

2. Buck Gully Creek:

- Beneficial Uses: MUN, REC 1 AND REC 2, WARM
- Hydrologic Unit: 801.11
- Total Water Body Size: (251)
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
 - Orange County Health Care Agency Data:*
 - 230/239 exceeded the 1995 Basin Plan MUN< 100 orgs/100 mL Total Coliform standard
 - 18/56 (30 day periods) exceeded the 1995 Basin Plan REC 2 Fecal Coliform standard
 - 13/56 30 day log means exceeded the 1995 Basin Plan REC 1 standard for Fecal Coliform and 18/56 exceeded but do not have enough samples
- Potential Sources: Unknown at this time, possible urban runoff sources
- Recommendation: Listing on 303(d) list for MUN, REC 1 and REC 2 beneficial uses
- TMDL Priority: Medium
- TMDL Start Date: 2008
- TMDL End Date: 2011

HCA

STATION	Location Description
SAN GABRIEL RIVER	
CSGRM	SGR - Marina Drive
CSGR1	SGR - 1st Street Pkg Lot
SEAL BEACH (surfzone)	
OSB02	Projection of 1st Street
OSB03	Projection of 8th Street
OSB04	Projection of 14th Street
OSB01	Projection of Sea Way
SUNSET BEACH (surfzone)	
OSUB1	Projection of Broadway
HUNTINGTON HARBOUR (In Harbour)	
BHH08	Bolsa Bay
MHH07	Sunset Aquatic Marina
BHH15	Mother's Beach
BHH12	Trinidad Lane Beach
BHH09	Sea Gate
BHH06	Humboldt Beach
MHH10	Davenport Beach
MHH01	Clubhouse Marina
BHH13	Harbour Channel
BHH04	11th Street Beach
BHH11	Admiralty Drive
MHH14	Anderson Street Marina
BHH05	Anaheim Bay - Gas Dock
NEWPORT BAY (In Bay)	
BNB24	Newport Dunes - East
BNB24	Newport Dunes - Middle
BNB24	Newport Dunes - West
BNB24	Newport Dunes - North
BNB25	Vaughn's Launch
BNB26	Skf Zone
BNB28	North Star Beach
BNB06	Bayshore Beach
BNB30	De Anza
BNB08	43rd Street Beach
BNB10	38th Street Beach
BNB11	33rd Street Channel
BNB35	Newport Blvd. Bridge
BNB32	Lido Yacht Club Beach
BNB07	Via Genoa Beach
BNB12	Rhine Channel
BNB14	19th Street Beach
BNB15	15th Street Beach
BNB17	10th Street Beach
BNB18	Alvarado / Bay Isle Beach
BNB22	N Street Beach
BNB31	Garnet Avenue Beach
BNB03	Ruby Avenue Beach
BNB20	Sapphire Avenue Beach
BNB34	Grand Canal
BNB21	Abalone Avenue Beach
BNB01	Park Avenue Beach
BNB02	Onyx Avenue Beach
BNB29	Promontory Pt. Channel
BNB33	Harbor Patrol Beach
BNB23	Rocky Point Beach
NEWPORT BAY TRIBUTARIES	
CNBOC	San Diego Cr. / Campus Dr.
CNBSA	Santa Ana Del Mar Channel
CNBBG	Big Canyon Creek
CNBNB	Backbay Drive Pipe

HCA

STATION	Location Description
NEWPORT COAST (surfzone)	
ONB29	Corona Del Mar State Beach
ONB31	Little Corona Beach
ONB36	Pelican Point
ONB38	Crystal Cove
ONB43	Muddy Creek
ONB46	El Morro Beach
NEWPORT COAST (creeks)	
CNBBG	Buck Gully Creek
CNBPB	Pelican Point Creek
CNBPB	Pelican Point Middle Creek
CNBPW	Pelican Hill Waterfall
CNBBU	Crystal Cove Creek
CNBBU	Crystal Cove Upstream
CNBBM	Muddy Creek
CNBB4	El Morro Creek
CNBBU	El Morro Upstream
LAGUNA BEACH (surfzone)	
OLB10	Emerald Bay
OLB06	Crescent Bay Beach
OLB00	Laguna Main Beach
OSL12	Treasure Island Pier
LAGUNA BEACH (creeks)	
CLBBB	Emerald Bay Drain
CLBBB	Broadway Creek
DANA POINT (surfzone)	
OSL25	Monarch Bch. (No. of Salt Creek)
OSL23	Monarch Bch. (So. of Salt Creek)
ODB02	North Beach - Doheny
ODB04	Doheny Bch. (No. of San Juan Cr.)
ODB05	Doheny Bch. (So. of San Juan Cr.)
DANA POINT (creeks)	
CSLSC	Salt Creek
CSBNC	North Beach Creek
CSJC1	San Juan Creek Mouth
CSJC2	Upper San Juan Creek
DANA POINT HARBOR (In Harbor)	
BDP07	Fuel Dock
BDP12	West End - Baby Beach
BDP13	Boys Line - Baby Beach
BDP14	Swim Area - Baby Beach
BDP15	East End - Baby Beach
BDP08	Pier
BDP16	Pilgrim
BDP09	Youth Dock
MDP11	Guest Dock - End (West Basin)
BDP09	Harbor Entrance
MDP10	Harbor Patrol Dock (East Basin)

SAMPLING FREQUENCIES

HCA (Health Care Agency) = 1/week

OCSD (Orange County Sanitation District)

November 1 - March 31 = 2/week

April 1 - May 30 = 3/week

May 31 - September 6 = 5/week

September 7 - October 31 = 3/week

AWMA (Aliso Water Management Agency) = 2/week

OCSD

STATION	Location Description
HUNTINGTON BEACH (surfzone)	
OHBB9 / 30N	Bolsa Chica Beach
OHBB3 / 33N	Bolsa Chica Reserve
OHBB7 / 27N	Bluffs
OHBB1 / 21N	17th Street
OHBB15 / 16N	Jacks Snack Bar
OHBB09 / 9N	SCE Plant
OHBB08 / 8N	Magnolia Street
OHBB03 / 3N	Brookhurst
OHBB07 / 0	Santa Ana River Mouth
NEWPORT BEACH (surfzone)	
ONB03 / 3S	Orange Street
ONB06 / 6S	82nd/53rd Street
ONB09 / 9S	38th Street
ONB15 / 15S	15th/16th Street
ONB21 / 21S	Bolsa Pier
ONB27 / 27S	The Wedge
ONB29 / 29S	Corona Del Mar Beach
ONB39 / 39S	Crystal Cove

AWMA

STATION	Location Description
LAGUNA BEACH (surfzone)	
OLB16 / 16	Laguna Hotel
OLB15 / 15	Projection of Bluebird Canyon
OLB14 / 14	Victoria Beach
OLB13 / 13	Blue Lagoon
ALISO BEACH (surfzone)	
OSL12 / 12	Treasure Island Pier
OSL11 / 11	Treasure Island Sign
OSL10 / 10	Aliso - North
OSL09 / 09	Aliso - Middle
OSL08 / 08	Aliso - South
OSL07 / 07	Camel Point
OSL06 / 06	Table Rock
OSL05 / 05	Laguna Lido Apt.
OSL04 / 04	9th St/1000 Steps Beach
OSL03 / 03	Three Arch Bay
ALISO CREEK	
CABAC / C1	Aliso Creek Mouth
DANA POINT (surfzone)	
OSL02 / 02	Salt Creek Beach
ODP01 / 01	Dana Strands

SERRA

STATION	Location Description
DANA POINT HARBOR (In Harbor)	
BDP08 / 8	Dana Point Harbor Entrance
DOHENY BEACH (surfzone)	
ODP01 / 01	Marine Institute Beach
S2	Mid North Beach
S1	1000' South Outfall
S3	2000' South Outfall
ODP03 / 03	3000' South Outfall
S7	4000' South Outfall
ODB01 / 01	6000' South Outfall
S0	San Juan Cr/Ocean Interface
SAN JUAN CREEK	
CSJC1 / C1	San Juan Creek Mouth
CSJC2 / C2	San Juan Creek North
CAPISIRANO BEACH (surfzone)	
OCB11 / 11	7500' South Outfall
OCB13 / 13	10000' South Outfall
OCB15 / 15	14000' South Outfall
SAN CLEMENTE (surfzone)	
OSC05 / 05	20000' South Outfall
OSC18 / 18	Lifeguard Building
OSC21 / 21	Avenida Calafia
OSC23 / 23	Las Palmeras

Post-it Fax Note 7671

To	PAULINA VITALE	From	LARRY HANCOCK
Co./Dept.		Co.	
Phone #		Phone #	
Fax #	(909) 781-6238	Fax #	

1st Regional Authority)

April 30 = 1/week

31 = 2/week

Orange County Bacteriological Monitoring Program
(Total Coliform, Fecal Coliform/E. coli, Enterococcus)

HCA

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CSGRM	SGR - Marina Drive
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MHH10	Davenport Beach
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BHH13	Harbour Channel
BHH04	11th Street Beach
BHH11	Admiralty Drive
MHH14	Anderson Street Marina
BHH05	Anaheim Bay - Gas Dock
NEWPORT BAY (In bay)	
BNB24	Newport Dunes - East
BNB24	Newport Dunes - Middle
BNB24	Newport Dunes - West
BNB24	Newport Dunes - North
BNB25	Vaugh's Launch
BNB26	Ski Zone
BNB28	North Star Beach
BNB05	Bayshore Beach
BNB30	De Anza
BNB09	43rd Street Beach
BNB10	38th Street Beach
BNB11	33rd Street Channel
BNB35	Newport Blvd. Bridge
BNB32	Lido Yacht Club Beach
BNB07	Via Genoa Beach
BNB12	Rhine Channel
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BNB17	10th Street Beach
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BNB31	Garnet Avenue Beach
BNB03	Ruby Avenue Beach
BNB20	Sapphire Avenue Beach
BNB34	Grand Canal
BNB21	Abalone Avenue Beach
BNB01	Park Avenue Beach
BNB02	Onyx Avenue Beach
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BNB33	Harbor Patrol Beach
BNB23	Rocky Point Beach
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CNBND	Backbay Drive Pipe

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ONB31	Little Corona Beach
ONB35	Pelican Point
ONB39	Crystal Cove
ONB43	Muddy Creek
ONB45	El Morro Beach
NEWPORT COAST (creeks)	
CNBBG	Buck Gully Creek
CNBPP	Pelican Point Creek
CNBPM	Pelican Point Middle Creek
CNBPW	Pelican Hill Waterfall
CNBCC	Crystal Cove Creek
CNBCU	Crystal Cove Upstream
CNBMC	Muddy Creek
CNB45	El Morro Creek
CNBEU	El Morro Upstream
LAGUNA BEACH (surfzone)	
OLB10	Emerald Bay
OLB05	Crescent Bay Beach
OLB00	Laguna Main Beach
OSL12	Treasure Island Pier
LAGUNA BEACH (creeks)	
CLBEB	Emerald Bay Drain
CLBBC	Broadway Creek
DANA POINT (surfzone)	
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BDP13	Bouy Line - Baby Beach
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BDP15	East End - Baby Beach
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November 1 - March 31 = 2/week
April 1 - May 30 = 3/week
May 31 - September 6 = 5/week
September 7 - October 31 = 3/week

AWMA (Aliso Water Management Agency) = 2/week

SERRA (South East Regional Reclamation Authority)
November 1 - April 30 = 1/week
May 1 - October 31 = 2/week

OCSD

STATION	Location Description
HUNTINGTON BEACH (surfzone)	
OHB39 / 39N	Bolsa Chica Beach
OHB33 / 33N	Bolsa Chica Reserve
OHB27 / 27N	Bluffs
OHB21 / 21N	17th Street
OHB15 / 15N	Jacks Snack Bar
OHB09 / 9N	SCE Plant
OHB06 / 6N	Magnolia Street
OHB03 / 3N	Brookhurst
OHB00 / 0	Santa Ana River Mouth
NEWPORT BEACH (surfzone)	
ONB03 / 3S	Orange Street
ONB06 / 6S	52nd/53rd Street
ONB09 / 9S	38th Street
ONB15 / 15S	15th/16th Street
ONB21 / 21S	Balboa Pier
ONB27 / 27S	The Wedge
ONB29 / 29S	Corona Del Mar Beach
ONB39 / 39S	Crystal Cove

AWMA

LAGUNA BEACH (surfzone)	
OLB16 / S16	Laguna Hotel
OLB15 / S15	Projection of Bluebird Canyon
OLB14 / S14	Victoria Beach
OLB13 / S13	Blue Lagoon
ALISO BEACH (surfzone)	
OSL12 / S12	Treasure Island Pier
OSL11 / S11	Treasure Island Sign
OSL10 / S10	Aliso - North
OSL09 / S09	Aliso - Middle
OSL08 / S08	Aliso - South
OSL07 / S07	Carmel Point
OSL06 / S06	Table Rock
OSL05 / S05	Laguna Lido Apt.
OSL04 / S04	9th St./1000 Steps Beach
OSL03 / S03	Three Arch Bay
ALISO CREEK	
CABAC / C1	Aliso Creek Mouth
DANA POINT (surfzone)	
OSL02 / S02	Salt Creek Beach
S01	Dana Strands

SERRA

DANA POINT (surfzone)	
ODP01 / S6	Marine Institute Beach
DANA POINT HARBOR (In Harbor)	
BDP09 / S4	Dana Point Harbor Entrance
DOHENY BEACH (surfzone)	
S2	Mid North Beach
S1	1000' South Outfall
S3	2000' South Outfall
ODP03 / S5	3000' South Outfall
S7	4000' South Outfall
ODB01 / S9	5000' South Outfall
S0	San Juan Cr/Ocean Interface
SAN JUAN CREEK	
CSJC1 / C1	San Juan Creek Mouth
CSJC2 / C2	San Juan Creek North
CAPISTRANO BEACH (surfzone)	
OCB11 / S11	7500' South Outfall
OCB13 / S13	10000' South Outfall
OCB15 / S15	14000' South Outfall
SAN CLEMENTE (surfzone)	
OSC05 / S17	20000' South Outfall
OSC19 / S19	Lifeguard Building
OSC21 / S21	Avenida Calafia
OSC23 / S23	Las Palmeras

Buck Gully Creek

Query1

Orange County

Santa Ana Region 8
2001 WQA/303 D List Update
Supporting Data
Buck Gully
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StationID	SampleDate	ParameterCode	Result	Units	AnalysisMethod
CNBBG	3/5/01	Total Coliforms	2143	MPN/100ml	MTF (APHA 9221 B)
CNBBG	3/5/01	Fecal Coliforms	20	MPN/100ml	Colilert 18
CNBBG	3/12/01	Total Coliforms	3654	MPN/100ml	MTF (APHA 9221 B)
CNBBG	3/12/01	Fecal Coliforms	148	MPN/100ml	Colilert 18
CNBBG	3/20/01	Fecal Coliforms	60	cfu/100ml	MF (APHA 9222 D)
CNBBG	3/20/01	Total Coliforms	2800	cfu/100ml	MF (APHA 9222 B)
CNBBG	4/10/01	Fecal Coliforms	150	cfu/100ml	MF (APHA 9222 D)
CNBBG	4/10/01	Total Coliforms	3000	cfu/100ml	MF (APHA 9222 B)
CNBBG	3/29/01	Fecal Coliforms	40	cfu/100ml	MF (APHA 9222 D)
CNBBG	3/29/01	Total Coliforms	2600	cfu/100ml	MF (APHA 9222 B)
CNBBG	4/3/01	Fecal Coliforms	240	cfu/100ml	MF (APHA 9222 D)
CNBBG	4/3/01	Total Coliforms	1000	cfu/100ml	MF (APHA 9222 B)
CNBBG	4/17/01	Fecal Coliforms	560	cfu/100ml	MF (APHA 9222 D)
CNBBG	4/17/01	Total Coliforms	1100	cfu/100ml	MF (APHA 9222 B)
CNBBG	4/26/01	Fecal Coliforms	150	cfu/100ml	MF (APHA 9222 D)
CNBBG	4/26/01	Total Coliforms	1560	cfu/100ml	MF (APHA 9222 B)
CNBBG	12/4/00	Fecal Coliforms	10	mpn/100ml	Colilert 18
CNBBG	1/22/01	Fecal Coliforms	10	mpn/100ml	Colilert 18
CNBBG	5/31/00	Fecal Coliforms	20	mpn/100ml	Colilert 18
CNBBG	6/6/00	Fecal Coliforms	20	mpn/100ml	Colilert 18
CNBBG	11/20/00	Fecal Coliforms	20	mpn/100ml	Colilert 18
CNBBG	12/18/00	Fecal Coliforms	20	mpn/100ml	Colilert 18
CNBBG	2/5/01	Fecal Coliforms	20	mpn/100ml	Colilert 18
CNBBG	11/27/00	Fecal Coliforms	31	mpn/100ml	Colilert 18
CNBBG	1/29/01	Fecal Coliforms	31	mpn/100ml	Colilert 18
CNBBG	1/8/01	Fecal Coliforms	41	mpn/100ml	Colilert 18
CNBBG	6/13/00	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	6/20/00	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	11/8/00	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	12/11/00	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	1/2/01	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	11/13/00	Fecal Coliforms	85	mpn/100ml	Colilert 18
CNBBG	5/16/00	Fecal Coliforms	86	mpn/100ml	Colilert 18
CNBBG	8/28/00	Fecal Coliforms	96	mpn/100ml	Colilert 18
CNBBG	2/15/01	Fecal Coliforms	98	mpn/100ml	Colilert 18
CNBBG	10/4/00	Fecal Coliforms	110	mpn/100ml	Colilert 18
CNBBG	5/23/00	Fecal Coliforms	121	mpn/100ml	Colilert 18
CNBBG	10/17/00	Fecal Coliforms	134	mpn/100ml	Colilert 18
CNBBG	8/15/00	Fecal Coliforms	156	mpn/100ml	Colilert 18
CNBBG	2/20/01	Fecal Coliforms	158	mpn/100ml	Colilert 18
CNBBG	9/6/00	Fecal Coliforms	161	mpn/100ml	Colilert 18
CNBBG	9/12/00	Fecal Coliforms	169	mpn/100ml	Colilert 18
CNBBG	8/8/00	Fecal Coliforms	187	mpn/100ml	Colilert 18
CNBBG	11/1/00	Fecal Coliforms	197	mpn/100ml	Colilert 18
CNBBG	5/9/00	Fecal Coliforms	259	mpn/100ml	Colilert 18
CNBBG	9/19/00	Fecal Coliforms	317	mpn/100ml	Colilert 18

Mun
Rec 1
Rec 2

MPN - most probable #

CFU = colony forming units / 100

Query1

StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	9/25/00	Fecal Coliforms	336	mpn/100ml	Colilert 18
CNBBG	8/22/00	Fecal Coliforms	341	mpn/100ml	Colilert 18
CNBBG	12/26/00	Fecal Coliforms	379	mpn/100ml	Colilert 18
CNBBG	10/25/00	Fecal Coliforms	382	mpn/100ml	Colilert 18
CNBBG	6/27/00	Fecal Coliforms	419	mpn/100ml	Colilert 18
CNBBG	1/16/01	Fecal Coliforms	457	mpn/100ml	Colilert 18
CNBBG	7/11/00	Fecal Coliforms	691	mpn/100ml	Colilert 18
CNBBG	7/19/00	Fecal Coliforms	723	mpn/100ml	Colilert 18
CNBBG	7/26/00	Fecal Coliforms	906	mpn/100ml	Colilert 18
CNBBG	2/26/01	Fecal Coliforms	1046	mpn/100ml	Colilert 18
CNBBG	8/1/00	Fecal Coliforms	2723	mpn/100ml	Colilert 18
CNBBG	10/11/00	Fecal Coliforms	6488	mpn/100ml	Colilert 18
CNBBG	5/31/00	Total Coliforms	134	mpn/100ml	Colilert 18
CNBBG	11/20/00	Total Coliforms	1515	mpn/100ml	Colilert 18
CNBBG	11/27/00	Total Coliforms	2142	mpn/100ml	Colilert 18
CNBBG	2/5/01	Total Coliforms	2143	mpn/100ml	Colilert 18
CNBBG	5/16/00	Total Coliforms	3130	mpn/100ml	Colilert 18
CNBBG	12/4/00	Total Coliforms	3255	mpn/100ml	Colilert 18
CNBBG	12/18/00	Total Coliforms	3872	mpn/100ml	Colilert 18
CNBBG	1/2/01	Total Coliforms	3873	mpn/100ml	Colilert 18
CNBBG	1/29/01	Total Coliforms	3873	mpn/100ml	Colilert 18
CNBBG	2/15/01	Total Coliforms	4611	mpn/100ml	Colilert 18
CNBBG	12/11/00	Total Coliforms	5172	mpn/100ml	Colilert 18
CNBBG	5/9/00	Total Coliforms	5794	mpn/100ml	Colilert 18
CNBBG	5/23/00	Total Coliforms	5794	mpn/100ml	Colilert 18
CNBBG	12/26/00	Total Coliforms	6131	mpn/100ml	Colilert 18
CNBBG	1/8/01	Total Coliforms	6131	mpn/100ml	Colilert 18
CNBBG	1/22/01	Total Coliforms	6131	mpn/100ml	Colilert 18
CNBBG	11/1/00	Total Coliforms	6488	mpn/100ml	Colilert 18
CNBBG	11/13/00	Total Coliforms	6867	mpn/100ml	Colilert 18
CNBBG	11/8/00	Total Coliforms	7270	mpn/100ml	Colilert 18
CNBBG	1/16/01	Total Coliforms	8664	mpn/100ml	Colilert 18
CNBBG	2/20/01	Total Coliforms	8664	mpn/100ml	Colilert 18
CNBBG	10/25/00	Total Coliforms	9208	mpn/100ml	Colilert 18
CNBBG	10/17/00	Total Coliforms	10462	mpn/100ml	Colilert 18
CNBBG	10/4/00	Total Coliforms	11199	mpn/100ml	Colilert 18
CNBBG	9/6/00	Total Coliforms	13997	mpn/100ml	Colilert 18
CNBBG	6/6/00	Total Coliforms	15531	mpn/100ml	Colilert 18
CNBBG	9/12/00	Total Coliforms	17327	mpn/100ml	Colilert 18
CNBBG	9/19/00	Total Coliforms	17329	mpn/100ml	Colilert 18
CNBBG	9/25/00	Total Coliforms	17329	mpn/100ml	Colilert 18
CNBBG	8/28/00	Total Coliforms	19863	mpn/100ml	Colilert 18
CNBBG	6/13/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	6/20/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	6/27/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	7/11/00	Total Coliforms	24192	mpn/100ml	Colilert 18

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Query1

StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	7/19/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	7/26/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	8/1/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	8/8/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	8/15/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	8/22/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	10/11/00	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	2/26/01	Total Coliforms	24192	mpn/100ml	Colilert 18
CNBBG	5/1/01	Fecal Coliforms	290	cfu/100ml	MF (APHA 9222 D)
CNBBG	5/1/01	Total Coliforms	5600	cfu/100ml	MF (APHA 9222 B)
CNBBG	5/10/01	Fecal Coliforms	720	cfu/100ml	MF (APHA 9222 D)
CNBBG	5/10/01	Total Coliforms	1200	cfu/100ml	MF (APHA 9222 B)
CNBBG	5/30/01	Fecal Coliforms	1280	cfu/100ml	MF (APHA 9222 D)
CNBBG	5/30/01	Total Coliforms	5400	cfu/100ml	MF (APHA 9222 B)
CNBBG	5/15/01	Fecal Coliforms	650	cfu/100ml	MF (APHA 9222 D)
CNBBG	5/15/01	Total Coliforms	4400	cfu/100ml	MF (APHA 9222 B)
CNBBG	5/24/01	Fecal Coliforms	700	cfu/100ml	MF (APHA 9222 D)
CNBBG	5/24/01	Total Coliforms	3600	cfu/100ml	MF (APHA 9222 B)
CNBBG	6/7/01	Fecal Coliforms	240	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/7/01	Total Coliforms	1000	cfu/100ml	MF (APHA 9222 B)
CNBBG	6/12/01	Fecal Coliforms	90	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/12/01	Total Coliforms	2200	cfu/100ml	MF (APHA 9222 B)
CNBBG	6/21/01	Fecal Coliforms	420	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/21/01	Total Coliforms	10	cfu/100ml	MF (APHA 9222 B)
CNBBG	6/26/01	Fecal Coliforms	380	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/26/01	Total Coliforms	50	cfu/100ml	MF (APHA 9222 B)
CNBBG	7/3/01	Fecal Coliforms	210	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/3/01	Total Coliforms	200	cfu/100ml	MF (APHA 9222 B)
CNBBG	7/12/01	Fecal Coliforms	110	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/12/01	Total Coliforms	10	cfu/100ml	MF (APHA 9222 B)
CNBBG	7/19/01	Fecal Coliforms	80	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/19/01	Total Coliforms	30	cfu/100ml	MF (APHA 9222 B)
CNBBG	7/24/01	Fecal Coliforms	200	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/24/01	Total Coliforms	1200	cfu/100ml	MF (APHA 9222 B)
CNBBG	8/2/01	Fecal Coliforms	110	cfu/100ml	MF (APHA 9222 D)
CNBBG	8/2/01	Total Coliforms	2600	cfu/100ml	MF (APHA 9222 B)
CNBBG	8/7/01	Fecal Coliforms	450	cfu/100ml	MF (APHA 9222 D)
CNBBG	8/7/01	Total Coliforms	3000	cfu/100ml	MF (APHA 9222 B)
CNBBG	8/16/01	Fecal Coliforms	240	cfu/100ml	MF (APHA 9222 D)
CNBBG	8/16/01	Total Coliforms	1000	cfu/100ml	MF (APHA 9222 B)
CNBBG	12/14/99	Fecal Coliforms	10	mpn/100ml	Colilert 18
CNBBG	7/9/96	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/30/96	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/27/96	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/22/98	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/25/98	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221

StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	2/2/99	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/23/99	Fecal Coliforms	31	mpn/100ml	Colilert 18
CNBBG	1/19/99	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	9/27/99	Fecal Coliforms	52	mpn/100ml	Colilert 18
CNBBG	1/14/98	Fecal Coliforms	70	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/9/99	Fecal Coliforms	70	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/18/97	Fecal Coliforms	80	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/18/97	Fecal Coliforms	80	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/23/99	Fecal Coliforms	86	mpn/100ml	Colilert 18
CNBBG	10/18/99	Fecal Coliforms	86	mpn/100ml	Colilert 18
CNBBG	11/16/99	Fecal Coliforms	86	mpn/100ml	Colilert 18
CNBBG	10/29/96	Fecal Coliforms	90	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/4/99	Fecal Coliforms	98	mpn/100ml	Colilert 18
CNBBG	11/23/99	Fecal Coliforms	98	mpn/100ml	Colilert 18
CNBBG	3/23/99	Fecal Coliforms	100	mpn/100ml	Colilert 18
CNBBG	5/18/99	Fecal Coliforms	100	mpn/100ml	Colilert 18
CNBBG	5/25/99	Fecal Coliforms	100	mpn/100ml	Colilert 18
CNBBG	6/22/99	Fecal Coliforms	100	mpn/100ml	Colilert 18
CNBBG	7/7/99	Fecal Coliforms	100	mpn/100ml	Colilert 18
CNBBG	8/17/99	Fecal Coliforms	100	mpn/100ml	Colilert 18
CNBBG	10/12/99	Fecal Coliforms	110	mpn/100ml	Colilert 18
CNBBG	12/21/99	Fecal Coliforms	110	mpn/100ml	Colilert 18
CNBBG	12/28/99	Fecal Coliforms	110	mpn/100ml	Colilert 18
CNBBG	2/25/97	Fecal Coliforms	110	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/17/98	Fecal Coliforms	120	mpn/100ml	Colilert 18
CNBBG	3/2/99	Fecal Coliforms	122	mpn/100ml	Colilert 18
CNBBG	7/28/99	Fecal Coliforms	122	mpn/100ml	Colilert 18
CNBBG	10/1/96	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/23/97	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/27/98	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/4/98	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/30/98	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/21/98	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/27/98	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/21/99	Fecal Coliforms	134	mpn/100ml	Colilert 18
CNBBG	10/26/99	Fecal Coliforms	135	mpn/100ml	Colilert 18
CNBBG	8/20/96	Fecal Coliforms	140	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/4/97	Fecal Coliforms	140	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/10/97	Fecal Coliforms	140	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/30/99	Fecal Coliforms	143	mpn/100ml	Colilert 18
CNBBG	9/3/96	Fecal Coliforms	170	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/4/97	Fecal Coliforms	170	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/28/98	Fecal Coliforms	170	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/30/99	Fecal Coliforms	185	mpn/100ml	Colilert 18
CNBBG	3/10/99	Fecal Coliforms	199	mpn/100ml	Colilert 18
CNBBG	11/24/98	Fecal Coliforms	200	mpn/100ml	Colilert 18

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StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	5/5/99	Fecal Coliforms	200	mpn/100ml	Colilert 18
CNBBG	5/12/99	Fecal Coliforms	200	mpn/100ml	Colilert 18
CNBBG	6/29/99	Fecal Coliforms	200	mpn/100ml	Colilert 18
CNBBG	7/19/99	Fecal Coliforms	200	mpn/100ml	Colilert 18
CNBBG	12/7/99	Fecal Coliforms	206	mpn/100ml	Colilert 18
CNBBG	2/16/99	Fecal Coliforms	220	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/8/96	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/19/96	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/30/96	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/4/97	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/25/97	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/20/97	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/27/97	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/18/97	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/18/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/11/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/12/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/21/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/28/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/2/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/15/98	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/3/99	Fecal Coliforms	233	mpn/100ml	Colilert 18
CNBBG	12/21/98	Fecal Coliforms	256	mpn/100ml	Colilert 18
CNBBG	9/7/99	Fecal Coliforms	265	mpn/100ml	Colilert 18
CNBBG	6/3/97	Fecal Coliforms	270	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/13/98	Fecal Coliforms	270	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/2/98	Fecal Coliforms	270	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/6/99	Fecal Coliforms	300	mpn/100ml	Colilert 18
CNBBG	8/24/99	Fecal Coliforms	300	mpn/100ml	Colilert 18
CNBBG	9/17/96	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/12/96	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/21/97	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/25/97	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/27/97	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/6/97	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/24/97	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/25/97	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/23/98	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/27/98	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/13/99	Fecal Coliforms	310	mpn/100ml	Colilert 18
CNBBG	8/11/99	Fecal Coliforms	310	mpn/100ml	Colilert 18
CNBBG	11/3/98	Fecal Coliforms	317	mpn/100ml	Colilert 18
CNBBG	5/7/98	Fecal Coliforms	340	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/7/98	Fecal Coliforms	340	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/15/98	Fecal Coliforms	410	mpn/100ml	Colilert 18
CNBBG	1/5/99	Fecal Coliforms	410	mpn/100ml	Colilert 18

StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	9/24/96	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/22/96	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/17/96	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/23/96	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/7/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/14/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/22/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/10/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/20/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/17/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/29/97	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/10/98	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/7/98	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/14/98	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/8/99	Fecal Coliforms	520	mpn/100ml	Colilert 18
CNBBG	8/13/96	Fecal Coliforms	600	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/1/98	Fecal Coliforms	631	mpn/100ml	Colilert 18
CNBBG	7/23/96	Fecal Coliforms	700	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/29/97	Fecal Coliforms	700	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/3/98	Fecal Coliforms	700	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/28/98	Fecal Coliforms	740	mpn/100ml	Colilert 18
CNBBG	3/30/99	Fecal Coliforms	740	mpn/100ml	Colilert 18
CNBBG	4/12/99	Fecal Coliforms	740	mpn/100ml	Colilert 18
CNBBG	6/15/99	Fecal Coliforms	740	mpn/100ml	Colilert 18
CNBBG	7/16/96	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/26/96	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/13/97	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/13/97	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/3/97	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/26/98	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/26/98	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/2/98	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/2/99	Fecal Coliforms	1043	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/27/99	Fecal Coliforms	1046	mpn/100ml	Colilert 18
CNBBG	3/16/99	Fecal Coliforms	1100	mpn/100ml	Colilert 18
CNBBG	4/8/97	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/6/97	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/9/97	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/16/97	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/23/97	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/6/98	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/15/98	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/7/98	Fecal Coliforms	1190	mpn/100ml	Colilert 18
CNBBG	8/3/99	Fecal Coliforms	1210	mpn/100ml	Colilert 18
CNBBG	4/15/97	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/1/97	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221

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StationID	SampleDate	ParameterCode	Result	Units	AnalysisMethod
CNBBG	10/16/97	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/21/98	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/17/98	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/29/98	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/9/98	Fecal Coliforms	1565	mpn/100ml	Colilert 18
CNBBG	9/10/96	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/15/96	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/8/97	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/5/96	Fecal Coliforms	2200	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/2/96	Fecal Coliforms	2300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/28/97	Fecal Coliforms	2300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/24/97	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/30/97	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/15/98	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/9/98	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/27/99	Fecal Coliforms	2460	mpn/100ml	Colilert 18
CNBBG	8/18/98	Fecal Coliforms	2800	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/23/99	Fecal Coliforms	2990	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/3/96	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/17/97	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/5/98	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/8/98	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/13/98	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/9/98	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/21/98	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/3/98	Fecal Coliforms	3448	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/30/99	Fecal Coliforms	4190	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/23/99	Fecal Coliforms	4884	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/28/99	Fecal Coliforms	4884	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/1/97	Fecal Coliforms	5000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/14/99	Fecal Coliforms	5172	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/5/99	Fecal Coliforms	5200	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/2/99	Fecal Coliforms	5360	mpn/100ml	Colilert 18
CNBBG	12/7/99	Fecal Coliforms	5794	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/5/99	Fecal Coliforms	6240	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/10/99	Fecal Coliforms	6488	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/21/99	Fecal Coliforms	6488	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/27/99	Fecal Coliforms	7701	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/6/96	Fecal Coliforms	8000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/16/99	Fecal Coliforms	8600	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/5/97	Fecal Coliforms	9000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/1/98	Fecal Coliforms	9208	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/12/99	Fecal Coliforms	9600	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/19/99	Fecal Coliforms	9804	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/21/99	Fecal Coliforms	9804	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/24/98	Fecal Coliforms	10170	mpn/100ml	MTF by EC (APHA 9221

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StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	10/4/99	Fecal Coliforms	10462	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/18/99	Fecal Coliforms	10462	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/23/99	Fecal Coliforms	10462	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/6/99	Fecal Coliforms	12810	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/30/97	Fecal Coliforms	13000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/8/99	Fecal Coliforms	14136	mpn/100ml	Colilert 18
CNBBG	12/21/98	Fecal Coliforms	14136	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/23/99	Fecal Coliforms	14136	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/27/99	Fecal Coliforms	14136	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/26/99	Fecal Coliforms	14136	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/15/98	Fecal Coliforms	14210	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/30/99	Fecal Coliforms	15530	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/12/99	Fecal Coliforms	15531	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/20/97	Fecal Coliforms	16000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/21/98	Fecal Coliforms	16000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/12/98	Fecal Coliforms	16000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/18/99	Fecal Coliforms	20140	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/12/99	Fecal Coliforms	20980	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/25/99	Fecal Coliforms	20980	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/11/97	Fecal Coliforms	22000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/28/98	Fecal Coliforms	23820	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/10/96	Fecal Coliforms	24000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/9/98	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/17/98	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/28/99	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/30/99	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	9/7/99	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/3/99	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/8/99	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/16/99	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/8/99	Fecal Coliforms	28090	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/3/99	Fecal Coliforms	32820	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/27/99	Fecal Coliforms	34480	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/7/98	Fecal Coliforms	43520	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/11/99	Fecal Coliforms	61310	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/15/99	Fecal Coliforms	81640	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/22/99	Fecal Coliforms	81640	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/13/99	Fecal Coliforms	98040	mpn/100ml	Colilert 18
CNBBG	8/24/99	Fecal Coliforms	111985	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/7/99	Fecal Coliforms	111990	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/2/99	Fecal Coliforms	129965	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/13/99	Fecal Coliforms	155307	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/11/97	Fecal Coliforms	160000	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/29/99	Fecal Coliforms	198628	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/19/99	Fecal Coliforms	241917	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/13/99	Fecal Coliforms	241920	mpn/100ml	MTF by EC (APHA 9221

