



ENVIRONMENTAL PROTECTION DEPARTMENT

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Reviewed By: GAO
Date: 6/26/18
Data Entered By: NAV
Date: 6/29/18

SURFACE WATER SAMPLING FIELD LOG SHEET

June 2017

Sample Info	Station ID: <u>BIV441</u>	Sample Sequence Number: <u>(2)</u>	Sample Date: <u>6/13/18</u>
	Project Name: <u>OCB180C</u>		Collection Time: <u>9:30</u>
	Location Description: <u>Bivens arm outlet</u>		
Sampler: <u>G. Owen</u>		Sampler: <u>N. Volk</u>	
Weather	Ambient: <u>hot, sunny</u>		Air Temperature: <u>26.5°C</u>
	Last 7 Days: <u>1.07" past 7 days</u> <u>0.68" in past 48 hours</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>NA</u>		
	Location of sample collection point relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>		
	Distance: <u>3</u> (ft)	Structure description: <u>outlet/culvert on 441</u>	
	Sample Depth (from surface): <u>1.8</u> (ft)	Total Water Depth at Sample Point: <u>3.95</u> (ft)	
	SECCHI (from surface): <u>0.90</u> (ft)	Total Water Depth at SECCHI point: (ft)	
	Staff Gauge: <u>NA</u> (ft)		
	Field Meters: <u>YSI Pro Plus</u> (pH, Cond, DO, and Temp);		Hach 2100P Turbidity (circle) <u>#5</u> <u>#6</u>
	Water Temperature: <u>27.9</u>	°C	
	Dissolved Oxygen: <u>1.7</u>	%	
	Dissolved Oxygen: <u>9.17</u>	mg/L	
	Specific Conductance: <u>161</u>	µS/cm	
	pH: <u>9.29</u> <u>9.58</u> <u>NAV</u>	S.U.	
	Turbidity: <u>34.1</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>NA</u>		
	pH of Preserved Samples: <u>Nutrients= good</u> <u>Metals= good</u>		
	Laboratory(s): <u>AEL, Test America</u>		
	Laboratory(s) Delivery: <u>Hand-Delivered</u> or Shipped	Time=	Date=
	Field Comments: <u>No boat, collected sample at outlet</u> <u>of Bivens arm</u>		
Visitors on Site:			

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Stream Flow Data	ACEPD ID: <u>BEV441</u>					Date: <u>6/13/18</u>			
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> Downstream								
	Distance: _____ (ft)				Structure description: <u>Culvert</u>				
	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>wetland</u>									
Stream Bottom Description: <u>water too green to see</u>									
Pictures of: Station ☐ Upstream ☒ Downstream ☒									
Site Sketch	The sketch shows a stream channel flowing from the bottom left towards the top right. A culvert crosses the stream. A sample point is marked with an 'x' in the stream just downstream of the culvert. To the right of the culvert, there is a 'parking lot' and a 'paver'. The stream is labeled 'Bivers Arm' and the number '441' is written above the culvert.								