

World Water Monitoring Day
14 October 2009

Site	GPS Coordinates Latitude N Longitude W	Group	Total Coliform (MPN/100ml)	Positive TC Wells (#/5ml)	Total E. Coli (MPN/100ml)	Positive EC Wells (#/5ml)	Total Bacteriobion & MPN/100ml L	Positive Bacteriobion & Wells (#/5ml)	Instrument ID	Water Temp. (celsius)	Instrument ID	Air Temp. (celsius)	Instrument ID PO4(mg/L)	PO4 average (mg/L)	Instrument ID NO3(mg/L)	NO3 Average (mg/L)	Instrument ID NH3(mg/L)	NH3 average (mg/L)	NH3 Objective (Standard, mg/L)	Instrument ID	pH	Instrument ID DO(mg/l)	Average DO (mg/l)	Instrument ID EC(microsiemens)	Average EC (microsiemens)	Instrument ID Turbidity	Turbidity (FAU)	Transparency Instrument ID	Transparency Value	Instrument ID	Salinity (ppt)	Comments							
San Mateo 2	34° 23'23 N 117° 35'28 W	OCCK	17329	49 / 45	689	34 / 8			ECM10	17.6°C	Suanto Watch	22.7°C	DR5	0.12	DR5	4.57	DR5	0.04		P10	7.35			ECM10	910	DR5	11						Not enough sample to perform entero test Duplicates were performed with a different jar. Duplicate nitrate test was performed after filtration due to turbidity level >30 FAU						
San Mateo 2 (Replicate Results)	34° 23'23 N 117° 35'28 W	OCCK										DR4	0.30	DR4	1.34	DR4	0.18									DR4	41												
San Mateo 1	34° 23'33 N 117° 35'25 W	OCCK																																Dry, no sample was collected					
Cristianitos 1	33° 27'19 N 117° 34'12 W	OCCK																																Dry, no sample was collected					
Cristianitos 2	33° 27'16 N 117° 34'12 W	OCCK	6910	37 / 3	630	6 / 0	727	49 / 33	ECM10	15.8°C	Suanto Watch	22.7°C		0.81		4.97		0.02		PH10	8.06			ECM10	2800			2.67											
Cristianitos 2 (Replicate Results)	33° 27'16 N 117° 34'12 W	OCCK					816.4	49 / 35																										Bacteria tray was not removed at correct time so no data was collected					
Cristianitos 2 (Blank)	33° 27'16 N 117° 34'12 W	OCCK	<1	0 / 0	<1	0 / 0																																	
San Juan Creek 2	33° 30'55 N 117° 31'43 W	OCCK	8160	38 / 7	100	1 / 0	13.4	11 / 1	T3	17.5°C		T3	16.3°C	OCCK04	0.36	0.77	0.02			PH12	7.07		3	ECM9	2600			16						Sample taken upstream due to original site being dry (1.8 feet upstream from original site)					
San Juan Creek 1	33° 30'30 N 117° 30'40 W	OCCK																																Dry, no sample was collected					
Santa Ana River - Bolsa Chica Inlet Bridge (SF00)	33° 40'98 N 118° 02'16 W	Surfrider	410	3 / 1	<10	0 / 0			TB-SCM-17	18.0°C	TB-SCM-17	19.0°C	DR5	0.07	DR5	7.27	DR5	0.00		PHEL-SCM-07	8.0	La Motte Colorimeter	7.4	EC-SCM-05	5556	La Motte 2020 2238-0501	1.8 NTU						Aquatic Ecosystems	34	No entero data for any Surfrider data because there was not enough sample to run test				
