

4. Bolsa Chica:

- Beneficial Uses: REC 1, REC 2, BIOL, WILD, RARE, SPWN, MAR, EST
- Hydrologic Unit: 801.11
- Total Water Body Size: 294 acres
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
 - Orange County PFRD data:*
 - 0/4 exceeded the "EBE 4-Day Average" Cd standard of 9.3 ug/L
 - 0/4 exceeded the "EBE 4-Day Average" Cr standard of 50 ug/L
 - 4/4 exceeded the "EBE 4-Day Average" Cu standard of 3.1 ug/L
 - 0/4 exceeded the "EBE 4-Day Average" Pb standard of 8.1 ug/L
 - 4/4 exceeded the "EBE 4-Day Average" Ni standard of 8.2 ug/L
 - 0/4 exceeded the "EBE 4-Day Average" Zn standard of 81 ug/L
 - Bolsa Chica State Beach Life Guard Station # 18 posted 0 times in 3 years
 - Bolsa Chica State Beach Life Guard Station # 23 posted 1 time in 3 years during dry season
 - Bolsa Chica State Beach Reserve posted 0 times in 3 years
 - Bolsa Chica State Beach Warner Avenue posted 0 times in 3 years
- Potential Sources: urban runoff
- Recommendation: More monitoring due to not enough data points available per parameter to reach a conclusion for impairment and insufficient data to back up results.
- TMDL Priority: None at this time
- TMDL Start Date: Not applicable at this time
- TMDL Start Date: Not applicable at this time

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Only Violating
NOT Camp

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BACTERIA

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DATE POSTED	AREA POSTED	DATE UNPOSTED	TC	FC	
1	7/28/99	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	7/30/99	~	~
1	7/29/99	Newport Bay - 38th Street Beach	7/30/99	80	712 <10
2		Newport Bay - 43rd Street Beach	9/22/99 Long Term	500	>24192 31
3		Dana Point Harbor - Baby Beach (Buoy Line)	7/30/99	300	256 175
		Dana Point Harbor - Baby Beach (West End)	7/30/99	1100	408 173
4		Doheny Beach - North Beach	7/30/99	20	959 20
5		Huntington Harbour - Mother's Beach	8/3/99	20	419 134
6	7/30/99	Newport Beach - 52nd-53rd Street (OCSD 6S)	7/30/99	1700	1700 176
7		Doheny Beach - North Beach	8/6/99	20	959 20
1	8/3/99	Seal Beach - 8th Street	8/5/99	3000	3873 85
2	8/4/99	Dana Point Harbor - Baby Beach (Swim Area)	8/6/99	500	573 20
3	8/5/99	Newport Bay - Abalone Avenue (South Bayfront)	8/7/99	800	801 74
4		Newport Bay - Bayshore Beach	8/7/99	<20	31 185
5		Newport Bay - Newport Dunes (North Beach)	8/7/99	300	1631 10
6	8/9/99	Bolsa Chica State Beach - SLGT #18 (OCSD 33N)	8/12/99	500	300 128
7	8/10/99	Salt Creek Beach - D/C of Salt Creek	8/12/99	3000	146 158
8		Doheny Beach - North Beach	8/12/99	40	1134 31
9		Dana Point Harbor - Baby Beach (East End)	8/12/99	500	601 52
1	8/11/99	Newport Bay - Newport Dunes (North Beach)(Ck. Release)	8/13/99	~	~ ~
10	8/12/99	South Laguna - Three Arch Bay (AWMA S3)	8/13/99	96	<2 110
11	8/13/99	Seal Beach - 1st Street	8/15/99	2400	1785 <10
12	8/17/99	Newport Bay - Newport Dunes (North Beach)	8/24/99	230	441 10
13	8/18/99	Salt Creek Beach - D/C of Salt Creek	8/20/99	1700	63 173
14	8/24/99	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	8/26/99	500	500 142
15	8/26/99	Dana Point Harbor - Baby Beach (All) (West End)	8/28/99	170	259 160
		Dana Point Harbor - Baby Beach (Swim Area)	~	230	882 10
2	8/27/99	Doheny Beach - 300' U/C to 1500' D/C SJC (Ck. Release)	9/1/99	~	~ ~
16	8/31/99	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	9/1/99	230	230 112
1	9/1/99	Doheny Beach - South End of Campground (SERRA S5)	9/3/99	10	20 110
2		Newport Bay - 19th Street Beach	9/3/99	80	209 110
1	9/2/99	Doheny Beach - 300' U/C to 1500' D/C SJC (Ck. Release)	9/4/99	~	~ ~
3		Dana Point Harbor - Baby Beach (West End)	9/4/99	1300	1722 41
4	9/4/99	Huntington State Beach - SLGT #15 (OCSD 11N)	9/4/99	300	594 <10
5	9/6/99	Huntington State Beach - SLGT #6 (OCSD 4N)	9/7/99	9000	17328 168
6	9/7/99	Huntington State/City Beach - SAR to CLGT #11 (3N)	*10/7/99	5000	340 215
		*9/17/99 - unposted CLGT #11-CLGT #15 (4N)	~	LA	LA 358
		*10/6/99 - unposted CLGT #15-SLGT #10 (5N)	~	LA	LA 128
		*10/7/99 - unposted SLGT #10-SAR (7N)	~	170	170 118
		(8N)	~	300	80 104

