



ENVIRONMENTAL PROTECTION DEPARTMENT

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

Reviewed By:
Date:
Data Entered By:
Date:

SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>SWBSE4</u>	Sample Sequence Number: <u>(2)</u>	Sample Date: <u>11/12/19</u>
	Project Name: <u>OCB1911</u>		Collection Time: <u>1120</u>
	Location Description: <u>sweetwater branch upstream of SE 4th</u>		
	Sampler: <u>E. Tavaraz</u>		Sampler: <u>N. Volk</u>
Weather	Ambient: <u>clear, cool</u>		Air Temperature: <u>24 °C</u>
	Last 7 Days: <u>Dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>300</u> (ft)		Structure description: <u>SE 4th bridge</u>
	Sample Depth (from surface): <u>1.00</u> (ft)		Total Water Depth at Sample Point: <u>2.0</u> (ft)
	SECCHI (from surface): <u>2.0</u> (ft)		Total Water Depth at SECCHI point: <u>2.0</u> (ft)
	Staff Gauge: _____ (ft)		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>20.8</u> C°		
	Dissolved Oxygen <u>78.8</u> %		
	Dissolved Oxygen <u>6.90</u> mg/L		
	Specific Conductance <u>690</u> µS/cm		
	pH <u>7.69</u> S.U.		
Turbidity <u>2.81</u> NTU			
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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= <u>22</u> Metals= <u>22</u>		
	Laboratory(s): <u>AEL Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1515</u> Date= <u>11/12/19</u>		
	Field Comments: <u>FDEP samples taken here</u>		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>SWB8E4</u>					Date: <u>11/12/19</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>Bridge (SE 4th)</u>					
	Direction of flow: <u>N to S</u>			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge ACEPD gauge								
	Gauged Stream Flow: (cubic feet/second) <u>0.973</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>Some erosion; mostly stable</u>									
Stream Bottom Description: <u>Sandy & Rocks</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>SWB331</u>	Sample Sequence Number: <u>(3)</u>	Sample Date: <u>11/12/19</u>
	Project Name: <u>OCB19U</u>		Collection Time: <u>1200</u>
	Location Description: <u>sweetwater branch upstream of 331</u>		
	Sampler: <u>E. Tavaraz</u>		Sampler: <u>W. Volls</u>
Weather	Ambient: <u>Clear, cool</u>		Air Temperature: <u>24°C</u>
	Last 7 Days: <u>Dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>300</u> (ft)		Structure description: <u>331 rd</u>
	Sample Depth (from surface): <u>0.7</u> (ft)		Total Water Depth at Sample Point: <u>1.3</u> (ft)
	SECCHI (from surface): <u>1.3</u> (ft)		Total Water Depth at SECCHI point: <u>1.3</u> (ft)
	Staff Gauge: <u>—</u> (ft)		
	Field Meters: <u>YSI Pro-Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>23.1</u> °C		
	Dissolved Oxygen <u>78.5</u> %		
	Dissolved Oxygen <u>6.71</u> mg/L		
	Specific Conductance <u>693</u> µS/cm		
	pH <u>7.07</u> 6.8 S.U.		
	Turbidity <u>1.01</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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= <u>42</u> Metals= <u>42</u>		
	Laboratory(s): <u>AEI, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1515</u> Date= <u>11/12/19</u>		
	Field Comments: <u>FDEP samples taken here</u>		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>SWB331</u>					Date: <u>11/12/19</u>			
	Location of stream cross section relative to permanent structure: (circle)					Upstream		Downstream	
	Distance: <u>300</u> (ft)			Structure description: <u>331</u>					
	Direction of flow:			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge <u>ACEPD gauge</u>								
	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>heavy erosion, forested</u>									
Stream Bottom Description: <u>heavy er shifting sands, exposed rock/gravel</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch	331								



