

World Water Monitoring Day 2009

10-Oct-09

W:
N:
GPS_ID:

DOC_ID# : _____

Field Data Sheet

Please Use one sheet for each Station. Use back for comments.

Watershed: _____

Watershed Group Name: _____

Hydrologic Unit ID: _____

Station (Site) ID: _____

Waterbody: _____

Site map is attached to this data sheet, please update if necessary.

Flow discharge (circle one): Stagnant (NOT Flowing); Trickle (< 1 quart/sec); Moderate (< 5 gal/sec); High (> 5 gal/sec)	Volunteer Monitors	
	TEAM LEADER (list full names & phone #): _____ 2) _____ 3) Phone: () _____ _____ 4) _____ 5) (list additional names on back)	
Weather Conditions (circle): Has it rained within the last 24 hours? Y / N		
-- SKY -- no clouds partly cloudy heavy clouds overcast	-- PRECIPITATION -- none foggy misty rain	-- WIND -- none breezy windy blustery

Time of Field Measurements: _____

INSTRUMENT ID	PARAMETER	RESULT	Replicate	UNITS (circle appropriate unit)	
	Air Temperature			F or C	Water Clarity (circle one): clear cloudy murky (water itself, not scum)
	H2O Temperature			F or C	
	pH			pH units	
	Dissolved Oxygen			mg/l (ppm)	Sampling device used? Y N If so, what kind? Kemmerer bottle other:
	Specific Conductivity			µS/cm mS/cm	
	Turbidity			JTU NTU	
	Transparency			cm	
	Salinity			ppt	
				UNIT _____	
				UNIT _____	
				UNIT _____	

Notes and Observations : (include any equipment comments/problems or observations such as water color, trash composition, etc...)	Fish or Wildlife Observed: (describe number seen, length of fish, and behavior)
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Sample Collection:				
Sample ID:	Time Collected:	Collected by:	Type:	Container type :
			Bacteria	
			Nutrient	
Sample Custody:				
Relinquished By:		Received By:		
Date /Time:		Date /Time:		

This event sponsored by the California State Water Resources Control Board, the US Environmental Protection Agency, the California Coastal Commission, the Monterey Bay Sanctuary Foundation, and the Coastal Watershed Council among many others.

Do not jeopardize your personal safety to complete this datasheet.

A = Measured Value

B = Replicate Value

$$\text{Precision:} = \left[\frac{|A-B| * 100}{(A+B)/2} \right] = \%$$

Example: A = Measured Value = 1210
 B = Replicate Value = 1150

$$\frac{|1210 - 1150| * 100}{(1210 + 1150) / 2}$$

$$\frac{|60| * 100}{(2360) / 2}$$

$$\frac{6000}{1180}$$

5.084

Precision: =

X = Pre Calibration Reading

Y = Calibrated Reading

SV=Standard Value ("known")

$$\left[\frac{(X - Y) * 100}{SV} \right] = \%$$

Example: X = Pre Calibration Reading = 1440
 Y = Calibrated Reading = 1410
 SV=Standard Value ("known") = 1413

$$\frac{(1440-1410) * 100}{1413}$$

$$\frac{(30) * 100}{1413}$$

$$\frac{3000}{1413}$$

2.12

Accuracy: =

Example

Sample Collection:				
<u>Sample ID:</u>	<u>Time Collected:</u>	<u>Collected by:</u>	<u>Type:</u>	<u>Container type :</u>
304 - ELKHO-31-B	11:42am	Tamara Doan	Bacteria	Whirlpak
304 - ELKHO-31-N	11:45am	Tamara Doan	Nutrient	Whirlpak
304 - ELKHO-31-FB	11:52am	Bridget Hoover	Field Blank	Whirlpak
N/A	---	----	_____	-----
Sample Custody:				
Relinquished By:	Tamara Doan	Received By:	Alan Romero	
Date /Time:	5/7/2005 12:45	Date /Time:	5/7/2005 12:45	