

**Padre Barona Creek (907.240) – 303(d) Fact Sheet
City of San Diego Data**

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There is too little data for any recommendation.

Watershed Characteristics

Padre Barona Creek is a 5.2 mile creek in the San Diego River Watershed of Region 9. It is classified inland surface water with the following beneficial uses: MUN, IND, GR, PROC, REC1, REC2, WARM, COLD and WILD¹.

Water Quality Objectives not Obtained

Water quality standards for TDS (total dissolved solids) were exceeded. Standards come from the Basin Plan¹.

Evidence of Impairment

Sampling occurred at BAR3, BAR3A, BAR3b and at the Brynt. Well in May, June and July of 1998. TDS values did exceed the standard in 4 of 6 samples. No site was sampled more than 2 times.

Extent of Impairment

More information is needed before this estimate can be made.

Potential Sources - Unknown

TMDL Priority

No TMDL is required at this time.

Notes

TDS data may warrant further investigation.

Information Sources

¹ Water Quality Control Plan for the San Diego Basin (9), 1994

San Vicente Watershed Sample Report

June 1, 1998

Summary:

Samples were collected on 27 May 1998 from Padre Barona Creek and the Bryntwood Well for MPN/MF analysis (Total and Fecal Coliforms and Enterococcus bacteria). Physicochemical parameters were measured with a YSI 6000 UPG Datasonde. Stream flow was not estimated. Turbidity was measured with a Hach 2100P portable turbidimeter.

Bacti data are reportable under EPA and State certifications. Turbidity data are provided for informational purposes only and are not EPA or State certified.

For questions regarding this report, please contact David Gibson or Jeff Pasek at 668-3249 or 668-3240.

YSI Datasonde Report and Flow Estimate:

Station	Sampler	Discharge cfs	Date Time mmddy hh:mm	Temp. øC	Sp. Cond. uS/cm	TDS mg/l	DO% %	DO CONC mg/l	pH	ORP mV
BAR3	DWG	na	05/27/98 12:48	24.58	531.5	337.0	98.7	8.20	7.84	182
Brynt. Well	DWG	-	05/27/98 12:53	21.42	937.8	559.2	69.9	6.16	7.30	-14

Microbiological Analyses:

Station	Log Number mmddy-nnnn	Total Coliform MPN/100ml	Fecal Coliform CFU/100ml	Enterococcus CFU/100ml
BAR3	052798-4831	5000	170	1300
B. WELL	052798-4832	<2	4	<2

Turbidity:

Station	Turbidity NTU
BAR3	0.28
B. WELL	0.02

Legend:

nd = not detected	cfs = cubic feet per second	uS/cm = micro Siemens per centimeter	MPN = Most Probable Number
MDL = Method Detection Limit mg/l = milligrams per liter	mV = millivolts	CFU = Colony Forming units	

Report Prepared by: _____ Date: _____

ved and Released by: _____ Date: _____

San Vicente Watershed Sample Report

June 22, 1998

Summary:

Samples were collected on 3 June 1998 from Padre Barona Creek for MPN/MF analysis (Total and Fecal Coliforms and Enterococcus bacteria). Physicochemical parameters were measured with a YSI 6000 UPG Datasonde. Stream flow was estimated using a seven section transect and a Swoffer Flow Meter. Turbidity was measured with a Hach 2100P portable turbidimeter. Bacti data are reportable under EPA and State certifications. All other data are provided for informational purposes only and are not EPA or State certified. For questions regarding this report, please contact David Gibson or Jeff Pasek at 668-3249 or 668-3240.

YSI Datasonde Report and Flow Estimate:

Station	Sampler	Discharge cfs	Date Time mmddy hh:mm	Temp. øC	Sp. Cond. uS/cm	TDS mg/l	DO% %	DO CONC mg/l	pH	ORP mV
BAR3	DWG	3.01	06/03/98 08:32	16.29	580.0	0.3	93.2	9.13	7.67	122
BAR3B	DWG	2.87	06/03/98 10:07	18.24	588.7	0.3	98.9	9.30	7.60	128

Microbiological Analyses:

Station	Log Number mmddy-nnnn	Total Coliform MPN/100ml	Fecal Coliform CFU/100ml	Enterococcus CFU/100ml
BAR3A	060398-4149	9,000	>670	>670
BAR3B	060398-4148	16,000	220	530

Turbidity:

Station	Turbidity NTU
BAR3A	3.81
BAR3B	3.21

Legend:

nd = not detected	cfs = cubic feet per second	uS/cm = micro Siemens per centimeter	MPN = Most Probable Number
MDL = Method Detection Limit mg/l = milligrams per liter	mV = millivolts		CFU = Colony Forming units

Report Prepared by: _____ Date: _____

Reviewed and Released by: _____ Date: _____

San Vicente Watershed Sample Report

July 8, 1998

Summary:

Samples were collected on 8 July 1998 from Padre Barona Creek for MPN/MF analysis (Total and Fecal Coliforms and Enterococcus bacteria). Physicochemical parameters were measured with a YSI 6000 UPG Datasonde. Stream flow was estimated visually. Turbidity was measured with a Hach 2100P portable turbidimeter. Bacti data are reportable under EPA and State. All other data are provided for informational purposes only and are not EPA or State certified. For questions regarding this report, please contact David Gibson, Dennis Brown or Jeff Pasek at 668-3249 or 668-3240.

YSI Datasonde Report and Flow Estimate:

Station	Sampler	Discharge cfs	Date Time mmddyy hh:mm	Temp. °C	Sp. Cond. uS/cm	TDS g/l	DO% %	DO CONC mg/l	pH	ORP mV
BAR3A	DWG	<1	07/08/98 08:43	20.35	714.0	0.4	138.4	12.46	7.25	132
BAR3B	DWG	<1	07/08/98 08:33	20.30	721.0	0.4	118.0	10.64	7.37	134
						"				
						400				

900 *x 1000 → mg/l*
~~300~~ *5.0* *6.5-8.5*

Microbiological Analyses:

Station	Log Number mmddyy-nnnn	Total Coliform MPN/100ml	Fecal Coliform CFU/100ml	Enterococcus CFU/100ml
BAR3A	060398-4149			
BAR3B	060398-4148			

Turbidity:

Station	Turbidity NTU
BAR3A	2.01
BAR3B	1.06

Legend:

nd = not detected cfs = cubic feet per second uS/cm = micro Siemens per centimeter MPN = Most Probable Number
 MDL = Method Detection Limit mg/l = milligrams per liter mV = millivolts CFU = Colony Forming units

Report Prepared by: _____ Date: _____

ved and Released by: _____ Date: _____