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SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>TUM441</u>	Sample Sequence Number: <u>(4)</u>	Sample Date: <u>11/12/19</u>
	Project Name: <u>OCB1911</u>	Collection Time: <u>13:25</u>	
	Location Description:		
Weather	Sampler: <u>E. Tailarez</u>	Sampler: <u># # N. Volk</u>	
	Ambient: <u>cloudy, warm</u>	Air Temperature: <u>24°C</u>	
Field Water Quality Data	Last 7 Days: <u>Dry</u>		
	Sample Type (circle): <u>Grab</u>	Composite	Sample Method (circle): <u>Direct</u>
	Sample Collection Equipment (circle): <u>Containers</u>		Grab Pole
	If Intermediate, Describe:		Clips for FC
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u>		<u>Downstream</u>
	Distance: <u>50 ft</u>	Structure description: <u>end of concrete channel</u>	
	Sample Depth (from surface): <u>0.2</u> (ft)	Total Water Depth at Sample Point: <u>0.4</u> (ft)	
	SECCHI (from surface): <u>0.4</u> (ft)	Total Water Depth at SECCHI point: <u>0.4</u> (ft)	
	Staff Gauge: <u>68.48</u> ft		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u>	#6	
	Water Temperature: <u>24.0</u> °C		
	Dissolved Oxygen: <u>154.6</u> %		
	Dissolved Oxygen: <u>13.0</u> mg/L		
	Specific Conductance: <u>377</u> µS/cm		
	pH: <u>8.49</u> S.U.		
Turbidity: <u>1.23</u> NTU			
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u>		
	Distance: (ft)		
	Structure description:		
	Sample Site Description: (near bank, etc)		
	Sample Time:		
	Sample Method:		
QA/QC Data	Sample Depth: (ft)		
	Sample Color:		
	Sediment Odors:		
	Sample Texture:		
	QA Samples Collected (Description, Field ID, and Time):		
	pH of Preserved Samples: <u>Nutrients= <2</u> <u>Metals= <2</u>		
Laboratory(s): <u>AEI, Test America</u>			
Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1515</u> Date= <u>11/12/19</u>			
Field Comments: <u>FDEP samples taken here</u>			
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>TUM 441</u>					Date: <u>11/12/19</u>			
	Location of stream cross section relative to permanent structure: (circle)					Upstream		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 SJRWMD gauge <u>ACEPD gauge</u>								
	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>shifting sands</u>									
Stream Bottom Description:									
<u>grass, unshaded, construction</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>TUMSW5</u>	Sample Sequence Number: <u>45</u>	Sample Date: <u>11/12/19</u>
	Project Name: <u>OCB1911</u>		Collection Time: <u>1345</u>
	Location Description: <u>Tumblin creek upstream of SW 5th</u>		
	Sampler: <u>E. Tavaraz</u>		Sampler: <u>N. Volk</u>
Weather	Ambient: <u>cloudy, cool</u>		Air Temperature: <u>24°C</u>
	Last 7 Days: <u>Dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>100</u> (ft)		Structure description: <u>culvert under SW 5</u>
	Sample Depth (from surface): <u>1.2</u> (ft)		Total Water Depth at Sample Point: <u>+ 2</u> (ft)
	SECCHI (from surface): <u>25</u> (ft)		Total Water Depth at SECCHI point: <u>25</u> (ft)
	Staff Gauge: <u>n/a</u> (ft)		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>22.5</u> °C		
	Dissolved Oxygen <u>62.2</u> %		
	Dissolved Oxygen <u>5.38</u> mg/L		
	Specific Conductance <u>399</u> µS/cm		
	pH <u>7.19</u> S.U.		
	Turbidity <u>1.00</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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= <u>L2</u> Metals= <u>L2</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1515</u> Date= <u>11/12/19</u>		
	Field Comments: <u>FDEP samples taken here</u>		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID:					Date: <u>11/12/19</u>			
	Location of stream cross section relative to permanent structure: (circle)					Upstream		Downstream	
	Distance: <u>100</u> (ft)			Structure description: <u>culvert under SW 5th</u>					
	Direction of flow:			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge ACEPD gauge								
	Gauged Stream Flow: <u>0.319</u> (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: <u>shifting sands</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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Date:

