



ENVIRONMENTAL PROTECTION DEPARTMENT

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Reviewed By: GAO
Date: 6/26/18
Data Entered By: NAW
Date: 6/26/18

SURFACE WATER SAMPLING FIELD LOG SHEET

June 2017

Sample Info	Station ID: TUMSW5	Sample Sequence Number: 37	Sample Date: 6/13/18
	Project Name: OCB180G		Collection Time: 1020
	Location Description: Tumbler Creek at US 441 S of SW 5th Ave		
	Sampler: G. Owen		Sampler: N. Valls
Weather	Ambient: hot, sunny		Air Temperature: 25.5°C
	Last 7 Days: 1.07" in past 7 days, 0.68" in past 48		
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: NA		
	Location of sample collection point relative to permanent structure: (circle) Upstream <u>Downstream</u>		
	Distance: 100 (ft)	Structure description: Culvert at 5th Ave	
	Sample Depth (from surface): 0.5 (ft)	Total Water Depth at Sample Point: 1.40 (ft)	
	SECCHI (from surface): (ft)	Total Water Depth at SECCHI point: (ft)	
	Staff Gauge: (ft)		
	Field Meters: <u>YSI Pro Plus</u> (pH, Cond, DO, and Temp); Hach 2100P Turbidity (circle) #5 <u>#6</u>		
	Water Temperature: 20.0	C°	
	Dissolved Oxygen: 72.7	%	
	Dissolved Oxygen: 5.91	mg/L	
	Specific Conductance: 412.4	µS/cm	
	pH: 7.44	S.U.	
	Turbidity: 2.07	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): NA		
	pH of Preserved Samples: Nutrients= <u>good</u> Metals= <u>good</u>		
	Laboratory(s): <u>AEI</u> , Test America		
	Laboratory(s) Delivery: <u>Hand Delivered</u> or Shipped Time= Date=		
	Field Comments: <u>Construction work upstream on SW 5th Ave, storm network and headwall has been redeveloped in the past year</u>		

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Stream Flow Data	ACEPD ID: <u>TUMSW5</u>					Date: <u>6/15/18</u>			
	Location of stream cross section relative to permanent structure: (circle) <u>Upstream</u> <u>Downstream</u>								
	Distance: <u>150</u> (ft)			Structure description:					
	Direction of flow: <u>South</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: <u>0.291</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>high erosion on sandy banks, urban env.</u>									
* <u>construction on nearby construction complex - no increased</u>									
Stream Bottom Description: <u>sandy / rocky</u> <u>turbidity</u> <u>see obvious</u>									
Pictures of: Station ☒ Upstream ☒ Downstream ☒									
Site Sketch	SW 5th Ave pipe flow rocks for erosion prevention x sample site house sewer line								