BLM Number _____

MARCH 25, 2013 1700

FIELD FORM

Site Code_____ **ARAVAIPA CANYON WILDERNESS AREA**

Site Name TRAMPING CANYON - ARAVAIPA CANYON WILDERNESS Field Crew B. NELLS D. MURRAY

FIELD DATA							
Air Temp.		°C	Sp Cond.	412.70	µS/cm	Weather Conditions:	
Water Temp.	14.90	°C	ORP	-66.70	mVolt	70-80°F CLEAR SKIES, WIND 0-2 MPH	
D.O.	8.28	mg/L	Turbidity	Avg= NTU	Bottle 1= NTU	DI Bottle 1= NTU	
D.O. %	82.10	%	Standard		Bottle 2= NTU	DI Bottle 2= NTU	
pH	8.22	SU	Calibration	Cal = NTU Read= NTU	Bottle 3= NTU	DI Bottle 3= NTU	

FIELD CALIBRATIONS	SEE LOG MUTIPROBE LOG BOOK _____ FOR CALIBRATION INFORMATION	
% D.O.	Barometric Pressure in mm Hg = 683.70	Post-cal. Reading = %

SAMPLE COLLECTION INFORMATION		
☐ Grab ☐ Submerged Bottle (s) ☐ Reach pole ☐ Churn Splitter		
Circle where sample taken	LEW----- ¾ ----- ½ ----- ¼ -----REW	Run ☐, Riffle, ☐, Pool ☐

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	YSI PRO PLUS-4 S/N: JC011544	Inorganics ☒	Baseflow ☒	Upstream ☒
Turbidity meter		Metals ☐	Storm flow ☐	Downstream ☒
Flow meter	MARSH-McBIRNEY FLOMATE 2000 SN: 2003459	Nutrients ☐	Spring Runoff ☐	Left Bank ☐
Sulfuric Acid		SSC ☐		Right Bank ☐
Nitric Acid		Bacteria ☐		Other (specify) ☐
Other		Clean Metals ☐		

Form Checked by ☐

FLOW MEASUREMENTS

TOTAL Q= 0.04 CFS

Measurement from Run [X], Riffle, [ ], Pool [ ]

Station	Distance (ft)	Depth (ft)	Velocity (ft/s)	Comments
1 2.0		0.00	0.00	LEFT EDGE OF WATER
2 2.4		0.05	0.00	
3 2.6		0.10	0.00	
4 2.8		0.27	0.10	
5 3.0		0.25	0.10	
6 3.2		0.25	0.10	
7 3.6		0.28	0.10	
8 4.0		0.22	0.06	
9 4.2		0.26	0.06	
10 4.4		0.22	0.05	
11 4.5		0.05	0.00	
12 4.7		0.00	0.00	RIGHT EDGE OF WATER
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

IF UNSAFE TO GAGE USE FLOAT METHOD- NEEDTO EST. CHANNEL WIDTH, STREAM DEPTH, AND VELOCITY (MEASU RE 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.

MARSH McBIRNEY

QUALITY CONTROL SAMPLE INFORMATION

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

Form Checked by [ ]