(LAKES) SURFACE WATER SAMPLING FIELD LOG SHEET

December 2017

Site Info	ACEPD ID: B10441	Sample Sequence Number: (5) (6)	Sample Date: 11/12/19
	Project Name: Lakes 1911		Collection Time: 1430
	Location Description:		Sampler: E. Tavaraz
	Latitude:	Longitude:	Sampler: N. Volk
Weather	Ambient: warm, windy	Air Temperature: 24°C	
	Last 7 Days: Dry		
	Cloud Cover: 100%	Wind Speed: 15 mi/hr.	Wind Direction: NW
Field Water Quality Data: Depth 1	Sample Method (circle): Grab Composite	Sample Type (circle): Direct Intermediate	
	Sample Collection Equipment (circle): Containers Grab Pole VanDorn Churn Splitter		
	If Intermediate, Describe:		
	Sample Depth: 1.5 (ft)	Total Water Depth at Sample Point: 3.0 (ft)	
	SECCHI (from surface): 3.0 (ft)	Total Water Depth at SECCHI point: 3.0 (ft)	
	Staff Gauge:		
	Field Meters: YSI Pro Plus (pH, Conductance, Dissolved Oxygen, and Temp.); Hach 2100Q Turbidity (circle) #5 #6		
	Water Temperature	20.2 °C	
	Dissolved Oxygen	47.8 %	
	Dissolved Oxygen	4.36 mg/L	
	Specific Conductance	217 µS/cm	
	pH	8.44 S.U.	
	Turbidity	35.4 NTU	
Field Water Quality Data: Depth 2	Sample Method (circle): Grab Composite	Sample Type (circle): Direct Intermediate	
	Sample Collection Equipment (circle): Containers Grab Pole VanDorn Churn Splitter		
	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) #5 #6		
	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:	
	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> 2 </u> Nutrients = <u> 2 </u>		
Laboratory(<u>AEL</u>)		
Laboratory(s) Delivery: <u>AEL-Hand Delivered</u> Time= <u>1515</u> Date= <u>11/12/19</u>		
Field Comments: <u>water green</u>		
Visitors on Site:		
Site Sketch		



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SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>H0530US</u>	Sample Sequence Number: <u>2</u>	Sample Date: <u>11/13/2019</u>	
	Project Name: <u>OCB 911</u>		Collection Time: <u>1045</u>	
	Location Description:			
Weather	Sampler: <u>E. Tavaraz</u>		Sampler: <u>M. Lucas</u>	
	Ambient: <u>Windy & cold</u>		Air Temperature: <u>13°C</u>	
Field Water Quality Data	Last 7 Days: <u>Dry</u>			
	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): Direct <u>Intermediate</u>			
	Sample Collection Equipment (circle): Containers <u>Grab Pole</u> Clips for FC			
	If Intermediate, Describe:			
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream			
	Distance: <u>200</u> (ft)		Structure description: <u>Bridge</u>	
	Sample Depth (from surface): <u>0.5</u> (ft)		Total Water Depth at Sample Point: <u>1.1</u> (ft)	
	SECCHI (from surface): <u>1.1</u> (ft)		Total Water Depth at SECCHI point: <u>1.1</u> (ft)	
	Staff Gauge: _____ (ft)			
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6			
	Water Temperature <u>12.9</u> °C			
	Dissolved Oxygen <u>68.7</u> %			
	Dissolved Oxygen <u>7.23</u> mg/L			
	Specific Conductance <u>296</u> µS/cm			
	pH <u>7.00</u> S.U.			
	Turbidity <u>4.93</u> NTU			
	Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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= <u>22</u> Metals= <u>22</u>			
	Laboratory(s): <u>AEL</u> Test America			
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1520</u> Date= <u>11/13/2019</u>			
	Field Comments:			
Visitors on Site:				