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StationID	SampleDa	ParameterCode	Result	Units	Analysismethod
CNBBG	8/17/99	Fecal Coliforms	517720	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/9/96	Total Coliforms	20	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/30/96	Total Coliforms	20	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/25/98	Total Coliforms	20	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/2/99	Total Coliforms	20	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/27/96	Total Coliforms	40	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/1/96	Total Coliforms	220	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/18/98	Total Coliforms	230	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/18/97	Total Coliforms	270	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/18/97	Total Coliforms	300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/2/98	Total Coliforms	300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/22/96	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/21/97	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/6/97	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/27/97	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/4/97	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/17/97	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/27/98	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/27/98	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/9/99	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/16/99	Total Coliforms	500	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/3/96	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/10/97	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/11/98	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/22/98	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/21/98	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/2/98	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/13/98	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/21/98	Total Coliforms	800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/13/96	Total Coliforms	900	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/29/96	Total Coliforms	900	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/4/97	Total Coliforms	1100	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/4/97	Total Coliforms	1100	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/7/98	Total Coliforms	1100	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/12/96	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/7/97	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/25/97	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/20/97	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/24/97	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/2/98	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/13/97	Total Coliforms	1400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/20/96	Total Coliforms	1700	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/8/96	Total Coliforms	1700	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/22/97	Total Coliforms	1700	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/23/97	Total Coliforms	1700	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/24/96	Total Coliforms	2200	mpn/100ml	MTF (APHA 9221 B)

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StationID	SampleDa	ParameterCode	Result	Units	AnalysisMethod
CNBBG	11/19/96	Total Coliforms	2200	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/29/97	Total Coliforms	2200	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/28/98	Total Coliforms	2200	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/3/98	Total Coliforms	2200	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/17/96	Total Coliforms	2300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/13/97	Total Coliforms	2300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/27/97	Total Coliforms	2300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/4/98	Total Coliforms	2300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/17/98	Total Coliforms	2300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/30/98	Total Coliforms	2300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/10/97	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/1/97	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/30/97	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/3/97	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/9/98	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/15/98	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/7/98	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/17/96	Total Coliforms	2800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/25/97	Total Coliforms	2800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/8/97	Total Coliforms	2800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/18/98	Total Coliforms	2800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/10/96	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/15/96	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/3/96	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/30/96	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/25/97	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/15/97	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/24/97	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/9/97	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/21/97	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/21/98	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/27/98	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/15/98	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/29/98	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/8/98	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/28/98	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/5/96	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/20/97	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/3/97	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/8/97	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/16/97	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/26/98	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/7/98	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/13/98	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/14/98	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/5/98	Total Coliforms	7000	mpn/100ml	MTF (APHA 9221 B)

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StationID	SampleDate	ParameterCode	Result	Units	AnalysisMethod
CNBBG	7/16/96	Total Coliforms	8000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/6/96	Total Coliforms	8000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/10/98	Total Coliforms	8000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/21/98	Total Coliforms	8000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/17/97	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/1/97	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/5/97	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/23/97	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/23/98	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/2/96	Total Coliforms	11000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/28/97	Total Coliforms	13000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/6/97	Total Coliforms	13000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/6/98	Total Coliforms	13000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/14/98	Total Coliforms	13000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/20/97	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/25/97	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/26/98	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/12/98	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/21/98	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/9/98	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/15/98	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/12/98	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/14/97	Total Coliforms	17000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/11/97	Total Coliforms	22000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/10/96	Total Coliforms	24000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/23/96	Total Coliforms	24000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/16/97	Total Coliforms	28000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/23/96	Total Coliforms	30000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/18/97	Total Coliforms	30000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/30/97	Total Coliforms	50000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/26/96	Total Coliforms	80000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/29/97	Total Coliforms	90000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/11/97	Total Coliforms	160000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/11/00	Fecal Coliforms	86	mpn/100ml	Colilert 18
CNBBG	3/14/00	Fecal Coliforms	97	mpn/100ml	Colilert 18
CNBBG	1/19/00	Fecal Coliforms	148	mpn/100ml	Colilert 18
CNBBG	4/4/00	Fecal Coliforms	185	mpn/100ml	Colilert 18
CNBBG	4/11/00	Fecal Coliforms	187	mpn/100ml	Colilert 18
CNBBG	3/22/00	Fecal Coliforms	216	mpn/100ml	Colilert 18
CNBBG	4/25/00	Fecal Coliforms	262	mpn/100ml	Colilert 18
CNBBG	1/5/00	Fecal Coliforms	271	mpn/100ml	Colilert 18
CNBBG	2/29/00	Fecal Coliforms	288	mpn/100ml	Colilert 18
CNBBG	2/2/00	Fecal Coliforms	311	mpn/100ml	Colilert 18
CNBBG	2/15/00	Fecal Coliforms	345	mpn/100ml	Colilert 18
CNBBG	3/30/00	Fecal Coliforms	448	mpn/100ml	Colilert 18
CNBBG	5/2/00	Fecal Coliforms	536	mpn/100ml	Colilert 18

StationID	SampleDa	ParameterCode	Result	Units	Analysis
CNBBG	3/9/00	Fecal Coliforms	820	mpn/100ml	Colilert 18
CNBBG	1/26/00	Fecal Coliforms	1014	mpn/100ml	Colilert 18
CNBBG	2/8/00	Fecal Coliforms	1376	mpn/100ml	Colilert 18
CNBBG	4/19/00	Fecal Coliforms	1723	mpn/100ml	Colilert 18
CNBBG	1/11/00	Fecal Coliforms	3448	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/14/00	Fecal Coliforms	3654	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/22/00	Fecal Coliforms	4352	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/19/00	Fecal Coliforms	5172	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/4/00	Fecal Coliforms	5475	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/11/00	Fecal Coliforms	5475	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/2/00	Fecal Coliforms	5794	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/29/00	Fecal Coliforms	6131	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/5/00	Fecal Coliforms	6867	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/15/00	Fecal Coliforms	7701	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/8/00	Fecal Coliforms	8164	mpn/100ml	MTF by EC (APHA 9221
CNBBG	1/26/00	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/9/00	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/30/00	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/19/00	Fecal Coliforms	24192	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/25/00	Total Coliforms	7270	mpn/100ml	Colilert 18
CNBBG	5/2/00	Total Coliforms	8664	mpn/100ml	Colilert 18
CNBBG	1/19/94	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/19/94	Fecal Coliforms	20	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/4/94	Fecal Coliforms	40	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/21/94	Fecal Coliforms	60	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/13/94	Fecal Coliforms	80	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/15/94	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/27/94	Fecal Coliforms	130	mpn/100ml	MTF by EC (APHA 9221
CNBBG	4/6/94	Fecal Coliforms	170	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/23/94	Fecal Coliforms	170	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/16/94	Fecal Coliforms	220	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/9/94	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	2/23/94	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/9/94	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/7/94	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/23/94	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	12/20/94	Fecal Coliforms	230	mpn/100ml	MTF by EC (APHA 9221
CNBBG	5/4/94	Fecal Coliforms	270	mpn/100ml	MTF by EC (APHA 9221
CNBBG	6/30/94	Fecal Coliforms	270	mpn/100ml	MTF by EC (APHA 9221
CNBBG	10/18/94	Fecal Coliforms	270	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/16/94	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/2/94	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	8/25/94	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	11/28/94	Fecal Coliforms	300	mpn/100ml	MTF by EC (APHA 9221
CNBBG	3/30/94	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221
CNBBG	7/6/94	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221

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StationID	SampleDate	ParameterCode	Result	Units	AnalysisMethod
CNBBG	7/14/94	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	8/16/94	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	11/7/94	Fecal Coliforms	500	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	12/6/94	Fecal Coliforms	700	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	1/11/94	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	1/26/94	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	3/23/94	Fecal Coliforms	800	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	8/8/94	Fecal Coliforms	1100	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	9/21/94	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	11/2/94	Fecal Coliforms	1300	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	4/29/94	Fecal Coliforms	1400	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	5/13/94	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	7/28/94	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	9/26/94	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	10/12/94	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	10/24/94	Fecal Coliforms	1700	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	6/13/94	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	9/6/94	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	9/12/94	Fecal Coliforms	2400	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	8/30/94	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	10/4/94	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	12/13/94	Fecal Coliforms	3000	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	5/18/94	Fecal Coliforms	5000	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	1/12/94	Fecal Coliforms	9000	mpn/100ml	MTF by EC (APHA 9221)
CNBBG	11/23/94	Total Coliforms	300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/9/94	Total Coliforms	460	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/23/94	Total Coliforms	1100	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/4/94	Total Coliforms	1300	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/4/94	Total Coliforms	1700	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/8/94	Total Coliforms	1700	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/7/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/6/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/2/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/6/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/18/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/2/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/15/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/20/94	Total Coliforms	2400	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/19/94	Total Coliforms	2800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/24/94	Total Coliforms	2800	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/30/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/13/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	6/30/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/14/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/28/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/16/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)

StationID	SampleDate	ParameterCode	Result	Units	AnalysisMethod
CNBBG	8/25/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/12/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/21/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	9/26/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/7/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	11/28/94	Total Coliforms	3000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/11/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/26/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/16/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/23/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/23/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/6/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/21/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	7/19/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	8/30/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/12/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/6/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/27/94	Total Coliforms	5000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/13/94	Total Coliforms	8000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	1/12/94	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	3/16/94	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	4/29/94	Total Coliforms	9000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/13/94	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	5/18/94	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	10/4/94	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	12/13/94	Total Coliforms	16000	mpn/100ml	MTF (APHA 9221 B)
CNBBG	2/9/94	Total Coliforms	17000	mpn/100ml	MTF (APHA 9221 B)

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Months	2001 AVG.	2000 AVG.	1999 AVG.	1998 AVG.	1997 AVG.
January	146	110	830	10389	154
February	98	97	752	9604	250411
March	60	72	585	7958	151178
April	44	22	500	5971	93326
May	22	202	391	5064	43033
June	48	195	301	3881	25167
July	248	250	279	3000	24192
August	76	728	230	2813	22700
September		2791	230	2380	18280
October		573	203	1975	15318
November		351	153	1364	14136
December		203	129	1104	13521

2/3

1/12

1/12

6/12

11/12

#30d sample per violat. Rec 2

= 30d sample per violat. Rec 2

= mid. avg. > 2000 avg./room

= > 10% of 30d sample ^{exceeds} 40000 avg./room

○ = violation of Rec 2 BU

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StationID	SampleDate	ParameterCode	Result	Units	AnalysisMe
CNBBG	8/16/01	Fecal Coliforms	20	MPN/100 ml	Colilert 18
CNBBG	8/7/01	Fecal Coliforms	148	MPN/100 ml	Colilert 18
CNBBG	8/2/01	Fecal Coliforms	60	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/24/01	Fecal Coliforms	150	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/19/01	Fecal Coliforms	40	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/12/01	Fecal Coliforms	240	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/3/01	Fecal Coliforms	560	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/26/01	Fecal Coliforms	150	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/21/01	Fecal Coliforms	10	mpn/100m	Colilert 18
CNBBG	6/12/01	Fecal Coliforms	10	mpn/100m	Colilert 18
CNBBG	6/7/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/30/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/24/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/15/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/10/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/1/01	Fecal Coliforms	31	mpn/100m	Colilert 18
CNBBG	4/26/01	Fecal Coliforms	31	mpn/100m	Colilert 18
CNBBG	4/17/01	Fecal Coliforms	41	mpn/100m	Colilert 18
CNBBG	4/10/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	4/3/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/29/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/20/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/12/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/5/01	Fecal Coliforms	85	mpn/100m	Colilert 18
CNBBG	2/26/01	Fecal Coliforms	86	mpn/100m	Colilert 18

CNBBG	2/20/01	Fecal Coliforms	96	mpn/100m	Colilert 18
CNBBG	2/15/01	Fecal Coliforms	98	mpn/100m	Colilert 18
CNBBG	2/5/01	Fecal Coliforms	110	mpn/100m	Colilert 18
CNBBG	1/29/01	Fecal Coliforms	121	mpn/100m	Colilert 18
CNBBG	1/22/01	Fecal Coliforms	134	mpn/100m	Colilert 18
CNBBG	1/16/01	Fecal Coliforms	156	mpn/100m	Colilert 18
CNBBG	1/8/01	Fecal Coliforms	158	mpn/100m	Colilert 18
CNBBG	1/2/01	Fecal Coliforms	161	mpn/100m	Colilert 18
CNBBG	12/26/00	Fecal Coliforms	169	mpn/100m	Colilert 18
CNBBG	12/18/00	Fecal Coliforms	187	mpn/100m	Colilert 18
CNBBG	12/11/00	Fecal Coliforms	197	mpn/100m	Colilert 18
CNBBG	12/4/00	Fecal Coliforms	259	mpn/100m	Colilert 18
CNBBG	11/27/00	Fecal Coliforms	317	mpn/100m	Colilert 18
CNBBG	11/20/00	Fecal Coliforms	336	mpn/100m	Colilert 18
CNBBG	11/13/00	Fecal Coliforms	341	mpn/100m	Colilert 18
CNBBG	11/8/00	Fecal Coliforms	379	mpn/100m	Colilert 18
CNBBG	11/1/00	Fecal Coliforms	382	mpn/100m	Colilert 18
CNBBG	10/25/00	Fecal Coliforms	419	mpn/100m	Colilert 18
CNBBG	10/17/00	Fecal Coliforms	457	mpn/100m	Colilert 18
CNBBG	10/11/00	Fecal Coliforms	691	mpn/100m	Colilert 18
CNBBG	10/4/00	Fecal Coliforms	723	mpn/100m	Colilert 18
CNBBG	9/25/00	Fecal Coliforms	906	mpn/100m	Colilert 18
CNBBG	9/19/00	Fecal Coliforms	1046	mpn/100m	Colilert 18
CNBBG	9/12/00	Fecal Coliforms	2723	mpn/100m	Colilert 18
CNBBG	9/6/00	Fecal Coliforms	6488	mpn/100m	Colilert 18
CNBBG	8/28/00	Fecal Coliforms	290	cfu/100ml	MF (APHA 9222 D)

CNBBG	8/22/00	Fecal Coliforms	720 cfu/100ml	MF (APHA 9222 D)
CNBBG	8/15/00	Fecal Coliforms	1280 cfu/100ml	MF (APHA 9222 D)
CNBBG	8/8/00	Fecal Coliforms	650 cfu/100ml	MF (APHA 9222 D)
CNBBG	8/1/00	Fecal Coliforms	700 cfu/100ml	MF (APHA 9222 D)
CNBBG	7/26/00	Fecal Coliforms	240 cfu/100ml	MF (APHA 9222 D)
CNBBG	7/19/00	Fecal Coliforms	90 cfu/100ml	MF (APHA 9222 D)
CNBBG	7/11/00	Fecal Coliforms	420 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/27/00	Fecal Coliforms	380 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/20/00	Fecal Coliforms	210 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/13/00	Fecal Coliforms	110 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/6/00	Fecal Coliforms	80 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/31/00	Fecal Coliforms	200 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/23/00	Fecal Coliforms	110 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/16/00	Fecal Coliforms	450 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/9/00	Fecal Coliforms	240 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/2/00	Fecal Coliforms	10 l	Colilert 18 MTF by EC mpn/100m
CNBBG	4/25/00	Fecal Coliforms	20 l	(APHA 9221 E.1) MTF by EC mpn/100m
CNBBG	4/19/00	Fecal Coliforms	20 l	(APHA 9221 E.1) MTF by EC mpn/100m
CNBBG	4/19/00	Fecal Coliforms	20 l	(APHA 9221 E.1) MTF by EC mpn/100m
CNBBG	4/11/00	Fecal Coliforms	20 l	(APHA 9221 E.1) MTF by EC mpn/100m
CNBBG	4/11/00	Fecal Coliforms	20 l	(APHA 9221 E.1) MTF by EC mpn/100m
CNBBG	4/4/00	Fecal Coliforms	20 l	(APHA 9221 E.1) MTF by EC mpn/100m
CNBBG	4/4/00	Fecal Coliforms	31 l	Colilert 18

CNBBG	3/30/00	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/30/00	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/22/00	Fecal Coliforms	70	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/22/00	Fecal Coliforms	70	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/14/00	Fecal Coliforms	80	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/14/00	Fecal Coliforms	80	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/9/00	Fecal Coliforms	86	mpn/100m	Colilert 18
CNBBG	3/9/00	Fecal Coliforms	86	mpn/100m	Colilert 18
CNBBG	2/29/00	Fecal Coliforms	86	mpn/100m	Colilert 18
CNBBG	2/29/00	Fecal Coliforms	90	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/15/00	Fecal Coliforms	98	mpn/100m	Colilert 18
CNBBG	2/15/00	Fecal Coliforms	98	mpn/100m	Colilert 18
CNBBG	2/8/00	Fecal Coliforms	100	mpn/100m	Colilert 18
CNBBG	2/8/00	Fecal Coliforms	100	mpn/100m	Colilert 18
CNBBG	2/2/00	Fecal Coliforms	100	mpn/100m	Colilert 18
CNBBG	2/2/00	Fecal Coliforms	100	mpn/100m	Colilert 18
CNBBG	1/26/00	Fecal Coliforms	100	mpn/100m	Colilert 18
CNBBG	1/26/00	Fecal Coliforms	100	mpn/100m	Colilert 18
CNBBG	1/19/00	Fecal Coliforms	110	mpn/100m	Colilert 18
CNBBG	1/19/00	Fecal Coliforms	110	mpn/100m	Colilert 18
CNBBG	1/11/00	Fecal Coliforms	110	mpn/100m	Colilert 18
CNBBG	1/11/00	Fecal Coliforms	110	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/5/00	Fecal Coliforms	120	mpn/100m	Colilert 18

CNBBG	1/5/00	Fecal Coliforms	122	mpn/100m	Colilert 18
CNBBG	12/28/99	Fecal Coliforms	122	mpn/100m	Colilert 18
CNBBG	12/28/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/21/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/21/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/14/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/14/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/7/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/7/99	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/30/99	Fecal Coliforms	134	mpn/100m	Colilert 18
CNBBG	11/30/99	Fecal Coliforms	135	mpn/100m	Colilert 18
CNBBG	11/23/99	Fecal Coliforms	140	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/23/99	Fecal Coliforms	140	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/16/99	Fecal Coliforms	140	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/16/99	Fecal Coliforms	143	mpn/100m	Colilert 18
CNBBG	11/8/99	Fecal Coliforms	170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/8/99	Fecal Coliforms	170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/3/99	Fecal Coliforms	170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/3/99	Fecal Coliforms	185	mpn/100m	Colilert 18

CNBBG	10/26/99	Fecal Coliforms	199	mpn/100m	Colilert 18
CNBBG	10/26/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/18/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/18/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/12/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/12/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/4/99	Fecal Coliforms	206	mpn/100m	Colilert 18
CNBBG	10/4/99	Fecal Coliforms	220	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/27/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/27/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/23/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/23/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/7/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/7/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/30/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/30/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/24/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/24/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/17/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	8/17/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/11/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/11/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/3/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/3/99	Fecal Coliforms	233	mpn/100m	Colilert 18
CNBBG	7/28/99	Fecal Coliforms	256	mpn/100m	Colilert 18
CNBBG	7/28/99	Fecal Coliforms	265	mpn/100m	Colilert 18
CNBBG	7/19/99	Fecal Coliforms	270	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/19/99	Fecal Coliforms	270	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/13/99	Fecal Coliforms	270	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/13/99	Fecal Coliforms	300	mpn/100m	Colilert 18
CNBBG	7/7/99	Fecal Coliforms	300	mpn/100m	Colilert 18
CNBBG	7/7/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/29/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/29/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/22/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/22/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/15/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/15/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	6/8/99	Fecal Coliforms	300	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/8/99	Fecal Coliforms	300	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/2/99	Fecal Coliforms	300	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/2/99	Fecal Coliforms	310	l	mpn/100m	Colilert 18
CNBBG	5/25/99	Fecal Coliforms	310	l	mpn/100m	Colilert 18
CNBBG	5/25/99	Fecal Coliforms	317	l	mpn/100m	Colilert 18
CNBBG	5/18/99	Fecal Coliforms	340	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/18/99	Fecal Coliforms	340	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/12/99	Fecal Coliforms	410	l	mpn/100m	Colilert 18
CNBBG	5/12/99	Fecal Coliforms	410	l	mpn/100m	Colilert 18
CNBBG	5/5/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/5/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/27/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/27/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/21/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/21/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/12/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/12/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/6/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	4/6/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/23/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/23/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/16/99	Fecal Coliforms	520	mpn/100m	Colilert 18
CNBBG	3/16/99	Fecal Coliforms	600	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/10/99	Fecal Coliforms	631	mpn/100m	Colilert 18
CNBBG	3/10/99	Fecal Coliforms	700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/2/99	Fecal Coliforms	700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/2/99	Fecal Coliforms	700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/23/99	Fecal Coliforms	740	mpn/100m	Colilert 18
CNBBG	2/23/99	Fecal Coliforms	740	mpn/100m	Colilert 18
CNBBG	2/16/99	Fecal Coliforms	740	mpn/100m	Colilert 18
CNBBG	2/9/99	Fecal Coliforms	740	mpn/100m	Colilert 18
CNBBG	2/2/99	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/27/99	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/27/99	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/19/99	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	1/19/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/13/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/13/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/5/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/5/99	Fecal Coliforms	1043	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/28/98	Fecal Coliforms	1046	l	mpn/100m	Colilert 18
CNBBG	12/28/98	Fecal Coliforms	1100	l	mpn/100m	Colilert 18
CNBBG	12/21/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/21/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/15/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/15/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/7/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/7/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/1/98	Fecal Coliforms	1100	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/1/98	Fecal Coliforms	1190	l	mpn/100m	Colilert 18
CNBBG	11/24/98	Fecal Coliforms	1210	l	mpn/100m	Colilert 18
CNBBG	11/24/98	Fecal Coliforms	1300	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/17/98	Fecal Coliforms	1300	l	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	11/17/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/12/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/9/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/9/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/3/98	Fecal Coliforms	1565	mpn/100m	Colilert 18
CNBBG	11/3/98	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/27/98	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/21/98	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/14/98	Fecal Coliforms	2200	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/7/98	Fecal Coliforms	2300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/28/98	Fecal Coliforms	2300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/21/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/15/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/9/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/2/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/25/98	Fecal Coliforms	2460	mpn/100m	Colilert 18
CNBBG	8/18/98	Fecal Coliforms	2800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/13/98	Fecal Coliforms	2990	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	8/3/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/27/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/21/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/13/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/8/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/2/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/23/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/15/98	Fecal Coliforms	3448	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/9/98	Fecal Coliforms	4190	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/2/98	Fecal Coliforms	4884	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/28/98	Fecal Coliforms	4884	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/21/98	Fecal Coliforms	5000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/12/98	Fecal Coliforms	5172	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/7/98	Fecal Coliforms	5200	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/29/98	Fecal Coliforms	5360	l	mpn/100m	Colilert 18 MTF by EC (APHA 9221 E.1)
CNBBG	4/22/98	Fecal Coliforms	5794	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/15/98	Fecal Coliforms	6240	l	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	4/7/98	Fecal Coliforms	6488	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/98	Fecal Coliforms	6488	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/26/98	Fecal Coliforms	7701	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/17/98	Fecal Coliforms	8000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/11/98	Fecal Coliforms	8600	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/4/98	Fecal Coliforms	9000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/26/98	Fecal Coliforms	9208	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/18/98	Fecal Coliforms	9600	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/10/98	Fecal Coliforms	9804	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/5/98	Fecal Coliforms	9804	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/27/98	Fecal Coliforms	10170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/21/98	Fecal Coliforms	10462	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/14/98	Fecal Coliforms	10462	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/6/98	Fecal Coliforms	10462	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/30/97	Fecal Coliforms	12810	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/23/97	Fecal Coliforms	13000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/18/97	Fecal Coliforms	14136	mpn/100m	Colilert 18

CNBBG	12/3/97 Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/25/97 Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/20/97 Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/5/97 Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/29/97 Fecal Coliforms	14210	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/16/97 Fecal Coliforms	15530	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/8/97 Fecal Coliforms	15531	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/1/97 Fecal Coliforms	16000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/24/97 Fecal Coliforms	16000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/17/97 Fecal Coliforms	16000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/10/97 Fecal Coliforms	20140	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/4/97 Fecal Coliforms	20980	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/27/97 Fecal Coliforms	20980	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/20/97 Fecal Coliforms	22000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/13/97 Fecal Coliforms	23820	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/6/97 Fecal Coliforms	24000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/30/97 Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	7/23/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/16/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/9/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/1/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/24/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/17/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/10/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/3/97	Fecal Coliforms	28090	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/27/97	Fecal Coliforms	32820	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/20/97	Fecal Coliforms	34480	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/13/97	Fecal Coliforms	43520	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/6/97	Fecal Coliforms	61310	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/29/97	Fecal Coliforms	81640	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/22/97	Fecal Coliforms	81640	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/15/97	Fecal Coliforms	98040	mpn/100m	Colilert 18
CNBBG	4/8/97	Fecal Coliforms	111985	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/25/97	Fecal Coliforms	111990	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	3/25/97	Fecal Coliforms	129965	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/18/97	Fecal Coliforms	155307	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/11/97	Fecal Coliforms	160000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/4/97	Fecal Coliforms	198628	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/25/97	Fecal Coliforms	241917	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/18/97	Fecal Coliforms	241920	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/11/97	Fecal Coliforms	517720	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/4/97	Fecal Coliforms	86	mpn/100m	Colilert 18
CNBBG	1/28/97	Fecal Coliforms	97	mpn/100m	Colilert 18
CNBBG	1/21/97	Fecal Coliforms	148	mpn/100m	Colilert 18
CNBBG	1/14/97	Fecal Coliforms	185	mpn/100m	Colilert 18
CNBBG	1/7/97	Fecal Coliforms	187	mpn/100m	Colilert 18
CNBBG	12/30/96	Fecal Coliforms	216	mpn/100m	Colilert 18

StationID	SampleDate	ParameterCode	Result	Units	AnalysisMethod
CNBBG	8/16/01	Fecal Coliforms	20	MPN/100 ml	Colilert 18
CNBBG	8/7/01	Fecal Coliforms	148	MPN/100 ml	Colilert 18
CNBBG	8/2/01	Fecal Coliforms	60	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/24/01	Fecal Coliforms	150	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/19/01	Fecal Coliforms	40	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/12/01	Fecal Coliforms	240	cfu/100ml	MF (APHA 9222 D)
CNBBG	7/3/01	Fecal Coliforms	560	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/26/01	Fecal Coliforms	150	cfu/100ml	MF (APHA 9222 D)
CNBBG	6/21/01	Fecal Coliforms	10	mpn/100m	Colilert 18
CNBBG	6/12/01	Fecal Coliforms	10	mpn/100m	Colilert 18
CNBBG	6/7/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/30/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/24/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/15/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/10/01	Fecal Coliforms	20	mpn/100m	Colilert 18
CNBBG	5/1/01	Fecal Coliforms	31	mpn/100m	Colilert 18
CNBBG	4/26/01	Fecal Coliforms	31	mpn/100m	Colilert 18
CNBBG	4/17/01	Fecal Coliforms	41	mpn/100m	Colilert 18
CNBBG	4/10/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	4/3/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/29/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/20/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/12/01	Fecal Coliforms	52	mpn/100m	Colilert 18
CNBBG	3/5/01	Fecal Coliforms	85	mpn/100m	Colilert 18
CNBBG	2/26/01	Fecal Coliforms	86	mpn/100m	Colilert 18

CNBBG	2/20/01	Fecal Coliforms	96	mpn/100m	Colilert 18
CNBBG	2/15/01	Fecal Coliforms	98	mpn/100m	Colilert 18
CNBBG	2/5/01	Fecal Coliforms	110	mpn/100m	Colilert 18
CNBBG	1/29/01	Fecal Coliforms	121	mpn/100m	Colilert 18
CNBBG	1/22/01	Fecal Coliforms	134	mpn/100m	Colilert 18
CNBBG	1/16/01	Fecal Coliforms	156	mpn/100m	Colilert 18
CNBBG	1/8/01	Fecal Coliforms	158	mpn/100m	Colilert 18
CNBBG	1/2/01	Fecal Coliforms	161	mpn/100m	Colilert 18
CNBBG	12/26/00	Fecal Coliforms	169	mpn/100m	Colilert 18
CNBBG	12/18/00	Fecal Coliforms	187	mpn/100m	Colilert 18
CNBBG	12/11/00	Fecal Coliforms	197	mpn/100m	Colilert 18
CNBBG	12/4/00	Fecal Coliforms	259	mpn/100m	Colilert 18
CNBBG	11/27/00	Fecal Coliforms	317	mpn/100m	Colilert 18
CNBBG	11/20/00	Fecal Coliforms	336	mpn/100m	Colilert 18
CNBBG	11/13/00	Fecal Coliforms	341	mpn/100m	Colilert 18
CNBBG	11/8/00	Fecal Coliforms	379	mpn/100m	Colilert 18
CNBBG	11/1/00	Fecal Coliforms	382	mpn/100m	Colilert 18
CNBBG	10/25/00	Fecal Coliforms	419	mpn/100m	Colilert 18
CNBBG	10/17/00	Fecal Coliforms	457	mpn/100m	Colilert 18
CNBBG	10/11/00	Fecal Coliforms	691	mpn/100m	Colilert 18
CNBBG	10/4/00	Fecal Coliforms	723	mpn/100m	Colilert 18
CNBBG	9/25/00	Fecal Coliforms	906	mpn/100m	Colilert 18
CNBBG	9/19/00	Fecal Coliforms	1046	mpn/100m	Colilert 18
CNBBG	9/12/00	Fecal Coliforms	2723	mpn/100m	Colilert 18
CNBBG	9/6/00	Fecal Coliforms	6488	mpn/100m	Colilert 18
CNBBG	8/28/00	Fecal Coliforms	290	cfu/100ml	MF (APHA 9222 D)

CNBBG	8/22/00	Fecal Coliforms	720 cfu/100ml	MF (APHA 9222 D)
CNBBG	8/15/00	Fecal Coliforms	1280 cfu/100ml	MF (APHA 9222 D)
CNBBG	8/8/00	Fecal Coliforms	650 cfu/100ml	MF (APHA 9222 D)
CNBBG	8/1/00	Fecal Coliforms	700 cfu/100ml	MF (APHA 9222 D)
CNBBG	7/26/00	Fecal Coliforms	240 cfu/100ml	MF (APHA 9222 D)
CNBBG	7/19/00	Fecal Coliforms	90 cfu/100ml	MF (APHA 9222 D)
CNBBG	7/11/00	Fecal Coliforms	420 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/27/00	Fecal Coliforms	380 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/20/00	Fecal Coliforms	210 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/13/00	Fecal Coliforms	110 cfu/100ml	MF (APHA 9222 D)
CNBBG	6/6/00	Fecal Coliforms	80 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/31/00	Fecal Coliforms	200 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/23/00	Fecal Coliforms	110 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/16/00	Fecal Coliforms	450 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/9/00	Fecal Coliforms	240 cfu/100ml	MF (APHA 9222 D)
CNBBG	5/2/00	Fecal Coliforms	10 I	Colilert 18 MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/25/00	Fecal Coliforms	20 I	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/19/00	Fecal Coliforms	20 I	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/19/00	Fecal Coliforms	20 I	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/11/00	Fecal Coliforms	20 I	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/11/00	Fecal Coliforms	20 I	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/4/00	Fecal Coliforms	20 I	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	4/4/00	Fecal Coliforms	31 I	Colilert 18

CNBBG	3/30/00 Fecal Coliforms	52	Colilert 18
		mpn/100m	
CNBBG	3/30/00 Fecal Coliforms	52	Colilert 18
		mpn/100m	MTF by EC
			(APHA 9221
CNBBG	3/22/00 Fecal Coliforms	70	E.1)
		mpn/100m	MTF by EC
			(APHA 9221
CNBBG	3/22/00 Fecal Coliforms	70	E.1)
		mpn/100m	MTF by EC
			(APHA 9221
CNBBG	3/14/00 Fecal Coliforms	80	E.1)
		mpn/100m	MTF by EC
			(APHA 9221
CNBBG	3/14/00 Fecal Coliforms	80	E.1)
		mpn/100m	
CNBBG	3/9/00 Fecal Coliforms	86	Colilert 18
		mpn/100m	
CNBBG	3/9/00 Fecal Coliforms	86	Colilert 18
		mpn/100m	
CNBBG	2/29/00 Fecal Coliforms	86	Colilert 18
		mpn/100m	MTF by EC
			(APHA 9221
CNBBG	2/29/00 Fecal Coliforms	90	E.1)
		mpn/100m	
CNBBG	2/15/00 Fecal Coliforms	98	Colilert 18
		mpn/100m	
CNBBG	2/15/00 Fecal Coliforms	98	Colilert 18
		mpn/100m	
CNBBG	2/8/00 Fecal Coliforms	100	Colilert 18
		mpn/100m	
CNBBG	2/8/00 Fecal Coliforms	100	Colilert 18
		mpn/100m	
CNBBG	2/2/00 Fecal Coliforms	100	Colilert 18
		mpn/100m	
CNBBG	2/2/00 Fecal Coliforms	100	Colilert 18
		mpn/100m	
CNBBG	1/26/00 Fecal Coliforms	100	Colilert 18
		mpn/100m	
CNBBG	1/26/00 Fecal Coliforms	100	Colilert 18
		mpn/100m	
CNBBG	1/19/00 Fecal Coliforms	110	Colilert 18
		mpn/100m	
CNBBG	1/19/00 Fecal Coliforms	110	Colilert 18
		mpn/100m	
CNBBG	1/11/00 Fecal Coliforms	110	Colilert 18
		mpn/100m	MTF by EC
			(APHA 9221
CNBBG	1/11/00 Fecal Coliforms	110	E.1)
		mpn/100m	
CNBBG	1/5/00 Fecal Coliforms	120	Colilert 18

CNBBG	1/5/00	Fecal Coliforms	122	mpn/100m Colilert 18
CNBBG	12/28/99	Fecal Coliforms	122	mpn/100m Colilert 18
CNBBG	12/28/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	12/21/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	12/21/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	12/14/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	12/14/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	12/7/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	12/7/99	Fecal Coliforms	130	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	11/30/99	Fecal Coliforms	134	mpn/100m Colilert 18
CNBBG	11/30/99	Fecal Coliforms	135	mpn/100m Colilert 18
CNBBG	11/23/99	Fecal Coliforms	140	MTF by EC (APHA 9221 E.1)
CNBBG	11/23/99	Fecal Coliforms	140	MTF by EC (APHA 9221 E.1)
CNBBG	11/16/99	Fecal Coliforms	140	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	11/16/99	Fecal Coliforms	143	mpn/100m Colilert 18
CNBBG	11/8/99	Fecal Coliforms	170	MTF by EC (APHA 9221 E.1)
CNBBG	11/8/99	Fecal Coliforms	170	MTF by EC (APHA 9221 E.1)
CNBBG	11/3/99	Fecal Coliforms	170	mpn/100m MTF by EC (APHA 9221 E.1)
CNBBG	11/3/99	Fecal Coliforms	185	mpn/100m Colilert 18

CNBBG	10/26/99	Fecal Coliforms	199	mpn/100m	Colilert 18
CNBBG	10/26/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/18/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/18/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/12/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/12/99	Fecal Coliforms	200	mpn/100m	Colilert 18
CNBBG	10/4/99	Fecal Coliforms	206	mpn/100m	Colilert 18
CNBBG	10/4/99	Fecal Coliforms	220	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/27/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/27/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/23/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/23/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/7/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/7/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/30/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/30/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/24/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/24/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/17/99	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	8/17/99	Fecal Coliforms	230	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	8/11/99	Fecal Coliforms	230	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	8/11/99	Fecal Coliforms	230	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	8/3/99	Fecal Coliforms	230	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	8/3/99	Fecal Coliforms	233	l	mpn/100m Colilert 18
CNBBG	7/28/99	Fecal Coliforms	256	l	mpn/100m Colilert 18
CNBBG	7/28/99	Fecal Coliforms	265	l	mpn/100m Colilert 18
CNBBG	7/19/99	Fecal Coliforms	270	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	7/19/99	Fecal Coliforms	270	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	7/13/99	Fecal Coliforms	270	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	7/13/99	Fecal Coliforms	300	l	mpn/100m Colilert 18
CNBBG	7/7/99	Fecal Coliforms	300	l	mpn/100m Colilert 18
CNBBG	7/7/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	6/29/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	6/29/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	6/22/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	6/22/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	6/15/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)
CNBBG	6/15/99	Fecal Coliforms	300	l	MTF by EC mpn/100m (APHA 9221 E.1)

