

California Snapshot Day 2010

8-May-10



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)

Weather Conditions (circle):
 Has it rained within the last 24 hours? Y / N

-- SKY-- -- PRECIPITATION-- -- WIND--

no clouds	partly cloudy	none	none	breezy
heavy clouds	overcast	foggy	windy	blustery
		misty		
		rain		

Volunteer Monitors

TEAM LEADER (list full names & phone #): _____

_____ 2)

Phone: () _____ -- _____ 3)

_____ 4) _____ 5)

(list additional names on back)

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)	μ
_____	Specific Conductivity	_____	_____	μS/cm mS/cm	Sampling device used? Y N If so, what kind? Kemmerer bottle other: _____
_____	Turbidity	_____	_____	JTU NTU	
_____	Transparency	_____	_____	cm	
_____	_____	_____	_____	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)

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.

Prec-Accur eqns

A = Measured Value B = Replicate Value
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: = 5%

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: = 2.1%