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		(10N)	~	300	~	~
		(11N)	~	300	~	~
2	9/8/99	Doheny Beach - 300' U/C to 1000' D/C SJC (Ck. Release)	9/10/99	~	~	~
7	9/9/99	Doheny Beach - End of day use area (SERRA S7)	9/10/99	3700	3000	>2000
8		Poche Beach - U/C of Poche Creek (SERRA S15)	9/10/99	460	110	110
3		Doheny Beach - 300' U/C to 1500' D/C SJC (Ck. Release)	9/10/99	~	~	~
9	9/10/99	Huntington City Beach - CLGT #9 (OCSD 15N)	9/11/99	130	197	2098
10		Huntington City Beach - 150' D/C CLGT #1-CLGT #6 (18N)	9/11/99	<20	40	512
		(18N)	~	<20	<10	113
		(19N)	~	<20	20	1585
E	9/12/99	Huntington City Beach - CLGT #11 - Pier (increase) (16N)	9/15/99	20	20	>400
11	9/14/99	Newport Bay - 19th Street Beach	9/17/99	800	1187	573
12	9/15/99	Huntington City Beach - CLGT #1	9/16/99	<20	<10	158
4		Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	9/17/99	~	~	~
13	9/16/99	Doheny Beach - SLGT #7 (SERRA S5)	10/7/99	50	50	130
14		Dana Point Harbor - Baby Beach (Swim Area)	9/19/99	130	408	10
-16	(needles)	Huntington State/City Beach - Magnolia to U/C of Pier	9/17/99	~	~	~
15	9/22/99	Dana Point Harbor - Baby Beach (Buoy Line)	9/28/99	300	959	31
16	9/23/99	Newport Bay - 38th Street Beach	10/27/99	20	594	<10
17	9/24/99	Aliso Beach - Camel Point to 300' U/C (AWMA S8)	9/30/99	14	8	110
18		Doheny Beach - SLGT #9 to 300' D/C (SERRA S1)	10/7/99	10	10	30
19		Doheny Beach - SLGT #6 (SERRA S3)	10/7/99	80	80	400
20	9/27/99	Poche Beach - U/C of Poche Creek (SERRA S15)	9/28/99	780	170	170
5		Aliso Beach-1000' U/C to 1000' D/C of Creek (Ck.Release)	*10/7/99	~	~	~
		*9/30/99 - reduced posting to 1000' U/C	~	~	~	~
21		Huntington City Beach - CLGT # 1 (OCSD 18N)	9/28/99	300	74	135
6	9/28/99	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	*10/7/99	~	~	~
		*9/30/99 - extended posting to 3500' D/C (see 9/24/99)	~	~	~	~
		*10/1/99 - reduced D/C 500'	~	~	~	~
22		Laguna Beach - Main Beach at Broadway Creek	9/30/99	230	52	134
23		Monarch Beach - 300' U/C of Salt Creek	9/30/99	230	41	109
24	9/29/99	Newport Bay - Sapphire Avenue	10/1/99	40	3076	413
1	10/1/99	Poche Beach - 300' U/C to 100' D/C of Poche Creek	10/7/99	700	120	120
2	10/7/99	Doheny Beach - 150' U/C SLGT #7 to 150'D/C SLGT #6 (SERRA S5 & S7) *all Doheny posted	*10/8/99(S5) ~ (S7)	1100 780	670 670	960 960
E	10/8/99	Doheny Beach - San Juan Creek to Poche Creek	*10/14/99(S1)	160	60	300
		*10/9/99 -reopened San Juan Ck to end of campground	~ (S3)	440	330	670
		*10/14/99-reopened end of campground to end of park	~ (S9)	260	270	530
		*10/14/99-reopened Poche	~ (S11)	390	130	330
			~ (S13)	350	230	200
3	10/10/99	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	10/13/99	1100	1100	>400
4	10/13/99	Laguna Beach - 1000 Steps Beach (AWMA S4)	10/14/99	2	<2	280