CNBBG	6/8/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/8/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/2/99	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/2/99	Fecal Coliforms	310	mpn/100m	Colilert 18
CNBBG	5/25/99	Fecal Coliforms	310	mpn/100m	Colilert 18
CNBBG	5/25/99	Fecal Coliforms	317	mpn/100m	Colilert 18
CNBBG	5/18/99	Fecal Coliforms	340	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/18/99	Fecal Coliforms	340	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/12/99	Fecal Coliforms	410	mpn/100m	Colilert 18
CNBBG	5/12/99	Fecal Coliforms	410	mpn/100m	Colilert 18
CNBBG	5/5/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/5/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/27/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/27/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/21/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/21/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/12/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/12/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/6/99	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	4/6/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/23/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/23/99	Fecal Coliforms	500	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/16/99	Fecal Coliforms	520	l	mpn/100m	Colilert 18
CNBBG	3/16/99	Fecal Coliforms	600	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/10/99	Fecal Coliforms	631	l	mpn/100m	Colilert 18
CNBBG	3/10/99	Fecal Coliforms	700	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/2/99	Fecal Coliforms	700	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/2/99	Fecal Coliforms	700	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/23/99	Fecal Coliforms	740	l	mpn/100m	Colilert 18
CNBBG	2/23/99	Fecal Coliforms	740	l	mpn/100m	Colilert 18
CNBBG	2/16/99	Fecal Coliforms	740	l	mpn/100m	Colilert 18
CNBBG	2/9/99	Fecal Coliforms	740	l	mpn/100m	Colilert 18
CNBBG	2/2/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/27/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/27/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/19/99	Fecal Coliforms	800	l	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	1/19/99	Fecal Coliforms	800	mpn/100m (APHA 9221 E.1)
CNBBG	1/13/99	Fecal Coliforms	800	mpn/100m (APHA 9221 E.1)
CNBBG	1/13/99	Fecal Coliforms	800	mpn/100m (APHA 9221 E.1)
CNBBG	1/5/99	Fecal Coliforms	800	mpn/100m (APHA 9221 E.1)
CNBBG	1/5/99	Fecal Coliforms	1043	mpn/100m (APHA 9221 E.1)
CNBBG	12/28/98	Fecal Coliforms	1046	mpn/100m Colilert 18
CNBBG	12/28/98	Fecal Coliforms	1100	mpn/100m Colilert 18
CNBBG	12/21/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/21/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/15/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/15/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/7/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/7/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/1/98	Fecal Coliforms	1100	mpn/100m (APHA 9221 E.1)
CNBBG	12/1/98	Fecal Coliforms	1190	mpn/100m Colilert 18
CNBBG	11/24/98	Fecal Coliforms	1210	mpn/100m Colilert 18
CNBBG	11/24/98	Fecal Coliforms	1300	mpn/100m (APHA 9221 E.1)
CNBBG	11/17/98	Fecal Coliforms	1300	mpn/100m (APHA 9221 E.1)

CNBBG	11/17/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/12/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/9/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/9/98	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/3/98	Fecal Coliforms	1565	mpn/100m	Colilert 18
CNBBG	11/3/98	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/27/98	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/21/98	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/14/98	Fecal Coliforms	2200	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/7/98	Fecal Coliforms	2300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/28/98	Fecal Coliforms	2300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/21/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/15/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/9/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/2/98	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/25/98	Fecal Coliforms	2460	mpn/100m	Colilert 18
CNBBG	8/18/98	Fecal Coliforms	2800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/13/98	Fecal Coliforms	2990	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	8/3/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/27/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/21/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/13/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/8/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/2/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/23/98	Fecal Coliforms	3000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/15/98	Fecal Coliforms	3448	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/9/98	Fecal Coliforms	4190	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/2/98	Fecal Coliforms	4884	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/28/98	Fecal Coliforms	4884	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/21/98	Fecal Coliforms	5000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/12/98	Fecal Coliforms	5172	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/7/98	Fecal Coliforms	5200	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/29/98	Fecal Coliforms	5360	l	mpn/100m	Colilert 18 MTF by EC (APHA 9221 E.1)
CNBBG	4/22/98	Fecal Coliforms	5794	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/15/98	Fecal Coliforms	6240	l	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	4/7/98	Fecal Coliforms	6488	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/98	Fecal Coliforms	6488	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/26/98	Fecal Coliforms	7701	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/17/98	Fecal Coliforms	8000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/11/98	Fecal Coliforms	8600	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/4/98	Fecal Coliforms	9000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/26/98	Fecal Coliforms	9208	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/18/98	Fecal Coliforms	9600	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/10/98	Fecal Coliforms	9804	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/5/98	Fecal Coliforms	9804	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/27/98	Fecal Coliforms	10170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/21/98	Fecal Coliforms	10462	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/14/98	Fecal Coliforms	10462	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/6/98	Fecal Coliforms	10462	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/30/97	Fecal Coliforms	12810	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/23/97	Fecal Coliforms	13000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/18/97	Fecal Coliforms	14136	mpn/100m	Colilert 18

CNBBG	12/3/97	Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/25/97	Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/20/97	Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/5/97	Fecal Coliforms	14136	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/29/97	Fecal Coliforms	14210	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/16/97	Fecal Coliforms	15530	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/8/97	Fecal Coliforms	15531	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/1/97	Fecal Coliforms	16000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/24/97	Fecal Coliforms	16000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/17/97	Fecal Coliforms	16000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/10/97	Fecal Coliforms	20140	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/4/97	Fecal Coliforms	20980	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/27/97	Fecal Coliforms	20980	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/20/97	Fecal Coliforms	22000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/13/97	Fecal Coliforms	23820	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/6/97	Fecal Coliforms	24000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/30/97	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	7/23/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/16/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/9/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/1/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/24/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/17/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/10/97	Fecal Coliforms	24192	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/3/97	Fecal Coliforms	28090	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/27/97	Fecal Coliforms	32820	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/20/97	Fecal Coliforms	34480	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/13/97	Fecal Coliforms	43520	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/6/97	Fecal Coliforms	61310	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/29/97	Fecal Coliforms	81640	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/22/97	Fecal Coliforms	81640	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/15/97	Fecal Coliforms	98040	l	mpn/100m	Colilert 18
CNBBG	4/8/97	Fecal Coliforms	111985	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/25/97	Fecal Coliforms	111990	l	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	3/25/97	Fecal Coliforms	129965	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/18/97	Fecal Coliforms	155307	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/11/97	Fecal Coliforms	160000	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/4/97	Fecal Coliforms	198628	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/25/97	Fecal Coliforms	241917	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/18/97	Fecal Coliforms	241920	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/11/97	Fecal Coliforms	517720	l	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/4/97	Fecal Coliforms	86	l	mpn/100m	Colilert 18
CNBBG	1/28/97	Fecal Coliforms	97	l	mpn/100m	Colilert 18
CNBBG	1/21/97	Fecal Coliforms	148	l	mpn/100m	Colilert 18
CNBBG	1/14/97	Fecal Coliforms	185	l	mpn/100m	Colilert 18
CNBBG	1/7/97	Fecal Coliforms	187	l	mpn/100m	Colilert 18
CNBBG	12/30/96	Fecal Coliforms	216	l	mpn/100m	Colilert 18
CNBBG	12/23/96	Fecal Coliforms	262	l	mpn/100m	Colilert 18
CNBBG	12/17/96	Fecal Coliforms	271	l	mpn/100m	Colilert 18
CNBBG	12/10/96	Fecal Coliforms	288	l	mpn/100m	Colilert 18
CNBBG	12/3/96	Fecal Coliforms	311	l	mpn/100m	Colilert 18
CNBBG	11/26/96	Fecal Coliforms	345	l	mpn/100m	Colilert 18
CNBBG	11/19/96	Fecal Coliforms	448	l	mpn/100m	Colilert 18
CNBBG	11/12/96	Fecal Coliforms	536	l	mpn/100m	Colilert 18
CNBBG	11/5/96	Fecal Coliforms	820	l	mpn/100m	Colilert 18
CNBBG	10/29/96	Fecal Coliforms	1014	l	mpn/100m	Colilert 18

CNBBG	10/22/96	Fecal Coliforms	1376	mpn/100m	Colilert 18
CNBBG	10/15/96	Fecal Coliforms	1723	mpn/100m	Colilert 18
CNBBG	10/8/96	Fecal Coliforms	3448	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/1/96	Fecal Coliforms	3654	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/24/96	Fecal Coliforms	4352	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/17/96	Fecal Coliforms	5172	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/10/96	Fecal Coliforms	5475	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/3/96	Fecal Coliforms	5475	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/27/96	Fecal Coliforms	5794	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/20/96	Fecal Coliforms	6131	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/13/96	Fecal Coliforms	6867	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/6/96	Fecal Coliforms	7701	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/30/96	Fecal Coliforms	8164	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/23/96	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/16/96	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/9/96	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/2/96	Fecal Coliforms	24192	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/27/94	Fecal Coliforms	20	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	12/20/94	Fecal Coliforms	20	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/13/94	Fecal Coliforms	40	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	12/6/94	Fecal Coliforms	60	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/28/94	Fecal Coliforms	80	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/23/94	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/15/94	Fecal Coliforms	130	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/7/94	Fecal Coliforms	170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	11/2/94	Fecal Coliforms	170	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/24/94	Fecal Coliforms	220	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/18/94	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/12/94	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	10/4/94	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/26/94	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/21/94	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/12/94	Fecal Coliforms	230	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	9/6/94	Fecal Coliforms	270	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/30/94	Fecal Coliforms	270	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	8/25/94	Fecal Coliforms	270	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/16/94	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/8/94	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	8/2/94	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/28/94	Fecal Coliforms	300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/19/94	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/14/94	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	7/6/94	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/30/94	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/23/94	Fecal Coliforms	500	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/13/94	Fecal Coliforms	700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	6/7/94	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/18/94	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/13/94	Fecal Coliforms	800	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	5/4/94	Fecal Coliforms	1100	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/29/94	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/21/94	Fecal Coliforms	1300	mpn/100m	MTF by EC (APHA 9221 E.1)

CNBBG	4/13/94	Fecal Coliforms	1400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	4/6/94	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/30/94	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/23/94	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/16/94	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/9/94	Fecal Coliforms	1700	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	3/4/94	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/23/94	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/16/94	Fecal Coliforms	2400	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	2/9/94	Fecal Coliforms	3000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/26/94	Fecal Coliforms	3000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/19/94	Fecal Coliforms	3000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/12/94	Fecal Coliforms	5000	mpn/100m	MTF by EC (APHA 9221 E.1)
CNBBG	1/11/94	Fecal Coliforms	9000	mpn/100m	MTF by EC (APHA 9221 E.1)

Months	2001 AVG.	2000 AVG.	1999 AVG.	1998 AVG.	1997 AVG.
January	146	110	830	10389	154
February	98	97	752	9604	250411
March	60	72	585	7958	151178
April	44	22	500	5971	93326
May	22	202	391	5064	43033
June	48	195	301	3881	25167
July	248	250	279	3000	24192
August	76	728	230	2813	22700
September		2791	230	2380	18280
October		573	203	1975	15318
November		351	153	1364	14136
December		203	129	1104	13521



COUNTY OF ORANGE HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES ENVIRONMENTAL HEALTH

JULIETTE A. POULSON, RN, MN
INTERIM DIRECTOR

MIKE SPURGEON
DEPUTY AGENCY DIRECTOR
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Back Gully Creek
- Orange County Beaches

PLEASE DISTRIBUTE THE FOLLOWING MONITORING DATA TO THE APPROPRIATE RECIPIENT:

- ⇒ MARK BABSKI, Surfrider Foundation – National *via E-MAIL
- ⇒ BRAD BARKER, Parks & Recreation Dept., State of California (Doheny)
- ⇒ CHRIS CROMPTON, Public Facilities & Resources Dept., County of Orange
- ⇒ CAPT. STEVE CUSHMAN, Lifeguard Dept., City of Seal Beach *via E-MAIL
- ⇒ PAT DAPKUS, Administrative Services Dept., City of Huntington Beach *via E-MAIL
- ⇒ MIKE EATON, Parks & Recreation Dept., State of California (Crystal Cove) *via E-MAIL
- ⇒ JOHN R. FOX, General Manager, Emerald Bay Service District
- ⇒ KELLY FRENCH, Surfrider Foundation *via MAIL
- ⇒ NANCY GARDNER, Surfrider Foundation – Newport *via MAIL
- ⇒ EVELYN HART, Newport Beach *via MAIL
- ⇒ CAPT. LYNN HUGHES, Marine Safety, City of San Clemente
- ⇒ CHIEF MARK KLOSTERMAN, City of Laguna Beach Marine Safety *via E-MAIL
- ⇒ GREGG LANGLOIS, Shellfish Program, State Department of Health Services
- ⇒ STEVEN MAY, City Engineer, Laguna Beach *via E-MAIL
- ⇒ TONY MELUM, Marine Safety, City of Newport Beach
- ⇒ JOE MILLIGAN, Parks & Recreation Dept., State of California, (Huntington & Bolsa Chica)
- ⇒ DOUG MOORE, Public Health Laboratory, County of Orange
- ⇒ CHRISTIAN MORRIS-SMITH, Surfrider Foundation – Laguna Beach *via MAIL
- ⇒ DON RUSSELL, Capistrano Bay Community Services District *via E-MAIL
- ⇒ CHIEF STEVE SEIM, Marine Safety Division, City of Huntington Beach
- ⇒ KEN THEISEN, Santa Ana Regional Water Quality Control Board
- ⇒ ANDREW THEODOROU, Newport Dunes
- ⇒ MICHAEL TOPE, Parks & Recreation Dept., State of California (San Clemente)
- ⇒ BILLY WHITFORD, Newport Aquatic Center *via MAIL

Documents Transmitted: Bacteriological Monitoring Data

Comments: For your information. This is also available via E-Mail. Contact Monica Mazur for further details.

From: Monica Mazur (714) 667-3751

This Information Sheet plus 8 Page(s)

Date Sent: 3/8/01

Time Sent p.m.

If you do not receive all the pages, please call (714) 667-3751 as soon as possible to request a retransmission.

FAX Operator: mm

Total Coliform (TC), E. (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		12/20/00	12/27/00	1/4/01	1/10/01	1/18/01	1/23/01	1/31/01	2/7/01	2/14/01	2/22/01	2/28/01
SAN GABRIEL RIVER						RAIN 1/8/01					RAIN	RAIN	RAIN
CSGRM	SGR - Marina Drive	TC	1100	764	1043	>24192	2400	934	>24192	8488	>24192	2224	NS
		EC	51	240	41	561	10	20	160	74	2481	52	NS
		ENT	20	216	10	480	121	74	63	373	2382	31	NS
CSGR1	1st Street Parking Lot	TC	1112	601	813	>24192	5794	1281	15531	1396	>24192	752	NS
		EC	110	52	74	480	148	20	63	813	1137	63	NS
		ENT	41	146	102	1834	148	85	52	2813	1958	122	NS
SEAL BEACH (surfzone)													
OSB02	Projection of 1st Street	TC	40	<20	<20	9000	70	230	20	170	16000	80	3000
		EC	41	<10	20	278	41	74	10	10	4108	74	350
		ENT	10	10	80	218	41	171	10	30	3654	31	1057
OSB03	Projection of 8th Street	TC	20	20	40	1700	3000	170	<20	80	1300	170	3000
		EC	31	20	<10	282	85	63	<10	10	53	41	262
		ENT	<10	10	20	74	311	52	<10	62	246	92	613
OSB04	Projection of 14th Street	TC	<20	<20	<20	NS	110	140	40	<20	800	170	3000
		EC	<10	<10	41	NS	<10	20	20	<10	169	10	171
		ENT	<10	<10	<10	NS	10	41	<10	10	388	20	187
OSB01	Projection of Sea Way	TC	<20	80	40	270	130	40	20	20	170	70	NS
		EC	<10	74	86	41	134	95	<10	10	88	20	NS
		ENT	<10	<10	10	41	31	31	<10	10	143	20	NS
SUNSET BEACH (surfzone)													
QSUB1	Projection of Broadway	TC	<20	70	80	2400	20	40	<20	<20	700	40	NS
		EC	<10	<10	41	41	74	74	<10	20	74	10	NS
		ENT	<10	<10	10	53	10	20	<10	<10	240	<10	NS
HUNTINGTON HARBOUR (In Harbour)													
BHH08	Bolsa Bay	TC	<20	<20	<20	3000	80	20	40	80	2400	170	NS
		EC	31	<10	<10	345	<10	41	<10	62	934	51	NS
		ENT	10	10	<10	537	31	20	<10	30	1565	<10	NS
MHH07	Sunset Aquatic Marina	TC	<20	40	<20	>16000	170	220	300	40	>16000	170	>16000
		EC	<10	10	10	2735	<10	10	63	10	1493	<10	7701
		ENT	31	52	20	8867	52	41	10	20	5784	31	6488
BHH15	Mother's Beach	TC	20	20	<20	>16000	130	20	<20	80	16000	3000	NS
		EC	41	10	<10	556	20	10	52	41	1483	20	NS
		ENT	41	20	<10	738	10	10	<10	41	3448	10	NS
BHH12	Trinidad Lane Beach	TC	20	70	20	>16000	20	20	<20	80	>16000	40	NS
		EC	<10	52	20	1086	<10	20	10	20	906	<10	NS
		ENT	<10	31	10	1401	<10	10	20	31	4106	<10	NS
BHH09	Sea Gate	TC	<20	40	<20	1700	20	20	<20	<20	1700	<20	NS
		EC	10	<10	20	<10	<10	<10	<10	<10	256	<10	NS
		ENT	<10	<10	10	41	<10	<10	<10	10	86	<10	NS
BHH06	Humboldt Beach	TC	<20	<20	<20	>16000	70	<20	<20	3000	16000	170	NS
		EC	<10	<10	<10	1145	<10	<10	<10	78	906	109	NS
		ENT	10	10	10	2142	<10	<10	<10	3076	4108	10	NS
MHH10	Davenport Beach	TC	<20	<20	<20	>16000	170	<20	80	2400	>16000	500	NS
		EC	<10	<10	<10	697	10	<10	<10	10	723	10	NS
		ENT	<10	<10	31	1178	10	<10	<10	272	2451	10	NS
MHH01	Clubhouse Marina	TC	1700	170	2400	>16000	500	20	2400	170	15000	1100	NS
		EC	52	<10	108	609	<10	10	<10	52	1112	<10	NS
		ENT	52	31	20	1137	10	10	20	10	2909	<10	NS
BHH13	Harbour Channel	TC	20	220	<20	>16000	220	40	40	<20	15000	500	NS
		EC	20	52	<10	528	10	<10	10	10	1187	<10	NS
		ENT	10	10	10	1384	31	20	<10	<10	4106	31	NS
BHH04	11th Street Beach	TC	1700	<20	9000	>16000	130	40	20	1300	16000	300	NS
		EC	452	20	17329	1039	97	30	203	907	907	83	NS
		ENT	318	31	441	2755	187	73	74	1180	1337	278	NS
BHH11	Admiralty Drive	TC	<20	80	<20	>16000	80	130	110	<20	16000	170	NS
		EC	20	110	<10	687	<10	160	63	10	884	<10	NS
		ENT	20	364	20	1989	41	313	41	41	5172	10	NS
MHH14	Anderson Street Marina	TC	20	20	40	9000	80	40	80	20	>16000	130	NS
		EC	<10	<10	<10	86	31	10	31	10	4884	<10	NS
		ENT	10	31	31	265	63	86	20	<10	3076	10	NS
BHH05	Anaholm Bay - Gas Dock	TC	20	40	<20	9000	230	<20	70	<20	>16000	170	NS
		EC	<10	<10	20	74	31	10	<10	41	2987	10	NS
		ENT	31	10	20	135	52	20	20	<10	5172	41	NS
BHH16	Coral Cay Beach	TC	80	20	<20	>16000	80	20	80	3000	16000	80	NS
		EC	<10	51	<10	1842	63	20	20	4811	1050	20	NS
		ENT	<10	31	10	4108	74	20	10	1935	3448	20	NS

Health Care Agency / Environmental Health Bacteriological Monitoring Program
Total Coliform (TC), *E.coli* (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		12/12/00	1/3/01	1/9/01	1/17/01	1/23/01	1/30/01	2/6/01	2/14/01	2/21/01	2/27/01
NEWPORT BAY (Upper Bay)					RAIN 1/8/01					RAIN	RAIN	RAIN
BNB24	Newport Dunes - Middle	TC	40	20	>16000	800	300	5000	230	>16000	1100	>16000
		EC	<10	10	3654	122	20	<10	31	1935	583	1333
		ENT	10	<10	15531	669	51	31	20	5794	41	5172
BNB24	Newport Dunes - West	TC	80	40	>16000	3000	210	2200	40	>16000	240	>16000
		EC	10	<10	2755	2046	63	52	41	1860	134	1529
		ENT	31	<10	19863	4352	52	<10	10	8164	52	5794
BNB24	Newport Dunes - East	TC	20	1700	>16000	330	70	1300	170	>16000	500	>16000
		EC	63	1414	4884	74	10	52	52	1450	51	1100
		ENT	<10	<10	19853	96	10	<10	<10	5475	134	3076
BNB24	Newport Dunes - North	TC	130	20	>16000	300	20	1400	<20	>16000	500	>16000
		EC	31	<10	5794	74	41	30	10	2098	109	1334
		ENT	<10	10	17329	160	<10	<10	10	8164	41	4611
BNB25	Vaughn's Launch	TC	70	NS	5000	NS	300	1700	130	>16000	800	NS
		EC	74	NS	244	NS	52	<10	41	2224	148	NS
		ENT	31	NS	687	NS	52	31	62	15531	148	NS
BNB26	Ski Zone	TC	40	NS	>16000	NS	90	NS	300	NS	>16000	NS
		EC	10	NS	7701	NS	31	NS	41	NS	659	NS
		ENT	10	NS	11199	NS	10	NS	74	NS	2142	NS
BNB28	North Star Beach	TC	<20	20	16000	5000	20	>16000	20	>16000	240	>16000
		EC	<10	20	512	187	<10	448	<10	2924	93	2723
		ENT	<10	<10	1364	5172	20	272	20	6131	132	9804
BNB30	De Anza	TC	40	<20	5000	1100	40	1700	<20	>16000	170	>16000
		EC	20	<10	151	86	<10	41	20	2723	10	988
		ENT	<10	10	292	98	10	20	<10	8488	10	3654
BNB05	Bayshore Beach	TC	<20	130	3000	110	80	2400	40	>16000	170	16000
		EC	<10	10	80	10	<10	74	<10	2987	20	878
		ENT	<10	20	187	20	<10	<10	20	10482	10	4352
NEWPORT BAY TRIBUTARIES												
CNBSD	San Diego Creek - Campus Dr.	TC	2613	1842	>24192	19863	9208	>24192	4611	>24192	>16000	>16000
		EC	20	30	9208	246	41	464	305	5475	1145	4106
		ENT	<10	30	11199	158	98	448	63	>24192	410	9208
CNBSA	Santa Ana Delhi Channel	TC	>24192	12997	>24192	24192	>24192	>24192	11199	>24192	9000	16000
		EC	148	384	>24192	187	408	336	110	5172	134	5172
		ENT	8164	130	9804	1054	318	488	5172	11199	3654	4611
CNBBC	Big Canyon Creek	TC	7270	2755	>24192	NS	19863	1254	4611	>24192	1700	NS
		EC	121	228	5172	NS	243	51	288	2851	209	NS
		ENT	41	74	4352	NS	121	52	218	6131	122	NS
CNBND	Backbay Drive Pipe	TC	3873	2613	4352	1723	8164	1398	3448	>24192	500	5000
		EC	820	10	20	10	<10	<10	<10	368	10	1334
		ENT	41	1018	131	38	52	52	97	3448	63	2613

SINGLE SAMPLE STANDARDS:

Total Coliforms - 10,000 organisms per 100 milliliters sample.
 Fecal Coliforms (*E. coli*) - 400 organisms per 100 milliliters sample.
 Enterococci - 104 organisms per 100 milliliters sample.
 Fecal:Total Ratio - >1000 total coliforms if ratio exceeds 0.1.

**30-DAY LOG MEAN STANDARDS
 (of five weekly samples):**

Total Coliforms - 1,000 organisms per 100 milliliters sample.
 Fecal Coliforms (*E. coli*) - 200 organisms per 100 milliliters sample.
 Enterococci - 35 organisms per 100 milliliters sample.

NS - NOT SAMPLED
 LA - LAB ACCIDENT

STATION	Location Description		12/25/00	1/3/01	1/9/01	1/17/01	1/23/01	1/30/01	2/6/01	2/14/01	2/21/01	2/27/01
NEWPORT BAY (Lower Bay)					RAIN 1/8/01					RAIN	RAIN	RAIN
BNB09	43rd Street Beach	TC	80	40	2400	>16000	270	9000	300	>16000	203	>16000
		EC	10	10	530	41	10	31	197	754	231	2909
		ENT	31	31	548	1119	41	121	31	1450	285	3448
BNB10	38th Street Beach	TC	70	<20	9000	16000	500	1700	1300	>16000	1400	>16000
		EC	<10	<10	744	88	10	<10	122	1043	<10	3654
		ENT	41	74	1483	134	10	155	20	4106	41	4106
BNB11	33rd Street Channel	TC	<20	<20	16000	16000	300	800	300	15000	1300	>16000
		EC	<10	LA	4884	573	20	20	30	1558	41	1618
		ENT	<10	<10	4106	833	10	20	41	3873	749	4106
BNB32	Lido Yacht Club Beach	TC	<20	40	16000	110	230	110	70	>16000	40	>16000
		EC	10	<10	824	<10	121	20	41	1723	20	839
		ENT	10	<10	369	10	289	<10	63	7701	31	3448
BNB07	Via Genoa Beach	TC	<20	<20	2400	40	40	220	130	>16000	130	>16000
		EC	10	10	712	10	10	20	20	1248	86	1483
		ENT	<10	<10	262	20	<10	10	109	5172	10	3076
BNB35	Newport Blvd. Bridge	TC	500	>16000	>16000	>16000	300	300	>16000	>16000	9000	>16000
		EC	31	3762	2359	63	10	10	1153	9804	953	1169
		ENT	20	>24192	9804	96	120	20	>24192	12033	24192	3873
BNB12	Rhine Channel	TC	20	40	1700	1300	20	1300	80	>16000	40	16000
		EC	<10	10	265	52	<10	74	121	1515	10	1211
		ENT	<10	<10	272	<10	10	20	10	8488	74	3078
BNB14	19th Street Beach	TC	<20	40	3000	230	220	230	40	>16000	20	>16000
		EC	10	<10	111	52	73	74	20	1090	10	1159
		ENT	<10	<10	488	20	10	20	52	4106	<10	3873
BNB15	15th Street Beach	TC	20	<20	800	140	170	1300	<20	>16000	130	>16000
		EC	31	<10	30	10	10	<10	10	1338	85	960
		ENT	<10	<10	179	10	<10	20	10	7701	<10	1355
BNB17	10th Street Beach	TC	40	20	3000	230	<20	300	20	>16000	500	16000
		EC	<10	<10	272	20	<10	10	10	1553	712	884
		ENT	10	<10	158	84	10	<10	20	9208	108	4352
BNB18	Alvarado/ Bay Isle Beach	TC	<20	20	9000	230	40	2400	<20	>16000	40	>16000
		EC	<10	<10	723	<10	10	10	10	2014	<10	547
		ENT	<10	52	314	135	<10	<10	20	9208	10	3873
BNB22	N Street Beach	TC	20	<20	2200	20	40	170	<20	>16000	<20	>16000
		EC	41	20	140	30	31	20	<10	1354	10	520
		ENT	<10	20	134	10	10	<10	20	6488	10	4884
BNB31	Garnet Avenue Beach	TC	20	<20	3000	170	20	1100	20	>16000	40	>16000
		EC	<10	<10	204	10	<10	<10	<10	1722	10	836
		ENT	<10	20	311	31	20	<10	10	5172	20	3076
BNB03	Ruby Avenue Beach	TC	20	<20	1300	130	110	220	40	>16000	170	16000
		EC	<10	<10	186	41	63	<10	10	1259	<10	487
		ENT	10	<10	448	20	30	<10	53	5172	51	4611
BNB20	Sapphire Avenue Beach	TC	20	70	170	40	20	110	20	>16000	20	16000
		EC	<10	<10	40	10	10	<10	10	1500	10	708
		ENT	<10	<10	20	<10	<10	197	185	5794	<10	3076
BNB34	Grand Canal	TC	20	20	220	40	40	270	80	3000	170	16000
		EC	10	52	50	<10	<10	20	<10	1515	10	706
		ENT	20	20	30	20	<10	<10	10	4611	10	2613
BNB21	Abalons Avenue Beach	TC	20	<20	40	20	40	130	130	16000	40	16000
		EC	<10	10	10	10	10	<10	187	1081	10	669
		ENT	41	<10	52	<10	20	10	98	7701	10	3076
BNB01	Park Avenue Beach	TC	70	<20	170	80	20	110	<20	>16000	40	5000
		EC	<10	30	20	<10	10	41	<10	1250	10	520
		ENT	<10	20	41	<10	<10	<10	<10	5794	20	3654
BNB02	Onyx Avenue Beach	TC	<20	<20	800	130	40	20	9000	>16000	40	>16000
		EC	10	<10	90	10	<10	<10	12033	1553	10	465
		ENT	<10	<10	399	20	52	31	7701	4352	20	2187
BNB29	Promontory Point Channel	TC	20	<20	600	20	20	80	300	>16000	40	>16000
		EC	<10	<10	245	<10	<10	<10	52	1076	10	457
		ENT	10	<10	384	10	<10	<10	6784	3255	<10	1918
BNB33	Harbor Patrol Beach	TC	<20	<20	220	2400	80	500	130	>16000	340	>16000
		EC	<10	<10	147	148	41	52	86	3609	<10	481
		ENT	<10	10	132	98	30	20	240	6488	84	1989
BNB23	Rocky Point Beach	TC	70	<20	130	40	130	40	20	>16000	300	16000
		EC	41	<10	20	31	134	<10	10	959	<10	354
		ENT	<10	10	41	<10	31	10	10	5172	<10	2909

03/09/2001 13:44 12/27/2007 Environmental Health Bacteriological Monitoring Program
Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Most Probable Number (MPN) per 100 ml Sample

STATION	Location Description		12/18/00	1/8/01	1/18/01	1/22/01	1/29/01	2/5/01	2/15/01	2/20/01	2/26/01	3/1/01
NEWPORT COAST (Surfzone)												
				RAIN					RAIN	RAIN	RAIN	RAIN
ONB29	Corona Del Mar State Beach	TC	<20	300	41	<20	130	80	800	20	1300	NS
		EC	<10	110	<10	<10	<10	131	<10	<10	20	NS
		ENT	10	134	<10	10	<10	108	20	10	314	NS
ONB31	Little Corona Beach	TC	<20	>16000	20	<20	80	40	2200	110	5000	NS
		EC	<10	17329	<10	<10	<10	20	63	<10	218	NS
		ENT	<10	1188	84	10	<10	74	185	20	882	NS
ONB35	Pelican Point	TC	110	<20	20	<20	20	20	2800	70	1300	NS
		EC	<10	<10	<10	<10	<10	31	41	10	52	NS
		ENT	10	<10	<10	<10	<10	41	31	485	NS	NS
ONB39	Crystal Cove	TC	<20	<20	20	<20	20	40	2400	80	NS	110
		EC	<10	<10	10	<10	<10	20	148	<10	NS	<10
		ENT	<10	10	10	<10	20	<10	41	20	NS	52
ONB43	Muddy Creek	TC	<20	20	<20	<20	<20	<20	20	40	NS	20
		EC	<10	20	10	<10	<10	<10	<10	<10	NS	10
		ENT	<10	<10	<10	<10	10	<10	<10	<10	NS	10
ONB45	El Morro Beach	TC	<20	20	20	<20	<20	40	<20	<20	NS	20
		EC	<10	10	10	10	<10	31	<10	<10	NS	<10
		ENT	<10	10	<10	<10	<10	<10	<10	<10	NS	20
NEWPORT COAST (Creeks) - All Creeks Flowing Unless												
CNBGG	Buck Gully Creek	TC	3873	6131	8864	5131	3873	2143	4611	8684	24192	NS
		EC	20	41	457	10	31	20	98	158	1046	NS
		ENT	121	185	175	85	145	350	226	1050	3076	NS
CNBPP	Pelican Point Creek	TC	<10	9804	>24192	24192	6488	17329	>24192	14136	>24192	NS
		EC	<10	74	173	83	10	233	88	364	428	NS
		ENT	<10	2143	1057	350	373	959	259	727	1789	NS
CNBPM	Pelican Point Middle Creek	TC	19863	4511	>24192	14136	9804	9804	>24192	17329	>24192	NS
		EC	7701	31	41	20	31	<10	30	<10	1198	NS
		ENT	2755	38	145	20	203	74	457	650	1860	NS
CNBPW	Pelican Hill Waterfall	TC	857	2481	14136	826	2282	488	6131	7701	NS	NS
		EC	<10	<10	309	20	10	<10	86	292	NS	NS
		ENT	<10	<10	259	52	136	74	199	4884	NS	NS
CNBCC	Crystal Cove Creek	TC	4106	24192	12033	5475	7701	6488	>24192	1616	NS	19863
		EC	161	631	41	161	168	691	85	20	NS	85
		ENT	258	354	161	1088	158	243	195	148	NS	480
CNBCU	Crystal Cove Upstream	TC	4884	15531	8184	12997	8684	14136	12997	12033	NS	NS
		EC	448	807	20	108	74	307	73	197	NS	NS
		ENT	504	771	259	2143	216	669	134	561	NS	NS
CNBMC	Muddy Creek	TC	>24192	>24192	>24192	24192	>24192	>24192	14136	>24192	NS	>24192
		EC	20	20	512	130	20	20	31	30	NS	119
		ENT	534	183	768	631	933	2014	269	763	NS	1014
CNB45	El Morro Creek	TC	5475	5172	7701	8164	7701	3255	>24192	3255	NS	9804
		EC	120	52	62	30	41	31	382	110	NS	20
		ENT	88	63	185	110	292	285	11199	243	NS	278
CNB8U	El Morro Creek Upstream	TC	3654	3448	>24192	12997	2851	5794	>24192	12033	NS	NS
		EC	<10	20	<10	<10	<10	<10	120	<10	NS	NS
		ENT	51	110	733	132	52	97	839	723	NS	NS
Laguna Beach (Surfzone)												
OLB10	Emerald Bay	TC	<20	<20	<20	20	<20	20	<20	40	NS	<20
		EC	<10	10	<10	<10	<10	<10	<10	<10	NS	<10
		ENT	<10	<10	<10	<10	<10	<10	<10	50	NS	<10
OLB05	Crescent Bay Beach	TC	<20	20	<20	20	20	20	20	20	NS	20
		EC	<10	41	<10	<10	<10	41	<10	<10	NS	<10
		ENT	<10	10	<10	<10	<10	<10	<10	20	NS	<10
OLB00	Laguna Main Beach	TC	40	300	<20	230	20	130	40	80	NS	170
		EC	172	201	<10	228	20	10	20	20	NS	10
		ENT	10	88	<10	53	50	20	<10	10	NS	<10
QSL12	Treasure Island Pier (construction on site - no access)	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		EC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Laguna Beach (Creeks) - All Creeks Flowing Unless												
CLBEB	Emerald Bay Drain	TC	>24192	>24192	NS	NS	>24192	NS	>24192	2382	NS	4611
		EC	5172	588	NS	NS	17329	NS	2488	384	NS	121
		ENT	15531	7701	NS	NS	4108	NS	369	488	NS	816
CLBBC	Broadway Creek	TC	24192	19863	8684	10482	2909	2987	19863	>24192	NS	14136
		EC	1374	389	435	683	223	305	6488	521	NS	882
		ENT	889	1414	991	683	576	428	399	1483	NS	368

