

Health Care Agency / Environmental Health Newport Bay Bacteriological Monitoring Program
Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Colony Forming Units / 100 ml Sample

STATION	Location Description		2/15/17	2/21/17	2/27/17	3/7/17	3/14/17	3/21/17	3/28/17	4/4/17	4/11/17	4/18/17	4/25/17
NEWPORT BAY (Lower Bay)				RAIN									
BNB09	43rd Street Beach	TC	30	>410	220	9	20	NS	9	30	<9	<9	50
		FC	9	<9	20	<9	<9	NS	<9	<9	<9	<9	20
		ENT	20	<9	30	9	<9	NS	<9	<9	<9	<9	20
BNB10	38th Street Beach	TC	<9	>150	>220	<9	<9	>9	<9	9	<9	<9	>60
		FC	<9	<9	9	<9	<9	<9	<9	<9	<9	<9	<9
		ENT	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9
BNB11	33rd Street Channel	TC	<9	>310	>310	200	30	>5600	<9	20	40	9	>230
		FC	<9	<9	<9	9	<9	50	<9	<9	<9	<9	<9
		ENT	<9	<9	160	91	<9	100	<9	<9	9	<9	<9
BNB32	Lido Yacht Club Beach	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BNB07	Via Genoa Beach	TC	60	>500	230	<9	<9	9	<9	<9	<9	<9	<9
		FC	9	9	<9	<9	<9	9	<9	<9	<9	<9	<9
		ENT	<9	20	<9	<9	<9	<9	<9	<9	<9	<9	<9
BNB35	Newport Blvd. Bridge	TC	9	>14700	>4800	>4300	110	>6700	60	>730	<9	>1340	9
		FC	<9	420	670	40	<9	20	<9	9	<9	20	20
		ENT	<9	550	420	80	<9	90	<9	50	<9	20	<9
BNB12	Rhine Channel	TC	20	>460	60	<9	<9	>930	<9	40	<9	30	<9
		FC	<9	20	<9	<9	<9	9	<9	<9	<9	<9	<9
		ENT	9	<9	9	<9	<9	9	<9	<9	<9	<9	<9
BNB14	19th Street Beach	TC	20	NS	9	9	20	<9	9	<9	9	<9	>9
		FC	<9	NS	20	<9	<9	<9	<9	<9	9	<9	<9
		ENT	<9	NS	<9	9	9	<9	<9	<9	<9	<9	<9
BNB15	15th Street Beach	TC	9	>350	70	9	40	580	9	9	<9	<9	9
		FC	<9	<9	20	<9	<9	<9	<9	<9	<9	<9	<9
		ENT	<9	<9	9	<9	<9	9	<9	<9	<9	<9	<9
BNB17	10th Street Beach	TC	<9	170	<9	50	<9	NS	20	NS	<9	NS	9
		FC	<9	60	<9	<9	<9	NS	50	NS	<9	NS	<9
		ENT	<9	20	<9	9	<9	NS	<9	NS	<9	NS	<9
BNB18	Alvarado/ Bay Isle Beach	TC	<9	>2100	70	20	9	40	9	1260	9	9	<9
		FC	<9	60	9	<9	<9	30	<9	490	<9	<9	<9
		ENT	<9	150	20	9	<9	20	<9	120	<9	50	<9
BNB22	N Street Beach	TC	20	>570	<9	<9	<9	30	<9	<9	9	<9	<9
		FC	<9	9	<9	<9	<9	<9	9	<9	<9	<9	<9
		ENT	<9	50	<9	<9	<9	<9	<9	<9	<9	<9	<9
BNB31	Garnet Avenue Beach	TC	>190	>2100	140	9	30	<9	9	<9	>140	<9	9
		FC	<9	40	<9	<9	<9	<9	<9	<9	<9	<9	<9
		ENT	<9	20	<9	<9	<9	<9	<9	20	<9	9	9
BNB03	Ruby Avenue Beach	TC	<9	>800	170	<9	9	9	9	9	<9	20	<9
		FC	<9	60	20	40	<9	<9	<9	<9	<9	<9	9
		ENT	<9	50	20	<9	<9	<9	<9	9	30	9	9
BNB20	Sapphire Avenue Beach	TC	40	>520	4300	<9	9	>1000	<9	9	<9	<9	<9
		FC	9	50	900	9	<9	9	<9	<9	<9	<9	<9
		ENT	30	40	270	<9	<9	50	<9	<9	<9	9	9
BNB34	Grand Canal	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BNB21	Abalone Avenue Beach	TC	160	>470	370	690	9	2800	40	40	50	20	NS
		FC	40	100	130	<9	<9	590	30	20	9	20	NS
		ENT	<9	30	190	80	<9	40	<9	<9	<9	9	NS
BNB01	Park Avenue Beach	TC	20	>420	270	50	<9	40	<9	790	<9	9	<9
		FC	<9	9	<9	<9	<9	9	<9	730	<9	<9	<9
		ENT	<9	<9	30	<9	9	9	<9	50	9	<9	<9
BNB02	Onyx Avenue Beach	TC	20	>350	1900	30	>20	9	20	<9	40	<9	30
		FC	9	40	1060	<9	<9	<9	<9	<9	<9	<9	9
		ENT	<9	40	40	9	<9	9	<9	<9	<9	<9	<9
BNB29	Promontory Point Channel	TC	<9	30	20	<9	<9	80	9	20	<9	<9	<9
		FC	<9	<9	<9	<9	<9	20	<9	<9	<9	<9	<9
		ENT	<9	<9	<9	<9	<9	<9	<9	<9	<9	<9	9
BNB33	Bayside Drive Beach	TC	90	>620	240	30	40	40	40	1340	70	50	>9
		FC	40	9	9	9	<9	40	9	<9	9	<9	<9
		ENT	30	70	80	20	20	9	<9	380	<9	120	<9
BNB23	Rocky Point Beach	TC	<9	>520	9	60	<9	<9	9	40	20	9	<9
		FC	<9	30	<9	<9	<9	<9	<9	<9	<9	9	<9
		ENT	9	20	<9	<9	<9	<9	9	9	9	<9	<9