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>400 25

6
30
7

10		Dana Point - Capistrano County Beach (SERRA S9)	5/11/00	400		
11		Poche Beach -150' U/C and 150' D/C of Creek (SERRA S15)	7/6/00	CF		
12	5/11/00	Laguna Beach - Bluebird Canyon (AWMA S15)	5/13/00	>400	>400	25
13		Seal Beach -1st Street	5/13/00	300	62	153
14	5/17/00	Capistrano County Beach (dredging)	5/26/00	~	~	~
15	5/18/00	Huntington State Beach-500' U/C & D/C Magnolia Street (OCSD 6N)	See 5/19/00	800	800	164
E	5/19/00	Huntington State Beach - 500' U/C Magnolia St. (OCSD 6N)	5/26/00	40	20	14
		to Santa Ana River (OCSD 3N)	5/26/00	130	130	164
		(OCSD 0)	5/24/00	300	170	196
16	5/21/00	Bolsa Chica State Beach - Reserve (OCSD 33N)	5/23/00	110	110	128
17	5/23/00	Newport Bay - Dunes West	5/28/00	500	798	<10
18		Newport Bay - Promontory Bay	5/28/00	3000	8164	41
19	5/24/00	Laguna Beach - Treasure Island Pier (AWMA S12)	5/25/00	550	32	30
20	5/25/00	Huntington Harbour - Sunset Aquatic	5/31/00	>16000	379	512
21		Huntington Harbour - Peter's Landing	7/7/00	>16000	382	131
22	5/31/00	Huntington State Beach - Magnolia Street (OCSD 6N)	6/1/00	130	130	116
1	6/1/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	6/2/00	500	300	164
2		Newport Bay - Harbor Patrol Beach	6/12/00	700	933	313
3	6/4/00	Huntington State Beach - Magnolia Street (OCSD 6N)	6/6/00	500	500	192
4	6/6/00	Newport Bay - Abalone Avenue	6/8/00	>16000	195	556
5		Newport Bay - Newport Dunes North	6/8/00	170	909	278
6	6/7/00	Crystal Cove State Beach - Pelican Point	6/9/00	70	<10	187
7	6/8/00	San Clemente - Avenida Calafia (SERRA S21)	6/11/00	<2	<2	400
8	6/13/00	Huntington State Beach - Magnolia Street (OCSD 6N)	see 6/17/00	1700	1700	>400
9		Newport Bay - Rhine Channel	6/19/00	500	307	794
10		Newport Bay - Sapphire Avenue	6/15/00	1300	2489	<10
11	6/16/00	Dana Point Harbor - Baby Beach Swim Area	see 6/22/00	800	538	20
R		Doheny State Bch - SJC to end of pk (update from perm. List)	6/30/00	~	~	~
E	6/17/00	Huntington State Beach - 500' U/C & D/C Magnolia Street	6/19/00	3000	3000	>400
12	6/20/00	Newport Bay -Garnet Avenue	6/22/00	20	10	2489
13		Newport Dunes - North End	6/22/00	170	1211	52
14	6/22/00	Huntington Harbour - Davenport Beach	6/24/00	<20	<10	135
15		Newport Beach - Balboa Pier (OCSD 21S)	6/23/00	40	40	154
16		Aliso Beach - North End (AWMA S10)	6/24/00	130	8	120
E		Dana Point Harbor - Baby Beach Swim Area to West End	6/30/00	80	145	216
17	6/23/00	Huntington State Beach - Magnolia Street (OCSD 6N)	see 7/12/00	~	~	log mean
18	6/27/00	Newport Bay- Promontory Point	6/29/00	230	181	134
19		Newport Bay - Bayshore Beach	6/29/00	9000	20	110
20		Newport Bay - 38th Street Beach	6/29/00	265	1956	10
21	6/30/00	Laguna Beach - Treasure Island Pier (AWMA S12)	7/4/00	2	<2	400
1	7/4/00	Bolsa Chica State Beach - SLGT #23 (OCSD 39N)	7/5/00	140	140	222
2		Huntington Harbour - Sea Gate Lagoon	7/7/00	<20	<10	171