NS - NOT SAMPLED

Health Care Agency / Environmental Health Bacteriological Monitoring Program
Total Coliform (TC), *E. coli* (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		12/26&27/00	1/2/01	1/8/01	1/16/01	1/22/01	1/29/01	2/5/01	2/14/01	2/20/01	2/28/01
ANAPA POINT (SOUTH OF SALT CREEK)					RAIN					RAIN	RAIN	RAIN
OSL25	Monarch Beach	TC	<20	<20	130	80	70	20	300	800	130	500
	(North of Salt Creek)	EC	10	10	74	10	<10	<10	121	110	31	74
		ENT	<10	<10	142	20	52	10	20	171	153	41
OSL23	Monarch Beach	TC	130	800	220	700	800	20	40	230	130	<20
	(South of Salt Creek)	EC	<10	10	88	20	41	<10	74	10	52	10
		ENT	52	<10	63	20	253	<10	63	20	10	<10
ODB02	North Beach - Doheny	TC	90	500	130	2400	5000	1300	500	1700	16000	>16000
		EC	52	84	52	1298	498	805	122	313	1968	>24192
		ENT	160	253	1254	573	5475	8184	1067	933	>24192	>24192
ODB04	Doheny Beach	TC	130	40	900	500	500	230	5000	>16000	>16000	16000
	(North of San Juan Creek)	EC	41	72	332	301	97	426	4884	8164	15831	1396
		ENT	121	62	573	548	231	1333	2435	7270	14136	2382
ODB05	Doheny Beach	TC	20	130	1100	800	40	230	500	>16000	1100	5000
	(South of San Juan Creek)	EC	31	86	657	350	51	109	554	1081	368	620
		ENT	10	258	1539	529	41	332	243	8664	703	1607
ANAPA POINT (CREEKS) - All Creeks Flowing Unless Otherwise Noted												
CSLSC	Salt Creek	TC	7701	>24192	7701	12987	>24192	7270	12997	24192	>24192	12033
		EC	419	359	1281	275	240	146	1597	1169	2909	1071
		ENT	778	548	759	717	5794	384	683	1553	8184	448
ODBNC	North Beach Creek	TC	*14136	*15531	>24192	591	>24192	>24192	>24192	>24192	>24192	>16000
		EC	2282	1515	3076	<10	3448	484	827	4108	1669	>24192
		ENT	4352	1313	978	10	2813	1807	1421	8164	465	19868
CSJC1	San Juan Creek Mouth	TC	11199	>24192	9208	3076	24192	17329	>24192	>24192	>24192	16000
		EC	2247	6488	1378	484	3448	4108	17329	3255	3441	2359
		ENT	2909	14138	2735	354	5794	8131	8164	4884	11199	4108
CSJC2	Upper San Juan Creek	TC	4352	8164	9804	7701	9804	5172	3076	>24192	12987	9000
		EC	<10	20	1178	520	1816	1145	384	3873	2602	2359
		ENT	31	97	1198	443	605	3076	513	3448	5172	4108
ANAPA POINT HARBOR (In Harbor)												
BDP12	West End - Baby Beach	TC	500	130	2400	20	110	80	140	500	170	NS
		EC	487	121	1664	20	31	10	97	148	74	NS
		ENT	1665	31	1313	63	20	63	73	301	74	NS
BDP13	Buoy Line - Baby Beach	TC	1300	130	3000	80	800	110	800	800	500	NS
		EC	350	63	210	73	1929	<10	388	131	1291	NS
		ENT	529	31	4108	20	1785	30	228	354	336	NS
BDP14	Swim Area - Baby Beach	TC	<20	9000	1300	20	<20	20	16000	1100	800	NS
		EC	30	7701	115	10	30	<10	11199	211	754	NS
		ENT	20	108	161	<10	20	10	228	884	216	NS
BDP15	East End - Baby Beach	TC	20	70	300	40	130	80	130	700	220	NS
		EC	31	163	844	10	31	63	63	110	246	NS
		ENT	31	10	331	30	108	80	158	278	85	NS
BDP08	Pier	TC	<20	<20	20	40	<20	40	40	700	90	NS
		EC	10	<10	<10	<10	<10	<10	<10	173	31	NS
		ENT	<10	10	10	20	10	<10	<10	359	20	NS
BDP16	Pilgrim Dock	TC	20	<20	20	<20	20	<20	<20	2400	40	NS
		EC	<10	<10	<10	10	10	<10	<10	201	10	NS
		ENT	<10	<10	<10	10	20	<10	<10	419	20	NS
BDP11	Guest Dock - End (West Basin)	TC	<20	<20	20	40	20	40	<20	1700	300	NS
		EC	<10	<10	<10	<10	10	<10	31	134	96	NS
		ENT	<10	<10	20	<10	<10	<10	31	286	20	NS
BDP09	Harbor Entrance	TC	<20	<20	130	40	<20	<20	20	900	210	NS
		EC	10	<10	243	<10	<10	<10	<10	122	<10	NS
		ENT	10	<10	82	10	10	<10	20	121	41	NS
BDP10	Harbor Patrol Dock (East Basin)	TC	<20	<20	<20	20	<20	40	20	1300	20	NS
		EC	<10	<10	<10	10	10	<10	<10	109	31	NS
		ENT	<10	<10	<10	<10	<10	<10	<10	275	<10	NS
BDP17	Youth Dock	TC	<20	<20	80	20	130	90	<20	300	20	NS
		EC	10	10	20	<10	<10	<10	<10	146	10	NS
		ENT	<10	<10	<10	10	10	<10	<10	377	20	NS
BDP07	Fuel Dock	TC	20	<20	80	20	20	<20	40	230	110	NS
		EC	<10	<10	10	<10	<10	<10	<10	122	<10	NS
		ENT	10	<10	10	10	31	<10	<10	203	<10	NS

NS - NOT SAMPLED

Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Colony Form Units / 100 ml Sample

STATION	Location Description		1/17/01	1/22/01	2/12/01	2/14/01	2/20/01	2/22/01	2/26/01	2/28/01	3/5/01
LAGUNA BEACH (surfzone)					RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN
OLB16 / S16	Hotel Laguna	TC	10	40	2000	270	350	190	3000	30	120
		FC	10	18	400	40	40	54	300	10	44
		ENT	70	18	300	10	70	70	200	10	42
OLB15 / S15	Projection of Bluebird Canyon	TC	70	70	6400	<100	120	<10	7100	73	200
		FC	8	30	2800	<100	10	<10	600	38	60
		ENT	74	100	3700	<100	40	<10	4900	73	190
OLB14 / S14	Victoria Beach	TC	10	12	4500	<100	110	40	400	30	20
		FC	14	4	700	<100	70	40	100	10	10
		ENT	2	2	2800	<100	220	70	400	40	<2
OLB13 / S13	Blue Lagoon	TC	26	12	1100	220	250	50	500	20	20
		FC	28	10	300	10	150	40	200	20	2
		ENT	12	8	200	30	170	210	<100	50	<2
ALISO BEACH (surfzone)											
OSL12 / S12	Treasure Island Pier	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	(construction on site -	FC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	no access)	ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS
OSL11 / S11	Treasure Island Sign	TC	4	18	5400	720	210	10	310	50	180
		FC	2	<2	600	210	70	<10	140	<10	10
		ENT	2	6	600	310	210	<10	160	90	14
OSL10 / S10	Aliso-North	TC	<2	12	8900	7300	150	10	400	90	>400
		FC	<2	4	800	1200	10	<10	<100	30	120
		ENT	<2	20	1900	1000	170	20	400	110	86
OSL09 / S09	Aliso-Middle	TC	10	70	8900	200	1200	<10	500	250	20
		FC	10	85	200	<100	240	30	100	190	20
		ENT	<10	70	3800	200	470	50	400	130	<10
OSL08 / S08	Aliso-South	TC	150	18	5500	200	580	30	500	250	20
		FC	140	8	770	<100	120	<10	100	240	<10
		ENT	6	18	2100	200	280	<10	100	110	<10
OSL07 / S07	Camel Point	TC	2	12	600	260	50	20	4200	70	22
		FC	<2	2	300	30	20	<10	520	10	<2
		ENT	<2	10	100	80	40	10	6400	50	8
OSL06 / S06	Table Rock	TC	2	20	460	120	10	<10	2900	91	14
		FC	2	6	82	30	40	10	180	20	4
		ENT	2	4	140	130	120	<10	560	80	2
OSL05 / S05	Laguna Lido Apt.	TC	2	22	390	130	<10	<10	310	20	12
		FC	<2	2	80	10	10	<10	82	<10	<2
		ENT	<2	4	180	90	<10	<10	190	50	2
OSL04 / S04	9th St. 1000 Steps Beach	TC	4	4	190	110	<10	10	220	100	24
		FC	2	2	10	<10	<10	<10	120	10	10
		ENT	<2	2	40	20	<10	<10	250	<10	<2
OSL03 / S03	Three Arch Bay	TC	2	10	1100	90	10	<10	190	40	22
		FC	4	4	310	<10	10	10	64	20	2
		ENT	<2	14	780	50	<10	10	190	30	4
ALISO CREEK											
ABAC / C1	Aliso Creek Mouth	TC	210	530	47000	53000	2400	3000	25000	10000	3800
		FC	30	320	8700	4200	450	630	4400	2800	330
		ENT	90	310	22000	7800	640	300	4700	12000	200
DANA POINT (surfzone)											
SL02 / S02	Salt Creek Beach	TC	12	22	8900	500	390	250	1000	140	43
		FC	2	6	2200	<100	60	40	200	<10	12
		ENT	4	10	1100	<100	100	10	500	80	10
S01	Dana Strand Beach	TC	6	16	4100	<100	20	20	640	80	24
		FC	6	8	1300	<100	30	10	210	40	8
		ENT	4	16	6300	300	10	<10	1200	60	12

Total Coliform (TC), Fec

coliform (FC), Enterococcus (ENT) Colony Form

Units / 100 ml Sample

STATION	Location Description		1/8/01	1/17/01	1/22/01	1/30/01	2/5/01	2/14/01	2/20/01	2/28/01	3/5/01
DANA POINT (surfzone)			RAIN		HCA			RAIN	RAIN	RAIN (HCA)	RAIN
ODP01 / S6	Marine Institute Beach	TC	18	10	20	10	Cw/C	140	280	130	10
		FC	28	<10	20	20	18	50	180	20	10
		ENT	28	10	10	<10	42	110	70	<10	<10
DANA POINT HARBOR (In Harbor)											
BDP09 / S4	Dana Point Harbor Entrance	TC	32	20	20	<10	20	880	80	500	180
		FC	8	20	<20	10	18	240	80	20	120
		ENT	8	50	20	<10	10	220	30	63	30
JOHNEY BEACH (surfzone)											
ODB02 / S2	North Beach	TC	300	220	500	220	130	14000	9100	18000	>2000
		FC	170	200	200	140	180	7300	6800	500	8000
		ENT	1300	720	231	450	80	7000	7900	2382	7200
ODB05 / S1	1000' South Outfall	TC	170	20	230	20	200	2500	2300	1700	140
		FC	80	82	230	30	160	400	1200	130	100
		ENT	450	330	226	120	80	800	1600	323	240
----- / S3	2000' South Outfall	TC	280	70	80	280	80	1400	CW/C	1100	Cw/C
		FC	180	50	80	310	140	200	CW/FC	230	240
		ENT	650	530	41	610	860	100	>2000	233	1300
ODB03 / S6	3000' South Outfall	TC	130	140	130	200	90	2500	CW/C	1300	>2000
		FC	80	70	130	150	40	400	CW/FC	300	290
		ENT	1400	710	272	330	290	1800	>2000	276	>2000
----- / S7	4000' South Outfall	TC	100	120	110	140	70	2100	CW/C	500	Cw/C
		FC	50	120	20	100	50	400	1500	230	430
		ENT	480	520	309	250	140	700	>2000	410	>2000
ODB01 / S9	5000' South Outfall	TC	140	220	80	320	50	1500	CW/C	300	Cw/C
		FC	100	80	<20	270	20	<100	CW/FC	300	170
		ENT	300	1000	243	900	240	800	>2000	295	400
----- / S0	San Juan Cr/Ocean Interface	TC	70	380	30	780	30	13000	8600	3000	130
		FC	30	180	80	930	30	2300	7000	500	100
		ENT	600	470	74	3200	80	2400	8300	1126	260
SAN JUAN CREEK											
CSJC1 / C1	San Juan Creek Mouth	TC	4800	2600	3000	3000	29000	29000	80000	16000	26000
		FC	2200	1000	2400	700	27000	13000	38000	2400	840
		ENT	4800	1300	5794	2400	12000	5600	55000	4108	9200
CSJC2 / C2	San Juan Creek North	TC	140	2100	3000	3700	1700	69000	18000	9000	3700
		FC	40	540	3000	1900	5800	19000	12000	3000	220
		ENT	400	2100	605	1500	5900	6900	7300	4108	350
APISTRANO BEACH (surfzone)											
OCB11 / S11	7500' South Outfall	TC	100	200	40	80	20	100	CW/C	500	390
		FC	40	140	20	60	20	<10	1300	80	210
		ENT	520	500	240	180	80	30	>2000	243	610
OCB13 / S13	10000' South Outfall	TC	50	110	300	70	20	240	CW/C	230	80
		FC	40	50	80	130	<10	80	1500	80	20
		ENT	110	200	30	190	40	120	>2000	738	<10
OCB15 / S15	14000' South Outfall	TC	240	70	20	350	10	11000	1400	600	27
		FC	70	80	20	590	10	3600	680	170	20
		ENT	200	120	20	330	45	9600	2200	323	20
SAN CLEMENTE (surfzone)											
OSC05 / S17	20000' South Outfall	TC	40	60	130	84	50	130	240	2400	120
		FC	<10	30	40	40	10	30	120	300	30
		ENT	20	180	10	60	<10	10	230	1050	40
OSC19 / S19	Lifeguard Building	TC	390	90	<20	30	150	180	190	300	220
		FC	130	80	<20	30	20	50	50	110	80
		ENT	70	80	<10	30	10	20	120	107	220
OSC21 / S21	Avenida Calafia	TC	16	<10	20	20	14	80	150	170	50
		FC	8	20	<20	30	4	40	40	40	<10
		ENT	22	50	<10	30	24	20	<10	31	10
OSC23 / S23	Las Palmeras	TC	6	20	<20	10	15	NS	40	70	20
		FC	8	<10	<20	<10	10	NS	<10	20	<10
		ENT	10	20	10	30	12	NS	10	<10	10

Cw/C - Confluent growth with coliforms

Cw/FC - Confluent growth with fecal coliforms

Most Probable Number / 100 ml Sample

STATION	Location Description		2/10/01	2/13/01	2/15/01	2/17/01	2/20/01	2/22/01	2/24/01	2/27/01	3/1/01
HUNTINGTON BEACH (surfzone)			RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN
OHB39 / 39N	Bolsa Chica Beach	TC	<20R	9000R	300R	300R	20R	20R	40R	1300R	5000R
		FC	<20R	800R	<20R	20R	<20R	<20R	20R	80R	110R
		ENT	<2R	>400R	42R	<2R	28R	18R	<2R	50R	25R
OHB33 / 33N	Bolsa Chica Reserve	TC	20R	3000R	1300R	130R	300R	20R	130R	1300R	170R
		FC	20R	230R	300R	20R	20R	<20R	40R	40R	20R
		ENT	6R	>400R	48R	18R	30R	12R	<2R	20R	28R
OHB27 / 27N	Bluffs	TC	20R	5000R	700R	170R	40R	70R	40R	700R	300R
		FC	<20R	1300R	70R	40R	20R	<20R	<20R	20R	20R
		ENT	<2R	>400R	58R	14R	28R	28R	<2R	44R	12R
OHB21 / 21N	17th Street	TC	20R	3000R	800R	210R	110R	20R	170R	1100R	300R
		FC	20R	800R	40R	<20R	80R	<20R	<20R	20R	40R
		ENT	2R	>400R	40R	58R	40R	50R	<2R	50R	16R
OHB15 / 15N	Jacks Snack Bar	TC	<20R	5000R	500R	300R	<20R	80R	80R	700R	500R
		FC	<20R	2400R	<20R	20R	<20R	<20R	<20R	<20R	40R
		ENT	4R	>400R	54R	30R	8R	44R	4R	50R	36R
OHB09 / 9N	SCE Plant	TC	20R	9000R	300R	60R	20R	<20R	<20R	1700R	1700R
		FC	20R	1300R	130R	<20R	20R	<20R	<20R	80R	40R
		ENT	<2R	>400R	60R	38R	10R	30R	14R	44R	52R
OHB06 / 6N	Magnolia Street	TC	130R	16000R	1700R	170R	40R	70R	80R	1400R	2200R
		FC	130R	2400R	80R	20R	40R	20R	<20R	70R	230R
		ENT	10R	>400R	126R	10R	18R	26R	8R	42R	124R
OHB03 / 3N	Brookhurst	TC	130R	>16000R	>16000R	220R	270R	230R	230R	>16000R	>16000R
		FC	130R	16000R	500R	40R	<20R	230R	130R	1700R	1400R
		ENT	10R	>400R	>400R	10R	32R	34R	16R	280R	256R
ONB00 / 0	Santa Ana River Mouth	TC	20R	>16000R	>16000R	1300R	9000R	130R	300R	>16000R	>16000R
		FC	20R	16000R	>16000R	500R	130R	80R	130R	3000R	5000R
		ENT	6R	>400R	>400R	12R	82R	28R	18R	>400R	>400R
NEWPORT BEACH (surfzone)											
ONB03 / 3S	Orange Street	TC	20R	500R	1700R	2400R	16000R	70R	1700R	16000R	9000R
		FC	20R	20R	110R	40R	300R	20R	80R	16000R	1100R
		ENT	10R	60R	54R	16R	158R	20R	42R	>400R	270R
ONB06 / 6S	52nd/53rd Street	TC	40R	2400R	500R	500R	170R	170R	5000R	5000R	500R
		FC	<20R	20R	80R	20R	<20R	20R	80R	40R	<20R
		ENT	<2R	66R	42R	14R	54R	26R	48R	44R	4R
ONB09 / 9S	58th Street	TC	20R	3000R	500R	300R	230R	40R	170R	5000R	170R
		FC	20R	<20R	110R	20R	40R	<20R	40R	40R	<20R
		ENT	2R	60R	20R	10R	32R	40R	40R	16R	6R
ONB15 / 15S	15th/16th Street	TC	300R	1300R	130R	230R	20R	170R	80R	2800R	170R
		FC	230R	80R	20R	<20R	<20R	130R	40R	80R	<20R
		ENT	100R	46R	2R	4R	10R	18R	12R	78R	12R
ONB21 / 21S	Balboa Pier	TC	20R	1700R	210R	40R	40R	20R	300R	1300R	130R
		FC	20R	170R	20R	20R	40R	<20R	300R	<20R	<20R
		ENT	<2R	44R	6R	6R	10R	8R	26R	22R	4R
ONB27 / 27S	The Wedge	TC	<20R	220R	80R	<20R	1100R	20R	40R	2400R	130R
		FC	<20R	80R	<20R	<20R	1100R	20R	<20R	20R	<20R
		ENT	<2R	38R	<2R	<2R	2R	<2R	4R	48R	2R
ONB29 / 29S	Corona Del Mar Beach	TC	<20R	3000R	1700R	90R	130R	20R	40R	16000R	300R
		FC	<20R	170R	40R	<20R	130R	<20R	20R	300R	<20R
		ENT	<2R	88R	28R	6R	6R	10R	2R	170R	<2R
ONB39 / 39S	Crystal Cove	TC	110R	3000R	170R	<20R	40R	40R	<20R	500R	20R
		FC	40R	230R	<20R	<20R	40R	<20R	<20R	<20R	20R
		ENT	12R	100R	2R	<2R	4R	42R	<2R	16R	<2R

REMARKS: R: Samples influenced by rain.

NS: Samples not taken

S: Samples influenced by Santa Ana River or D2 Flood Control Channel.



COUNTY OF ORANGE HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES ENVIRONMENTAL HEALTH

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INTERIM DIRECTOR

MIKE SPURGEON
DEPUTY AGENCY DIRECTOR
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PLEASE DISTRIBUTE THE FOLLOWING MONITORING DATA TO THE APPROPRIATE RECIPIENT:

- ⇒ MARK BABSKI, Surfrider Foundation – National *via E-MAIL
- ⇒ BRAD BARKER, Parks & Recreation Dept., State of California (Doheny)
- ⇒ CHRIS CROMPTON, Public Facilities & Resources Dept., County of Orange
- ⇒ CAPT. STEVE CUSHMAN, Lifeguard Dept., City of Seal Beach *via E-MAIL
- ⇒ PAT DAPKUS, Administrative Services Dept., City of Huntington Beach *via E-MAIL
- ⇒ MIKE EATON, Parks & Recreation Dept., State of California (Crystal Cove) *via E-MAIL
- ⇒ JOHN R. FOX, General Manager, Emerald Bay Service District
- ⇒ KELLY FRENCH, Surfrider Foundation *via MAIL
- ⇒ NANCY GARDNER, Surfrider Foundation – Newport *via MAIL
- ⇒ EVELYN HART, Newport Beach *via MAIL
- ⇒ CAPT. LYNN HUGHES, Marine Safety, City of San Clemente
- ⇒ CHIEF MARK KLOSTERMAN, City of Laguna Beach Marine Safety *via E-MAIL
- ⇒ GREGG LANGLOIS, Shellfish Program, State Department of Health Services
- ⇒ STEVEN MAY, City Engineer, Laguna Beach *via E-MAIL
- ⇒ TONY MELUM, Marine Safety, City of Newport Beach
- ⇒ JOE MILLIGAN, Parks & Recreation Dept., State of California, (Huntington & Bolsa Chica)
- ⇒ DOUG MOORE, Public Health Laboratory, County of Orange
- ⇒ CHRISTIAN MORRIS-SMITH, Surfrider Foundation – Laguna Beach *via MAIL
- ⇒ DON RUSSELL, Capistrano Bay Community Services District *via E-MAIL
- ⇒ CHIEF STEVE SEIM, Marine Safety Division, City of Huntington Beach
- ⇒ KEN THEISEN, Santa Ana Regional Water Quality Control Board
- ⇒ ANDREW THEODOROU, Newport Dunes
- ⇒ MICHAEL TOPE, Parks & Recreation Dept., State of California (San Clemente)
- ⇒ BILLY WHITFORD, Newport Aquatic Center *via MAIL

Documents Transmitted: Bacteriological Monitoring Data

Comments: For your information. This is also available via E-Mail. Contact Monica Mazur for further details.

From: Monica Mazur (714) 667-3751

This Information Sheet plus 6 Page(s)

Date Sent: 3/14/01

Time Sent p.m.

If you do not receive all the pages, please call (714) 667-3751 as soon as possible to request a retransmission.

FAX Operator: mm

Environmental Health Bacteriological Monitoring Program

Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		1/20/01	1/4/01	1/10/01	1/18/01	1/22/01	1/31/01	2/7/01	2/14/01	2/22/01	2/28/01	3/7/01
SAN GABRIEL RIVER					RAIN 1/8/01					RAIN	RAIN	RAIN	RAIN
CSGRM	SGR - Marina Drive	TC	1100	1043	>24192	2400	934	>24192	8488	>24192	2224	NS	>24192
		EC	51	41	58	10	20	160	74	2481	52	NS	311
		ENT	20	10	480	121	74	65	373	2332	31	NS	215
CSGR1	1st Street Parking Lot	TC	1112	813	>24192	5794	1281	15531	1398	>24192	752	NS	>24192
		EC	110	74	480	148	20	63	813	1137	83	NS	1137
		ENT	41	102	1334	148	85	52	2613	1988	22	NS	553
SEAL BEACH (surfzone)													
OSB02	Projection of 1st Street	TC	40	<20	9000	70	230	20	170	16000	80	3000	5000
		EC	41	20	278	41	74	10	10	4108	74	350	209
		ENT	10	80	218	41	171	0	30	3654	31	1067	235
OSB03	Projection of 8th Street	TC	20	40	1700	3000	170	<20	80	1300	170	3000	500
		EC	31	<10	282	85	63	<10	10	63	41	262	262
		ENT	<10	20	74	311	52	<10	52	246	92	613	63
OSB04	Projection of 14th Street	TC	<20	<20	NS	110	140	40	<20	800	170	3000	2200
		EC	<10	41	NS	<10	20	20	<10	168	10	171	159
		ENT	<10	<10	NS	10	41	<10	10	388	20	187	74
OSB01	Projection of Sea Way	TC	<20	40	270	130	40	20	20	170	70	NS	800
		EC	<10	88	41	134	95	<10	10	88	20	NS	63
		ENT	<10	10	41	31	31	<10	10	143	20	NS	20
SUNSET BEACH (surfzone)													
OSUB1	Projection of Broadway	TC	<20	80	2400	20	40	<20	<20	700	40	NS	130
		EC	<10	41	41	74	74	<10	20	74	10	NS	20
		ENT	<10	10	63	10	20	<10	<10	240	<10	NS	<10
HUNTINGTON HARBOUR (In Harbour)													
BHH08	Botas Bay	TC	<20	<20	3000	60	20	40	80	2400	170	NS	2200
		EC	31	<10	345	<10	41	<10	52	934	51	NS	74
		ENT	10	<10	537	31	20	<10	30	1565	<10	NS	30
MH07	Sunset Aquatic Marina	TC	<20	<20	>18000	170	220	300	40	>18000	170	>18000	16000
		EC	<10	10	2755	<10	10	63	10	1493	<10	7701	249
		ENT	31	20	5887	52	41	10	20	5794	31	6488	121
BHH15	Mether's Beach	TC	20	<20	>18000	130	20	<20	80	16000	3000	NS	>18000
		EC	41	<10	558	20	10	52	41	1483	20	NS	418
		ENT	41	<10	738	10	10	<10	41	3448	10	NS	231
BHH12	Trinidad Lane Beach	TC	20	20	>18000	20	20	<20	80	>18000	40	NS	1700
		EC	<10	20	1088	<10	20	10	20	908	<10	NS	132
		ENT	<10	10	1401	<10	10	20	31	4108	<10	NS	97
BHH09	Sea Gate	TC	<20	<20	1700	20	20	<20	<20	1700	<20	NS	20
		EC	10	20	<10	<10	<10	<10	<10	258	<10	NS	<10
		ENT	<10	10	41	<10	<10	<10	10	88	<10	NS	10
BHH06	Humboldt Beach	TC	<20	<20	>18000	70	<20	<20	3000	16000	170	NS	1700
		EC	<10	<10	1145	<10	<10	<10	73	908	109	NS	120
		ENT	10	10	2142	<10	<10	<10	3078	4108	10	NS	98
MHH10	Davenport Beach	TC	<20	<20	>18000	170	<20	80	2400	>18000	500	NS	5000
		EC	<10	<10	697	10	<10	<10	10	723	10	NS	180
		ENT	<10	31	1178	10	<10	<10	272	2481	10	NS	86
VHH01	Clubhouse Marina	TC	1700	2400	>18000	500	20	2400	170	18000	1100	NS	5000
		EC	52	108	609	<10	10	<10	52	1112	<10	NS	108
		ENT	82	20	1137	10	10	20	10	2909	<10	NS	41
BHH13	Harbour Channel	TC	20	<20	>18000	220	40	40	<20	18000	500	NS	2800
		EC	20	<10	528	10	<10	10	10	1187	<10	NS	134
		ENT	10	10	1354	31	20	<10	<10	4108	31	NS	122
BHH04	11th Street Beach	TC	1700	9000	>18000	130	40	20	1300	18000	300	NS	1100
		EC	452	17329	1039	27	30	203	907	907	63	NS	98
		ENT	318	441	2755	187	73	74	1150	1337	278	NS	2359
BHH11	Admiralty Drive	TC	<20	<20	>18000	80	130	110	<20	16000	170	NS	2200
		EC	20	<10	687	<10	160	63	15	884	<10	NS	62
		ENT	20	20	1989	41	313	41	41	3172	10	NS	41
VHH14	Anderson Street Marina	TC	20	40	9000	80	40	80	20	>18000	130	NS	3000
		EC	<10	<10	86	31	10	31	10	4884	<10	NS	120
		ENT	10	31	285	63	88	20	<10	3078	10	NS	20
BHH05	Anaheim Bay - Gas Dock	TC	20	<20	9000	230	<20	70	<20	>18000	170	NS	9000
		EC	<10	20	74	31	10	<10	41	2987	10	NS	88
		ENT	31	20	135	52	20	20	<10	3172	41	NS	20
BHH18	Coral Cay Beach	TC	80	<20	>18000	50	20	80	3000	16000	80	NS	1700
		EC	<10	<10	1842	63	20	20	4611	1050	20	NS	185
		ENT	<10	10	4106	74	20	10	1936	3448	20	NS	86

Health Care Agency / Environmental Health Bacteriological Monitoring Program
Total Coliform (TC), E.coli (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		12/12/00	1/8/01	1/17/01	1/23/01	1/30/01	2/6/01	2/14/01	2/21/01	2/27/01	3/6/01
NEWPORT BAY (Upper Bay)				RAIN 1/8/01					RAIN	RAIN	RAIN	RAIN
BNB24	Newport Dunes - Middle	TC	40	>16000	800	300	5000	230	>16000	1100	>16000	500
		EC	<10	3654	122	20	<10	31	1935	583	1333	10
		ENT	10	15331	689	51	31	20	5794	41	5172	52
BNB24	Newport Dunes - West	TC	80	>16000	3000	210	2200	40	>16000	240	>16000	300
		EC	10	2755	2046	83	52	41	1860	134	1529	31
		ENT	31	19863	4352	52	<10	10	8164	52	5794	10
BNB24	Newport Dunes - East	TC	20	>16000	330	70	1300	170	>16000	500	>16000	800
		EC	63	4884	74	10	52	52	1450	51	1100	31
		ENT	<10	19863	98	10	<10	<10	5475	134	3076	63
BNB24	Newport Dunes - North	TC	130	>16000	300	20	1400	<20	>16000	500	>16000	230
		EC	31	5794	74	41	30	10	2098	108	1334	20
		ENT	<10	17329	160	<10	<10	10	3164	41	4811	74
BNB25	Vaughn's Launch	TC	70	5000	NS	300	1700	130	>16000	800	NS	NS
		EC	74	244	NS	52	<10	41	2224	148	NS	NS
		ENT	31	697	NS	52	31	62	15531	148	NS	NS
BNB26	Skid Zone	TC	40	>16000	NS	90	NS	300	NS	>16000	NS	NS
		EC	10	7701	NS	31	NS	41	NS	689	NS	NS
		ENT	10	11199	NS	10	NS	74	NS	2142	NS	NS
BNB28	North Star Beach	TC	<20	13000	5000	20	>15000	20	>16000	240	>16000	800
		EC	<10	512	187	<10	448	<10	2924	98	2723	404
		ENT	<10	1354	5172	20	272	20	3131	132	9804	594
BNB30	De Anza	TC	40	5000	1100	40	1700	<20	>16000	170	>16000	300
		EC	20	151	86	<10	41	20	2723	10	983	<10
		ENT	<10	292	98	10	20	<10	6488	10	3654	74
BNB05	Bayshore Beach	TC	<20	3000	110	80	2400	40	>16000	170	16000	1300
		EC	<10	80	10	<10	74	<10	2667	20	878	10
		ENT	<10	187	20	<10	<10	20	10462	10	4352	20
NEWPORT BAY TRIBUTARIES												
CNBSD	San Diego Creek - Campus Dr.	TC	2618	>24192	19863	9208	>24192	4811	>24192	>15000	>16000	>16000
		EC	20	9208	246	41	484	308	5475	1145	4106	9208
		ENT	<10	11199	158	98	448	63	>24192	410	9208	5172
CNBSA	Santa Ana Delphi Channel	TC	>24192	>24192	24192	>24192	>24192	11199	>24192	9000	16000	>16000
		EC	146	>24192	187	408	336	110	5172	134	5172	19863
		ENT	8164	9804	1054	318	489	5172	11199	3654	4811	>24192
CNBSC	Big Canyon Creek	TC	7270	>24192	NS	19863	1254	4611	>24192	1700	NS	NS
		EC	121	5172	NS	243	51	288	2651	205	NS	NS
		ENT	41	4352	NS	121	52	218	6131	122	NS	NS
CNBND	Backbay Drive Pipe	TC	3673	4352	1723	8164	1396	3448	>24192	500	5000	2100
		EC	520	20	10	<10	<10	<10	998	10	1334	504
		ENT	41	181	86	52	52	97	3448	63	2613	759

SINGLE SAMPLE STANDARDS:

Total Coliforms - 10,000 organisms per 100 milliliters sample.
 Fecal Coliforms (E. coli) - 400 organisms per 100 milliliters sample.
 Enterococci - 104 organisms per 100 milliliters sample.
 Fecal:Total Ratio - >1000 total coliforms if ratio exceeds 0.1.

30-DAY LOG MEAN STANDARDS
 (of five weekly samples):

Total Coliforms - 1,000 organisms per 100 milliliters sample.
 Fecal Coliforms (E. coli) - 200 organisms per 100 milliliters sample.
 Enterococci - 35 organisms per 100 milliliters sample.

NS - NOT SAMPLED
 LA - LAB ACCIDENT

Total Coliform (TC), *E. coli* (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		1/3/01	1/9/01 RAIN 1/8/01	1/17/01	1/23/01	1/30/01	2/6/01	2/14/01	2/21/01	2/27/01	3/8/01
NEWPORT BAY (Lower Bay)												
BNB09	43rd Street Beach	TC	40	2400	>16000	270	9000	300	>16000	203	>16000	>16000
		EC	10	530	41	10	31	197	754	231	2908	703
		ENT	31	548	1119	41	121	31	1450	285	3448	201
BNB10	38th Street Beach	TC	<20	9000	16000	500	1700	1300	>16000	1400	>16000	>16000
		EC	<10	744	88	10	<10	122	1043	<10	3654	633
		ENT	74	1483	134	10	165	20	4108	41	4108	471
BNB11	33rd Street Channel	TC	<20	16000	16000	300	500	300	16000	1300	>16000	16000
		EC	LA	4884	573	20	20	30	1858	41	1618	862
		ENT	<10	4108	833	10	20	41	3873	749	4108	2359
BNB32	Lido Yacht Club Beach	TC	40	16000	110	280	110	70	>16000	40	>16000	500
		EC	<10	824	<10	121	20	41	1723	20	839	141
		ENT	<10	889	10	258	<10	83	7701	31	3428	52
BNB07	Via Genoa Beach	TC	<20	2400	40	40	220	130	>16000	130	>16000	600
		EC	10	712	10	10	20	20	1248	88	1483	148
		ENT	<10	282	20	<10	10	109	5172	10	3076	201
BNB35	Newport Blvd. Bridge	TC	>16000	>16000	>16000	300	300	>16000	>16000	9000	>16000	>16000
		EC	3762	2359	63	10	10	1153	9804	958	1169	8964
		ENT	>24192	9804	58	120	20	>24192	12033	24192	3873	12997
BNB12	Rhine Channel	TC	40	1700	1500	20	1300	80	>16000	40	16000	>16000
		EC	10	265	82	<10	74	121	1515	10	1211	823
		ENT	<10	272	<10	10	20	10	6488	74	3078	160
BNB14	16th Street Beach	TC	40	3000	230	220	230	40	>16000	20	>16000	300
		EC	<10	111	92	73	74	20	1090	10	1153	41
		ENT	<10	488	20	10	20	52	4106	<10	3873	20
BNB15	15th Street Beach	TC	<20	800	140	170	1800	<20	>16000	130	>16000	230
		EC	<10	30	10	10	<10	10	1336	86	880	41
		ENT	<10	178	10	<10	20	10	7701	<10	1355	52
BNB17	10th Street Beach	TC	20	3000	230	<20	300	20	>16000	500	16000	300
		EC	<10	272	20	<10	10	10	1653	712	884	63
		ENT	<10	188	84	10	<10	20	3208	108	4382	74
BNB18	Alvarado/ Bay Isle Beach	TC	20	9000	230	40	2400	<20	>16000	40	>16000	170
		EC	<10	723	<10	10	10	10	2014	<10	547	20
		ENT	52	314	135	<10	<10	20	9208	10	3873	20
BNB22	N Street Beach	TC	<20	2200	20	40	170	<20	>16000	<20	>16000	130
		EC	20	140	30	31	20	<10	1354	10	520	20
		ENT	20	134	10	10	<10	20	8488	10	4884	10
BNB81	Garnet Avenue Beach	TC	<20	3000	170	20	1100	20	>16000	40	>16000	220
		EC	<10	204	10	<10	<10	<10	1722	10	838	41
		ENT	20	311	31	20	<10	10	5172	20	3078	74
BNB03	Ruby Avenue Beach	TC	<20	1800	130	110	220	40	>16000	170	16000	170
		EC	<10	188	41	68	<10	10	1259	<10	487	20
		ENT	<10	448	20	30	<10	83	5172	51	4811	121
BNB20	Sapphire Avenue Beach	TC	70	170	40	20	110	20	>16000	20	16000	130
		EC	<10	40	10	10	<10	10	1500	10	708	41
		ENT	<10	20	<10	<10	187	185	5794	<10	3076	41
BNB34	Grand Canal	TC	20	220	40	40	270	80	3000	170	16000	230
		EC	52	50	<10	<10	20	<10	1515	10	706	98
		ENT	20	30	20	<10	<10	10	4811	10	2513	108
BNB21	Abalone Avenue Beach	TC	<20	40	20	40	130	130	16000	40	16000	230
		EC	10	10	10	10	<10	187	1081	10	889	20
		ENT	<10	52	<10	20	10	98	7701	10	3078	10
BNB01	Park Avenue Beach	TC	<20	170	80	20	110	<20	>16000	40	5000	500
		EC	30	20	<10	10	41	<10	1250	10	620	98
		ENT	20	41	<10	<10	<10	<10	5794	20	3854	30
BNB02	Onyx Avenue Beach	TC	<20	800	130	40	20	3000	>16000	40	>16000	1100
		EC	<10	80	10	<10	<10	12033	1653	10	465	426
		ENT	<10	399	20	52	31	7701	4382	20	2187	19863
BNB29	Promontory Point Channel	TC	<20	500	20	20	80	300	>16000	40	>16000	170
		EC	<10	245	<10	<10	<10	52	1078	10	467	<10
		ENT	<10	384	10	<10	<10	5794	3255	<10	1918	74
BNB33	Harbor Patrol Beach	TC	<20	220	2400	80	560	130	>16000	340	>16000	1500
		EC	<10	147	148	41	82	88	3609	<10	481	472
		ENT	10	132	98	30	20	240	6438	84	1959	594
BNB23	Rocky Point Beach	TC	<20	130	40	130	40	20	>16000	300	16000	130
		EC	<10	20	31	134	<10	10	959	<10	354	<10
		ENT	10	41	<10	31	10	10	5172	<10	2909	10

