

MARCH 26, 2013 15:45

BLM Number _____

FIELD FORM

Site Code _____

ARAVAIPA CANYON WILDERNESS AREA

Site Name BOGGER CANYON

Field Crew B. WEISS
B. MURRAY

FIELD DATA						
Air Temp.		°C	Sp Cond.	295.0	µS/cm	Weather Conditions:
Water Temp.	13.10	°C	ORP	-60.4	mVolt	
D.O.	7.60	mg/L	Turbidity	Avg= NTU	Bottle 1= NTU	DI Bottle 1= NTU
D.O. %	72.2	%	Standard		Bottle 2= NTU	DI Bottle 2= NTU
pH	8.12	SU	Calibration	Cal = NTU	Bottle 3= NTU	DI Bottle 3= NTU
				Read = NTU		

FIELD CALIBRATIONS		
SEE LOG MULTIPROBE LOG BOOK _____ FOR CALIBRATION INFORMATION		
% D.O.	Barometric Pressure in mm Hg = 680.20	Post-cal. Reading = _____ %

SAMPLE COLLECTION INFORMATION		
<input type="checkbox"/> Grab <input type="checkbox"/> Submerged Bottle (s) <input type="checkbox"/> Reach pole <input type="checkbox"/> Churn Splitter		
Circle where sample taken	LEW----- ¼ ----- ½ ----- ¼ -----REW	Run <input type="checkbox"/> , Riffle, <input type="checkbox"/> , Pool <input type="checkbox"/>

E. COLI				
Collection Time		Incubation Time-in		Enumeration Time
Number Positive Large Wells		Number of Positive Small Wells		Most Probable Number

EQUIPMENT USED ,LOT NUMBERS, SAMPLES COLLECTED, GENERAL CONDITIONS				
Parameter	Serial or Lot #	Samples Collected	Condition sampled	Pictures
Multiprobe	VST PRO PLUS SN: JCO11544	Inorganics <input checked="" type="checkbox"/>	Baseflow <input checked="" type="checkbox"/>	Upstream <input checked="" type="checkbox"/>
Turbidity meter		Metals <input type="checkbox"/>	Storm flow <input type="checkbox"/>	Downstream <input checked="" type="checkbox"/>
Flow meter	FLUAT METHOD	Nutrients <input type="checkbox"/>	Spring Runoff <input type="checkbox"/>	Left Bank <input type="checkbox"/>
Sulfuric Acid		SSC <input type="checkbox"/>		Right Bank <input type="checkbox"/>
Nitric Acid		Bacteria <input type="checkbox"/>		Other (specify) <input type="checkbox"/>
Other		Clean Metals <input type="checkbox"/>		

Form Checked by

FLOW MEASUREMENTS				TOTAL Q = 0.10 CFS
Measurement from Run <input checked="" type="checkbox"/> , Riffle, <input type="checkbox"/> , Pool <input type="checkbox"/>				
Station	Distance (ft)	Depth (ft)	Velocity (ft/s)	Comments
1			4.85 SEC	
2			4.52 SEC	CHANNEL WIDTH = 1.0 FT (EST)
3			4.56 SEC	
4			4.69 SEC	STREAM DEPTH = 0.17 FT (EST)
5			4.52 SEC	
6				RUN LENGTH = 4.0 FT (EST)
7				
8				
9				
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12				
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26				

IF UNSAFE TO GAGE USE FLOAT METHOD- NEED TO EST. CHANNEL WIDTH, STREAM DEPTH, AND VELOCITY (MEASURE TIME REQUIRED FOR AN OBJECT TO TRAVEL A GIVEN DISTANCE (I.E. 100FT) ONCE PLACED IN STREAM, REPEAT 5 TIMES TO DETERMINE AVERAGE VELOCITY)

FIELD NOTES
NOTE ANY DEVIATIONS FROM SOPs, CHANGE IN SAMPLE LOCATION, AND ANY OTHER USEFUL INFORMATION REGARDING DATA COLLECTED AT THIS SITE.
FLOAT METHOD

QUALITY CONTROL SAMPLE INFORMATION		
Type of QC Sample (ie blank, dup, etc)	Your Identifying Code	Lab Tracking Number

Form Checked by