Santa Ana River - Bolsa Chica Inlet Bridge (SF00) (Replicate Results)	33° 40'98 N 118° 02'16 W	Surfrider							TB-SCM-17	18.0°C	TB-SCM-17	19.0°C									PHEL-SCM-07	8.1	La Motte Colorimeter	7.6	EC-SCM-05	5590	La Motte 2020 2238-0501	2.0 NTU						Aquatic Ecosystems	34				
Santa Ana River - Magnolia Street, H.B. (SF01)	33° 38'49 N 117° 58'70 W	Surfrider	10	1 / 0	<10	0 / 0			TB-SCM-17	19°C	TB-SCM-17	18.5°C	DR3	0.13	DR3	1.97	DR3	0.00		PHEL-SCM-07	8.0	La Motte 2905.44	7.2	EC-SCM-05	5390	La Motte 2020 2238-0501	1.8 NTU							Aquatic Ecosystems	36				
Santa Ana River - Magnolia Street, H.B. (SF01) (Replicate Results)	33° 38'49 N 117° 58'70 W	Surfrider							TB-SCM-17	19°C	TB-SCM-17	18.0°C									PHEL-SCM-07	8.1	La Motte Colorimeter	7.2	EC-SCM-05	5490	La Motte 2020 2238-0501	1.9 NTU							Aquatic Ecosystems	36			
Santa Ana River - Edison Power Plant (SF02)	33° 38'65 N 117° 59'12 W	Surfrider	75	7 / 0	52	5 / 0			TB-SCM-17	19°C	TB-SCM-17	18.5°C	DR6	0.12	DR6	1.10	DR6	0.00		PHEL-SCM-07	8.0	La Motte Colorimeter	6.7	EC-SCM-05	5490	La Motte 2020 2238-0501	1.3 NTU							Aquatic Ecosystems	35				
Santa Ana River - Edison Power Plant (SF02) (Replicate Results)	33° 38'65 N 117° 59'12 W	Surfrider							TB-SCM-17	19°C	TB-SCM-17	18.5°C									PHEL-SCM-07	8.1	La Motte Colorimeter	6.8	EC-SCM-05	5390	La Motte 2020 2238-0501	1.4 NTU							Aquatic Ecosystems	35			
Santa Ana River - Edison Power Plant (SF02) (Blank Results)	33° 38'65 N 117° 59'12 W	Surfrider	<1	<1	0 / 0	0 / 0																																	
Santa Ana River - Anaheim Bay Peter's Landing (SF03)	33° 43'47 N 118° 04'61 W	Surfrider	187	15 / 1	20	1 / 1			TB-SCM-17	18.0°C	TB-SCM-17	18°C	DR4	1.30	DR4	0.00	DR4	0.21		PHEL-SCM-07	7.8	La Motte Colorimeter	5.1	EC-SCM-05	5490	La Motte 2020 2238-0501	1.8 NTU							Aquatic Ecosystems	35				
Santa Ana River - Anaheim Bay Peter's Landing (SF03) (Replicate Results)	33° 43'47 N 118° 04'61 W	Surfrider							TB-SCM-17	18.0°C	TB-SCM-17	18°C									PHEL-SCM-07	7.8	La Motte Colorimeter	5.2	EC-SCM-05	5487	La Motte 2020 2238-0501	1.9 NTU							Aquatic Ecosystems	35			
San Gabriel/Santa Ana - Seal Beach Pier (SF04)	33° 44'26 N 118° 06'36 W	Surfrider	85	7 / 1	30	2 / 1			TB-SCM-17	18°C	TB-SCM-17	16°C	DR3	0.12	DR3	1.80	DR3	0.00		PHEL-SCM-07	8.1	La Motte Colorimeter	6.7	EC-SCM-05	5490	La Motte 2020 2238-0501	2.6 NTU								Aquatic Ecosystems	35			
San Gabriel/Santa Ana - Seal Beach Pier (SF04) (Replicate Results)	33° 44'26 N 118° 06'36 W	Surfrider							TB-SCM-17	18°C	TB-SCM-17	16.5°C									PHEL-SCM-07	8.1	La Motte Colorimeter	6.9	EC-SCM-05	5540	La Motte 2020 2238-0501	2.5 NTU								Aquatic Ecosystems	35		