Total Coliform (TC), E.coli (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		12/18/00	1/16/01	1/22/01	1/29/01	2/5/01	2/16/01	2/20/01	2/26/01	3/1/01	3/5/01
NEWPORT COAST (Surfzone)												
ONB29	Corona Del Mar State Beach	TC	<20	41	<20	130	80	RAIN	RAIN	RAIN	RAIN	RAIN
		EC	<10	<10	<10	<10	131	<10	<10	20	NS	31
		ENT	10	<10	10	<10	100	20	30	314	NS	52
CNB31	Little Corona Beach	TC	<20	20	<20	80	40	2200	110	5000	NS	40
		EC	<10	<10	<10	<10	20	83	<10	218	NS	20
		ENT	<10	84	10	<10	74	195	20	982	NS	52
ONB35	Pelican Point	TC	110	20	<20	20	20	2800	70	1300	NS	80
		EC	<10	<10	<10	<10	31	41	10	52	NS	10
		ENT	70	<10	<10	<10	<10	4	31	255	NS	<10
ONB39	Crystal Cove	TC	<20	20	<20	20	40	2400	80	NS	110	20
		EC	<10	10	<10	<10	20	146	<10	NS	<10	10
		ENT	<10	10	<10	20	<10	41	20	NS	52	41
ONB43	Muddy Creek	TC	<20	<20	<20	<20	<20	20	40	NS	20	20
		EC	<10	10	<10	<10	<10	<10	<10	NS	10	10
		ENT	<10	<10	<10	10	<10	<10	<10	NS	10	<10
ONB45	El Morro Beach	TC	<20	20	<20	<20	40	<20	<20	NS	20	20
		EC	<10	10	10	<10	31	<10	<10	NS	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	<10	NS	20	10
NEWPORT COAST (Creeks) - All Creeks Flowing Unless Noted												
CNB8G	Buck Gully Creek	TC	3873	8864	6131	3873	2143	4611	8684	24132	NS	2143
		EC	20	457	10	31	20	98	138	1046	NS	20
		ENT	121	175	85	145	350	226	1050	3076	NS	148
CNBPP	Pelican Point Creek	TC	<10	>24192	24192	8488	17329	>24192	14136	>24192	NS	>24192
		EC	<10	173	63	10	233	86	364	428	NS	41
		ENT	<10	1067	350	373	359	259	727	1789	NS	538
CNBPM	Pelican Point Middle Creek	TC	19863	>24192	14136	9804	9804	>24192	17329	>24192	NS	>24192
		EC	7701	4	20	31	<10	30	<10	1199	NS	148
		ENT	2755	143	20	203	74	457	850	1850	NS	418
CNBPW	Pelican Hill Waterfall	TC	857	14136	826	2282	488	6131	7701	NS	NS	7701
		EC	<10	308	20	10	<10	86	292	NS	NS	30
		ENT	<10	259	52	138	74	199	4884	NS	NS	243
CNBCC	Crystal Cove Creek	TC	4108	12033	5476	7701	8488	>24192	1818	NS	18863	3448
		EC	181	41	181	158	581	85	20	NS	85	74
		ENT	258	181	1098	188	248	192	145	NS	460	1935
CNBCU	Crystal Cove Upstream	TC	4884	8164	12997	9584	14136	12997	12033	NS	NS	2247
		EC	448	20	108	74	307	73	197	NS	NS	20
		ENT	504	259	2143	216	569	134	581	NS	NS	98
CNBMC	Muddy Creek	TC	>24192	>24192	24192	>24192	>24192	14136	>24192	NS	>24192	17329
		EC	20	512	130	20	20	31	30	NS	119	31
		ENT	534	786	631	933	2014	289	783	NS	1014	670
CNB45	El Morro Creek	TC	6475	7701	8164	7701	3255	>24192	3255	NS	9804	2481
		EC	120	82	30	41	31	382	110	NS	20	10
		ENT	86	185	110	282	285	11199	243	NS	278	404
CNBEU	El Morro Creek Upstream	TC	3854	>24192	12997	2851	5784	>24192	12033	NS	NS	4108
		EC	<10	<10	<10	<10	<10	120	<10	NS	NS	<10
		ENT	51	733	132	52	97	838	723	NS	NS	63
San Diego Beach (Surfzone)												
OLB10	Emerald Bay	TC	<20	<20	20	<20	20	<20	40	NS	<20	<20
		EC	<10	<10	<10	<10	<10	<10	<10	NS	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	50	NS	<10	<10
OLB05	Crescent Bay Beach	TC	<20	<20	20	20	20	20	20	NS	20	20
		EC	<10	<10	<10	<10	41	<10	<10	NS	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	20	NS	<10	10
OLB00	Laguna Main Beach	TC	40	<20	200	20	190	40	80	NS	170	230
		EC	172	<10	228	20	10	20	20	NS	10	83
		ENT	10	<10	63	50	20	<10	10	NS	<10	10
OLB12	Treasure Island Pier (construction on site - no access)	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		EC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
San Diego Beach (Creeks) - All Creeks Flowing Unless Noted												
LBEB	Emerald Bay Drain	TC	>24192	NS	NS	>24192	NS	>24192	2382	NS	4611	554
		EC	5172	NS	NS	17329	NS	2489	384	NS	121	41
		ENT	16631	NS	NS	4108	NS	389	488	NS	818	10
LBBC	Broadway Creek	TC	24192	8664	10462	2909	2987	18863	>24192	NS	14136	>24192
		EC	1374	438	683	223	305	8488	521	NS	882	472
		ENT	889	991	683	676	428	389	1483	NS	388	122

NS - NOT SAMPLED

Health Care Agency / Environmental Health Bacteriological Monitoring Program
Total Coliform (TC) col (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		12/26&27/00	1/2/01	1/8/01	1/16/01	1/22/01	1/28/01	2/5/01	2/14/01	2/20/01	2/28/01	3/5/01
SAN PEDRO HARBOR					RAIN					RAIN	RAIN	RAIN	RAIN
OSL29	Monarch Beach	TC	<20	<20	130	80	70	20	300	800	130	500	800
	(North of Salt Creek)	EC	10	10	74	10	<10	<10	121	110	31	74	96
		ENT	<10	<10	142	20	52	10	20	171	153	41	41
OSL23	Monarch Beach	TC	130	800	220	750	800	20	40	230	130	<20	1100
	(South of Salt Creek)	EC	<10	10	86	20	41	<10	74	10	52	10	175
		ENT	52	<10	63	20	253	<10	63	20	10	<10	108
ODB02	North Beach - Doheny	TC	80	500	130	2400	5000	1300	500	1700	16000	>16000	5200
		EC	52	84	52	1298	498	808	22	313	1938	>24192	723
		ENT	160	283	1254	573	5475	8154	1087	933	>24192	>24192	1071
ODB04	Doheny Beach	TC	130	40	800	500	500	230	5000	>16000	>16000	16000	5000
	(North of San Juan Creek)	EC	41	72	332	301	97	428	4884	8164	15331	1396	1807
		ENT	121	62	673	546	231	1333	2495	7270	14136	2362	5473
ODB05	Doheny Beach	TC	20	130	1100	800	40	230	500	>16000	1100	5000	500
	(South Of San Juan Creek)	EC	31	86	657	380	51	109	554	1061	369	620	455
		ENT	10	258	1538	525	41	332	243	8684	703	1607	551
DANA POINT HARBOR													
CSLSC	Salt Creek	TC	7701	>24192	7701	12997	>24192	7270	12997	24192	>24192	12033	>24192
		EC	418	359	1291	275	240	146	1597	1169	2908	1071	1334
		ENT	778	546	789	717	5784	364	883	1553	5184	448	359
ODB06	North Beach Creek	TC	14138	15531	>24192	591	>24192	>24192	>24192	>24192	>24192	>19000	>24192
		EC	2262	1515	3076	<10	3448	464	627	4106	1669	>24192	3075
		ENT	4352	1313	978	10	2813	1507	1421	8164	465	19863	933
CSJC1	San Juan Creek Mouth	TC	11199	>24192	9208	3078	24192	17329	>24192	>24192	>24192	16000	10462
		EC	2247	6488	1576	464	3448	4106	17329	3255	3441	2359	1788
		ENT	2909	14138	2755	354	5784	6131	8164	4884	11199	4106	5475
CSJC2	Upper San Juan Creek	TC	4352	8164	9804	7701	9804	5172	3078	>24192	12997	9000	>24192
		EC	<10	20	1178	520	1616	1145	384	3873	2602	2359	754
		ENT	31	87	1198	443	605	3078	313	3448	5172	4106	189
DANA POINT HARBOR - Bay Harbor													
BDP12	West End - Baby Beach	TC	500	130	2400	20	110	80	140	500	170	NS	3000
		EC	487	121	1684	20	81	10	97	148	74	NS	314
		ENT	1563	31	1313	83	20	63	73	301	74	NS	384
BDP13	Buoy Line - Baby Beach	TC	1300	130	3000	80	800	110	800	300	500	NS	110
		EC	350	63	210	73	1989	<10	389	131	1291	NS	132
		ENT	528	31	4106	20	1785	30	228	354	338	NS	52
BPD14	Swim Area - Baby Beach	TC	<20	9000	1300	20	<20	20	15000	1100	800	NS	230
		EC	30	7701	113	10	30	<10	11199	211	754	NS	677
		ENT	20	109	161	<10	20	10	228	884	216	NS	211
BDP15	East End - Baby Beach	TC	20	70	300	40	130	80	130	700	220	NS	130
		EC	31	183	644	10	31	63	63	110	248	NS	63
		ENT	31	10	331	50	109	80	158	278	88	NS	31
BDP08	Pier	TC	<20	<20	20	40	<20	40	40	700	90	NS	40
		EC	10	<10	<10	<10	<10	<10	<10	173	31	NS	<10
		ENT	<10	10	10	20	10	<10	<10	359	20	NS	10
BDP16	Pilgrim Dock	TC	20	<20	20	<20	20	<20	<20	2400	40	NS	20
		EC	<10	<10	<10	10	10	<10	<10	201	10	NS	20
		ENT	<10	<10	<10	10	20	<10	<10	419	20	NS	10
BDP11	Guest Dock - End	TC	<20	<20	20	40	20	40	<20	1700	300	NS	170
	(West Basin)	EC	<10	<10	<10	<10	10	<10	31	134	96	NS	52
		ENT	<10	<10	20	<10	<10	<10	31	256	20	NS	31
OP09	Harbor Entrance	TC	<20	<20	130	40	<20	<20	20	900	210	NS	40
		EC	10	<10	243	<10	<10	<10	<10	122	<10	NS	<10
		ENT	10	<10	62	10	10	<10	20	121	41	NS	10
OP10	Harbor Patrol Dock	TC	<20	<20	<20	20	<20	40	20	1900	20	NS	<20
	(East Basin)	EC	<10	<10	<10	10	10	<10	<10	109	31	NS	<10
		ENT	<10	<10	<10	<10	<10	<10	<10	275	<10	NS	<10
OP17	Youth Dock	TC	<20	<20	80	20	130	90	<20	300	20	NS	20
		EC	10	10	20	<10	<10	<10	<10	148	10	NS	<10
		ENT	<10	<10	<10	10	10	<10	<10	877	20	NS	<10
OP07	Fuel Dock	TC	20	<20	80	20	20	<20	40	230	110	NS	40
		EC	<10	<10	10	<10	<10	<10	<10	122	<10	NS	20
		ENT	10	<10	10	10	31	<10	<10	203	<10	NS	52

NS - NOT SAMPLED

Program Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT)
Most Probable Number / 100 ml Sample

STATION	Location Description		2/17/01	2/20/01	2/22/01	2/24/01	2/27/01	3/1/01	3/3/01	3/5/01	3/8/01
HUNTINGTON BEACH (surfzone)			RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN	RAIN
OH839 / 39N	Bolsa Chica Beach	TC	300R	20R	20R	40R	1300R	5000R	<20R	<20R	140R
		FC	20R	<20R	<20R	20R	80R	110R	<20R	<20R	20R
		ENT	<2R	28R	18R	<2R	50R	25R	<2R	30R	2R
OH838 / 33N	Bolsa Chica Reserve	TC	130R	300R	20R	130R	1300R	170R	20R	40R	170R
		FC	20R	20R	<20R	40R	40R	20R	<20R	20R	20R
		ENT	16R	30R	12R	<2R	20R	28R	<2R	38R	4R
OH827 / 27N	Bluffs	TC	170R	40R	70R	40R	700R	300R	20R	40R	70R
		FC	40R	20R	<20R	<20R	20R	20R	<20R	<20R	<20R
		ENT	14R	28R	28R	<2R	44R	12R	2R	8R	14R
OH821 / 21N	17th Street	TC	210R	110R	20R	170R	1100R	300R	20R	70R	20R
		FC	<20R	80R	<20R	<20R	20R	40R	<20R	20R	<20R
		ENT	58R	40R	50R	<2R	50R	16R	<2R	36R	4R
OH815 / 15N	Jacks Snack Bar	TC	300R	<20R	80R	80R	700R	500R	<20R	40R	140R
		FC	20R	<20R	<20R	<20R	<20R	40R	<20R	<20R	20R
		ENT	30R	8R	44R	4R	80R	38R	<2R	48R	30R
OH809 / 9N	SCE Plant	TC	60R	20R	<20R	<20R	1700R	1700R	220R	300R	130R
		FC	<20R	20R	<20R	<20R	80R	40R	<20R	130R	<20R
		ENT	38R	10R	30R	14R	44R	52R	4R	54R	8R
OH806 / 6N	Magnolia Street	TC	170R	40R	70R	80R	1400R	2200R	40R	500R	3000R
		FC	20R	40R	20R	<20R	70R	230R	<20R	80R	300R
		ENT	10R	16R	28R	8R	42R	124R	2R	12R	66R
OH803 / 3N	Brookhurst	TC	220R	270R	230R	230R	>16000R	>16000R	90R	300R	110R
		FC	40R	<20R	230R	130R	1700R	1400R	20R	40R	80R
		ENT	10R	32R	34R	16R	280R	256R	18R	40R	30R
DN800 / 0	Santa Ana River Mouth	TC	1300R	9000R	130R	300R	>16000R	>16000R	800R	1300R	1700R
		FC	500R	130R	80R	130R	3000R	5000R	20R	300R	<20R
		ENT	12R	82R	26R	18R	>400R	>400R	24R	24R	16R
NEWPORT BEACH (surfzone)											
DN803 / 3S	Orange Street	TC	2400R	16000R	70R	1700R	18000R	9000R	16000R	40R	40R
		FC	40R	300R	20R	80R	18000R	1100R	500R	20R	<20R
		ENT	16R	158R	20R	42R	>400R	270R	74R	34R	4R
DN806 / 6S	32nd/33rd Street	TC	500R	170R	170R	5000R	5000R	500R	90R	20R	500R
		FC	20R	<20R	20R	80R	40R	<20R	<20R	20R	40R
		ENT	14R	54R	26R	48R	44R	4R	4R	6R	4R
DN809 / 9S	39th Street	TC	300R	230R	40R	170R	5000R	170R	20R	<20R	80R
		FC	20R	40R	<20R	40R	40R	<20R	<20R	<20R	20R
		ENT	10R	32R	40R	40R	15R	6R	2R	2R	6R
DN818 / 18S	15th/18th Street	TC	290R	20R	170R	80R	2800R	170R	120R	20R	220R
		FC	<20R	<20R	130R	40R	80R	<20R	20R	20R	40R
		ENT	4R	10R	18R	12R	78R	12R	6R	4R	50R
DN821 / 21S	Balboa Pier	TC	40R	40R	20R	300R	1300R	130R	20R	20R	230R
		FC	20R	40R	<20R	300R	<20R	<20R	<20R	<20R	40R
		ENT	8R	10R	8R	28R	22R	4R	2R	4R	8R
DN827 / 27S	The Wedge	TC	<20R	1100R	20R	40R	2400R	130R	<20R	<20R	130R
		FC	<20R	1100R	20R	<20R	20R	<20R	<20R	<20R	20R
		ENT	<2R	2R	<2R	4R	48R	2R	2R	<2R	<2R
DN829 / 29S	Corona Del Mar Beach	TC	80R	130R	20R	40R	18000R	300R	110R	110R	40R
		FC	<20R	130R	<20R	20R	300R	<20R	20R	40R	<20R
		ENT	6R	8R	10R	2R	170R	<2R	6R	10R	4R
DN839 / 39S	Crystal Cove	TC	<20R	40R	40R	<20R	500R	20R	20R	70R	40R
		FC	<20R	40R	<20R	<20R	<20R	20R	<20R	20R	<20R
		ENT	<2R	4R	42R	<2R	16R	<2R	<2R	42R	2R

COMMENTS: R: Samples influenced by rain.
 NS: Samples not taken
 S: Samples influenced by Santa Ana River or D2 Flood Control Channel.



COUNTY OF ORANGE HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES ENVIRONMENTAL HEALTH

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INTERIM DIRECTOR

MIKE SPURGEON
DEPUTY AGENCY DIRECTOR
REGULATORY HEALTH SERVICES

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PLEASE DISTRIBUTE THE FOLLOWING MONITORING DATA TO THE APPROPRIATE RECIPIENT:

- => MARK BABSKI, Surfrider Foundation – National *via E-MAIL
- => BRAD BARKER, Parks & Recreation Dept., State of California (Doheny)
- => CHRIS CROMPTON, Public Facilities & Resources Dept., County of Orange
- => CAPT. STEVE CUSHMAN, Lifeguard Dept., City of Seal Beach *via E-MAIL
- => PAT DAPKUS, Administrative Services Dept., City of Huntington Beach *via E-MAIL
- => MIKE EATON, Parks & Recreation Dept., State of California (Crystal Cove) *via E-MAIL
- => JOHN R. FOX, General Manager, Emerald Bay Service District
- => KELLY FRENCH, Surfrider Foundation *via MAIL
- => NANCY GARDNER, Surfrider Foundation – Newport *via MAIL
- => EVELYN HART, Newport Beach *via MAIL
- => CAPT. LYNN HUGHES, Marine Safety, City of San Clemente
- => CHIEF MARK KLOSTERMAN, City of Laguna Beach Marine Safety *via E-MAIL
- => GREGG LANGLOIS, Shellfish Program, State Department of Health Services
- => STEVEN MAY, City Engineer, Laguna Beach *via E-MAIL
- => TONY MELUM, Marine Safety, City of Newport Beach
- => JOE MILLIGAN, Parks & Recreation Dept., State of California, (Huntington & Bolsa Chica)
- => DOUG MOORE, Public Health Laboratory, County of Orange
- => CHRISTIAN MORRIS-SMITH, Surfrider Foundation – Laguna Beach *via MAIL
- => DON RUSSELL, Capistrano Bay Community Services District *via E-MAIL
- => CHIEF STEVE SEIM, Marine Safety Division, City of Huntington Beach
- => KEN THEISEN, Santa Ana Regional Water Quality Control Board
- => ANDREW THEODOROU, Newport Dunes
- => MICHAEL TOPE, Parks & Recreation Dept., State of California (San Clemente)
- => BILLY WHITFORD, Newport Aquatic Center *via MAIL

Documents Transmitted: Bacteriological Monitoring Data

Comments: For your information. This is also available via E-Mail. Contact Monica Mazur for further details.

From: Monica Mazur (714) 667-3751

This Information Sheet plus 8 Page(s)

Date Sent: 3/21/01

Time Sent p.m.

If you do not receive all the pages, please call (714) 667-3751 as soon as possible to request a retransmission.

FAX Operator: _____ mm

Agency / Environmental Health Bacteriological Monitoring Program Total Coliform (TC), $E. coli$ (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		1/20/00	1/10/01	1/18/01	1/23/01	1/31/01	2/7/01	2/14/01	2/22/01	2/28/01	3/7/01	3/14/01
SAN GABRIEL RIVER													
CSGPM	SGR - Marina Drive	TC	1100	>24192	2400	934	>24192	8488	>24192	2224	NS	>24192	1456
		EC	51	581	10	20	160	74	2481	52	NS	311	20
		ENT	20	480	121	74	63	373	2382	81	NS	216	20
CSGR1	1st Street Parking Lot	TC	1112	>24192	5794	1281	15531	1398	>24192	752	NS	>24192	437
		EC	110	480	148	20	63	813	1137	63	NS	1137	31
		ENT	41	1334	148	85	62	2613	1988	122	NS	1553	31
SEAL BEACH (surfzone)													
OSB02	Projection of 1st Street	TC	40	9000	70	230	20	170	16000	80	3000	5000	230
		EC	41	278	41	74	10	10	4108	74	350	209	41
		ENT	10	218	41	171	10	30	3654	31	1067	238	<10
OSB03	Projection of 8th Street	TC	20	1700	3000	170	<20	80	1300	170	3000	500	20
		EC	31	282	85	63	<10	10	63	41	262	262	62
		ENT	<10	74	311	52	<10	52	248	92	613	63	<10
OSB04	Projection of 14th Street	TC	<20	NS	110	140	40	<20	800	170	3000	2200	<20
		EC	<10	NS	<10	20	20	<10	169	10	171	169	<10
		ENT	<10	NS	10	41	<10	10	388	20	187	74	<10
OSB01	Projection of Sea Way	TC	<20	270	130	40	20	20	170	70	NS	800	<20
		EC	<10	41	134	95	<10	10	86	20	NS	63	<10
		ENT	<10	41	31	31	<10	10	143	20	NS	20	<10
SUNSET BEACH (surfzone)													
OSUB1	Projection of Broadway	TC	<20	2400	20	40	<20	<20	700	40	NS	130	20
		EC	<10	41	74	74	<10	20	74	10	NS	20	<10
		ENT	<10	63	10	20	<10	<10	240	<10	NS	<10	<10
HUNTINGTON HARBOUR (in Harbour)													
BHH08	Bolsa Bay	TC	<20	3000	80	20	40	80	2400	170	NS	2200	<20
		EC	31	345	<10	41	<10	52	934	51	NS	74	10
		ENT	10	837	31	20	<10	30	1665	<10	NS	30	10
MHH07	Sunset Aquatic Marina	TC	<20	>16000	170	220	300	40	>16000	170	>16000	16000	220
		EC	<10	2755	<10	10	63	10	1493	<10	7701	249	52
		ENT	31	8867	52	41	10	20	5794	31	8488	121	63
BHH16	Mother's Beach	TC	20	>16000	130	20	<20	80	18000	3000	NS	>16000	90
		EC	41	556	20	10	52	41	1493	20	NS	416	10
		ENT	41	739	10	10	<10	41	3448	10	NS	231	10
BHH12	Trinidad Lane Beach	TC	20	>16000	20	20	<20	80	>16000	40	NS	1700	600
		EC	<10	1086	<10	20	10	20	906	<10	NS	132	556
		ENT	<10	1401	<10	10	20	31	4108	<10	NS	97	63
BHH09	Sea Gate	TC	<20	1700	20	20	<20	<20	1700	<20	NS	20	40
		EC	10	<10	<10	<10	<10	<10	256	<10	NS	<10	<10
		ENT	<10	41	<10	<10	<10	10	86	<10	NS	10	20
BHH06	Humboldt Beach	TC	<20	>16000	70	<20	<20	3000	18000	170	NS	1700	<20
		EC	<10	1145	<10	<10	<10	73	906	109	NS	120	10
		ENT	10	2142	<10	<10	<10	3076	4108	10	NS	98	10
MHH10	Davenport Beach	TC	<20	>16000	170	<20	80	2400	>16000	500	NS	5000	<20
		EC	<10	697	10	<10	<10	10	723	10	NS	160	<10
		ENT	<10	1178	10	<10	<10	272	2481	10	NS	86	<10
MHH01	Clubhouse Marina	TC	1700	>16000	500	20	2400	170	16000	1100	NS	5000	800
		EC	52	609	<10	10	<10	52	1112	<10	NS	109	31
		ENT	52	1137	10	10	20	10	2909	<10	NS	41	10
BHH13	Harbour Channel	TC	20	>16000	220	40	40	<20	16000	500	NS	2900	130
		EC	20	528	10	<10	10	10	1187	<10	NS	134	<10
		ENT	10	1354	31	20	<10	<10	4108	31	NS	122	20
BHH04	11th Street Beach	TC	1700	>16000	130	40	20	1900	18000	300	NS	1100	20
		EC	452	1039	97	30	203	907	907	63	NS	96	<10
		ENT	318	2755	187	73	74	1160	1337	278	NS	2359	10
BHH11	Admiralty Drive	TC	<20	>16000	80	130	110	<20	16000	170	NS	2200	40
		EC	20	687	<10	160	63	10	584	<10	NS	52	30
		ENT	20	1989	41	313	41	41	5172	10	NS	41	20
MHH14	Anderson Street Marina	TC	20	9000	80	40	80	20	>16000	130	NS	3000	220
		EC	<10	86	31	10	31	10	4884	<10	NS	120	10
		ENT	10	265	63	66	20	<10	3076	10	NS	20	41
BHH05	Anaheim Bay - Gas Dock	TC	20	9000	230	<20	70	<20	>16000	170	NS	3000	20
		EC	<10	74	31	10	<10	41	2987	10	NS	85	10
		ENT	31	135	52	20	20	<10	5172	41	NS	20	10
BHH18	Coral Cay Beach	TC	80	>16000	80	20	80	3000	16000	80	NS	1700	40
		EC	<10	1342	63	20	20	4511	1050	20	NS	185	20
		ENT	<10	4108	74	20	10	1935	3448	20	NS	86	20

Health Care Agency / Environmental Health Bacteriological Monitoring Program
Total Coliform (TC), *E. coli* (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		1/9/01	1/17/01	1/23/01	1/30/01	2/6/01	2/14/01	2/21/01	2/27/01	3/6/01	3/13/01
NEWPORT BAY (Upper Bay)			RAIN 1/8/01					RAIN	RAIN	RAIN	RAIN	
BNB24	Newport Dunes - Middle	TC	>16000	800	300	5000	230	>16000	1100	>16000	500	70
		EC	3654	122	20	<10	31	1095	583	1333	10	10
		ENT	15531	668	51	31	20	5794	41	5172	52	<10
BNB24	Newport Dunes - West	TC	>16000	3000	210	2200	40	>16000	240	>16000	300	60
		EC	2756	2046	83	52	41	1860	134	1529	31	20
		ENT	19863	4352	52	<10	10	8164	52	5794	10	<10
BNB24	Newport Dunes - East	TC	>16000	330	70	1300	170	>16000	500	>16000	800	20
		EC	4884	74	10	52	52	1450	51	1100	31	<10
		ENT	19863	98	10	<10	<10	5475	134	3076	63	<10
BNB24	Newport Dunes - North	TC	>16000	300	20	1400	<20	>16000	500	>16000	230	140
		EC	5794	74	41	30	10	2098	109	1334	20	31
		ENT	17329	160	<10	<10	10	8164	41	4611	74	<10
BNB25	Vaughn's Launch	TC	5000	NS	300	1700	130	>16000	800	NS	NS	170
		EC	244	NS	52	<10	41	2224	148	NS	NS	20
		ENT	667	NS	52	31	62	15531	148	NS	NS	20
BNB26	Ski Zone	TC	>16000	NS	80	NS	300	NS	>16000	NS	NS	130
		EC	7701	NS	31	NS	41	NS	669	NS	NS	52
		ENT	11199	NS	10	NS	74	NS	2142	NS	NS	20
BNB28	North Star Beach	TC	16000	5000	20	>16000	20	>16000	240	>16000	800	500
		EC	512	187	<10	448	<10	2924	98	2723	404	97
		ENT	1354	8172	20	272	20	6131	132	9804	594	132
BNB30	De Anza	TC	5000	1100	40	1700	<20	>16000	170	>16000	300	20
		EC	151	86	<10	41	20	2723	10	988	<10	10
		ENT	292	98	10	20	<10	6488	10	3654	74	<10
BNB05	Bayshore Beach	TC	3000	110	80	2400	40	>16000	170	16000	1300	20
		EC	80	10	<10	74	<10	2987	20	878	10	<10
		ENT	187	20	<10	<10	20	10462	10	4352	20	<10
NEWPORT BAY TRIBUTARIES												
CNBCD	San Diego Creek - Campus Dr.	TC	>24192	19863	9208	>24192	4611	>24192	>16000	>16000	>16000	>24192
		EC	9208	246	41	464	305	5475	1145	4106	9208	288
		ENT	11199	158	98	448	63	>24192	410	9208	5172	74
CNBSA	Santa Ana Del Rio Channel	TC	>24192	24192	>24192	>24192	11199	>24192	9000	16000	>16000	12997
		EC	>24192	187	408	336	110	5172	134	5172	19863	187
		ENT	9804	1034	318	488	5172	11199	3654	4611	>24192	3076
CNBBC	Big Canyon Creek	TC	>24192	NS	19863	1254	4611	>24192	1700	NS	NS	3076
		EC	5172	NS	243	51	288	2851	209	NS	NS	134
		ENT	4352	NS	121	52	218	6131	122	NS	NS	63
CNBND	Backbay Drive Pipe	TC	4352	1723	8164	1395	3448	>24192	500	5000	2100	NS
		EC	20	10	<10	<10	<10	368	10	1334	504	NS
		ENT	181	88	52	52	97	3448	63	2813	759	NS

SINGLE SAMPLE STANDARDS:

Total Coliforms - 10,000 organisms per 100 milliliters sample.
Fecal Coliforms (*E. coli*) - 400 organisms per 100 milliliters sample.
Enterococci - 104 organisms per 100 milliliters sample.
Fecal:Total Ratio - >1000 total coliforms if ratio exceeds 0.1.

30-DAY LOG MEAN STANDARDS
(of five weekly samples):

Total Coliforms - 1,000 organisms per 100 milliliters sample.
Fecal Coliforms (*E. coli*) - 200 organisms per 100 milliliters sample.
Enterococci - 35 organisms per 100 milliliters sample.

NS - NOT SAMPLED
LA - LAB ACCIDENT

Bacteriological Monitoring Program
Total Coliform (TC), col (EC), Enterococcus (ENT) Most Probable Number / 100 ml Sample

STATION	Location Description		1/8/01	1/17/01	1/23/01	1/30/01	2/8/01	2/14/01	2/21/01	2/27/01	3/5/01	3/13/01
NEWPORT BAY (Lower Bay)			RAIN 1/8/01						RAIN	RAIN	RAIN	
BNB09	43rd Street Beach	TC	2400	>18000	270	9000	300	>16000	203	>16000	>16000	500
		EC	530	41	10	31	197	754	231	2909	703	389
		ENT	645	1119	41	121	31	1450	285	3448	201	74
BNB10	38th Street Beach	TC	9000	18000	500	1700	1800	>16000	1400	>16000	>16000	80
		EC	744	86	10	<10	122	1049	<10	3654	638	<10
		ENT	1483	134	10	155	20	4106	41	4106	471	31
BNB11	33rd Street Channel	TC	18000	18000	300	500	300	18000	1300	>16000	15000	130
		EC	4884	573	20	20	30	1858	41	1616	862	<10
		ENT	4106	833	10	20	41	3873	749	4106	2359	97
BNB32	Lido Yacht Club Beach	TC	18000	110	230	110	70	>16000	40	>16000	500	20
		EC	624	<10	121	20	41	1723	20	839	141	10
		ENT	368	10	259	<10	63	7701	31	3448	52	10
BNB07	Via Genoa Beach	TC	2400	40	40	220	130	>16000	130	>16000	800	110
		EC	712	10	10	20	20	1248	86	1483	148	<10
		ENT	252	20	<10	10	109	5172	10	3076	201	10
BNB35	Newport Blvd. Bridge	TC	>16000	>16000	300	300	>16000	>16000	9000	>16000	>16000	300
		EC	2359	63	10	10	1153	9804	958	1169	8664	20
		ENT	9804	96	120	20	>24192	12033	24192	3873	12997	<10
BNB12	Rhine Channel	TC	1700	1300	20	1300	80	>16000	40	18000	>16000	20
		EC	263	52	<10	74	121	1515	10	1211	323	<10
		ENT	272	<10	10	20	10	8488	74	3076	180	<10
BNB14	19th Street Beach	TC	3000	230	220	230	40	>16000	20	>16000	300	<20
		EC	111	52	73	74	20	1090	10	1153	41	10
		ENT	488	20	10	20	52	4106	<10	3873	20	<10
BNB15	15th Street Beach	TC	800	140	170	1300	<20	>16000	130	>16000	280	20
		EC	30	10	10	<10	10	1336	85	960	41	10
		ENT	179	10	<10	20	10	7701	<10	1353	52	10
BNB17	10th Street Beach	TC	3000	230	<20	300	20	>16000	500	16000	300	80
		EC	272	20	<10	10	10	1553	712	884	63	10
		ENT	153	84	10	<10	20	9208	106	4352	74	<10
BNB18	Alvarado/ Bay Isle Beach	TC	9000	230	40	2400	<20	>16000	40	>16000	170	40
		EC	723	<10	10	10	10	2014	<10	547	20	<10
		ENT	314	135	<10	<10	20	9208	10	3873	20	<10
BNB22	N Street Beach	TC	2200	20	40	170	<20	>16000	<20	>16000	130	20
		EC	140	30	31	20	<10	1354	10	520	20	<10
		ENT	134	10	10	<10	20	6488	10	4884	10	20
BNB31	Garnet Avenue Beach	TC	3000	170	20	1100	20	>16000	40	>16000	220	20
		EC	204	10	<10	<10	<10	1722	10	838	41	<10
		ENT	311	31	20	<10	10	5172	20	3076	74	52
BNB03	Ruby Avenue Beach	TC	1300	130	110	220	40	>16000	170	16000	170	<20
		EC	186	41	63	<10	10	1259	<10	487	20	10
		ENT	448	20	30	<10	63	5172	51	4811	121	<10
BNB20	Sapphire Avenue Beach	TC	170	40	20	110	20	>16000	20	16000	130	20
		EC	40	10	10	<10	10	1500	10	708	41	<10
		ENT	20	<10	<10	197	185	5794	<10	3076	41	121
BNB34	Grand Canal	TC	220	40	40	270	30	3000	170	16000	230	<20
		EC	50	<10	<10	20	<10	1515	10	706	98	<10
		ENT	30	20	<10	<10	10	4811	10	2873	108	<10
BNB21	Abslone Avenue Beach	TC	40	20	40	130	130	18000	40	18000	230	<20
		EC	10	10	10	<10	187	1081	10	869	20	<10
		ENT	52	<10	20	10	98	7701	10	3076	10	<10
BNB01	Park Avenue Beach	TC	170	80	20	110	<20	>16000	40	5000	500	<20
		EC	20	<10	10	41	<10	1250	10	520	88	10
		ENT	41	<10	<10	<10	<10	5794	20	3854	30	<10
BNB02	Onyx Avenue Beach	TC	800	130	40	20	9000	>16000	40	>16000	1100	<20
		EC	90	10	<10	<10	12033	1553	10	465	426	20
		ENT	399	20	52	31	7701	4352	20	2187	19863	10
BNB29	Promontory Point Channel	TC	500	20	20	80	300	>16000	40	>16000	170	70
		EC	248	<10	<10	<10	52	1076	10	457	<10	<10
		ENT	384	10	<10	<10	5794	3255	<10	1918	74	10
BNB33	Harbor Patrol Beach	TC	220	2400	80	500	130	>16000	340	>16000	1300	40
		EC	147	146	41	52	88	3609	<10	481	472	41
		ENT	132	98	30	20	240	5488	84	1989	594	<10
BNB23	Rocky Point Beach	TC	130	40	130	40	20	>16000	300	>16000	130	20
		EC	20	31	134	<10	10	959	<10	354	<10	<10
		ENT	41	<10	31	10	10	5172	<10	2909	10	<10