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>H0930US</u>					Date: <u>11/13/2019</u>			
	Location of stream cross section relative to permanent structure: (circle)					Upstream		Downstream	
	Distance: _____ (ft)			Structure description: _____					
	Direction of flow: _____			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low <u>Unsafe Conditions</u> 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: <u>Stable; Forested</u>									
Stream Bottom Description: <u>Stable muck</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>QOSNW16</u>	Sample Sequence Number: <u>3</u>	Sample Date: <u>11/13/2019</u>
	Project Name: <u>OCB1911</u>		Collection Time: <u>1215</u>
	Location Description:		
Weather	Sampler: <u>E. Tavaraz</u>		Sampler: <u>M. Lucas</u>
	Ambient: <u>Cold; windy</u>		Air Temperature: <u>14.0°</u>
	Last 7 Days: <u>Dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: <u>200</u> (ft)		Structure description: <u>Box culvert</u>
	Sample Depth (from surface): <u>0.5</u> (ft)		Total Water Depth at Sample Point: <u>1.0</u> (ft)
	SECCHI (from surface): <u>1.00</u> (ft)		Total Water Depth at SECCHI point: <u>1.0</u> (ft)
	Staff Gauge: <u>out of water</u> (ft)		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>14.7</u> C°		
	Dissolved Oxygen <u>95.1</u> %		
	Dissolved Oxygen <u>9.56</u> mg/L		
	Specific Conductance <u>293</u> µS/cm		
	pH <u>7.37</u> S.U.		
	Turbidity <u>1.41</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): <u>Field Blank @ 1235</u>		
	pH of Preserved Samples: Nutrients= <u><2</u> Metals= <u><2</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1520</u> Date= <u>11/13/2019</u>		
	Field Comments:		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>805NW16</u>						Date: <u>11/13/19</u>		
	Location of stream cross section relative to permanent structure: (circle)						Upstream		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 SJRWMD gauge <u>ACEPD gauge</u>								
	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>slight erosion</u>									
Stream Bottom Description: <u>sandy</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



ENVIRONMENTAL PROTECTION DEPARTMENT

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352-264-6800

Reviewed By:
Date:
Data Entered By:
Date:

SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>H05NW16</u>	Sample Sequence Number: <u>4</u>	Sample Date: <u>11/13/2019</u>
	Project Name: <u>OCB 1911</u>		Collection Time: <u>1300</u>
	Location Description:		
	Sampler: <u>E. Tavaraz</u>		Sampler: <u>M. Lucas</u>
Weather	Ambient: <u>Cool; breezy</u>		Air Temperature: <u>18.0 °C</u>
	Last 7 Days: <u>Dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>100</u> (ft)		Structure description: <u>Bridge</u>
	Sample Depth (from surface): <u>0.25</u> (ft)		Total Water Depth at Sample Point: <u>0.5</u> (ft)
	SECCHI (from surface): <u>0.5</u> (ft)		Total Water Depth at SECCHI point: <u>0.5</u> (ft)
	Staff Gauge: <u>—</u> (ft)		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>15.5</u> C°		
	Dissolved Oxygen <u>90.6</u> %		
	Dissolved Oxygen <u>9.00</u> mg/L		
	Specific Conductance <u>288</u> μS/cm		
	pH <u>7.74</u> S.U.		
	Turbidity <u>1.08</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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= <u>22</u> Metals= <u>22</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= <u>1520</u> Date= <u>11/13/19</u>		
	Field Comments:		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>H05NW16</u>						Date: <u>11/13/19</u>		
	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 <u>ACEPD gauge</u>								
	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: <u>Sandy</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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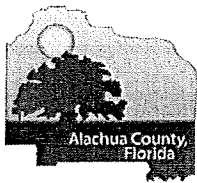
SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>QAR 1491</u>	Sample Sequence Number: <u>31</u>	Sample Date: <u>11/20/2019</u>
	Project Name: <u>SAB 1911</u>		Collection Time: <u>1020</u>
	Location Description: <u>Paraner's Creek. 1-2 ft shallow sandy bottom creek</u>		
	Sampler: <u>Forrest Eddleton</u>		Sampler: <u>Efrain</u>
Weather	Ambient: <u>Clear. No clouds.</u>		Air Temperature: <u>16° C</u>
	Last 7 Days: <u>Dry, clear, cold.</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>~100</u> (ft)		Structure description: <u>Box culvert under CR 1491</u>
	Sample Depth (from surface): <u>.75</u> (ft)		Total Water Depth at Sample Point: <u>1.5</u> (ft)
	SECCHI (from surface): <u>1.5</u> Same as total depth (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); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>13.7° C</u>		
	Dissolved Oxygen <u>96.1</u> %		
	Dissolved Oxygen <u>9.96</u> mg/L		
	Specific Conductance <u>167</u> μ S/cm		
	pH <u>6.98</u> S.U.		
	Turbidity <u>4.83</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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= <u><2</u> Metals= <u><2</u>		
	Laboratory(s): <u>AEL Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= Date=		
	Field Comments:		
	Visitors on Site:		