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STATION	Location Description		2/15/17	2/21/17	2/27/17	3/7/17	3/14/17	3/21/17	3/28/17	4/4/17	4/11/17	4/18/17	4/25/17
NEWPORT BAY (Upper Bay)				RAIN									
BNB24	Newport Dunes - Middle	TC	>350	>12600	3100	50	40	<9	20	60	>50	<9	<9
		FC	<9	290	<9	50	<9	<9	9	9	<9	<9	<9
		ENT	9	370	60	30	20	<9	9	<9	<9	<9	<9
BNB24	Newport Dunes - West	TC	190	>1000	2600	<9	370	>9	20	40	80	9	20
		FC	<9	300	50	9	40	9	<9	<9	<9	<9	<9
		ENT	<9	420	50	<9	9	<9	<9	9	<9	9	9
BNB24	Newport Dunes - East	TC	210	>6500	2000	<9	130	>20	90	40	50	<9	<9
		FC	40	290	30	<9	9	<9	30	9	<9	<9	<9
		ENT	9	260	50	<9	40	9	9	30	<9	9	<9
BNB24	Newport Dunes - North	TC	1900	>13700	2700	>70	120	>140	40	>8300	40	>80	30
		FC	140	450	60	9	9	9	<9	40	<9	90	20
		ENT	9	390	120	9	9	9	<9	100	<9	30	9
BNB25	Vaughn's Launch	TC	NS	NS	>1040	NS	NS	NS	NS	NS	NS	NS	>20
		FC	NS	NS	<9	NS	NS	NS	NS	NS	NS	NS	<9
		ENT	NS	NS	30	NS	NS	NS	NS	NS	NS	NS	9
BNB26	Ski Zone	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BNB28	North Star Beach	TC	>360	>8700	>570	30	20	<9	9	<9	<9	<9	<9
		FC	9	>200	<9	<9	<9	<9	<9	<9	<9	<9	<9
		ENT	170	310	40	20	9	9	<9	<9	<9	<9	<9
BNB30	De Anza	TC	9	>6600	>330	30	<9	<9	<9	<9	30	9	<9
		FC	<9	>120	<9	<9	<9	<9	<9	9	<9	<9	<9
		ENT	<9	310	<9	<9	9	9	<9	<9	<9	<9	9
BNB05	Bayshore Beach	TC	9	>8700	70	80	9	40	9	<9	40	<9	9
		FC	9	5000	20	<9	<9	30	<9	<9	<9	<9	<9
		ENT	<9	350	9	<9	9	20	<9	<9	<9	<9	<9
NEWPORT BAY TRIBUTARIES													
CNBCD	San Diego Creek - Campus Dr.	TC	>3200	>9300	>170000	>2800	>3400	>730	>2000	>3800	>92000	>200	>2700
		FC	100	170	1500	9	70	40	70	130	>20000	120	130
		ENT	150	300	1800	90	60	80	160	460	3200	40	130
CNBSA	Santa Ana Delhi Channel	TC	>5600	>7500	>200000	>3600	>9200	>4000	>650	>730	2300	>330	>410
		FC	270	430	9800	30	40	420	60	30	91	60	140
		ENT	50	460	3800	9	91	170	60	40	20	9	170
CNBBC	Big Canyon Creek	TC	>1400	>670	>700	>200	>540	>310	>680	>4800	>1120	>5600	>4300
		FC	70	50	180	40	91	40	40	120	40	20	30
		ENT	210	160	460	100	80	90	110	90	90	160	230
CNBND	Backbay Drive Pipe	TC	>20000	>20000	>20000	>20000	>20000	>7000	>4200	>3300	>2400	>1400	>2100
		FC	>20000	>20000	>20000	>20000	>20000	140	50	70	30	9	300
		ENT	>20000	>20000	2800	1240	>20000	460	360	220	270	210	860
NEWPORT SLOUGH													
BNS01	Lancaster Street & 61st Street	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BNS02	Grant Street	TC	110	>300	>210	160	>130	>1760	>130	>120	60	>150	>40
		FC	20	100	50	30	<9	460	9	50	<9	20	<9
		ENT	<9	110	40	30	30	9	80	9	40	60	9