STATION	Location Description		12/18/00	1/22/01	1/29/01	2/5/01	2/15/01	2/20/01	2/28/01	3/7/01	3/5/01	3/12/01
NEWPORT COAST (surfzone)							RAIN	RAIN	RAIN	RAIN	RAIN	
ONB29	Corona Del Mar State Beach	TC	<20	<20	130	80	800	20	1300	NS	230	<20
		EC	<10	<10	<10	131	<10	<10	20	NS	31	<10
		ENT	10	10	<10	109	20	10	314	NS	52	10
ONB31	Little Corona Beach	TC	<20	<20	80	40	2200	110	5000	NS	40	20
		EC	<10	<10	<10	20	63	<10	216	NS	20	<10
		ENT	<10	10	<10	74	195	20	982	NS	52	20
ONB35	Pelican Point	TC	110	<20	20	20	2800	70	1300	NS	80	<20
		EC	<10	<10	<10	31	41	10	52	NS	10	<10
		ENT	10	<10	<10	<10	41	31	465	NS	<10	<10
ONB39	Crystal Cove	TC	<20	<20	20	40	2400	80	NS	110	20	<20
		EC	<10	<10	<10	20	145	<10	NS	<10	10	<10
		ENT	<10	<10	20	<10	41	20	NS	52	41	<10
ONB43	Muddy Creek	TC	<20	<20	<20	<20	20	40	NS	20	20	<20
		EC	<10	<10	<10	<10	<10	<10	NS	10	10	<10
		ENT	<10	<10	10	<10	<10	<10	NS	10	<10	<10
ONB45	El Morro Beach	TC	<20	<20	<20	40	<20	<20	NS	20	20	20
		EC	<10	10	<10	31	<10	<10	NS	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	NS	20	10	<10
NEWPORT COAST (creeks) All Creeks Flowing Unless												
CNBBG	Buck Gully Creek	TC	3873	6131	3873	2143	4611	8654	24192	NS	2143	3654
		EC	20	10	31	20	98	158	1046	NS	20	148
		ENT	121	85	145	350	228	1060	3076	NS	148	131
CNBP	Pelican Point Creek	TC	<10	24192	6488	17329	>24192	14136	>24192	NS	>24192	>24192
		EC	<10	53	10	233	88	364	426	NS	41	158
		ENT	<10	350	373	959	259	727	1789	NS	538	465
CNBPM	Pelican Point Middle Creek	TC	*19863	14136	*9804	*9804	*24192	17329	>24192	NS	>24192	>24192
		EC	7701	20	31	<10	30	<10	1188	NS	146	74
		ENT	2758	20	203	74	457	650	1960	NS	419	379
CNBPW	Pelican Hill Waterfall	TC	857	828	2292	488	*6131	7701	NS	NS	7701	24192
		EC	<10	20	10	<10	88	292	NS	NS	30	<10
		ENT	<10	52	135	74	199	4884	NS	NS	243	74
CNBCC	Crystal Cove Creek	TC	4106	5475	7701	6488	>24192	1616	NS	19863	3448	6867
		EC	181	181	158	591	85	20	NS	85	74	41
		ENT	256	1098	158	243	195	148	NS	480	1935	201
CNBCU	Crystal Cove Upstream	TC	4884	12997	8664	14136	12997	12033	NS	NS	2247	5475
		EC	448	108	74	307	73	197	NS	NS	20	52
		ENT	504	2143	216	559	134	561	NS	NS	98	85
CNBMC	Muddy Creek	TC	>24192	24192	>24192	>24192	14136	>24192	NS	>24192	17329	8164
		EC	20	130	20	20	31	30	NS	119	31	20
		ENT	534	631	933	2014	269	763	NS	1014	670	109
CNB45	El Morro Creek	TC	5475	3164	7701	3255	>24192	3255	NS	9804	2481	6131
		EC	120	30	41	31	382	110	NS	20	10	122
		ENT	38	110	292	235	17195	243	NS	279	404	262
CNBEU	El Morro Creek Upstream	TC	3654	12997	2851	6794	>24192	12033	NS	NS	4106	3448
		EC	<10	<10	<10	<10	120	<10	NS	NS	<10	131
		ENT	51	132	52	97	339	723	NS	NS	63	110
Laguna Beach (surfzone)												
OLB10	Emerald Bay	TC	<20	20	<20	20	<20	40	NS	<20	<20	<20
		EC	<10	<10	<10	<10	<10	<10	NS	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	50	NS	<10	<10	<10
OLB05	Crescent Bay Beach	TC	<20	20	20	20	20	20	NS	20	20	20
		EC	<10	<10	<10	41	<10	<10	NS	<10	<10	10
		ENT	<10	<10	<10	<10	<10	20	NS	<10	10	<10
OLB00	Laguna Main Beach	TC	40	230	20	130	40	80	NS	170	230	<20
		EC	172	228	20	10	20	20	NS	10	83	<10
		ENT	10	89	50	20	<10	10	NS	<10	10	<10
OSL12	Treasure Island Pier	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	(construction on site -	EC	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	no access)	ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Laguna Beach (creeks) All Creeks Flowing Unless												
CLBEB	Emerald Bay Drain	TC	>24192	NS	>24192	NS	>24192	2382	NS	4511	*554	>24192
		EC	5172	NS	17329	NS	2489	384	NS	121	41	7701
		ENT	15531	NS	4106	NS	399	498	NS	816	10	4511
CLBBC	Broadway Creek	TC	24192	10462	2909	2887	19863	>24192	NS	14136	>24192	3255
		EC	1374	683	223	305	6488	521	NS	882	472	459
		ENT	689	683	676	428	399	1483	NS	368	122	189

NS - NOT SAMPLED

Health Care Agency / Environmental Health Bacteriological Monitoring Program
Total Coliform (TC), *E. coli* (EC), Enterococcus (ENT) Most Probable Number / 100ml Sample

STATION	Location Description		1/2/01	1/8/01	1/15/01	1/22/01	1/29/01	2/5/01	2/14/01	2/20/01	2/28/01	3/5/01	3/12/01
DANA POINT (beaches)													
OSL25	Monarch Beach	TC	<20	130	80	70	20	300	800	130	500	800	<20
	(North of Salt Creek)	EC	10	74	10	<10	<10	121	110	31	74	98	<10
		ENT	<10	142	20	52	10	20	171	153	41	41	<10
OSL23	Monarch Beach	TC	800	220	700	800	20	40	230	130	<20	1100	230
	(South of Salt Creek)	EC	10	88	20	41	<10	74	10	52	10	175	10
		ENT	<10	63	20	253	<10	63	20	10	<10	108	213
ODB02	North Beach - Doheny	TC	500	130	2400	5000	1300	500	1700	16000	>16000	5000	170
		EC	84	52	1296	496	805	122	313	1956	>24192	723	547
		ENT	253	1254	573	5478	8164	1087	933	>24192	>24192	1071	288
ODB04	Doheny Beach	TC	40	800	500	500	230	5000	>16000	>16000	16000	5000	3000
	(North of San Juan Creek)	EC	72	332	301	97	428	4884	8154	15531	1396	1607	6867
		ENT	62	673	546	231	1333	2495	7270	14136	2382	5475	1723
ODB05	Doheny Beach	TC	130	1100	800	40	230	500	>16000	1100	5000	500	80
	(South Of San Juan Creek)	EC	86	667	350	51	109	554	1081	369	620	455	69
		ENT	256	1539	529	41	332	243	8664	703	1607	591	275
DANA POINT (creeks) - All Creeks Flowing Into Bay													
CSLSC	Salt Creek	TC	>24192	7701	12967	>24192	7270	12997	24192	>24192	12033	>24192	>24192
		EC	359	1281	275	240	146	1597	1169	2909	1071	1334	288
		ENT	548	759	717	5764	384	683	1553	8164	448	359	5172
CDBNC	North Beach Creek	TC	15831	>24192	591	>24192	>24192	>24192	>24192	>24192	>16000	>24192	24192
		EC	1515	3076	<10	3448	484	627	4106	1669	>24192	3076	472
		ENT	1313	976	10	2613	1607	1421	8164	465	18863	933	1607
CSJC1	San Juan Creek Mouth	TC	>24192	9208	3076	24192	17329	>24192	>24192	>24192	16000	10482	6867
		EC	6488	1376	484	3448	4106	17329	3255	3441	2359	1785	1785
		ENT	14136	2755	354	5784	6131	8164	4384	11199	4106	5475	548
CSJC2	Upper San Juan Creek	TC	8164	9804	7701	9804	5172	3076	>24192	12997	9000	>24192	2481
		EC	20	1178	520	1616	1145	384	3873	2602	2359	754	232
		ENT	97	1198	443	603	3076	313	3448	5172	4106	189	121
DANA POINT HARBOR (In Harbor)													
BOP12	West End - Baby Beach	TC	130	2400	20	110	80	140	500	170	NS	3000	230
		EC	121	1664	20	31	10	97	148	74	NS	314	97
		ENT	31	1313	63	20	63	73	301	74	NS	384	74
BDP13	Buoy Line - Baby Beach	TC	130	3000	80	800	110	800	800	500	NS	110	300
		EC	63	210	73	1989	<10	389	131	1291	NS	132	63
		ENT	31	4106	20	1785	30	228	354	335	NS	52	605
BPD14	Swim Area - Baby Beach	TC	9000	1300	20	<20	20	16000	1100	800	NS	230	90
		EC	7701	115	10	30	<10	11199	211	754	NS	677	97
		ENT	109	161	<10	20	10	228	884	218	NS	211	41
BDP15	East End - Baby Beach	TC	70	300	40	130	80	130	700	220	NS	130	170
		EC	183	644	10	31	63	83	110	246	NS	33	74
		ENT	10	331	30	109	80	158	278	85	NS	31	84
BOP08	Pier	TC	<20	20	40	<20	40	40	700	90	NS	40	20
		EC	<10	<10	<10	<10	<10	<10	173	31	NS	<10	<10
		ENT	10	10	20	10	<10	<10	359	20	NS	10	10
BDP16	Pilgrim Dock	TC	<20	20	<20	20	<20	<20	2400	40	NS	20	20
		EC	<10	<10	10	10	<10	<10	201	10	NS	20	10
		ENT	<10	<10	10	20	<10	<10	479	20	NS	10	20
BDP11	Guest Dock - End	TC	<20	20	40	20	40	<20	1700	300	NS	170	110
	(West Basin)	EC	<10	<10	<10	10	<10	31	134	98	NS	52	<10
		ENT	<10	20	<10	<10	<10	31	258	20	NS	31	20
BDP09	Harbor Entrance	TC	<20	130	40	<20	<20	20	300	210	NS	40	20
		EC	<10	249	<10	<10	<10	<10	122	<10	NS	<10	10
		ENT	<10	62	10	10	<10	20	121	41	NS	10	<10
BDP10	Harbor Patrol Dock	TC	<20	<20	20	<20	40	20	1900	20	NS	<20	20
	(East Basin)	EC	<10	<10	10	10	<10	<10	109	31	NS	<10	31
		ENT	<10	<10	<10	<10	<10	<10	275	<10	NS	<10	10
BDP17	Youth Dock	TC	<20	80	20	130	80	<20	300	20	NS	20	<20
		EC	10	20	<10	<10	<10	<10	146	10	NS	<10	<10
		ENT	<10	<10	10	10	<10	<10	377	20	NS	<10	<10
BDP07	Fuel Dock	TC	<20	80	20	20	<20	40	230	110	NS	40	<20
		EC	<10	10	<10	<10	<10	<10	122	<10	NS	20	41
		ENT	<10	10	10	31	<10	<10	203	<10	NS	52	<10

NS - NOT SAMPLED

Most Probable Number / 100 ml Sample

STATION	Location Description		2/17/01	2/20/01	2/22/01	3/5/01	3/8/01	3/10/01	3/13/01	3/15/01	3/17/01
HUNTINGTON BEACH (surfzone)			RAIN	RAIN	RAIN	RAIN	RAIN	RAIN			
OHB39 / 39N	Bolsa Chica Beach	TC	300R	20R	20R	<20R	140R	<20R	20	<20	<20
		FC	20R	<20R	<20R	<20R	20R	<20R	<20	<20	<20
		ENT	<2R	28R	18R	30R	2R	6R	<2	<2	<2
OHB33 / 33N	Bolsa Chica Reserve	TC	130R	300R	20R	40R	170R	20R	20	<20	<20
		FC	20R	20R	<20R	20R	20R	<20R	<20	<20	<20
		ENT	16R	30R	12R	36R	4R	4R	2	3	2
OHB27 / 27N	Bluffs	TC	170R	40R	70R	40R	70R	70R	<20	<20	20
		FC	40R	20R	<20R	<20R	<20R	20R	<20	<20	<20
		ENT	14R	28R	28R	8R	14R	2R	2	<2	<2
OHB21 / 21N	17th Street	TC	210R	110R	20R	70R	20R	130R	20	<20	20
		FC	<20R	80R	<20R	20R	<20R	40R	20	<20	<20
		ENT	58R	40R	50R	36R	4R	<2R	<2	6	<2
OHB15 / 15N	Jacks Snack Bar	TC	300R	<20R	80R	40R	140R	20R	<20	<20	<20
		FC	20R	<20R	<20R	<20R	20R	<20R	<20	<20	<20
		ENT	30R	8R	44R	46R	30R	10R	2	4	<2
OHB09 / 9N	SCE Plant	TC	60R	20R	<20R	300R	130R	20R	<20	80	<20
		FC	<20R	20R	<20R	130R	<20R	<20R	<20	80	<20
		ENT	36R	10R	30R	54R	8R	4R	6	<2	2
OHB06 / 6N	Magnolia Street	TC	170R	40R	70R	500R	3000R	90R	40	40	<20
		FC	20R	40R	20R	80R	300R	40R	40	<20	<20
		ENT	10R	16R	26R	12R	66R	4R	6	6	4
OHB03 / 3N	Brookhurst	TC	220R	270R	230R	300R	110R	130R	300	<20	40
		FC	40R	<20R	230R	40R	60R	130R	300	<20	20
		ENT	10R	32R	34R	40R	30R	6R	8	2	4
ONB00 / 0	Santa Ana River Mouth	TC	1300R	9000R	130R	1300R	1700R	170R	80	110	170
		FC	500R	130R	80R	300R	<20R	20R	80	20	130
		ENT	12R	82R	28R	24R	16R	20R	50	18	8
NEWPORT BEACH (surfzone)											
ONB03 / 3S	Orange Street	TC	2400R	16000R	70R	40R	40R	300R	20	1100	800
		FC	40R	300R	20R	20R	<20R	40R	<20	210	170
		ENT	16R	158R	20R	34R	4R	10R	8	60	80
ONB06 / 6S	52nd/53rd Street	TC	500R	170R	170R	20R	600R	90R	20	140	500
		FC	20R	<20R	20R	20R	40R	20R	<20	40	130
		ENT	14R	54R	26R	6R	4R	8R	12	36	48
ONB09 / 9S	38th Street	TC	300R	230R	40R	<20R	80R	40R	40	<20	70
		FC	20R	40R	<20R	<20R	20R	<20R	20	<20	40
		ENT	10R	32R	40R	2R	6R	6R	12	4	6
ONB15 / 15S	15th/16th Street	TC	230R	20R	170R	20R	220R	40R	20	40	40
		FC	<20R	<20R	130R	20R	40R	20R	20	<20	<20
		ENT	4R	10R	18R	4R	50R	54R	<2	<2	6
ONB21 / 21S	Balboa Pier	TC	40R	40R	20R	20R	230R	40R	<20	20	130
		FC	20R	40R	<20R	<20R	40R	20R	<20	<20	40
		ENT	6R	10R	8R	4R	8R	10R	2	<2	4
ONB27 / 27S	The Wedge	TC	<20R	1100R	20R	<20R	130R	70R	40	<20	40
		FC	<20R	1100R	20R	<20R	20R	20R	<20	<20	20
		ENT	<2R	2R	<2R	<2R	<2R	8R	<2	<2	<2
ONB29 / 29S	Corona Del Mar Beach	TC	90R	130R	20R	110R	40R	20R	<20	30	20
		FC	<20R	130R	<20R	40R	<20R	<20R	<20	20	<20
		ENT	6R	6R	10R	10R	4R	2R	6	2	<2
ONB39 / 39S	Crystal Cove	TC	<20R	40R	40R	70R	40R	170R	<20	<20	<20
		FC	<20R	40R	<20R	20R	<20R	20R	<20	<20	<20
		ENT	<2R	4R	42R	42R	2R	2R	2	<2	2

COMMENTS: R: Samples influenced by rain.
 NS: Samples not taken
 S: Samples influenced by Santa Ana River or D2 Flood Control Channel.

STATION	Location Description		1/17/01	1/22/01	2/22/01	2/26/01	2/28/01	3/5/01	3/7/01	3/12/01	3/14/01
LAGUNA BEACH (surfzone)					RAIN	RAIN	RAIN	RAIN			
OLB16 / S16	Hotel Laguna	TC	10	40	190	3000	30	120	440	20	54
		FC	10	18	54	300	10	44	290	<10	18
		ENT	70	16	70	200	10	42	45	<10	18
OLB15 / S15	Projection of Bluebird Canyon	TC	70	70	<10	7100	73	200	110	30	430
		FC	8	30	<10	600	36	60	10	20	300
		ENT	74	100	<10	4900	73	190	140	10	350
OLB14 / S14	Victoria Beach	TC	10	12	40	400	30	20	30	62	8
		FC	14	4	40	100	10	10	10	56	8
		ENT	2	2	70	400	40	<2	30	<2	<2
OLB13 / S13	Blue Lagoon	TC	28	12	50	500	20	20	40	32	4
		FC	28	10	40	200	20	2	20	2	2
		ENT	12	8	210	<100	50	<2	30	36	2
ALISO BEACH (surfzone)											
OSL12 / S12	Treasure Island Pier (construction on site - no access)	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS
OSL11 / S11	Treasure Island Sign	TC	4	18	10	310	30	180	40	12	14
		FC	2	<2	<10	140	<10	10	10	4	6
		ENT	2	6	<10	160	90	14	<10	8	<2
OSL10 / S10	Aliso-North	TC	<2	12	10	400	90	>400	6400	14	8
		FC	<2	4	<10	<100	30	120	430	4	<2
		ENT	<2	20	20	400	110	86	520	<2	6
OSL09 / S09	Aliso-Middle	TC	10	70	<10	500	250	20	50	70	470
		FC	10	85	30	100	190	20	10	30	220
		ENT	<10	70	50	400	130	<10	20	40	62
OSL08 / S08	Aliso-South	TC	160	18	30	500	250	20	<10	14	28
		FC	140	8	<10	100	240	<10	<10	<2	4
		ENT	6	18	<10	100	110	<10	<10	<2	6
OSL07 / S07	Camel Point	TC	2	12	20	4200	70	22	10	8	12
		FC	<2	2	<10	520	10	<2	10	2	6
		ENT	<2	10	10	6400	50	8	<10	<2	<2
OSL06 / S06	Table Rock	TC	2	20	<10	2900	91	14	10	10	8
		FC	2	6	10	180	20	4	<10	4	<2
		ENT	2	4	<10	580	80	2	<10	<2	2
OSL05 / S05	Laguna Lido Apt.	TC	2	22	<10	310	20	12	<10	14	9
		FC	<2	2	<10	82	<10	<2	10	4	2
		ENT	<2	4	<10	180	50	2	10	2	2
OSL04 / S04	9th St. 1000 Steps Beach	TC	4	4	10	220	100	24	30	2	3
		FC	2	2	<10	120	10	10	<10	6	2
		ENT	<2	2	<10	250	<10	<2	<10	<2	<2
OSL03 / S03	Three Arch Bay	TC	2	10	<10	190	40	22	30	2	6
		FC	4	4	10	64	20	2	10	<2	1
		ENT	<2	14	10	190	30	4	20	2	<1
ALISO CREEK											
ABAC / C1	Aliso Creek Mouth	TC	210	530	3000	25000	10000	8600	21000	4800	3700
		FC	30	320	630	4400	2600	380	2200	190	73
		ENT	90	310	300	4700	12000	200	2500	270	100
ANA POINT (surfzone)											
SL02 / S02	Salt Creek Beach	TC	12	22	260	1000	140	43	170	8	6
		FC	2	6	40	200	<10	12	<10	<2	<2
		ENT	4	10	10	500	80	10	60	<2	<2
S01	Dana Strand Beach	TC	6	16	20	640	60	24	190	6	20
		FC	6	8	10	210	40	8	10	4	4
		ENT	4	16	<10	1200	60	12	20	<2	1

Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Colony Fc Ig Units / 100 ml Sample

STATION	Location Description		1/17/01	1/22/01	1/30/01	2/5/01	2/14/01	2/20/01	2/28/01	3/5/01	3/12/01
DANA POINT (surfzone)				HCA			RAIN	RAIN	RAIN (HCA)	RAIN	
ODP01 / S6	Marine Institute Beach	TC	13	20	10	CW/C	140	280	130	10	13
		FC	<10	20	20	18	50	190	20	10	4
		ENT	10	10	<10	42	110	70	<10	<10	4
DANA POINT HARBOR (In Harbor)											
BDP09 / S4	Dana Point Harbor Entrance	TC	20	20	<10	20	860	80	500	150	80
		FC	20	<20	10	18	240	80	20	120	10
		ENT	50	20	<10	10	220	30	83	30	30
DOHENY BEACH (surfzone)											
ODB02 / S2	North Beach	TC	220	500	220	130	14000	9100	16000	>2000	6200
		FC	230	203	140	160	7300	6800	500	9000	690
		ENT	720	231	450	80	7000	7900	2382	7200	880
ODB05 / S1	1000' South Outfall	TC	20	230	20	200	2500	2300	1700	140	140
		FC	82	230	30	160	400	1200	130	100	40
		ENT	330	228	120	80	800	1600	323	240	90
----- / S3	2000' South Outfall	TC	70	80	280	80	1400	CW/C	1100	CW/C	60
		FC	50	80	310	140	200	CW/FC	230	240	30
		ENT	530	41	610	860	100	>2000	233	1300	50
OCB03 / S5	3000' South Outfall	TC	140	130	200	90	2500	CW/C	1300	>2000	60
		FC	70	130	150	40	400	CW/FC	300	290	10
		ENT	713	272	330	290	1800	>2000	275	>2000	40
----- / S7	4000' South Outfall	TC	125	110	140	70	2100	CW/C	500	CW/C	160
		FC	120	20	100	50	400	1500	230	430	30
		ENT	520	309	250	140	700	>2000	410	>2000	20
ODB01 / S8	5000' South Outfall	TC	220	80	320	50	1500	CW/C	300	CW/C	280
		FC	80	<20	270	20	<100	CW/FC	300	170	40
		ENT	1000	243	900	240	600	>2000	295	400	50
----- / S0	San Juan Cr/Ocean Interface	TC	356	80	780	30	13000	8500	3000	130	650
		FC	180	90	930	30	2300	7000	500	100	140
		ENT	470	74	3200	80	2400	8900	1126	260	410
SAN JUAN CREEK											
CSJC1 / C1	San Juan Creek Mouth	TC	2600	3000	3000	29000	29000	80000	16000	29000	12000
		FC	1000	2400	700	27000	13000	38000	2400	840	2200
		ENT	1300	6794	2400	12000	5600	55000	4106	9200	1500
CSJC2 / C2	San Juan Creek North	TC	2100	3000	3700	1700	69000	18000	9000	3700	3700
		FC	540	3000	1900	5800	19000	12000	3000	220	500
		ENT	2100	606	1500	5900	6900	7300	4106	350	1400
APISTRAND BEACH (surfzone)											
OCB11 / S11	7500' South Outfall	TC	200	40	80	20	100	CW/C	500	390	40
		FC	140	20	60	20	<10	1300	80	210	<10
		ENT	505	243	160	80	30	>2000	243	610	10
OCB13 / S13	10000' South Outfall	TC	113	300	70	20	240	CW/C	230	80	120
		FC	50	80	130	<10	90	1500	80	20	<10
		ENT	200	30	190	40	120	>2000	738	<10	40
OCB15 / S15	14000' South Outfall	TC	70	20	350	10	11000	1400	800	27	110
		FC	80	20	590	10	3600	680	170	20	70
		ENT	120	20	330	45	9800	2200	323	20	20
SAN CLEMENTE (surfzone)											
OSC05 / S17	20000' South Outfall	TC	60	130	64	50	130	240	2400	120	70
		FC	30	43	40	10	30	120	300	60	20
		ENT	190	10	60	<10	10	230	1050	40	10
SC19 / S19	Lifeguard Building	TC	90	<20	30	150	180	180	300	220	80
		FC	80	<20	30	20	50	50	110	90	<10
		ENT	80	<10	30	10	20	120	107	220	<10
SC21 / S21	Avenida Calafia	TC	<10	20	20	14	60	150	170	50	40
		FC	20	<20	30	4	40	40	40	<10	<10
		ENT	50	<10	30	24	20	<10	31	10	<10
SC23 / S23	Las Palmeras	TC	20	<20	10	18	NS	40	70	20	30
		FC	<10	<20	<10	10	NS	<10	20	<10	<10
		ENT	20	10	30	12	NS	10	<10	10	<10

CW/C - Confluent growth with coliforms CW/FC - Confluent growth with fecal coliforms



COUNTY OF ORANGE HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES ENVIRONMENTAL HEALTH

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DIRECTOR

MIKE SPURGEON
DEPUTY AGENCY DIRECTOR
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8-25
Buck Cally Creek

PLEASE DISTRIBUTE THE FOLLOWING MONITORING DATA TO THE APPROPRIATE RECIPIENT:

- ⇒ MARK BABSKI, Surfrider Foundation – National *via E-MAIL
- ⇒ BRAD BARKER, Parks & Recreation Dept., State of California (Doheny)
- ⇒ CHRIS CROMPTON, Public Facilities & Resources Dept., County of Orange
- ⇒ CAPT. STEVE CUSHMAN, Lifeguard Dept., City of Seal Beach *via E-MAIL
- ⇒ PAT DAPKUS, Administrative Services Dept., City of Huntington Beach *via E-MAIL
- ⇒ MIKE EATON, Parks & Recreation Dept., State of California (Crystal Cove) *via E-MAIL
- ⇒ JOHN R. FOX, General Manager, Emerald Bay Service District
- ⇒ KELLY FRENCH, Surfrider Foundation *via MAIL
- ⇒ NANCY GARDNER, Surfrider Foundation – Newport *via MAIL
- ⇒ EVELYN HART, Newport Beach *via MAIL
- ⇒ CAPT. LYNN HUGHES, Marine Safety, City of San Clemente
- ⇒ CHIEF MARK KLOSTERMAN, City of Laguna Beach Marine Safety *via E-MAIL
- ⇒ GREGG LANGLOIS, Shellfish Program, State Department of Health Services
- ⇒ STEVEN MAY, City Engineer, Laguna Beach *via E-MAIL
- ⇒ TONY MELUM, Marine Safety, City of Newport Beach
- ⇒ JOE MILLIGAN, Parks & Recreation Dept., State of California, (Huntington & Bolsa Chica)
- ⇒ DOUG MOORE, Public Health Laboratory, County of Orange
- ⇒ CHRISTIAN MORRIS-SMITH, Surfrider Foundation – Laguna Beach *via MAIL
- ⇒ DON RUSSELL, Capistrano Bay Community Services District *via E-MAIL
- ⇒ CHIEF STEVE SEIM, Marine Safety Division, City of Huntington Beach
- ⇒ KEN THEISEN, Santa Ana Regional Water Quality Control Board
- ⇒ ANDREW THEODOROU, Newport Dunes
- ⇒ MICHAEL TOPE, Parks & Recreation Dept., State of California (San Clemente)
- ⇒ BILLY WHITFORD, Newport Aquatic Center *via MAIL

Documents Transmitted: Bacteriological Monitoring Data

Comments: For your information. This is also available via E-Mail. Contact Monica Mazur for further details.

From: Monica Mazur (714) 667-3751

This Information Sheet plus 8 Page(s)

Date Sent: 6/26/01

Time Sent p.m.

If you do not receive all the pages, please call (714) 667-3751 as soon as possible to request a retransmission.

FAX Operator: _____ mm

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

STATION	Location Description		1/1/01	4/18/01	4/25/01	5/2/01	5/7/01	5/16/01	5/23/01	5/31/01	6/5/01	6/13/01	6/20/01
SAN GABRIEL RIVER													
CSGRM	SGR - Marina Drive	TC	2200	>500	980	180	80	800	140	1000	100	200	>10
		FC	130	<10	30	20	20	60	50	120	30	<10	<10
		ENT	162	20	80	10	10	10	<10	10	20	<10	<10
CSGR1	1st Street Parking Lot	TC	1000	30	380	800	200	400	200	400	10	200	<10
		FC	40	50	10	10	50	30	70	50	70	20	50
		ENT	40	50	70	60	20	<10	380	40	20	20	310
SEAL BEACH (surfzone)													
OSB02	Projection of 1st Street	TC	1600	80	10	100	200	>130	<10	>10	20	<10	40
		FC	20	80	30	40	10	30	60	<10	20	40	40
		ENT	50	10	<10	<10	10	<10	80	10	50	<10	50
OSB03	Projection of 8th Street	TC	143	20	50	70	10	40	20	50	<10	200	40
		FC	40	10	20	80	10	10	30	50	20	20	70
		ENT	10	<10	20	10	<10	<10	<10	<10	<10	<10	10
OSB04	Projection of 14th Street	TC	95	10	60	<10	10	20	<10	10	<10	<10	10
		FC	20	<10	10	<10	<10	<10	<10	<10	<10	<10	30
		ENT	20	<10	10	<10	<10	<10	<10	<10	<10	<10	<10
OSB01	Projection of Sea Way	TC	<10	<10	60	<10	<10	<10	40	<10	<10	<10	<10
		FC	<10	<10	30	<10	<10	<10	<10	<10	10	<10	<10
		ENT	<10	<10	10	<10	<10	<10	<10	<10	<10	<10	<10
SUNSET BEACH (surfzone)													
OSUB1	Projection of Broadway	TC	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	20
		FC	<10	<10	10	<10	<10	<10	<10	<10	<10	<10	10
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
HUNTINGTON HARBOUR (in Harbour)													
BHH08	Boisa Bay	TC	80	200	110	50	120	20	90	<10	<10	40	40
		FC	20	10	10	20	<10	<10	<10	<10	<10	20	10
		ENT	<10	<10	<10	<10	10	<10	<10	<10	<10	<10	<10
MHH07	Sunset Aquatic Marina	TC	88	>1000	1390	200	20	100	100	40	1400	40	30
		FC	10	<10	80	60	<10	20	30	30	490	10	30
		ENT	<10	10	10	50	<10	10	<10	<10	80	10	10
BHH15	Mother's Beach	TC	60	<10	170	200	<10	<10	10	10	20	20	20
		FC	10	<10	80	10	<10	10	40	<10	10	10	20
		ENT	<10	<10	60	10	<10	10	30	<10	30	<10	100
BHH12	Trinidad Lane Beach	TC	20	<10	30	30	200	30	70	<10	30	20	40
		FC	<10	<10	<10	<10	10	<10	<10	200	<10	<10	20
		ENT	<10	<10	<10	90	<10	350	10	<10	20	10	10
BHH09	Sea Gate	TC	<10	<10	10	50	<10	>50	20	<10	<10	>10	90
		FC	<10	<10	10	40	<10	30	10	<10	<10	<10	<10
		ENT	<10	10	10	10	420	<10	10	<10	<10	10	<10
BHH06	Humboldt Beach	TC	10	<10	50	10	100	30	220	<10	40	2600	70
		FC	<10	<10	10	<10	<10	10	<10	10	50	780	30
		ENT	<10	<10	10	30	20	20	30	<10	30	10	<10
MHH10	Davenport Beach	TC	<10	50	<10	20	20	<10	110	30	220	>20	140
		FC	<10	<10	<10	<10	20	10	20	<10	20	30	<10
		ENT	<10	<10	10	<10	<10	<10	10	10	50	<10	<10
MHH01	Clubhouse Marina	TC	110	680	290	830	220	40	180	<10	>4400	<10	570
		FC	130	<10	<10	780	20	10	40	40	6600	10	870
		ENT	<10	<10	<10	760	<10	10	40	<10	690	<10	<10
BHH13	Harbour Channel	TC	88	10	190	<10	240	30	10	210	<10	<10	<10
		FC	<10	20	<10	<10	40	40	10	30	<10	<10	<10
		ENT	<10	10	10	<10	10	10	10	30	10	<10	<10
BHH04	11th Street Beach	TC	10	20	10	50	10	<10	40	30	10	<10	200
		FC	<10	<10	<10	10	<10	<10	<10	60	20	20	20
		ENT	30	10	30	30	10	20	<10	200	<10	<10	10
BHH11	Admiralty Drive	TC	30	<10	40	40	50	<10	10	70	20	40	90
		FC	<10	10	10	<10	30	<10	<10	10	10	<10	30
		ENT	<10	<10	20	<10	30	<10	<10	<10	40	<10	10
MHH14	Anderson Street Marina	TC	640	220	170	>1160	10	1000	<10	<10	400	600	600
		FC	10	<10	10	100	20	<10	<10	10	<10	<10	<10
		ENT	<10	10	30	80	20	10	10	<10	20	20	<10
BHH05	Anaheim Bay - Gas Dock	TC	38	<10	30	10	40	60	10	70	10	50	70
		FC	<10	<10	20	<10	30	10	<10	10	<10	<10	10
		ENT	<10	<10	10	<10	10	10	30	<10	<10	<10	10
BHH16	Coral Cay Beach	TC	20	<10	20	20	<10	10	40	20	10	<10	50
		FC	<10	<10	<10	<10	<10	<10	20	30	<10	10	40
		ENT	<10	<10	<10	<10	10	10	<10	<10	<10	<10	30

Membrane Filtration/Colony Forming Units started 3/21/01 (MPN & E coli for Fecal Coliform prior)

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

STATION	Location Description		4/9/01	4/16/01	4/23/01	4/30/01	5/6/01	5/14/01	5/21/01	5/31/01	6/4/01	6/11/01	6/18/01
NEWPORT BAY (Upper Bay)			RAIN		RAIN								
BNB24	Newport Dunes - Middle	TC	TNTC	40	5600	60	20	1000	40	10	180	<10	<10
		FC	710	10	120	30	<10	<10	<10	10	20	<10	<10
		ENT	80	30	<10	10	<10	10	<10	20	<10	<10	<10
BNB24	Newport Dunes - West	TC	TNTC	10	6000	50	40	40	30	20	130	<10	20
		FC	760	<10	80	10	<10	40	10	10	30	<10	<10
		ENT	80	20	10	10	<10	10	<10	<10	<10	<10	<10
BNB24	Newport Dunes - East	TC	TNTC	2400	3400	400	30	60	31200	200	110	<10	200
		FC	1390	<10	90	340	20	10	10	<10	20	<10	110
		ENT	90	10	<10	30	10	20	100	10	20	10	10
BNB24	Newport Dunes - North	TC	TNTC	400	12800	7800	30	200	<10	20	100	10	>50
		FC	1000	70	260	5000	<10	<10	10	30	20	<10	20
		ENT	150	<10	<10	20	10	<10	20	<10	<10	10	<10
BNB25	Vaughn's Launch	TC	18400	NS	18800	NS	NS	NS	<10	Cw/C	<10	NS	NS
		FC	500	NS	240	NS	NS	NS	<10	350	<10	NS	NS
		ENT	130	NS	10	NS	NS	NS	40	120	80	NS	NS
BNB26	Ski Zone	TC	1400	NS	15000	NS	NS	NS	10	40	<10	NS	NS
		FC	20	NS	210	NS	NS	NS	<10	<10	10	NS	NS
		ENT	<10	NS	<10	NS	NS	NS	<10	<10	10	NS	NS
BNB28	North Star Beach	TC	Cw/C	160	>25600	60	30	90	20	10	50	20	>10
		FC	1060	70	310	<10	20	<10	10	10	10	10	<10
		ENT	250	<10	10	<10	<10	<10	10	<10	30	<10	<10
BNB30	De Anza	TC	22200	30	1410	80	10	50	20	<10	10	<10	10
		FC	370	<10	20	10	<10	<10	<10	10	10	<10	<10
		ENT	110	<10	<10	<10	10	<10	<10	<10	<10	<10	<10
BNB06	Bayshore Beach	TC	18400	70	>990	580	70	100	20	40	10	>50	>80
		FC	230	330	20	340	<10	30	<10	10	10	90	30
		ENT	70	80	<10	80	20	250	<10	10	10	30	90
NEWPORT BAY TRIBUTARIES													
CNBO	San Diego Creek - Campus Dr.	TC	Cw/C	5200	Cw/C	>8800	>5600	>1800	>20	>220	>3400	>13000	>9000
		FC	3800	90	490	40	60	110	220	110	240	70	50
		ENT	2200	40	200	30	10	10	110	50	70	10	30
CNBSA	Santa Ana Delhi Channel	TC	TNTC	11200	Cw/C	>17400	2800	1800	440	>200	>2600	>800	>19400
		FC	1800	450	550	3200	150	140	880	170	150	280	500
		ENT	540	110	80	600	40	250	750	540	240	420	10
CNBSB	Big Canyon Creek	TC	>18200	920	>7800	>700	4000	NS	840	1800	>2800	>710	NS
		FC	420	180	190	100	40	NS	80	510	80	30	NS
		ENT	220	210	80	40	950	NS	100	130	90	80	NS
CNBND	Backbay Drive Pipe	TC	2200	4800	>800	8000	>11200	1400	5400	7000	>3200	3800	NS
		FC	520	40	30	5000	430	10	170	1510	120	240	NS
		ENT	490	330	50	130	800	140	290	570	240	330	NS
NEWPORT TOWNHILLS			4/11/01	4/19/01	4/25/01	5/2/01	5/9/01	5/16/01	5/23/01	5/31/01	6/6/01	6/13/01	6/20/01
BNS01	Lanoster Street	TC	20	<10	210	1000	1400	20	<10	300	400	2000	>3400
		FC	<10	<10	<10	30	70	<10	30	310	130	20	90
		ENT	<10	19	30	40	90	10	<10	820	60	20	90
BNS02	Grant Street	TC	10	10	20	130	2800	<10	80	50	1200	260	TNTC
		FC	10	<10	10	90	70	10	<10	40	130	30	1200
		ENT	<10	10	40	2200	1580	70	20	180	630	10	600

Membrane Filtration/Colony Forming Units started 3/19/01 (MPN & E. coli for Fecal Coliform prior)

SINGLE SAMPLE STANDARDS:

Total Coliforms - 10,000 organisms per 100 milliliters sample.
 Fecal Coliforms (*E. coli*) - 400 organisms per 100 milliliters sample.
 Enterococci - 104 organisms per 100 milliliters sample.
 Fecal:Total Ratio - >1000 total coliforms if ratio exceeds 0.1.