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>PAR1491</u>					Date: <u>11/20/2019</u>			
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream								
	Distance: <u>300</u> (ft)			Structure description: <u>Culvert</u>					
	Direction of flow:			Flow Meter: <u>SonTek FlowTracker</u>					
	If flow is not measured circle one: Too low Unsafe Conditions SJRWMD gauge ACEPD gauge								
	Gauged Stream Flow: <u>.946</u> (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>vegetated ; grass</u>									
Stream Bottom Description: <u>sandy & rocky</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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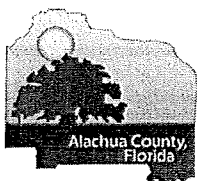
SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>PAR 262</u>	Sample Sequence Number: <u>2</u>	Sample Date: <u>11/20/2019</u>
	Project Name: <u>SRP 1911</u>		Collection Time: <u>11:20</u>
	Location Description: <u>@ Culvert under CR1491</u>		
	Sampler: <u>Efrain Tavaraz</u>		Sampler: <u>F. Edleton</u>
Weather	Ambient: <u>Clear + cold + dry</u>		Air Temperature: <u>16°C</u>
	Last 7 Days: <u>Clear, cold, dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) Upstream <u>Downstream</u>		
	Distance: <u>0</u> (ft)		Structure description: <u>culvert</u>
	Sample Depth (from surface): <u>0.5</u> (ft)		Total Water Depth at Sample Point: <u>1.0</u> (ft)
	SECCHI (from surface): <u>1</u> (ft)		Total Water Depth at SECCHI point: <u>1.0</u> (ft)
	Staff Gauge: (ft)		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>13.7</u> °C		
	Dissolved Oxygen <u>80.2</u> %		
	Dissolved Oxygen <u>8.33</u> mg/L		
	Specific Conductance <u>246</u> µS/cm		
	pH <u>7.6</u> S.U.		
	Turbidity <u>8.51</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) Upstream <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= 4.2</u> <u>Metals= 4.2</u>		
	Laboratory(s): <u>AEI, Test America</u> <u>7 FDEP</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u> Time= Date=		
	Field Comments:		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

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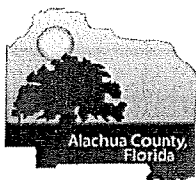
SURFACE WATER SAMPLING FIELD LOG SHEET