San Gabriel/Santa Ana - San Gabriel River Mouth (SF05)	33° 45'25 N 118° 06'19 W	Surfrider	6131	49 / 30	30	2 / 1			TB-SCM-17	19°C	TB-SCM-17	22.5°C	DR6	0.21	DR6	1.40	DR6	0.02		PHEL-SCM-07	7.9	La Motte Colorimeter	4.8	EC-SCM-05	5240	La Motte 2020 2238-0501	1.6 NTU								Aquatic Ecosystems	34			
San Gabriel/Santa Ana - San Gabriel River Mouth (SF05) (Replicate Results)	33° 45'25 N 118° 06'19 W	Surfrider							TB-SCM-17	19°C	TB-SCM-17	22.5°C	DR6	0.18	DR6	1.17	DR6	0.03		PHEL-SCM-07	8.1	La Motte Colorimeter	4.8	EC-SCM-05	5260	La Motte 2020 2238-0501	1.7 NTU									Aquatic Ecosystems	34		
San Gabriel River - Cerritos Channel (SF06)	33° 45'89 N 118° 06'79 W	Surfrider	135	12 / 0	10	1 / 0			TB-SCM-17	19°C	TB-SCM-17	22.5°C	DR5	0.24	DR5	7.30	DR5	0.06		PHEL-SCM-07	7.6	La Motte Colorimeter	4.0	EC-SCM-05	5556	La Motte 2020 2238-0501	6.4 NTU									Aquatic Ecosystems	34		
San Gabriel River - Cerritos Channel (SF06) (Replicate Results)	33° 45'89 N 118° 06'79 W	Surfrider							TB-SCM-17	19°C	TB-SCM-17	22°C									PHEL-SCM-07	7.7	La Motte Colorimeter	4.0	EC-SCM-05	5559	La Motte 2020 2238-0501	5.5 NTU									Aquatic Ecosystems	34	
Big Canyon Creek	33° 37'89 N 117° 53'09 W	DIVERS	28630	43 / 43	<100	0 / 0	435.2	49 / 24	TB-SCM-19	17°C	TB-SCM-19	17°C		0.48		1.70		0.01		PHEL-SCM-09	7.7	COL-SCM-03	3.7	EC-SCM-02	5350	TUN-SCM-02	2.9 NTU	224196 (Tube)	>120	SPER 300011	6								
Big Canyon Creek (Replicate Results)	33° 37'89 N 117° 53'09 W	DIVERS							TB-SCM-19	17°C	TB-SCM-19	17°C									PHEL-SCM-09	7.7	COL-SCM-03	4.2	EC-SCM-02	5350	TUN-SCM-02	2.9 NTU	224196 (Tube)	>120	SPER 300011	6							
San Diego Creek	33° 39'04 N 117° 52'02 W	DIVERS	11199	49 / 40	41	4 / 0	365.4	49 / 21	TB-SCM-19	19°C	TB-SCM-19	17°C		0.20		0.13		0.06		PHEL-SCM-09	8.3	COL-SCM-03	6.0	EC-SCM-02	1870	TUN-SCM-02	3.6 NTU	224196 (Tube)	110	SPER 300011	15								
San Diego Creek (Replicate Results)	33° 39'04 N 117° 52'02 W	DIVERS							TB-SCM-19	19°C	TB-SCM-19	17°C									PHEL-SCM-09	8.3	COL-SCM-03	6.0	EC-SCM-02	1862	TUN-SCM-02	3.8 NTU	224196 (Tube)	105	SPER 300011	15							
Santa Ana River	33° 37'94 N 117° 57'34 W	DIVERS	1500	47 / 8	41	3 / 1	107.6	42 / 9	TB-SCM-17	18°C	TB-SCM-17	19°C		0.08		1.60		0.00		PHEL-SCM-09	8.1	COL-SCM-03	7.3	EC-SCM-02	OR	TUN-SCM-02	2.2 NTU	224196 (Tube)	>120	SPER 300011	37								
Santa Ana River (Replicate Results)	33° 37'94 N 117° 57'34 W	DIVERS							TB-SCM-17	18°C	TB-SCM-17	19°C									PHEL-SCM-09	8.1	COL-SCM-03	7.4	EC-SCM-02	OR	TUN-SCM-02	2.2 NTU	224196 (Tube)	>120	SPER 300011	37							