NS - NOT SAMPLED

LA - LAB ACCIDENT

Cw/C - CONFLUENT GROWTH
 WITH COLIFORMS

**3-DAY LOG MEAN STANDARDS
 (five weekly samples):**

Total Coliforms - 1,000 organisms per 100 milliliters sample.
 Fecal Coliforms (*E. coli*) - 200 organisms per 100 milliliters sample.
 Enterococci - 35 organisms per 100 milliliters sample.

TNTC - TOO NUMEROUS TO
 COUNT

Environmental Health Bay Bacteriological Monitoring Program
Total Coliform (TC) Fecal Coliform, Enterococcus (ENT) Colony Form Units / 100 ml Sample

STATION	Location Description		4/8/01	4/16/01	4/23/01	4/30/01	5/6/01	5/14/01	5/21/01	5/31/01	6/4/01	6/11/01	6/18/01
NEWPORT BAY (Lower Bay)			RAIN		RAIN								
BNB09	43rd Street Beach	TC	550	<10	80	10	21000	90	230	10	8200	Cw/C	>4800
		FC	20	<10	10	<10	250	<10	10	<10	70	20	400
		ENT	30	<10	10	<10	110	<10	<10	10	30	40	40
BNB10	38th Street Beach	TC	2000	20	70	10	170	50	150	80	3600	5800	3200
		FC	80	<10	30	<10	40	10	10	30	100	140	20
		ENT	1000	20	<10	<10	10	<10	50	80	60	70	10
BNB11	33rd Street Channel	TC	TNTC	2800	770	350	80	200	80	3600	600	410	Cw/C
		FC	1810	50	<10	<10	<10	20	30	150	30	60	8200
		ENT	3000	50	<10	100	20	170	<10	230	80	80	1750
BNB32	Lido Yacht Club Beach	TC	TNTC	40	9400	10	10	430	<10	<10	90	50	30
		FC	570	70	100	<10	10	530	20	<10	10	100	20
		ENT	130	<10	<10	<10	<10	<10	30	<10	10	10	10
BNB07	Via Genoa Beach	TC	TNTC	<10	5200	10	80	40	10	10	30	20	280
		FC	850	<10	40	<10	<10	<10	<10	10	10	10	50
		ENT	120	<10	<10	<10	<10	<10	<10	<10	<10	10	30
BNB35	Newport Blvd. Bridge	TC	1800	5400	4400	6800	Cw/C	Cw/C	110	Cw/C	>20800	Cw/C	70
		FC	70	10	70	30	TNTC	7200	30	20000	200	280	<10
		ENT	60	10	<10	80	TNTC	2600	20	1110	430	270	<10
BNB12	Rhine Channel	TC	1800	40	180	310	110	6800	1000	460	180	1800	60
		FC	120	<10	200	180	40	<10	40	80	20	240	10
		ENT	20	<10	100	20	10	180	10	60	<10	60	10
BNB14	19th Street Beach	TC	TNTC	10	9800	10	30	<10	<10	<10	30	20	100
		FC	380	10	100	<10	40	<10	10	<10	20	<10	<10
		ENT	<10	<10	<10	<10	10	<10	<10	<10	10	<10	<10
BNB15	15th Street Beach	TC	TNTC	10	11800	70	10	<10	50	200	70	20	<10
		FC	590	10	180	<10	20	10	20	20	<10	30	20
		ENT	150	<10	<10	10	<10	<10	<10	10	10	<10	<10
BNB17	10th Street Beach	TC	11400	20	18400	30	170	<10	40	30	50	50	60
		FC	90	10	220	<10	210	<10	<10	80	40	10	30
		ENT	20	<10	20	<10	10	<10	<10	<10	<10	<10	20
BNB18	Avalardo Bay Isle Beach	TC	70	30	>2040	10	50	50	50	40	170	180	80
		FC	<10	30	80	<10	<10	20	20	40	130	40	<10
		ENT	<10	90	<10	10	<10	80	10	20	50	<10	10
BNB22	N Street Beach	TC	>17000	<10	10	30	20	20	<10	<10	<10	20	60
		FC	150	<10	<10	40	10	20	<10	10	<10	<10	20
		ENT	10	<10	<10	<10	10	20	<10	50	<10	<10	<10
BNB31	Garnet Avenue Beach	TC	5000	<10	140	50	30	4000	20	40	10	50	<10
		FC	80	<10	10	10	20	830	20	<10	20	10	<10
		ENT	30	<10	<10	<10	<10	20	<10	10	<10	<10	<10
BNB03	Ruby Avenue Beach	TC	6000	<10	200	50	20	10	50	<10	30	120	50
		FC	70	10	40	<10	10	<10	40	<10	10	<10	10
		ENT	<10	<10	<10	<10	10	<10	<10	30	<10	<10	<10
BNB20	Sapphire Avenue Beach	TC	450	<10	80	70	10	10	30	50	180	20	190
		FC	120	10	<10	10	10	10	40	40	30	<10	30
		ENT	20	<10	<10	80	10	40	410	10	40	<10	10
BNB34	Grand Canal	TC	570	30	50	20	40	60	50	40	60	50	70
		FC	40	20	<10	10	10	<10	20	<10	40	20	40
		ENT	20	<10	<10	20	20	20	30	10	10	<10	10
BNB21	Abalone Avenue Beach	TC	220	<10	10	40	<10	<10	20	20	10	<10	90
		FC	<10	<10	<10	<10	10	<10	<10	10	<10	<10	40
		ENT	10	<10	<10	<10	<10	<10	20	10	10	<10	<10
BNB01	Park Avenue Beach	TC	8200	10	110	140	20	<10	90	180	30	140	20
		FC	280	<10	<10	10	<10	<10	20	<10	<10	20	<10
		ENT	100	10	<10	<10	<10	<10	<10	<10	10	<10	<10
BNB02	Onyx Avenue Beach	TC	4000	40	220	190	70	50	80	>50	50	20	>20
		FC	130	10	<10	70	<10	100	10	110	20	20	10
		ENT	150	10	<10	10	<10	170	<10	<10	<10	<10	<10
BNB29	Promontory Point Channel	TC	3800	<10	20	<10	20	10	10	<10	20	<10	<10
		FC	<10	<10	<10	10	20	10	<10	<10	<10	<10	<10
		ENT	80	<10	<10	<10	<10	<10	<10	<10	10	20	<10
BNB33	Harbor Patrol Beach	TC	90	200	10	>10	Cw/C	Cw/C	<10	>20	Cw/C	200	<10
		FC	170	110	30	100	250	30	20	130	300	630	<10
		ENT	410	30	<10	20	40	<10	40	10	160	130	10
BNB23	Rocky Point Beach	TC	20	<10	10	40	<10	10	<10	<10	3200	<10	>30
		FC	20	10	<10	10	<10	20	<10	10	30	10	<10
		ENT	10	<10	<10	<10	10	<10	<10	<10	620	<10	<10

Membrane Filtration/Colony Forming Units started 3/19/01: (MPN & E. coli for Fecal Coliform prior)

Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Colony Forming Units / 100 ml Sample

STATION	Location Description		4/10/01	4/17/01	4/26/01	5/1/01	5/10/01	5/15/01	5/24/01	5/30/01	6/7/01	6/12/01	6/21/01
NEWPORT COAST (Beaches)													
ONB29	Corona Del Mar State Beach	TC	30	40	<10	20	30	<10	10	<10	10	10	10
		FC	<10	<10	10	10	20	10	<10	<10	<10	<10	<10
		ENT	20	200	10	20	50	<10	<10	<10	<10	<10	10
ONB31	Little Corona Beach	TC	40	110	110	30	10	30	<10	80	<10	10	10
		FC	<10	20	80	10	<10	10	<10	20	10	<10	40
		ENT	10	10	50	<10	10	<10	30	20	10	<10	20
ONB38	Pelican Point	TC	<10	50	10	10	<10	<10	30	<10	<10	10	<10
		FC	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
		ENT	<10	<10	10	10	<10	<10	10	<10	<10	<10	<10
ONB39	Crystal Cove	TC	80	100	10	10	40	<10	20	<10	30	<10	140
		FC	40	50	<10	<10	20	10	<10	<10	<10	<10	<10
		ENT	<10	<10	<10	10	<10	<10	<10	<10	<10	<10	<10
ONB43	Muddy Creek	TC	<10	10	<10	<10	<10	10	<10	<10	<10	<10	<10
		FC	<10	<10	<10	<10	10	<10	<10	<10	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	10	<10	<10	<10	<10
ONB45	El Morro Beach	TC	<10	60	<10	50	10	<10	<10	<10	<10	<10	<10
		FC	10	10	<10	<10	<10	<10	<10	<10	<10	10	<10
		ENT	<10	<10	<10	<10	<10	<10	210	<10	<10	<10	<10
NEWPORT COAST (Creeks) - All Creeks Flowing Down													
CNBBG	Buck Gully Creek	TC	3000	>1100	>1650	5600	1200	4400	3600	6400	1000	>2200	10
		FC	150	560	150	290	720	850	700	1280	240	80	420
		ENT	800	480	360	590	340	470	420	740	400	300	250
CNBPP	Pelican Point Creek	TC	7200	>3000	480	>33200	>19800	>11800	13000	>11000	>7000	>17600	Cw/C
		FC	410	1370	290	2600	>1430	830	1740	8800	5800	8800	5000
		ENT	1360	3000	1430	6000	4000	3600	4800	TNTC	2000	6600	7200
CNBPM	Pelican Point Middle Creek	TC	>1200	NS	>100	>4200	>11400	800	11200	11200	>1400	>400	3800
		FC	60	NS	<10	20	1610	470	10	60	150	60	280
		ENT	90	NS	120	80	980	6400	170	100	8200	240	400
CNBPW	Pelican Hill Waterfall	TC	5200	>270	>100	>1800	>5800	1800	2000	590	>400	>230	>690
		FC	190	10	40	<10	3400	<10	70	280	140	10	890
		ENT	680	80	60	100	6600	30	430	690	390	90	840
CNBCC	Crystal Cove Creek	TC	5900	3000	11200	>9800	>7400	6200	520	8800	>18800	>12800	>19800
		FC	300	600	420	530	610	1800	130	2800	3600	1600	390
		ENT	1670	290	1830	2600	3200	1200	320	3600	800	2400	4200
CNBCU	Crystal Cove Upstream	TC	>3000	28500	>320	>5400	5200	3400	1340	5200	>7600	>7800	5600
		FC	330	5800	380	600	260	280	1300	<10	960	700	670
		ENT	780	580	1300	1390	1190	1080	870	1200	1000	2000	670
CNBMC	Muddy Creek	TC	>4600	6600	2800	>1600	Cw/C	>400	<10	>40	>1000	TNTC	Cw/C
		FC	570	100	540	40	<10	<10	10	40	240	10	3800
		ENT	640	300	180	90	220	110	90	120	1400	400	1200
CNB45	El Morro Creek	TC	410	7800	>11400	>23600	13200	14800	13000	26000	>14200	TNTC	6800
		FC	10	230	110	200	90	80	50	100	380	40	130
		ENT	80	290	570	510	390	460	550	300	760	1000	300
CNBEU	El Morro Creek Upstream	TC	2400	>840	>1000	10800	5400	2600	18000	4800	1200	>7200	6000
		FC	20	<10	40	10	<10	10	180	40	130	110	300
		ENT	100	110	260	120	170	230	180	120	180	320	250
Laguna Beach (Beaches)													
OLB10	Emerald Bay	TC	20	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
		FC	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
OLB05	Crescent Bay Beach	TC	30	<10	<10	<10	<10	<10	<10	<10	<10	10	10
		FC	<10	20	<10	<10	<10	<10	<10	<10	<10	<10	10
		ENT	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10
OLB00	Laguna Main Beach	TC	10	170	60	<10	10	10	<10	<10	10	20	<10
		FC	<10	40	20	<10	<10	<10	<10	<10	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10
JSL12	Treasure Island Pier (construction on site - no access)	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
Laguna Beach (Creeks) - All Creeks Flowing Down													
LBEB	Emerald Bay Drain	TC	>18600	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	32000	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	12400	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BBC	Broadway Creek	TC	4000	5400	Cw/C	Cw/C	Cw/C	NS	800	Cw/C	NS	Cw/C	Cw/C
		FC	700	1800	5200	2400	310	NS	80	6600	NS	6800	TNTC
		ENT	2400	380	1420	4800	370	NS	<10	1210	NS	1800	9400

NS - NOT SAMPLED

Membrane Filtration/Colony Forming Units started 3/20/01 (MPN & E. coli for Fecal Coliform prior)

San Diego Agency / Environmental Health Ocean Bacteriological Monitoring Program
Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Colony Forming Units / 100 ml Sample

STATION	Location Description		4/10/01	4/17/01	4/24/01	5/1/01	5/8/01	5/16/01	5/22/01	5/30/01	6/5/01	6/12/01	6/19/01
DANA POINT BEACHES - ALL BEACHES FLOWING UNDER													
DBL25	Monaroh Beach	TC	140	550	510	30	200	10	180	<10	140	<10	800
	(North of Salt Creek)	FC	30	10	200	20	30	<10	50	200	<10	<10	70
		ENT	40	20	30	10	70	30	<10	30	30	<10	30
OSL23	Monaroh Beach	TC	350	10	10	180	<10	100	20	280	120	140	>10
	(South of Salt Creek)	FC	20	<10	<10	20	<10	50	<10	60	40	40	<10
		ENT	60	<10	<10	20	<10	<10	60	30	20	40	
ODB02	North Beach - Doheny	TC	100	550	350	13000	>80	40	180	>100	TNTC	>30	200
		FC	30	230	30	3400	30	80	130	210	800	10	70
		ENT	10	130	40	810	130	100	180	140	200	220	190
CDB04	Doheny Beach	TC	380	40	70	60	340	20	30	410	600	90	200
	(North of San Juan Creek)	FC	100	10	<10	90	240	<10	<10	270	170	20	20
		ENT	280	30	20	30	70	200	40	250	210	400	70
ODB05	Doheny Beach	TC	250	320	440	280	180	<10	20	180	140	1300	40
	(South of San Juan Creek)	FC	160	300	180	110	80	40	<10	50	20	800	20
		ENT	250	100	290	40	100	40	50	40	20	350	60
DANA POINT HARBOR - ALL CREEKS FLOWING UNDER													
CSL8C	Salt Creek	TC	>12400	TNTC	>25500	11800	10400	9600	18000	20600	>8200	>12200	>10800
		FC	2600	3400	1800	2200	3800	1800	400	5600	1200	1800	1800
		ENT	3800	2600	1880	2200	2800	2800	3200	8800	2200	1000	4200
COBNC	North Beach Creek	TC	TNTC	TNTC	TNTC	80	Cw/C	>22800	Cw/C	10500	>400	>18000	>6000
		FC	980	>1500	3400	40	2200	14000	3000	1300	220	3000	400
		ENT	840	>1750	11800	80	1040	10000	340	260	340	680	140
CSJC1/C-1	San Juan Creek Mouth	TC	7200	10000	>9200	23200	TNTC	>14000	4600	9800	>5200	>38000	>18400
		FC	3600	4200	1770	13200	24200	7400	100	260	2200	18400	11200
		ENT	6800	>1500	990	5600	8000	3400	270	120	700	300	5000
CSJC2/C-2	Upper San Juan Creek	TC	210	>11000	>1700	>870	4600	>22000	>7200	380	1000	>750	Cw/C
		FC	50	50	1040	590	3200	15000	800	180	270	120	TNTC
		ENT	50	150	1250	60	5800	8800	13000	290	220	170	19200
DANA POINT HARBOR (IN HARBOR)													
BDP12	West End - Baby Beach	TC	40	<20	130	180	40	10	90	>210	80	400	>40
		FC	20	110	120	100	30	20	60	1000	80	140	100
		ENT	20	20	120	30	70	<10	<10	180	50	40	30
BDP13	Buoy Line - Baby Beach	TC	80	330	80	580	10	10	30	310	100	20	200
		FC	20	310	90	370	40	20	10	260	30	30	170
		ENT	50	30	70	320	<10	20	20	110	10	90	170
BPD14	Swim Area - Baby Beach	TC	30	300	100	90	30	10	80	290	60	>30	>40
		FC	30	180	40	40	<10	20	40	130	30	20	80
		ENT	40	50	10	<10	90	20	170	120	20	10	80
BDP15	East End - Baby Beach	TC	50	220	70	140	>50	<10	30	300	TNTC	200	>10
		FC	20	80	10	140	50	20	10	60	400	30	10
		ENT	30	40	30	20	100	<10	40	60	220	20	90
DP08	Pier	TC	80	110	60	230	80	<10	40	380	20	30	400
		FC	<10	<10	20	370	10	<10	<10	200	10	10	10
		ENT	30	<10	30	10	20	20	<10	130	<10	10	10
DP16	Pilgrim Dock	TC	80	100	350	20	10	10	60	9400	40	<10	10
		FC	10	30	<10	60	<10	<10	10	20	10	10	<10
		ENT	<10	<10	30	10	<10	<10	<10	<10	10	<10	<10
DP11	Guest Dock - End	TC	<10	50	30	10	10	20	30	220	210	<10	10
	(West Basin)	FC	10	30	10	<10	<10	20	10	130	10	<10	<10
		ENT	30	20	10	20	<10	20	<10	100	<10	<10	<10
DP09	Harbor Entrance	TC	10	20	<10	<10	<10	20	10	230	<10	<10	<10
		FC	20	20	<10	<10	<10	<10	<10	190	<10	<10	10
		ENT	<10	<10	<10	<10	<10	<10	<10	60	<10	<10	10
DP10	Harbor Patrol Dock	TC	80	10	10	50	210	10	150	280	190	20	120
	(East Basin)	FC	<10	<10	10	20	10	20	20	20	<10	<10	10
		ENT	<10	20	<10	<10	20	<10	10	10	<10	30	10
DP17	Youth Dock	TC	50	40	320	30	60	10	440	100	50	<10	210
		FC	<10	20	<10	<10	<10	<10	20	<10	<10	<10	20
		ENT	30	<10	<10	<10	10	<10	<10	<10	20	<10	20
DP07	Fuel Dock	TC	20	10	10	<10	220	20	20	60	10	20	10
		FC	30	10	<10	<10	150	10	30	<10	<10	<10	<10
		ENT	20	10	<10	<10	<10	<10	20	20	<10	<10	<10

NS - NOT SAMPLED

Membrane Filtration Started 3/20/01 (MPN & E. coli for Fecal Coliform prior)

Great Ocean Monitoring Program
Total Coliform (TC), Fecal Coliform (FC) Most Probable Number / 100 ml Sample
Enterococcus (ENT) Colony Forming Units / 100 ml Sample

STATION	Location Description		6/6/01	6/7/01	6/8/01	6/11/01	6/12/01	6/13/01	6/14/01	6/16/01	6/18/01	6/22/01	
HUNTINGTON BEACH (surfzone)												HCA	HCA
OHB39 / 39N	Bolsa Chica Beach	TC	<20	<20	<20	<20	<20	<20	20	20	<10	<10	
		FC	<20	<20	<20	<20	<20	<20	<20	20	<10	200	
		ENT	<2	2	<2	2	<2	<2	4	2	<10	20	
OHB33 / 33N	Bolsa Chica Reserve	TC	<20	<20	80	<20	20	<20	<20	<20	20	10	
		FC	<20	<20	80	<20	20	<20	<20	<20	<10	10	
		ENT	<2	10	12	2	12	<2	2	2	20	10	
OHB27 / 27N	Bluffs	TC	<20	20	<20	<20	<20	<20	<20	40	10	<10	
		FC	<20	<20	<20	<20	<20	<20	<20	20	<10	10	
		ENT	2	<2	2	<2	<2	<2	<2	3	100	<10	
OHB21 / 21N	17th Street	TC	<20	300	20	<20	<20	<20	<20	<20	>40	10	
		FC	<20	300	<20	<20	<20	<20	<20	<20	<10	10	
		ENT	2	<2	8	2	<2	<2	<2	2	30	10	
O-B15 / 15N	Jacks Snack Bar	TC	20	20	20	<20	<20	<20	<20	40	>40	470	
		FC	20	20	<20	<20	<20	<20	<20	40	30	370	
		ENT	4	4	10	<2	2	10	<2	<2	100	780	
OHB09 / 9N	SCE Plant	TC	300	130	40	20	<20	20	170	40	430	540	
		FC	300	130	40	20	<20	<20	170	40	240	550	
		ENT	18	8	10	6	2	8	<2	8	250	930	
OHB06 / 6N	Magnolia Street	TC	800	3000	<20	130	40	70	20	220	30	50	
		FC	800	3000	<20	30	40	20	20	220	60	10	
		ENT	14	28	8	4	10	24	2	20	20	10	
OHB03 / 3N	Brookhurst	TC	230	40	40	110	80	40	<20	<20	<10	40	
		FC	230	40	20	70	40	40	<20	<20	<10	<10	
		ENT	<2	8	<2	16	8	4	<2	<2	30	20	
OHB00 / 0	Santa Ana River Mouth	TC	40	40	40	<20	40	20	<20	<20	10	10	
		FC	20	40	40	<20	20	20	<20	<20	10	<10	
		ENT	4	8	8	18	10	4	<2	<2	30	<10	
LEWISPORT BEACH (surfzone)													
LB03 / 3S	Orange Street	TC	<20	20	<20	<20	20	20	<20	<20	<10	<10	
		FC	<20	20	<20	<20	20	20	<20	<20	<10	<10	
		ENT	<2	2	<2	20	2	2	<2	4	<10	10	
LB08 / 8S	52nd/53rd Street	TC	20	<20	<20	40	20	20	<20	<20	<10	>20	
		FC	20	<20	<20	40	20	20	<20	<20	<10	10	
		ENT	<2	<2	<2	4	4	2	<2	<2	<10	10	
LB09 / 9S	38th Street	TC	20	<20	20	80	40	20	<20	<20	<10	<10	
		FC	20	<20	20	40	20	20	<20	<20	<10	10	
		ENT	4	<2	<2	<2	5	<2	<2	<2	<10	<10	
LB*5 / 15S	15th/16th Street	TC	<20	20	<20	20	<20	<20	20	<20	20	30	
		FC	<20	<20	<20	20	<20	<20	20	<20	<10	<10	
		ENT	<2	2	<2	4	8	<2	<2	<2	10	<10	
LB21 / 21S	Balboa Pier	TC	20	<20	110	20	<20	20	<20	20	20	<10	
		FC	<20	<20	110	20	<20	20	<20	20	20	20	
		ENT	2	<2	8	<2	42	2	<2	<2	10	<10	
LB27 / 27S	The Wedge	TC	<20	<20	<20	<20	40	<20	20	20	10	10	
		FC	<20	<20	<20	<20	40	<20	20	<20	<10	<10	
		ENT	4	<2	<2	<2	8	<2	<2	<2	<10	<10	
LB29 / 29S	Corona Del Mar Beach	TC	20	20	20	40	20	<20	<20	<20	<10	<10	
		FC	<20	20	<20	<20	20	<20	<20	<20	10	<10	
		ENT	10	2	2	<2	<2	<2	2	2	10	40	
LB39 / 39S	Crystal Cove	TC	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	
		FC	<20	<20	<20	<20	<20	<20	<20	<20	<10	<10	
		ENT	<2	<2	<2	<2	<2	<2	<2	<2	<10	<10	

EVENTS: R: Samples influenced by rain.

NS: Samples not taken

S: Samples influenced by Santa Ana River or D2 Flood Control Channel.

STATION	Location Description		5/24/01	5/28/01	5/30/01	6/4/01	6/5/01	6/11/01	6/12/01	6/18/01	6/21/01
LAGUNA BEACH (surfzone)											
OL516 / S16	Hotel Laguna	TC	52	490	3	10	74	8	8	50	48
		FC	23	2	<2	23	8	8	8	<10	14
		ENT	88	8	2	18	12	20	8	<10	8
OLB15 / S15	Projection of Bluebird Canyon	TC	4	180	<2	32	13	7	5	8	12
		FC	<2	22	<2	10	2	2	<2	2	15
		ENT	<2	10	4	12	2	2	<2	<2	<2
OLB14 / S14	Victoria Beach	TC	Cw/C	12	<2	8	2	16	4	10	42
		FC	18	2	<2	8	2	2	2	<10	4
		ENT	28	2	50	2	<2	<2	2	<10	6
OLB13 / S13	Blue Lagoon	TC	8	4	<2	4	46	2	8	<10	<2
		FC	<2	2	<2	4	<2	2	<2	<10	<2
		ENT	2	<2	2	2	<2	<2	<2	20	4
ALISO BEACH (surfzone)											
OSL12 / S12	Treasure Island Pier	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	(construction on site -	FC	NS	NS	NS	NS	NS	NS	NS	NS	NS
	no access)	ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS
OSL11 / S11	Treasure Island Sign	TC	110	180	10	80	24	28	4	<10	14
		FC	8	7	<10	<2	2	6	2	<10	2
		ENT	8	13	<10	5	2	8	<2	<10	4
OSL10 / S10	Aliso-North	TC	210	7400	130	550	590	130	250	80	47
		FC	25	570	30	40	70	62	110	40	48
		ENT	18	100	<10	30	22	38	25	<10	32
OSL09 / S09	Aliso-Middle	TC	16	80	18	310	5	23	20	<10	8
		FC	6	15	<2	23	2	4	10	<10	2
		ENT	10	8	<2	20	8	8	4	<10	8
OSL08 / S08	Aliso-South	TC	<2	12	12	130	2	6	2	30	2
		FC	<2	<2	4	20	2	6	4	10	2
		ENT	<2	<2	4	12	<2	2	8	<10	<2
OSL07 / S07	Camel Point	TC	4	28	<2	8	<2	16	4	<10	<2
		FC	2	4	<2	<2	<2	2	<2	<10	2
		ENT	4	8	<2	8	<2	<2	6	<10	<2
OSL06 / S06	Table Rock	TC	2	28	2	4	6	8	10	<10	2
		FC	4	2	2	<2	6	2	2	<10	<2
		ENT	<2	<2	2	<2	6	<2	<2	<10	<2
OSL05 / S05	Laguna Lido Apt.	TC	8	2	<2	4	6	380	3	<10	<2
		FC	<2	2	<2	4	<2	250	<2	<10	2
		ENT	2	<2	<2	2	<2	8	<2	<10	<2
OSL04 / S04	9th St. 1000 Steps Beach	TC	52	4	<2	2	4	16	8	10	<2
		FC	2	2	<2	<2	4	8	8	<10	<2
		ENT	4	<2	<2	<2	2	6	<2	<10	2
OSL03 / S03	Three Arch Bay	TC	22	8	4	8	<2	140	230	2	2
		FC	5	2	2	4	<2	14	13	<2	2
		ENT	4	2	<2	6	<2	20	20	<2	<2
ALISO CREEK											
ABAC / C1	Aliso Creek Mouth	TC	2300	11000	2100	5100	3800	500	2500	1300	480
		FC	70	580	140	210	210	180	250	130	330
		ENT	400	530	110	60	90	130	73	10	120
ANA POINT (surfzone)											
SL02 / S02	Salt Creek Beach	TC	28	66	8	110	160	120	200	10	6
		FC	<2	10	<2	15	8	23	17	<10	4
		ENT	2	8	<2	26	5	15	16	<10	<2
S01	Dana Strand Beach	TC	40	60	2	18	10	16	15	10	8
		FC	12	<2	<2	6	<2	16	<2	<10	2
		ENT	8	4	<2	<2	<2	22	4	<10	<2



COUNTY OF ORANGE HEALTH CARE AGENCY

REGULATORY HEALTH SERVICES ENVIRONMENTAL HEALTH

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PLEASE DISTRIBUTE THE FOLLOWING MONITORING DATA TO THE APPROPRIATE RECIPIENT:

- ⇒ MARK BABSKI, Surfrider Foundation – National *via E-MAIL
- ⇒ BRAD BARKER, Parks & Recreation Dept., State of California (Doheny)
- ⇒ CHRIS CROMPTON, Public Facilities & Resources Dept., County of Orange
- ⇒ CAPT. STEVE CUSHMAN, Lifeguard Dept., City of Seal Beach *via E-MAIL
- ⇒ PAT DAPKUS, Administrative Services Dept., City of Huntington Beach *via E-MAIL
- ⇒ MIKE EATON, Parks & Recreation Dept., State of California (Crystal Cove) *via E-MAIL
- ⇒ JOHN R. FOX, General Manager, Emerald Bay Service District
- ⇒ KELLY FRENCH, Surfrider Foundation *via MAIL
- ⇒ NANCY GARDNER, Surfrider Foundation – Newport *via MAIL
- ⇒ EVELYN HART, Newport Beach *via MAIL
- ⇒ CAPT. LYNN HUGHES, Marine Safety, City of San Clemente
- ⇒ CHIEF MARK KLOSTERMAN, City of Laguna Beach Marine Safety *via E-MAIL
- ⇒ GREGG LANGLOIS, Shellfish Program, State Department of Health Services
- ⇒ STEVEN MAY, City Engineer, Laguna Beach *via E-MAIL
- ⇒ TONY MELUM, Marine Safety, City of Newport Beach
- ⇒ JOE MILLIGAN, Parks & Recreation Dept., State of California, (Huntington & Bolsa Chica)
- ⇒ DOUG MOORE, Public Health Laboratory, County of Orange
- ⇒ CHRISTIAN MORRIS-SMITH, Surfrider Foundation – Laguna Beach *via MAIL
- ⇒ DON RUSSELL, Capistrano Bay Community Services District *via E-MAIL
- ⇒ CHIEF STEVE SEIM, Marine Safety Division, City of Huntington Beach
- ⇒ KEN THEISEN, Santa Ana Regional Water Quality Control Board
- ⇒ ANDREW THEODOROU, Newport Dunes
- ⇒ MICHAEL TOPE, Parks & Recreation Dept., State of California (San Clemente)
- ⇒ BILLY WHITFORD, Newport Aquatic Center *via MAIL

Documents Transmitted: Bacteriological Monitoring Data

Comments: For your information. This is also available via E-Mail. Contact Monica Mazur for further details.

From: Monica Mazur (714) 667-3751

This Information Sheet plus 8 Page(s)

Date Sent: 7/19/01

Time Sent p.m.

If you do not receive all the pages, please call (714) 667-3751 as soon as possible to request a retransmission.

FAX Operator: mm

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

STATION	Location Description		5/2/01	5/7/01	5/18/01	5/23/01	5/31/01	6/6/01	6/13/01	6/20/01	6/27/01	7/3/01	7/11/01
IN GABRIEL RIVER													
OSGRM	SGR - Marina Drive	TC	190	80	800	140	1000	100	200	>10	>40	230	>180
		FC	20	20	80	50	120	30	<10	<10	<10	200	40
		ENT	10	10	10	<10	10	20	<10	<10	<10	20	<10
OSGR1	1st Street Parking Lot	TC	800	200	400	200	400	10	200	<10	>30	60	200
		FC	10	50	30	70	50	70	20	50	20	190	30
		ENT	60	20	<10	390	40	20	20	310	<10	170	<10
EAL BEACH (surfzone)													
OSB02	Projection of 1st Street	TC	100	200	>130	<10	>10	20	<10	40	<10	60	140
		FC	40	10	30	80	<10	20	40	40	60	50	10
		ENT	<10	10	<10	80	10	50	<10	50	10	40	10
OSB03	Projection of 8th Street	TC	70	10	40	20	50	<10	200	40	>20	100	200
		FC	60	10	10	30	50	20	20	70	50	50	80
		ENT	10	<10	<10	<10	<10	<10	<10	10	20	10	10
OSB04	Projection of 14th Street	TC	<10	10	20	<10	10	<10	<10	10	<10	30	10
		FC	<10	<10	<10	<10	<10	<10	<10	30	10	10	10
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	10	<10
OSB01	Projection of Sea Way	TC	<10	<10	<10	40	<10	<10	<10	<10	<10	10	<10
		FC	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
SUNSET BEACH (surfzone)													
OSUB1	Projection of Broadway	TC	<10	<10	<10	10	<10	<10	<10	20	<10	10	<10
		FC	<10	<10	<10	<10	<10	<10	<10	10	<10	<10	<10
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
HUNTINGTON HARBOUR (In Harbour)													
BHH08	Boisa Bay	TC	50	120	20	90	<10	<10	40	40	20	40	40
		FC	20	<10	<10	<10	<10	<10	20	10	20	20	20
		ENT	<10	10	<10	<10	<10	<10	<10	<10	10	<10	10
MHH07	Sunset Aquatic Marina	TC	200	20	100	100	40	1400	40	30	90	10	1400
		FC	60	<10	20	30	30	490	10	30	170	10	430
		ENT	50	<10	10	<10	<10	80	10	10	30	<10	20
BHH15	Mother's Beach	TC	200	<10	<10	10	10	20	20	20	>50	1000	100
		FC	10	<10	10	40	<10	10	10	20	<10	760	40
		ENT	10	<10	10	30	<10	30	<10	100	20	20	20
BHH12	Trinidad Lane Beach	TC	30	200	30	70	<10	30	20	40	40	10	300
		FC	<10	10	<10	<10	200	<10	<10	20	10	10	30
		ENT	90	<10	350	10	<10	20	10	10	<10	10	30
BHH09	Sea Gate	TC	80	<10	>50	20	<10	<10	>10	90	10	10	10
		FC	40	<10	30	10	<10	<10	<10	<10	<10	<10	10
		ENT	10	420	<10	10	<10	<10	10	<10	<10	<10	<10
BH-06	Humboldt Beach	TC	10	100	30	220	<10	40	2600	70	20	<10	200
		FC	<10	<10	10	<10	10	50	780	30	<10	10	>70
		ENT	30	20	20	30	<10	30	10	<10	<10	<10	40
MHH10	Davenport Beach	TC	20	20	<10	110	30	220	>20	140	40	20	50
		FC	<10	20	10	20	<10	20	30	<10	10	10	<10
		ENT	<10	<10	<10	10	10	50	<10	<10	<10	<10	<10
MHH01	Clubhouse Marina	TC	830	220	40	180	<10	>4400	<10	570	10	<10	30
		FC	780	20	10	40	40	6600	10	870	<10	<10	<10
		ENT	760	<10	10	40	<10	990	<10	<10	10	<10	10
BHH13	Harbour Channel	TC	<10	240	30	10	210	<10	<10	<10	210	450	280
		FC	<10	40	40	10	30	<10	<10	<10	10	10	10
		ENT	<10	10	10	10	30	10	<10	<10	300	40	100
BHH04	11th Street Beach	TC	50	10	<10	40	30	10	<10	200	10	190	30
		FC	10	<10	<10	<10	60	20	20	20	<10	180	20
		ENT	30	10	20	<10	200	<10	<10	10	<10	<10	10
BHH11	Admiralty Drive	TC	40	50	<10	10	70	20	40	90	<10	10	310
		FC	<10	30	<10	<10	10	10	<10	30	10	20	80
		ENT	<10	30	<10	20	<10	40	<10	10	<10	<10	10
MHH14	Anderson Street Marina	TC	>1160	10	1000	<10	<10	400	600	600	130	<10	1200
		FC	100	20	<10	<10	10	<10	<10	<10	90	30	120
		ENT	60	20	10	10	<10	20	20	<10	10	<10	140
BHH05	Anaheim Bay - Gas Dock	TC	10	40	60	10	70	10	50	70	30	30	220
		FC	<10	30	10	<10	10	<10	<10	10	10	40	60
		ENT	<10	10	10	30	<10	<10	<10	10	40	90	80
BHH16	Coral Cay Beach	TC	20	<10	10	40	20	10	<10	50	10	20	50
		FC	<10	<10	<10	20	30	<10	10	40	<10	<10	<10
		ENT	<10	10	10	10	<10	<10	<10	30	<10	<10	<10

Membrane Filtration/Colony Forming Units started 3/21/01 (MPN & E. coli for Fecal Coliform prior)

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

STATION	Location Description		5/9/01	5/14/01	5/21/01	5/31/01	6/4/01	6/11/01	6/18/01	6/25/01	7/2/01	7/9/01
NEWPORT BAY (Upper Bay)												
BNB24	Newport Dunes - Middle	TC	20	1000	40	10	180	<10	<10	>10	20	100
		FC	<10	<10	<10	10	20	<10	<10	<10	<10	10
		ENT	<10	10	<10	20	<10	<10	<10	<10	10	<10
BNB24	Newport Dunes - West	TC	40	40	30	20	130	<10	20	30	200	150
		FC	<10	40	10	10	30	<10	<10	20	10	110
		ENT	<10	10	<10	<10	<10	<10	<10	<10	<10	<10
BNB24	Newport Dunes - East	TC	30	80	31200	200	110	<10	200	130	100	10600
		FC	20	10	10	<10	20	<10	110	130	<10	50
		ENT	10	20	100	10	20	10	10	<10	20	<10
BNB24	Newport Dunes - North	TC	30	200	<10	20	100	10	>50	<10	<10	TNTC
		FC	<10	<10	10	30	20	<10	20	<10	20	560
		ENT	10	<10	20	<10	<10	10	<10	<10	<10	70
BNB25	Vaughn's Launch	TC	NS	NS	<10	Cw/C	<10	NS	NS	NS	NS	NS
		FC	NS	NS	<10	350	<10	NS	NS	NS	NS	NS
		ENT	NS	NS	40	120	80	NS	NS	NS	NS	NS
BNB26	Ski Zone	TC	NS	NS	10	40	<10	NS	NS	NS	NS	NS
		FC	NS	NS	<10	<10	10	NS	NS	NS	NS	NS
		ENT	NS	NS	<10	<10	10	NS	NS	NS	NS	NS
BNB28	North Star Beach	TC	30	30	20	10	50	20	>10	80	20	100
		FC	20	<10	10	10	10	10	<10	<10	<10	10
		ENT	<10	<10	10	<10	30	<10	<10	<10	<10	<10
BNB30	De Anza	TC	10	50	20	<10	10	<10	10	80	60	60
		FC	<10	<10	<10	10	10	<10	<10	<10	10	<10
		ENT	10	<10	<10	<10	<10	<10	<10	<10	<10	10
BNB05	Bayshore Beach	TC	70	100	20	40	10	>50	>50	50	200	10
		FC	<10	30	<10	10	10	90	30	20	50	<10
		ENT	20	250	<10	10	10	30	90	<10	30	<10
NEWPORT BAY TRIBUTARIES												
CNBCD	San Diego Creek - Campus Dr.	TC	>5600	>1800	>20	>220	>3400	>13000	>9000	>6400	>4800	>2400
		FC	60	110	220	110	240	70	30	10	330	>50
		ENT	10	10	110	60	70	10	30	40	100	120
CNBSA	Santa Ana Delhi Channel	TC	2800	1800	440	>200	>2600	>900	>18400	>560	>4000	TNTC
		FC	160	140	880	170	130	280	500	>220	1000	6600
		ENT	40	250	750	540	240	420	10	570	30	70
CNBBC	Big Canyon Creek	TC	4000	NS	840	1800	>2800	>710	NS	>730	NS	>1280
		FC	40	NS	60	510	50	30	NS	160	NS	250
		ENT	350	NS	100	130	90	80	NS	180	NS	320
CNBND	Backbay Drive Pipe	TC	>11200	1400	5400	7000	>6200	3800	NS	NS	>13000	>13200
		FC	450	10	170	1310	120	240	NS	NS	3200	2400
		ENT	800	140	290	570	240	330	NS	NS	210	6200
NEWPORT SLOUGH												
BNS01	Lancaster Street	TC	1400	20	<10	300	400	2000	>5400	2200	2600	100
		FC	70	<10	30	310	130	20	90	<10	630	10
		ENT	80	10	<10	820	60	20	90	10	160	<10
BNS02	Grant Street	TC	2800	<10	80	50	1200	260	TNTC	400	10	100
		FC	70	10	<10	40	130	30	1200	540	10	90
		ENT	1550	70	20	180	630	10	900	20	<10	60

Membrane Filtration/Colony Forming Units started 3/18/01 (MPN & E. coli for Fecal Coliform prior)

SINGLE SAMPLE STANDARDS:

Total Coliforms - 10,000 organisms per 100 milliliters sample.
 Fecal Coliforms (E. coli) - 400 organisms per 100 milliliters sample.
 Enterococci - 104 organisms per 100 milliliters sample.
 Fecal:Total Ratio - >1000 total coliforms if ratio exceeds 0.1.