October 2018

Sample Info	Station ID: <u>MILLBEL</u>	Sample Sequence Number: <u>3</u>	Sample Date: <u>11/20/2019</u>
	Project Name: <u>SRB 1911</u>		Collection Time: <u>12:00</u>
	Location Description: <u>Culvert under Old Bellamy Road</u>		
	Sampler: <u>Forrest Eddleton</u>		Sampler: <u>Efrain Tavaraz</u>
Weather	Ambient: <u>Clear, cool, dry</u>		Air Temperature: <u>17° C</u>
	Last 7 Days: <u>Clear, cool, dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>4</u> (ft)		Structure description: <u>Culvert w/ 2 drain pipes</u>
	Sample Depth (from surface): <u>.3</u> (ft)		Total Water Depth at Sample Point: <u>0.6</u> (ft)
	SECCHI (from surface): <u>0.6</u> (ft)		Total Water Depth at SECCHI point: <u>0.6</u> (ft)
	Staff Gauge: <u>1.88</u> ft		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> #6		
	Water Temperature <u>12.6</u> C°		
	Dissolved Oxygen <u>83.8</u> %		
	Dissolved Oxygen <u>8.84</u> mg/L		
	Specific Conductance <u>108</u> µS/cm		
	pH <u>6.41</u> S.U.		
	Turbidity <u>3.25</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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: <u>Nutrients= 2.2</u> Metals= <u>2.2</u>		
	Laboratory(s): <u>AEI</u> Test America <u>FDEP</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u> 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 ft m (circle)		Depth (ft)	Velocity (ft/s)		Station ft m (circle)		Depth (ft)	Velocity (ft/s)	
Stream Bank Description:										
Stream Bottom Description:										
Pictures of: Station ☐ Upstream ☐ Downstream ☐										
Site Sketch										



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Sample Info	Station ID: <u>TRK NW 74</u>	Sample Sequence Number: <u>5</u>	Sample Date: <u>11/20/2019</u>
	Project Name: <u>SRO 1911</u>		Collection Time: <u>1420</u>
	Location Description: <u>Turkey Creek near maintenance service bridge</u>		
	Sampler: <u>Forrest Eddleton</u>		Sampler: <u>Efrain Tavares</u>
Weather	Ambient: <u>Cool, clear, dry</u>		Air Temperature: <u>19°C</u>
	Last 7 Days: <u>Cool, clear, dry</u>		
Field Water Quality Data	Sample Type (circle): <u>Grab</u> Composite Sample Method (circle): <u>Direct</u> Intermediate		
	Sample Collection Equipment (circle): <u>Containers</u> Grab Pole Clips for FC		
	If Intermediate, Describe:		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> Downstream		
	Distance: <u>50 yards/ 150 (ft)</u>		Structure description: <u>Bridge for Maintenance</u>
	Sample Depth (from surface): <u>.5 (ft)</u>		Total Water Depth at Sample Point: (ft)
	SECCHI (from surface): (ft)		Total Water Depth at SECCHI point: (ft)
	Staff Gauge: <u>N/A</u> (ft)		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) #5 #6		
	Water Temperature <u>15.5</u> °C		
	Dissolved Oxygen <u>89.2</u> %		
	Dissolved Oxygen <u>8.90</u> mg/L		
	Specific Conductance <u>312</u> µS/cm		
	pH <u>7.66</u> S.U.		
	Turbidity <u>2.38</u> NTU		
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> 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): <u>Field Blank @ 1450</u>		
	pH of Preserved Samples: Nutrients= <u>22</u> Metals= <u>22</u>		
	Laboratory(s): <u>AEP, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= Date=		
	Field Comments:		
Visitors on Site:			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>TUOKNW74</u>					Date: <u>11/20/2019</u>				
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream									
	Distance: <u>200</u> (ft)			Structure description: <u>Bridge</u>						
	Direction of flow:			Flow Meter: <u>SonTek FlowTracker</u>						
	If flow is not measured circle one: <u>Too low</u> Unsafe Conditions SJRWMD gauge ACEPD gauge									
	Gauged Stream Flow: <u>826</u> (cubic feet/second)									
	Station		Depth	Velocity	Station		Depth	Velocity	Station	
	ft m (circle)		(ft)	(ft/s)	ft m (circle)		(ft)	(ft/s)	ft m (circle)	
Stream Bank Description:										
Stream Bottom Description:										
Pictures of: Station ☐ Upstream ☐ Downstream ☐										
Site Sketch										