

2018-03-12-
17Win ID:G1NE0908
QC BD 04/09/2018

ENVIRONMENTAL PROTECTION DEPARTMENT

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Reviewed By: GAO

Date: 4/4/18

Data Entered By:

Date:

SURFACE WATER SAMPLING FIELD LOG SHEET

June 2017

Sample Info	Station ID: <u>ALACHCHAN</u>	Sample Sequence Number: <u>2</u>	Sample Date: <u>3/12/18</u>
	Project Name: <u>OCB1803</u>		Collection Time: <u>12/0</u>
	Location Description: <u>from boardwalk 100ft from gazebo</u>		
	Sampler: <u>Patrick</u>		Sampler: <u>Alex</u>
Weather	Ambient: <u>windy, sunny, chilly</u>		Air Temperature: <u>18°C</u>
	Last 7 Days: <u>cool dry 0.1" in last 48 hrs</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: <u>—</u>		
	Location of sample collection point relative to permanent structure: (circle) <u>Next to</u> <u>Upstream</u> <u>Downstream</u>		
	Distance: <u>6</u> (ft)	Structure description: <u>boardwalk</u>	
	Sample Depth (from surface): <u>0.5</u> (ft)	Total Water Depth at Sample Point: <u>unknown</u> (ft)	
	SECCHI (from surface): <u>Not measured</u> (ft)	Total Water Depth at SECCHI point: <u>Not measured</u> (ft)	
	Staff Gauge: <u>—</u> <u>unsafe</u> (ft)		
	Field Meters: <u>YSI Pro Plus</u> (pH, Cond, DO, and Temp); <u>Hach 2100P</u> Turbidity (circle) <u>#5</u> <u>#6</u>		
	Water Temperature: <u>18.6</u>	C°	
	Dissolved Oxygen: <u>46.1</u>	%	
	Dissolved Oxygen: <u>4.29</u>	mg/L	
	Specific Conductance: <u>90.8</u>	µS/cm	
	pH: <u>6.1</u>	S.U.	
	Turbidity: <u>1.49</u>	NTU	
Sediment Sample Data	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: <u>—</u> (ft)	Structure description: <u>—</u>	
	Sample Site Description: (near bank, etc)		
	Sample Time: <u>—</u>	Sample Method: <u>—</u>	
	Sample Depth: <u>—</u> (ft)	Sample Color: <u>—</u>	
	Sediment Odors: <u>—</u>	Sample Texture: <u>—</u>	
QA/QC Data	QA Samples Collected (Description, Field ID, and Time):		
	pH of Preserved Samples: <u>Nutrients= good</u> <u>Metals= good</u>		
	Laboratory(s): <u>AEL, Test America, Fedex, FDEP</u>		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or <u>Shipped</u> Time= <u>—</u> Date= <u>—</u>		
	Field Comments: <u>Additional samples for FDEP</u>		
Visitors on Site: <u>None</u>			

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Stream Flow Data	ACEPD ID: <u>ALACHUAN</u>					Date: <u>2/12/15</u>			
	Location of stream cross section relative to permanent structure: (circle)					Upstream		Downstream	
	Distance: <u> </u> (ft)			Structure description: <u> </u>					
	Direction of flow: <u> </u>			Flow Meter: SonTek FlowTracker					
	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>Flooded</u>									
Stream Bottom Description: <u>unsafe</u>									
Pictures of: Station ☒ Upstream ☐ Downstream ☐									
Site Sketch	The sketch depicts a stream channel. On the right bank, there is a rectangular structure labeled 'Gazebo'. A curved line representing a 'boardwalk' crosses the stream. Two arrows point to specific locations in the stream labeled 'samples'. There are also some wavy lines representing vegetation or water flow on the left bank.								