



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

G1NE0906

October 2018

Sample Info	Station ID: <u>PAR1491</u>	Sample Sequence Number: <u>①</u>	Sample Date: <u>9/10/19</u>
	Project Name: <u>SRB1909</u>		Collection Time: <u>9:55</u>
	Location Description:		
Weather	Sampler: <u>E. Tavares</u>		Sampler: <u>N. Volls</u>
	Ambient: <u>hot, cloudy</u>		Air Temperature: <u>28°C</u>
Field Water Quality Data	Last 7 Days:		
	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>30 ft</u> (ft)		Structure description: <u>box culvert under R491</u>
	Sample Depth (from surface): <u>0.7</u> (ft)		Total Water Depth at Sample Point: <u>1.5</u> (ft)
	SECCHI (from surface): (ft)		Total Water Depth at SECCHI point: (ft)
	Staff Gauge: <u>N/A</u> (ft)		
	Field Meters: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) <u>#5</u> <u>#6</u>		
	Water Temperature <u>24.8</u> °C		
	Dissolved Oxygen <u>75.2</u> %		
	Dissolved Oxygen <u>6.18</u> mg/L		
	Specific Conductance <u>205.3</u> µS/cm		
	pH <u>6.99</u> S.U.		
Turbidity <u>7.41</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):		
	pH of Preserved Samples: <u>Nutrients= 22.5</u> <u>Metals= 2.2</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered or Shipped</u> Time= <u>1545</u> Date= <u>9/10/19</u>		
	Field Comments: <u>FDEP samples taken here</u>		
Visitors on Site: <u>ACEPD staff</u>			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>PAR1909</u>				Date: <u>9/10/19</u>			
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream							
	Distance: <u>100 ft</u> (ft)		Structure description: <u>box culvert under 1491</u>					
	Direction of flow:				Flow Meter: <u>SenTek FlowTracker</u>			
	If flow is not measured circle one: ☐ Too low ☐ Unsafe Conditions ☐ SJRWMD gauge ☐ ACEPD gauge							
	Gauged Stream Flow: <u>1.136</u> (cubic feet/second)							
	Station		Depth		Velocity		Station	
	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)	(ft/s)	ft m (circle)	(ft)
Stream Bank Description: <u>farms</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

G1NE0917

October 2018

Sample Info	Station ID: <u>PAR262</u>	Sample Sequence Number: <u>(2)</u>	Sample Date: <u>9/10/19</u>
	Project Name: <u>SRB1909</u>		Collection Time: <u>1020</u>
	Location Description:		
Weather	Sampler: <u>E. Tavaraz</u>	Sampler: <u>N. Volk</u>	
	Ambient: <u>hot, cloudy</u>	Air Temperature: <u>28°C</u>	
Field Water Quality Data	Last 7 Days:		
	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>3</u> (ft)	Structure description: <u>box culvert under 262</u>	
	Sample Depth (from surface): <u>0.3</u> (ft)	Total Water Depth at Sample Point: <u>0.6</u> (ft)	
	SECCHI (from surface): <u>0.3</u> (ft)	Total Water Depth at SECCHI point: (ft)	
	Staff Gauge: <u>n/a</u> (ft)		
	Field Meters: <u>YSI Pro-Plus 2</u> (pH, Cond, DO, and Temp);	Hach 2100P Turbidity (circle) #5 <u>#6</u>	
	Water Temperature: <u>24.5</u> °C		
	Dissolved Oxygen: <u>80.2</u> %		
	Dissolved Oxygen: <u>6.71</u> mg/L		
	Specific Conductance: <u>216.7</u> µS/cm		
	pH: <u>6.93</u> S.U.		
Turbidity: <u>7.63</u> 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= <u>2.2</u> Metals= <u>2.2</u>		
	Laboratory(s): <u>AEI, Test America</u>		
	Laboratory(s) Delivery: Hand Delivered or Shipped Time= <u>1545</u> Date= <u>9/10/19</u>		
	Field Comments: <u>FRED Samples taken here</u>		
Visitors on Site: <u>ACEPD staff</u>			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: PAR262						Date: 9/10/19		
	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: Forested									
Stream Bottom Description: _____									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									



