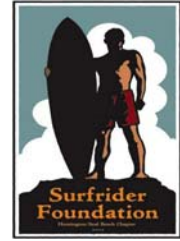


Surfrider Foundation

Huntington Beach/Seal Beach Chapter
Blue Water Task Force Newsletter



February, 2010

Chapter Members Participate in World Water Monitoring Day Event.

On Oct. 10, 2009 Citizen Watershed Monitors of Orange County (CWMOC) members participated in a one-day exercise conducted to monitor the water quality of our local watershed. Samples were collected at several sites between the Cerritos Channel in Long Beach and San Mateo Creek. The samples were analyzed for chemical, physical and microbiological contaminants. Sites included samples from ocean shoreline, estuary, and fresh water locations. Primary indicators of concern continue to be pathogen indicators (fecal indicator bacteria) and at some locations low dissolved oxygen.

World Water Monitoring Day™ (WWMD) is an international education and outreach program that builds public awareness and involvement in protecting water resources around the world by engaging citizens to conduct basic monitoring of their local water bodies.

World Water Monitoring Day is officially celebrated on **September 18**; however, the monitoring window was extended for the first time in 2009 from March 22 ([World Water Day](#)) until December 31. Participants are encouraged to celebrate with WEF and IWA in September or to observe their own WWMD anytime during the extended window. The deadline for submitting data to the WWMD database is December 31.

The coordinators of WWMD, the [Water Environment Federation](#) (WEF) and the [International Water Association](#) (IWA) plan to expand participation to one million people in 100 countries by 2010. These world-wide water quality events have been conducted yearly since first initiated by the Water Education Foundation (WEF) in July 2002, World Water Monitoring Day (WWMD) is an international outreach program that builds public awareness and involvement in protecting water resources around the world. Held annually between September 18 and October 18, the program engages communities in monitoring the condition of local rivers, streams, estuaries and other water bodies. Since its inception in 2002, more than 80,000 people have participated in 50 countries. www.worldwatermonitoringday.org Space for the location of the laboratory and inter-calibration activities for the event was provided by the Orange County Coastkeeper facilities in Costa Mesa.

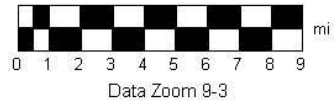
Sponsored by America's Clean Water Foundation and the International Water Association, the U.S. EPA, a host of global partners, and supported by the State and Regional Water Quality Control Boards, World Water Monitoring Day is an outgrowth of the first year's National Water Monitoring Day, during which more than 75,000 Americans participated in monitoring events and educational programs.

World Water Monitoring Day serves as a global educational opportunity for watershed groups, educators and trained volunteers to build and support watershed stewardship through volunteer involvement in monitoring and collection of data on the health of our watersheds.

Don Schulz
Blue Water Task Force



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Site Map

WORLD WATER MONITORING DAY DATA -2009

Org. Name	Site Name	Turbidity (JTU/NTU)	Air Temp.	Water Temp.	Dissolved Oxygen (mg/l)	Ph	Total Coliform: (MPN/100ml)	Total E. Coli: (MPN/100ml)	Total Enterococcus (MPN/100mL)	Protocols followed	
CWMOC/OCCK	San Mateo 2	11 FAU	22.7°C	17.6°C	ND	7.4	17329	689	ND	Yes	
CWMOC/OCCK	San Mateo 1	The site was dry						ND	ND	ND	Yes
CWMOC/OCCK	Cristianitos 1	The site was dry						ND	ND	ND	Yes
CWMOC/OCCK	Cristianitos 2	2.67 FAU	22.7°C	15.8°C	ND	8.1	6910	630	727	Yes	
CWMOC/OCCK	San Juan Creek 2	16 FAU	16.3°C	17.5°C	3	7.1	8160	100	13.4	Yes	
CWMOC/OCCK	San Juan Creek 1	The site was dry						ND	ND	ND	Yes
CWMOC/HSBSF	Bolsa Chica Bridge	1.8 NTU	19.0°C	18.0°C	7.4	8	410	<10	ND	Yes	
CWMOC/HSBSF	Magnolia Street.	1.8 NTU	18.5°C	19°C	7.2	8.1	10	<10	ND	Yes	
CWMOC/HSBSF	Santa Ana River - Edison Power Plant	1.3 NTU	18.5°C	19°C	6.7	8.1	52	10	ND	Yes	
CWMOC/HSBSF	Peter's Landing	1.8 NTU	18°C	18.0°C	5.1	7.9	187	20	ND	Yes	
CWMOC/HSBSF	Seal Beach Pier	2.6 NTU	16°C	18°C	6.7	8.1	85	30	ND	Yes	
CWMOC/HSBSF	S.G. River Mouth	1.6 NTU	22.5°C	19°C	4.8	8	6131	30	ND	Yes	
CWMOC/HSBSF	Cerritos Channel	6.4 NTU	22.5°C	19°C	4	7.8	135	10	ND	Yes	
CWMOC/DIVERS	Big Canyon Creek	2.9 NTU	17°C	17°C	3.7	7.7	28630	<100	435.2	Yes	
CWMOC/DIVERS	San Diego Creek	3.6 NTU	17°C	19°C	6	8.3	11199	41	365.4	Yes	
CWMOC/DIVERS	Santa Ana River	2.2 NTU	19°C	18°C	7.3	8.1	1500	41	107.6	Yes	

