168.7</u>	µS/cm
	pH	<u>9.39</u>	S.U.
	Turbidity	<u>32.5</u>	NTU
	Field Water Quality Data: Depth 2	Sample Method (circle): <u>Grab</u> <u>Composite</u>	
Sample Collection Equipment (circle): <u>Containers</u> <u>Grab Pole</u> <u>VanDorn</u> <u>Churn Splitter</u>			
If Intermediate, Describe: _____			
Sample Depth: _____ (ft)		Total Water Depth at Sample Point: _____ (ft)	
SECCHI (from surface): _____ (ft)		Total Water Depth at SECCHI point: _____ (ft)	
Staff Gauge: _____			
Field Meters: YSI Pro Plus (pH, Conductance, Dissolved Oxygen, and Temp.); Hach 2100P Turbidity (circle) <u>#5</u> <u>#6</u>			
Water Temperature		C°	
Specific Conductance		µS/cm	
Dissolved Oxygen		%	
Dissolved Oxygen		mg/L	
pH		S.U.	
Turbidity		NTU	

SURFACE WATER FIELD DATA SHEET - Page 2

Sediment Sample	Sample Time: <u>1400</u>	
	Sediment Collection Device (circle):	Petite Ponar Eckman Dredge Corer (type)
	Sediment Depth:	Sediment Color:
	Sediment Texture:	
	Sediment Odors:	
	Comments:	
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):	
	pH of Preserved Samples: Metals = <u>22</u> Nutrients = <u><2</u>	
	Laboratory(<u>AEL - back</u> <u>Test America - others</u> <u>shipped</u>)	
	Laboratory(s) Delivery: <u>shipped Fed ex</u> <u>AEL Hand Delivered</u> Time= <u>1550</u> Date= <u>8/20/19</u>	
	Field Comments:	
<u>FDEP samples collected here</u>		
Visitors on Site: <u>ACEPD staff</u>		
Site Sketch		