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SURFACE WATER SAMPLING FIELD LOG SHEET

G1NE0907

October 2018

Sample Info	Station ID: <u>MILLBEL</u>	Sample Sequence Number: <u>3</u>	Sample Date: <u>9/10/19</u>
	Project Name: <u>SRB 1909</u>		Collection Time: <u>1050</u>
	Location Description:		
Weather	Sampler: <u>E. Tavaraz</u>	Sampler: <u>N. Volk</u>	
	Ambient: <u>hot, cloudy</u>	Air Temperature: <u>29°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> 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>at outflow</u> (ft)	Structure description: <u>circular culverts</u>	
	Sample Depth (from surface): <u>0.5</u> (ft)	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: <u>YSI Pro Plus 2</u> (pH, Cond, DO, and Temp)	Hach 2100P Turbidity (circle)	<u>#5</u> <u>#6</u>
	Water Temperature <u>24.2</u> °C		
	Dissolved Oxygen <u>60.9</u> %		
	Dissolved Oxygen <u>5.08</u> mg/L		
	Specific Conductance <u>98.6</u> µS/cm		
	pH <u>6.44</u> S.U.		
Turbidity <u>4.76</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 taken here 11:15</u>		
	pH of Preserved Samples: <u>Nutrients < 2</u> <u>Metals < 2</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>shipped</u>	Time: <u>1545</u>	Date: <u>9/10/19</u>
	Field Comments: <u>Sample taken downstream of bridge due to very low flow.</u> <u>FDEP samples taken here</u>		
Visitors on Site: <u>ACEPD staff</u>			

SURFACE WATER FIELD DATA SHEET - Page 2

Stream Flow Data	ACEPD ID: <u>MILLBEL</u>						Date: <u>9/10/19</u>		
	Location of stream cross section relative to permanent structure: (circle)						☐ Upstream ☒ <u>Downstream</u>		
	Distance: <u>50 ft</u> (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 ☐ ACEPD gauge								
	Gauged Stream Flow: <u>0.540</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>forested. Stabilized with tree roots</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

G1NE0915

October 2018

Sample Info	Station ID: <u>TURKNW74</u>	Sample Sequence Number: <u>(5)</u>	Sample Date: <u>9/10/19</u>
	Project Name: <u>SRB1909</u>		Collection Time: <u>1240</u>
	Location Description:		
Weather	Sampler: <u>E. Tavaroz</u>		Sampler: <u>N. Volk</u>
	Ambient: <u>hot, cloudy</u>		Air Temperature: <u>32°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> 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</u> (ft)		Structure description: <u>NW 74th bridge</u>
	Sample Depth (from surface): <u>0.35</u> (ft)		Total Water Depth at Sample Point: <u>0.70</u> (ft)
	SECCHI (from surface): <u>0.70</u> (ft)		Total Water Depth at SECCHI point: <u>0.70</u> (ft)
	Staff Gauge: <u>N/A</u> (ft)		
	Field Meters: YSI Pro Plus 2 (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) #5 <u>#6</u>		
	Water Temperature <u>24.7</u> °C		
	Dissolved Oxygen <u>87.9</u> %		
	Dissolved Oxygen <u>6.94</u> mg/L		
	Specific Conductance <u>159.0</u> µS/cm		
	pH <u>7.52</u> S.U.		
Turbidity <u>3.89</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 Samples Collected (Description, Field ID, and Time):		
QA/QC Data	pH of Preserved Samples: <u>Nutrients= < 2</u> <u>Metals= < 2</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u> Time= <u>1545</u> Date= <u>9/10/19</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>TURKAW74</u>					Date: <u>9/10/19</u>			
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream								
	Distance: <u>50</u> (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 ACEPD gauge								
	Gauged Stream Flow: (cubic feet/second) <u>1.287</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>unshaded, grass</u>									
Stream Bottom Description: <u>shifting sands</u>									
Pictures of: Station ☐ Upstream ☐ Downstream ☐									
Site Sketch									