NS - NOT SAMPLED
LA - LAB ACCIDENT
Cw/(o)C- CONFLUENT GROWTH
WITH(OUT) COLIFORMS
TNTC - TOO NUMEROUS TO COUNT

SINGLE SAMPLE STANDARDS:
Total Coliforms - 10,000 organisms per 100 milliliters sample.
Fecal Coliforms - 400 organisms per 100 milliliters sample.
Enterococci - 104 organisms per 100 milliliters sample.
Fecal:Total Ratio - >1000 total coliforms if ratio exceeds 0.1.

Single Sample Standard Violation.
Long-term Posting Location.
Creek/Drain Sample Location.
Rain Influenced Data.

30-DAY LOG MEAN STANDARDS (of five weekly samples)
Total Coliforms - 1,000 organisms per 100 milliliters sample.
Fecal Coliforms - 200 organisms per 100 milliliters sample.
Enterococci - 35 organisms per 100 milliliters sample.

OCSB Bacteriological Ocean Monitoring Program
Total Coliform (TC), Fecal Coliform (FC),
Enterococcus (ENT) Colony Forming Units/100 ml Sample

DATE		2/7/17	2/8/17	2/14/17	2/15/17	2/21/17	2/22/17	2/28/17	3/1/17	3/7/17	3/8/17	3/14/17	3/15/17	3/21/17	3/22/17	3/28/17	3/29/17	4/4/17	4/5/17	4/11/17	4/12/17	4/18/17	4/19/17
Location		RAIN	RAIN			RAIN		RAIN	RAIN														
Bolsa Chica	TC	180		<17		<17		17		<17		<17		<17		<17		<17		<17		<17	
Beach	FC	50		<17		<17		<17		<17		<17		<17		33		<17		<17		<17	
39N	ENT	108		<2		6		8		<2		2		<2		2		<2		<2		<2	
Bolsa Chica	TC	170		50		100		<17		<17		<17		<17		17		<17		<17		<17	
Reserve	FC	<17		50		<17		<17		<17		<17		<17		<17		<17		<17		<17	
33N	ENT	46		36		2		<2		<2		<2		<2		8		<2		<2		<2	
Bluffs	TC	500		17		100		17		<17		<17		17		<17		<17		<17		<17	
27N	FC	33		17		<17		50		17		<17		17		17		<17		<17		<17	
	ENT	112		30		12		20		<2		2		6		10		8		8		4	
17th Street	TC	500		33		150		100		33		<17		<17		<17		<17		<17		<17	
21N	FC	170		<17		<17		<17		30		<17		<17		17		<17		<17		<17	
	ENT	106		20		128		18		10		<2		4		14		2		2		6	
Jacks Snack	TC	>2200		33		17		67		<17		33		<17		33		<17		<17		<17	
Bar	FC	170		<17		17		33		<17		<17		<17		<17		<17		<17		<17	
15N	ENT	240		<2		20		8		2		12		2		8		<2		<2		<2	
Beach Blvd.	TC	>1700		<17		50		100		<17		120		17		<17		<17		<17		<17	
12N	FC	170		<17		26		<17		17		67		<17		<17		<17		<17		<17	
	ENT	306		2		17		6		2		22		<2		6		<2		<2		<2	
SCE Plant	TC	>1000	500	17	<17	17	100	83	17	<17	<17	120	17	<17	50	<17	17	17	<17	<17	<17	<17	<17
9N	FC	400	50	<17	<17	<17	17	<17	<17	<17	<17	180	17	<17	<17	<17	17	<17	<17	<17	<17	<17	<17
	ENT	254	84	2	2	2	50	8	4	8	34	44	12	8	2	2	40	<2	4	<2	2	<2	<2