NS - NOT SAMPLED
 LA - LAB ACCIDENT

Cw/C - CONFLUENT GROWTH
 WITH COLIFORMS

30-DAY LOG MEAN STANDARDS
 (of five weekly samples):

Total Coliforms - 1,000 organisms per 100 milliliters sample.
 Fecal Coliforms (E. coli) - 200 organisms per 100 milliliters sample.
 Enterococci - 35 organisms per 100 milliliters sample.

TNTC - TOO NUMEROUS TO
 COUNT

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

TATION	Location Description		5/9/01	5/14/01	5/21/01	5/31/01	6/4/01	6/11/01	6/18/01	6/25/01	7/2/01	7/9/01
NEWPORT BAY (Lower Bay)												
BNB09	43rd Street Beach	TC	21000	90	230	10	6200	Cw/C	>4500	10	620	11200
		FC	250	<10	10	<10	70	120	400	<10	10	720
		ENT	110	<10	<10	10	30	40	40	<10	<10	100
BNB10	39th Street Beach	TC	170	50	130	30	3600	5800	3200	650	200	360
		FC	40	10	10	30	100	140	20	20	20	50
		ENT	10	<10	50	50	50	70	10	<10	70	70
BNB11	33rd Street Channel	TC	80	200	80	3600	600	410	Cw/C	50	3200	TNTC
		FC	<10	20	30	150	30	80	5200	10	220	6800
		ENT	20	170	<10	290	80	80	1700	<10	20	8800
BNB32	Lido Yacht Club Beach	TC	10	430	<10	<10	90	50	30	>580	>30	60
		FC	10	530	20	<10	10	100	20	940	30	10
		ENT	<10	<10	30	<10	10	10	10	20	10	20
BNB07	Via Genoa Beach	TC	80	40	10	10	30	20	200	10	>40	510
		FC	<10	<10	<10	10	10	10	50	<10	<10	10
		ENT	<10	<10	<10	<10	<10	10	30	<10	<10	<10
BNB35	Newport Blvd. Bridge	TC	Cw/C	Cw/C	110	Cw/C	>20800	Cw/C	70	32600	220	6200
		FC	TNTC	7200	30	20000	200	260	<10	30	<10	400
		ENT	TNTC	2600	20	1110	430	270	<10	10	<10	290
BNB12	Rhine Channel	TC	110	6800	1000	460	180	1800	60	590	200	530
		FC	40	<10	40	90	20	240	10	180	80	40
		ENT	10	160	10	50	<10	80	10	40	<10	10
BNB14	19th Street Beach	TC	30	<10	<10	<10	30	20	100	<10	400	1300
		FC	40	<10	10	<10	20	<10	<10	<10	420	1520
		ENT	10	<10	<10	<10	10	<10	<10	10	810	300
BNB15	15th Street Beach	TC	10	<10	50	200	70	20	<10	40	220	20
		FC	20	10	20	20	<10	30	20	<10	200	10
		ENT	<10	<10	<10	10	10	<10	<10	<10	10	10
BNB17	10th Street Beach	TC	170	<10	40	30	50	50	50	<10	<10	20
		FC	210	<10	<10	60	40	10	30	30	<10	10
		ENT	10	<10	<10	<10	<10	<10	20	<10	<10	<10
BNB18	Alvarado/ Bay Isle Beach	TC	50	50	50	40	170	180	80	50	30	29400
		FC	<10	20	20	40	130	40	<10	20	10	12400
		ENT	<10	60	10	20	50	<10	10	10	20	20
BNB22	N Street Beach	TC	20	20	<10	<10	<10	20	60	10	400	90
		FC	10	20	<10	10	<10	<10	20	10	170	20
		ENT	10	20	<10	50	<10	<10	<10	<10	<10	10
BNB31	Garnet Avenue Beach	TC	30	4000	20	40	10	30	<10	80	50	70
		FC	20	630	20	<10	20	10	<10	60	30	20
		ENT	<10	20	<10	10	<10	<10	<10	20	10	<10
BNB03	Ruby Avenue Beach	TC	20	10	50	<10	30	120	50	10	40	<10
		FC	10	<10	40	<10	10	<10	10	<10	<10	30
		ENT	10	<10	<10	30	<10	<10	<10	<10	10	10
BNB20	Sapphire Avenue Beach	TC	10	10	30	60	190	20	190	30	30	80
		FC	10	10	40	40	80	<10	30	20	30	10
		ENT	10	40	410	10	40	<10	10	<10	<10	150
BNB34	Grand Canal	TC	40	60	50	40	50	50	70	1750	90	20
		FC	10	<10	20	<10	40	20	40	1500	20	20
		ENT	20	20	30	10	10	<10	10	20	<10	<10
BNB21	Abalone Avenue Beach	TC	<10	<10	20	20	10	<10	90	10	2200	<10
		FC	10	<10	<10	10	<10	<10	40	<10	1100	10
		ENT	<10	<10	20	10	10	<10	<10	<10	390	<10
BNB01	Park Avenue Beach	TC	20	<10	90	130	50	140	20	30	70	160
		FC	<10	<10	20	<10	<10	20	<10	10	10	<10
		ENT	<10	<10	<10	<10	10	<10	<10	<10	<10	10
BNB02	Onyx Avenue Beach	TC	70	50	80	>50	50	20	>20	10	<10	80
		FC	<10	100	10	110	20	20	10	<10	10	70
		ENT	<10	170	<10	<10	<10	<10	<10	10	<10	150
BNB29	Promontory Point Channel	TC	20	10	<10	<10	20	<10	<10	<10	<10	<10
		FC	20	10	<10	<10	<10	<10	<10	<10	<10	<10
		ENT	<10	<10	<10	<10	10	20	<10	<10	<10	<10
BNB33	Harbor Patrol Beach	TC	Cw/C	Cw/C	<10	>20	Cw/C	200	<10	<10	>30	40
		FC	250	30	20	130	300	530	<10	60	50	10
		ENT	40	<10	40	10	150	130	10	<10	30	<10
BNB23	Rocky Point Beach	TC	<10	10	<10	<10	3200	<10	>30	<10	<10	>70
		FC	<10	20	<10	10	30	10	<10	10	10	<10
		ENT	10	<10	<10	<10	620	<10	<10	<10	<10	40

Membrane Filtration/Colony Forming Units started 3/19/01 (MPN & E. coli for Fecal Coliform prior)

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

TATION			Location Description		5/10/01	5/16/01	5/24/01	5/30/01	6/7/01	6/12/01	6/21/01	6/26/01	7/3/01	7/12/01
WINDY COAST (Surf Zone)														
ONB29	Corona Del Mar State Beach	TC	30	<10	10	<10	10	10	10	10	<10	70	<10	
		FC	20	10	<10	<10	<10	<10	<10	<10	<10	10	<10	
		ENT	50	<10	<10	<10	<10	<10	10	30	20	<10		
ONB31	Little Corona Beach	TC	10	30	<10	80	<10	10	10	10	20	10		
		FC	<10	10	<10	20	10	<10	40	<10	20	<10		
		ENT	10	<10	30	20	10	<10	20	<10	150	<10		
ONB35	Pelican Point	TC	<10	<10	30	<10	<10	10	<10	80	10	30		
		FC	<10	<10	<10	<10	<10	<10	<10	10	<10	10		
		ENT	<10	<10	10	<10	<10	<10	<10	10	<10	<10		
ONB39	Crystal Cove	TC	40	<10	20	<10	30	<10	140	20	30	20		
		FC	20	10	<10	<10	<10	<10	<10	<10	40	10		
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	10		
ONB43	Muddy Creek	TC	<10	10	<10	<10	<10	<10	<10	<10	<10	10	10	
		FC	10	<10	<10	<10	<10	<10	<10	<10	<10	10	10	
		ENT	<10	<10	10	<10	<10	<10	<10	<10	<10	<10	<10	
ONB45	El Morro Beach	TC	10	<10	<10	<10	<10	<10	<10	<10	10	10	10	
		FC	<10	<10	<10	<10	<10	10	<10	<10	<10	<10	<10	
		ENT	<10	<10	210	<10	<10	<10	<10	<10	<10	<10	<10	
WINDY COAST (Creeks): All Creeks Flowing Unless														
CNBBG	Buck Gully Creek	TC	1200	4400	3800	5400	1000	>2200	10	50	200	10		
		FC	720	650	700	1250	240	90	420	380	210	110		
		ENT	340	470	420	740	400	300	250	310	360	540		
CNBPP	Pelican Point Creek	TC	>13800	>11500	13000	>11000	>7000	>17600	Cw/C	>19600	12000	>20000		
		FC	>1430	830	1740	8800	5800	6500	5000	6600	1600	7800		
		ENT	4000	3600	4800	TNTC	2000	6600	7200	2400	2800	2600		
CNBPM	Pelican Point Middle Creek	TC	>11400	*800	*1200	*1200	*1400	*400	*3600	>19000	*330	NS		
		FC	1610	470	10	50	150	80	280	70	<10	NS		
		ENT	980	6400	170	100	8200	240	400	290	30	NS		
CNBPW	Pelican Hill Waterfall	TC	>8800	1800	2000	590	>400	>250	>690	>4000	170	>40		
		FC	9400	<10	70	280	140	10	690	130	1000	210		
		ENT	6600	50	430	590	390	90	840	860	660	310		
CNBCC	Crystal Cove Creek	TC	>7400	3200	520	8800	>16800	>12800	>19600	TNTC	>9000	>15200		
		FC	510	1800	130	2800	3600	1600	390	7400	3400	1060		
		ENT	3200	1200	320	3600	800	2400	4200	1310	5000	1360		
CNBCU	Crystal Cove Upstream	TC	5200	3400	1340	5200	>7600	>7600	5600	5800	<10	>7400		
		FC	260	280	1300	<10	950	700	670	250	20	2600		
		ENT	1190	1060	870	1200	1000	2000	670	720	480	1140		
CNBMC	Muddy Creek	TC	Cw/C	>400	<10	>40	>1000	TNTC	Cw/C	>10	740	>10		
		FC	<10	<10	10	40	240	10	3800	550	180	>140		
		ENT	220	110	80	120	1400	400	1200	1080	810	1280		
CNB45	El Morro Creek	TC	13200	14800	13000	25000	>14200	TNTC	*8800	10800	310	6800		
		FC	90	80	50	100	380	40	130	90	280	390		
		ENT	390	480	550	800	760	1000	300	600	580	550		
CNBEU	El Morro Creek Upstream	TC	5400	2600	18000	4800	1200	>7200	6000	19600	210	3600		
		FC	<10	10	180	40	130	110	300	180	1100	120		
		ENT	170	230	180	120	180	920	230	200	330	180		
Laguna Beach (Surf Zone)														
OLB10	Emerald Bay	TC	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
		FC	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
		ENT	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
OLB05	Crescent Bay Beach	TC	<10	<10	<10	<10	<10	10	10	<10	<10	10		
		FC	<10	<10	<10	<10	<10	<10	10	<10	<10	<10		
		ENT	<10	10	<10	<10	<10	<10	<10	<10	20	<10		
OLB00	Laguna Main Beach	TC	10	10	<10	<10	10	20	<10	<10	10	70		
		FC	<10	<10	<10	<10	<10	<10	<10	<10	10	30		
		ENT	<10	10	<10	<10	<10	<10	<10	20	<10	20		
OSL12	Treasure Island Pier (construction on site - no access)	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	
Laguna Beach (Creeks): All Creeks Flowing Unless														
CLBEE	Emerald Bay Drain	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	
CLBBC	Broadway Creek	TC	Cw/C	NS	*800	Cw/C	NS	Cw/C	Cw/C	>30000	NS	TNTC		
		FC	310	NS	80	8500	NS	8800	TNTC	3800	NS	3200		
		ENT	370	NS	<10	1210	NS	1600	9400	880	NS	2000		

NS - NOT SAMPLED

Membrane Filtration/Colony Forming Units started 3/20/01 (MPN & E. coli for Fecal Coliform prior)

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

STATION	Location Description		5/1/01	5/8/01	5/15/01	5/22/01	5/30/01	6/5/01	6/12/01	6/19/01	6/26/01	7/2/01	7/10/01
ANA POINT (SURFZONE)													
DSL25	Monarch Beach	TC	30	200	10	190	<10	140	<10	800	10	800	30
	(North of Salt Creek)	FC	20	30	<10	50	200	<10	<10	70	10	40	<10
		ENT	10	70	30	<10	50	30	<10	30	<10	40	<10
DSL23	Monarch Beach	TC	190	<10	100	20	290	120	140	>10	170	1200	350
	(South of Salt Creek)	FC	20	<10	50	<10	60	40	40	<10	110	50	30
		ENT	20	<10	<10	<10	60	30	20	40	90	80	10
DOB02	North Beach - Doheny	TC	13000	>80	40	180	>100	TNTC	>30	200	200	>10	120
		FC	3400	30	80	130	210	800	10	70	50	<10	50
		ENT	910	130	100	180	140	200	220	190	270	20	50
DOB04	Doheny Beach	TC	80	360	20	30	410	500	90	200	30	20	50
	(North of San Juan Creek)	FC	90	240	<10	<10	270	170	20	20	10	<10	40
		ENT	90	70	200	40	250	210	400	70	<10	<10	10
DOB05	Doheny Beach	TC	280	160	<10	20	180	140	1800	40	20	10	50
	(South Of San Juan Creek)	FC	110	80	40	<10	50	20	800	20	<10	<10	80
		ENT	40	100	40	30	40	20	350	60	30	<10	60
ANA POINT (CREEK) - All Creeks Flowing Unless													
CSLSC	Salt Creek	TC	11800	10400	9800	16000	20600	>8200	>12200	>10800	>6000	>22200	>25800
		FC	2200	3600	1800	1400	5600	1200	1800	1900	2000	5000	3400
		ENT	2200	2800	2600	3200	8800	2200	1000	4200	1240	3200	2800
CDBNC	North Beach Creek	TC	60	Cw/C	>22600	Cw/C	10600	>400	>19000	>8000	>800	>3000	>17600
		FC	40	2200	14000	3000	1300	220	3000	400	600	200	40
		ENT	80	1040	10000	340	260	340	660	140	370	10	130
SJC1/C-1	San Juan Creek Mouth	TC	23200	TNTC	>14000	4800	9800	>5200	>36000	>18400	1800	>280	1000
		FC	13200	24200	7400	100	260	2200	18400	11200	120	230	870
		ENT	5800	6000	3400	270	120	700	300	5000	50	380	260
SJC2/C-2	Upper San Juan Creek	TC	>670	4500	>22000	>7200	380	1000	>750	Cw/C	>210	>360	2800
		FC	590	3200	15000	800	160	270	120	TNTC	270	600	300
		ENT	160	5800	9800	13000	230	220	170	13200	170	110	580
ANA POINT HARBOR (In Harbor)													
BDP12	West End - Baby Beach	TC	180	40	10	90	>210	50	400	>40	400	>130	140
		FC	100	30	20	80	1000	80	140	100	60	70	30
		ENT	30	70	<10	<10	180	50	40	30	40	20	40
BDP13	Buoy Line - Baby Beach	TC	590	10	10	30	310	100	20	200	20	<10	50
		FC	370	40	20	10	260	30	30	170	<10	110	20
		ENT	320	<10	20	20	110	10	90	170	<10	20	40
BDP14	Swim Area - Baby Beach	TC	90	30	10	80	250	60	>30	>40	30	>200	140
		FC	40	<10	20	40	130	30	20	80	10	30	40
		ENT	<10	90	20	170	120	20	10	80	10	90	20
BDP15	East End - Baby Beach	TC	140	>50	<10	30	300	TNTC	200	>10	20	200	3800
		FC	140	50	20	10	60	400	30	10	<10	30	240
		ENT	20	100	<10	40	60	220	20	90	<10	10	70
BDP09	Pier	TC	230	80	<10	40	380	20	30	400	10	90	190
		FC	370	10	<10	<10	200	10	10	10	<10	10	<10
		ENT	10	20	20	<10	130	<10	10	10	<10	<10	10
BDP16	Pilgrim Dock	TC	20	10	10	60	9400	40	<10	10	<10	70	190
		FC	50	<10	<10	10	20	10	10	<10	<10	<10	20
		ENT	10	<10	<10	<10	<10	10	<10	<10	<10	20	10
MDP11	Guest Dock - End	TC	10	10	20	30	220	210	<10	10	30	10	130
	(West Basin)	FC	<10	<10	20	10	100	10	<10	<10	<10	20	10
		ENT	20	<10	20	<10	100	<10	<10	<10	<10	10	10
BDP09/S-4	Harbor Entrance	TC	<10	<10	20	10	230	<10	<10	<10	<10	20	10
		FC	<10	<10	<10	<10	190	<10	<10	10	<10	10	<10
		ENT	<10	<10	<10	<10	50	<10	<10	10	<10	<10	<10
MDP10	Harbor Patrol Dock	TC	50	210	10	150	280	190	20	120	30	230	120
	(East Basin)	FC	20	10	20	20	20	<10	<10	10	<10	150	10
		ENT	<10	20	<10	10	10	<10	30	10	<10	10	20
BDP17	Youth Dock	TC	30	60	10	440	100	50	<10	210	40	90	>20800
		FC	<10	<10	<10	20	<10	<10	<10	20	10	<10	6200
		ENT	<10	10	<10	<10	<10	20	<10	20	<10	<10	140
BDP07	Fuel Dock	TC	<10	220	20	20	60	10	20	10	<10	20	180
		FC	<10	150	10	30	<10	<10	<10	<10	<10	10	<10
		ENT	<10	<10	<10	<10	20	20	<10	<10	<10	10	40

NS - NOT SAMPLED

Membrane Filtration Started 3/20/01 (MPN & E. coli for Faecal Coliform prior)

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

STATION	Location Description		6/27/01	6/28/01	6/30/01	7/2/01	7/3/01	7/5/01	7/7/01	7/9/01	7/10/01	7/11/01	7/12/01
JANTINGTON BEACH (surfzone)							HCA	HCA	HCA	HCA			
HB39 / 39N	Bolsa Chica Beach	TC	NS	<20	<20	40	<10	NS	NS	30	80	20	20
		FC	NS	<20	<20	40	<10	NS	NS	10	80	20	20
		ENT	NS	2	<2	<2	40	NS	NS	10	<2	4	4
HB33 / 33N	Bolsa Chica Reserve	TC	<20	<20	<20	<20	<10	NS	NS	<10	<20	20	<20
		FC	<20	<20	<20	<20	200	NS	NS	<10	<20	20	<20
		ENT	<2	2	<2	4	30	NS	NS	<10	<2	<2	4
HB27 / 27N	Bluffs	TC	20	<20	20	20	20	NS	NS	20	<20	20	<20
		FC	<20	<20	20	20	<10	NS	NS	<10	<20	20	<20
		ENT	2	<2	2	8	<10	NS	NS	20	6	2	<2
HB21 / 21N	17th Street	TC	<20	20	20	20	<10	NS	NS	10	20	<20	<20
		FC	<20	20	20	20	20	NS	NS	20	20	<20	<20
		ENT	2	<2	<2	8	<10	NS	NS	160	4	2	<2
HB15 / 15N	Jacks Snack Bar	TC	110	300	40	40	<10	90	40	20	20	80	<20
		FC	110	300	20	40	20	90	20	10	20	80	<20
		ENT	<2	122	4	14	20	50	20	50	2	<2	2
HB09 / 9N	SCE Plant	TC	<20	<20	<20	20	50	640	360	190	220	80	40
		FC	<20	<20	<20	20	60	480	390	70	140	80	40
		ENT	<2	<2	4	4	20	260	100	40	16	12	4
HB06 / 6N	Magnolia Street	TC	<20	20	80	300	430	130	230	470	110	80	<20
		FC	<20	<20	40	300	930	150	180	250	110	40	<20
		ENT	<2	<2	14	36	130	110	30	160	16	4	<2
HB03 / 3N	Brookhurst	TC	20	<20	20	20	10	80	10	140	80	230	80
		FC	<20	<20	20	<20	10	40	10	50	20	230	40
		ENT	<2	<2	2	<2	<10	10	10	80	12	20	6
DNB00 / 0	Santa Ana River Mouth	TC	230	<20	20	<20	10	NS	40	10	230	20	20
		FC	230	<20	<20	<20	10	NS	400	<10	130	20	20
		ENT	8	14	<2	<2	<10	NS	70	<10	4	32	2
NEWPORT BEACH (surfzone)													
DNB03 / 3S	Orange Street	TC	20	40	<20	<20	<10	<10	40	160	<20	20	<20
		FC	20	40	<20	<20	10	<10	<10	50	<20	<20	<20
		ENT	<2	2	<2	<2	<10	<10	<10	50	<2	6	<2
DNB06 / 6S	52nd/53rd Street	TC	110	<20	<20	<20	10	<10	20	20	<20	<20	<20
		FC	110	<20	<20	<20	<10	<10	20	10	<20	<20	<20
		ENT	2	2	<2	<2	20	<10	<10	<10	4	<2	<2
DNB09 / 9S	38th Street	TC	20	<20	<20	<20	190	<10	160	10	<20	<20	<20
		FC	20	<20	<20	<20	10	<10	140	<10	<20	<20	<20
		ENT	<2	2	<2	8	460	<10	350	<10	<2	2	<2
DNB15 / 15S	15th/16th Street	TC	<20	<20	<20	<20	<10	10	10	10	<20	<20	40
		FC	<20	<20	<20	<20	<10	<10	10	<10	<20	<20	40
		ENT	<2	2	<2	<2	<10	<10	<10	<10	8	<2	<2
DNB21 / 21S	Balboa Pier	TC	<20	80	40	40	<10	NS	NS	160	<20	<20	20
		FC	<20	80	20	<20	<10	NS	NS	<10	<20	<20	20
		ENT	<2	<2	<2	2	10	NS	NS	<10	<2	<2	<2
DNB27 / 27S	The Wedge	TC	20	<20	<20	<20	<10	NS	NS	<10	20	20	<20
		FC	20	<20	<20	<20	<10	NS	NS	<10	<20	20	<20
		ENT	<2	<2	<2	<2	<10	NS	NS	<10	<2	<2	<2
DNB29 / 29S	Corona Del Mar Beach	TC	<20	<20	20	20	30	NS	NS	70	<20	<20	<20
		FC	<20	<20	<20	<20	10	NS	NS	<10	<20	<20	<20
		ENT	2	<2	<2	14	20	NS	NS	10	30	<2	2
DNB39 / 39S	Crystal Cove	TC	<20	<20	<20	<20	<10	NS	NS	<10	<20	<20	<20
		FC	<20	<20	<20	<20	<10	NS	NS	20	<20	<20	<20
		ENT	<2	<2	<2	<2	<10	NS	NS	<10	2	2	<2

COMMENTS: R: Samples influenced by rain.
 NS: Samples not taken
 S: Samples influenced by Santa Ana River or D2 Flood Control Channel.

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

STATION	Location Description		6/12/01	6/19/01	6/21/01	6/25/01	6/26/01	7/2/01	7/3/01	7/9/01	7/11/01
LAGUNA BEACH (surfzone)											
LB16 / S16	Hotel Laguna	TC	8	50	48	108	990	10	24	48	8
		FC	8	<10	14	<2	14	8	4	8	12
		ENT	8	<10	8	4	8	13	4	7	11
LB15 / S15	Projection of Bluebird Canyon	TC	5	8	12	20	4	6	20	12	14
		FC	<2	2	15	2	2	4	4	2	6
		ENT	<2	<2	<2	2	<2	<2	2	<2	<2
LB14 / S14	Victoria Beach	TC	4	10	42	10	8	4	6	2	2
		FC	2	<10	4	2	<2	2	2	<2	<2
		ENT	2	<10	6	<2	4	14	<2	<2	<2
LB13 / S13	Blue Lagoon	TC	8	<10	<2	2	6	34	8	<2	2
		FC	<2	<10	<2	<2	4	<2	4	<2	4
		ENT	<2	20	4	<2	2	2	<2	<2	<2
ALISO BEACH (surfzone)											
OSL12 / S12	Treasure Island Pier (construction on site - no access)	TC	NS	NS	NS	NS	NS	NS	NS	NS	NS
		FC	NS	NS	NS	NS	NS	NS	NS	NS	NS
		ENT	NS	NS	NS	NS	NS	NS	NS	NS	NS
OSL11 / S11	Treasure Island Sign	TC	4	<10	14	112	82	4	22	2	>400
		FC	2	<10	2	12	2	<2	<2	2	<2
		ENT	<2	<10	4	4	6	2	2	<2	2
OSL10 / S10	Aliso-North	TC	250	80	47	150	300	5	8	<2	12
		FC	110	40	48	76	145	2	<2	4	<2
		ENT	25	<10	32	72	52	<2	2	<2	4
OSL09 / S09	Aliso-Middle	TC	20	<10	6	12	34	20	<2	10	85
		FC	10	<10	2	<2	2	2	<2	8	30
		ENT	4	<10	6	<2	<2	2	<2	20	20
OSL08 / S08	Aliso-South	TC	2	30	2	12	16	2	10	<2	30
		FC	4	10	2	2	<2	<2	<2	<2	6
		ENT	6	<10	<2	<2	2	<2	<2	<2	2
OSL07 / S07	Camel Point	TC	4	<10	<2	<2	10	10	<2	6	24
		FC	<2	<10	2	<2	<2	<2	<2	<2	4
		ENT	6	<10	<2	<2	<2	4	18	<2	2
OSL06 / S06	Table Rock	TC	10	<10	2	20	10	<2	<2	6	28
		FC	2	<10	<2	<2	<2	<2	<2	4	8
		ENT	<2	<10	<2	<2	<2	4	2	4	14
OSL05 / S05	Laguna Lido Apt.	TC	3	<10	<2	2	<2	2	10	8	20
		FC	<2	<10	2	<2	<2	<2	<2	2	2
		ENT	<2	<10	<2	<2	<2	4	<2	<2	<2
OSL04 / S04	9th St. 1000 Steps Beach	TC	8	10	<2	<2	2	8	10	170	88
		FC	8	<10	<2	<2	<2	4	6	190	2
		ENT	<2	<10	2	<2	<2	<2	<2	<2	4
OSL03 / S03	Three Arch Bay	TC	230	2	2	28	8	8	20	<2	30
		FC	13	<2	2	<2	2	<2	<2	<2	4
		ENT	20	<2	<2	<2	2	2	<2	<2	5
ALISO CREEK											
CABAC / C1	Aliso Creek Mouth	TC	2500	1300	490	860	18000	4100	140	4700	2900
		FC	280	130	330	140	420	1000	180	650	400
		ENT	73	10	120	140	72	880	90	250	450
DANA POINT (surfzone)											
OSL02 / S02	Salt Creek Beach	TC	200	10	6	15	52	8	8	530	310
		FC	17	<10	4	3	15	<2	2	30	8
		ENT	18	<10	<2	2	2	3	<2	33	8
S01	Dana Strand Beach	TC	15	10	8	<2	8	10	22	26	20
		FC	<2	<10	2	<2	<2	4	8	2	2
		ENT	4	<10	<2	2	<2	10	<2	2	4

SFRA Ocean Bacteriological Monitoring Program

Total Coliform (TC), Fecal Coliform (FC), Enterococcus (ENT) Colony Forming Units / 100 ml Sample

STATION	Location Description		6/13/01	6/19/01	6/20/01	6/25/01	6/27/01	7/1/01	7/3/01	7/9/01	7/10/01
ANA POINT (surfzone)				HCA							HCA
ODP01 / S8	Marine Institute Beach	TC	2	<10	42	2	2	4	<2	130	20
		FC	<2	10	2	<2	2	<2	<2	2	<10
		ENT	<2	<10	<2	<2	<2	6	<2	<2	<10
ANA POINT HARBOR (In Harbor)											
BDP09 / S4	Dana Point Harbor Entrance	TC	22	<10	14	42	14	6	4	200	10
		FC	10	10	4	8	4	8	4	6	<10
		ENT	4	10	18	<2	8	14	<2	<2	<10
CHENY BEACH (surfzone)											
ODB02 / S2	North Beach	TC	230	200	50	<10	<10	50	10	20	50
		FC	130	20	45	<10	<10	<10	<10	<10	40
		ENT	110	70	72	10	10	20	<10	<10	10
ODB05 / S1	1000' South Outfall	TC	6400	>50	82	30	10	30	10	<10	10
		FC	3200	10	<10	<10	20	<10	<10	20	10
		ENT	1500	40	9	<10	9	10	10	<10	60
----- / S3	2000' South Outfall	TC	9100	<10	900	20	30	20	20	<10	70
		FC	4700	10	170	<10	10	<10	<10	<10	20
		ENT	2700	60	82	10	<10	20	140	45	20
ODB03 / S5	3000' South Outfall	TC	54	10	300	20	140	50	30	10	30
		FC	10	20	30	<10	30	20	20	<10	30
		ENT	27	80	70	10	160	30	90	100	40
----- / S7	4000' South Outfall	TC	82	>50	10	73	<10	30	40	<10	30
		FC	120	20	10	10	<10	30	20	<10	20
		ENT	130	30	10	45	<10	36	10	<10	10
ODB01 / S9	5000' South Outfall	TC	110	10	<10	10	40	27	30	<10	<10
		FC	70	<10	10	30	<10	10	<10	<10	<10
		ENT	90	<10	30	10	<10	10	20	<10	<10
----- / S0	San Juan Cr/Ocean Interface	TC	8200	>17000	40	18	20	40	10	230	<10
		FC	3200	11000	50	<10	<10	<10	<10	45	<10
		ENT	2000	3600	70	10	10	10	10	10	<10
SAN JUAN CREEK											
OSJC1 / C1	San Juan Creek Mouth	TC	>20000	>18400	Cw/C	4600	480	1200	700	1800	1000
		FC	19000	11200	4300	1900	180	380	240	1300	870
		ENT	8700	5000	1700	400	18	240	310	52	260
OSJC2 / C2	San Juan Creek North	TC	3200	Cw/C	2800	910	700	2500	3300	5300	2800
		FC	320	TNTC	280	870	580	850	910	890	300
		ENT	90	19200	2300	170	890	150	220	380	580
CAPISTRANO BEACH (surfzone)											
OCB11 / S11	7500' South Outfall	TC	40	<10	20	30	10	110	60	<10	<10
		FC	30	<10	10	10	<10	10	10	<10	<10
		ENT	70	<10	<10	10	<10	10	20	<10	10
OCB13 / S13	10000' South Outfall	TC	50	>20	30	30	<10	200	270	40	<10
		FC	10	<10	10	<10	<10	<10	20	30	<10
		ENT	10	20	20	10	<10	<10	80	<10	<10
OCB15 / S15	14000' South Outfall	TC	5200	800	540	7700	450	1900	2800	10	570
		FC	730	50	100	1200	38	170	200	18	80
		ENT	1500	60	91	820	18	280	400	10	100
SAN CLEMENTE (surfzone)											
OSC05 / S17	20000' South Outfall	TC	86	<10	10	18	2	12	17	88	10
		FC	5	10	12	8	<2	7	3	10	<10
		ENT	20	<10	2	10	<2	10	8	2	10
OSC19 / S19	Lifeguard Building	TC	44	20	22	50	12	160	60	430	20
		FC	40	10	8	40	8	3	4	230	10
		ENT	27	10	2	28	13	5	4	470	30
OSC21 / S21	Avenida Calafia	TC	10	<10	<2	<2	2	4	8	160	20
		FC	8	<10	<2	2	<2	<2	2	8	10
		ENT	<2	<10	<2	<2	<2	<2	4	14	10
OSC23 / S23	Las Palmeras	TC	<2	<10	<2	<2	2	4	<2	26	10
		FC	<2	<10	<2	<2	<2	<2	2	8	<10
		ENT	<2	<10	<2	<2	<2	18	<2	<2	<10

Cw/C - Confluent growth with coliforms

Cw/FC - Confluent growth with fecal coliforms

Orange County Data

Receiving Water Body	Parameter Name	Number of times above std.	Standard	Source of Standard
- Crystal Cove upstream	Fecal Coli	16/36 ^{30 day log means}	Rec 1	Basin Plan
"	"	13/36 ^{do not have enough samples}	"	"
- Buck Gully Creek	Fecal coli	13/56 ^{30 day log means}	Rec 1	Basin Plan
"	"	18/56 ^{do not have enough samples}	Rec 1	"
- El Morro Creek	Fecal coli	16/51 ^{30 day log means}	Rec 1	Basin Plan
"	"	9/51 ^{do not have enough samples}	"	"
- El Morro Creek upstream	Fecal coli	10/49 ^{30 day log means}	"	"
"	"	16/49 ^{do not have enough samples}	"	"
B	B		Rec 1	Basin Plan
Muddy Creek	Fecal coli	11/54 ^{30 day log means and}	Rec 1	Basin Plan
"	"	18/54 ^{do not have enough sample}	"	"
		↓ exceed, but		

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