NOTE:	
CWMOC	The Citizen Watershed Monitors of Orange County
OCCK	Orange County Coastkeeper
HSBSF	Huntington/Seal Beach Surfrider Foundation
DIVERS	Divers Involved Voluntarily in Environmental Rehabilitation & Safety
ND	No Data

WORLD WATER MONITORING DAY DATA-2009

Org. Name	Site Name	Water Body Name	Water Body Type	Site City	GPS Latitude/Longitude		Date	Time
CWMOC/OCCK	San Mateo 2	San Mateo Creek	Creek	San Clemente	34° 23'23	-117° 35'28	10/10/2009	9:15
CWMOC/OCCK	San Mateo 1	San Mateo Creek	Creek	San Clemente	34° 23'33	-117° 35'25	10/10/2009	9:00
CWMOC/OCCK	Cristianitos 1	Cristianos Creek	Creek	San Clemente	33° 27'19	-117° 34'12	10/10/2009	10:10
CWMOC/OCCK	Cristianitos 2	Cristianos Creek	Creek	San Clemente	33° 27'16	-117° 34'12	10/10/2009	10:15
CWMOC/OCCK	San Juan Creek 2	San Juan Creek	Creek	San Clemente	33° 30'55	-117° 31'43	10/10/2009	9:35
CWMOC/OCCK	San Juan Creek 1	San Juan Creek	Creek	San Clemente	33° 35'30	-117° 30'40	10/10/2009	10:10
CWMOC/HSBSF	Bolsa Chica Inlet Bridge	Bolsa Chica Bay	Estuary	Huntington Beach	33° 40.98'	-118° 02'16	10/10/2009	10:30
CWMOC/HSBSF	Magnolia Street.	Huntington Beach	Sea Water	Huntington Beach	33° 38.49	-117° 58.70	10/10/2009	11:30
CWMOC/HSBSF	Santa Ana River - Edison Power Plant	Huntington Beach	Sea Water	Huntington Beach	33° 38.65	-117° 59.12	10/10/2009	11:00
CWMOC/HSBSF	Peter's Landing	Anaheim Bay	Estuary	Seal Beach	33° 43.47	-118° 04.61	10/10/2009	10:00
CWMOC/HSBSF	Seal Beach Pier	Seal Beach	Sea Water	Seal Beach	33°44.26	-118° 06.36	10/10/2009	9:20
CWMOC/HSBSF	San Gabriel River Mouth	San Gabriel River	Estuary	Seal Beach	33°45.25	-118° 06.19	10/10/2009	9:00
CWMOC/HSBSF	Cerritos Channel	Cerritos Channel	Estuary	Seal Beach	33°45.89	-118°06.79	10/10/2009	8:30
CWMOC/DIVERS	Big Canyon Creek	Big Canyon Creek	Creek	Newport Beach	33°37.89	-117°53.09	10/10/2009	9:55
CWMOC/DIVERS	San Diego Creek	San Diego Creek	Creek	Newport Beach	33°39.04	-117°52.02	10/10/2009	8:10
CWMOC/DIVERS	Santa Ana River	Santa Ana River	Estuary	Newport Beach	33°37.94	-117°57.34	10/10/2009	11:15

NOTE:	
CWMOC	The Citizen Watershed Monitors of Orange County
OCCK	Orange County Coastkeeper
HSBSF	Huntington/Seal Beach Surfrider Foundation
DIVERS	Divers Involved Voluntarily in Environmental Rehabilitation & Safety
Precipitation	None-cloudy