Magnolia	TC	1100	440	17	<17	83	280	67	17	33	220	17	17	<17	120	<17	33	<17	<17	<17	<17	<17	<17
Street	FC	33	50	<17	17	<17	50	<17	33	17	230	33	17	<17	17	<17	<17	<17	<17	<17	<17	<17	17
6N	ENT	88	48	2	2	6	38	12	6	2	54	22	12	<2	6	4	22	4	12	2	<2	<2	<2
Brookhurst	TC	1800	500	100	50	33	170	67	33	50	<17	<17	33	<17	<17	<17	170	17	<17	<17	17	<17	<17
3N	FC	200	130	100	17	17	50	17	17	<17	<17	<17	<17	<17	<17	<17	83	<17	17	<17	<17	<17	<17
	ENT	172	76	26	20	10	20	14	14	2	<2	14	3	4	4	2	20	4	2	<2	2	<2	<2
Santa Ana	TC	>8000	520	<17	100	500	180	400	83	33	<17	17	<17	17	<17	83	33	17	17	17	250	<17	<17
River Mouth	FC	1200	<17	<17	50	17	83	33	<17	17	<17	<17	<17	<17	<17	100	17	<17	<17	<17	200	<17	<17
0	ENT	>400	46		78	34	64	88	32	12	8	<2	2	10	10	6	20	2	2	4	62	4	2
Orange	TC		740		<17		150		50		17		<17		33		50		<17		17		<17
Street	FC		17		<17		17		<17		<17		<17		<17		<17		<17		<17		<17
3S	ENT		86		8		28		6		2		6		2		8		14		6		2
52nd/53rd	TC		700		17		460		<17		<17		<17		33		<17		<17		<17		<17
Street	FC		<17		<17		50		<17		<17		<17		<17		17		<17		<17		<17
6S	ENT		58		2		60		2		4		4		14		2		10		2		<2
38th Street	TC		700		17		1300		67		N/S		<17		100		33		<9	>33	17		<17
9S	FC		<17		<17		17		67		17		<17		33		<17		<9	<17	<17		<17
	ENT		78		12		132		8		500		6		580		14		<9	220	14		<2
15th/16th	TC		460		<17		67		<17		<17		<17		17		33		<17		33		<17
Street	FC		170		<17		17		<17		<17		<17		<17		<17		<17		67		<17
15S	ENT		68		<2		67		<2		2		2		2		14		<2		6		<2
Balboa Pier	TC		600		17		50		<17		<17		<17		17		83		<17		83		<17
21S	FC		17		17		<17		<17		<17		<17		<17		50		17		33		<17
	ENT		12		<2		12		<2		<2		8		8		8		<2		12		<2
The Wedge	TC		33		67		17		<17		17		<17		<17		<17		<17		17		<17
27S	FC		<17		17		<17		<17		<17		<17		<17		<17		<17		<17		<17
	ENT		6		<2		<2		<2		2		<2		<2		4		2		<2		2
Corona Del	TC		67		17		83		<17		17		17		100		17		17		<17		<17
Mar Beach	FC		33		100		17		<17		<17		<17		<17		<17		<17		33		<17
29S	ENT		4		4		6		2		2		4		34		6		<2		12		<2
Crystal Cove	TC		<17		<17		17		<17		<17		<17		17		<17		<17		<17		<17
39S	FC		<17		<17		<17		<17		<17		<17		<17		<17		<17		<17		<17
	ENT		4		<2		<2		2		2		<2		<2		<2		<2		<2		<2

OCS&D Bacteriological Ocean Monitoring Program
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Enterococcus (ENT) Colony Forming Units/100 ml Sample

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