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R	9/13/00	Huntington State Beach - 150' U/C & D/C Newland (OCSD 9N)	9/15/00	230		
		Newport Bay - Bayshore Beach	9/15/00	40		
E		Doheny State Beach - 500' U/C of SJC to (SERRA S0)	see 10/11/00	220	120	140
		end of Park (SERRA S1)	see 10/11/00	210	110	240
		(SERRA S3)	see 10/11/00	230	80	120
		(SERRA S5)	see 10/11/00	140	40	190
		(SERRA S7)	see 10/11/00	140	90	110
	9/14/00	Capistrano County Beach to 150' D/C of Poche Creek (SERRA S11)	see 10/26/2000	70	60	150
		(SERRA S13)	see 10/26/2000	80	250	210
		Poche Beach (SERRA S15)	9/21/00	940	580	680
8		Dana Point Harbor - Baby Beach Swim Area	see 9/20/00	20	1500	116
		Dana Point Harbor - Bouy Line	see 9/20/00	40	1607	132
9	9/15/00	Bolsa Chica State Beach-150' U/C & D/C SLGT 23(OCSD 39N)	9/17/00	170	170	178
10		Huntington City Beach - 150' U/C&D/C 17th St. (OCSD 21N)	9/17/00	<20	<20	>400
11	9/17/00	Huntington State Beach-150'U/C&D/C Brookhurst (OCSD 3N)	see 9/18/00	500	220	120
E	9/18/00	Huntington State Beach-500' U/C&D/C Brookhurst (OCSD 3N)	see 9/20/00	~	~	~
12	9/19/00	Seal Beach - Breakwater to 300' D/C of Breakwater	9/22/00	500	336	160
13		Newport Bay - Dunes North	9/21/00	20	496	185
14		Newport Bay - Alvarado and Bay Isle	9/21/00	130	907	<10
15	9/20/00	Huntington State Beach-150' U/C&D/C Brookhurst (OCSD 3N)	9/22/00	70	70	106
16		Crystal Cove State Beach - 300' U/C Los Trancos	9/22/00	<20	20	110
E		Dana Point Harbor - All of Baby Beach (West End)	10/12/00 Long Term	1700	1722	86
		(Buoy Line)	10/12/00 Long Term	1300	3255	11199
		(Swim Area)	10/12/00 Long Term	5000	1860	1012
		(East End)	10/12/00 Long Term	2400	5172	663
17	9/22/00	Newport Bay - Bayshore Beach Play Beach (from closure)	9/26/00	5000	<10	1021
1	9/23/00	Rain Advisory - All Coastline	9/25/00	~	~	
18	9/26/00	Newport Bay - Dunes East	9/28/00	16000	253	74
		Newport Bay - Dunes North	9/28/00	5000	1106	63
19		Newport Bay - 15th Street	9/28/00	110	882	20
20		Newport Bay - 10th Street	9/28/00	>16000	627	183
21		Monarch Beach - 300' D/C of Salt Creek	11/4/00	>16000	12033	4884
22	9/27/00	Huntington State Beach-150' U/C&D/C Brookhurst (OCSD 3N)	9/29/00	1700	500	250
23		Huntington State Beach - 150' U/C&D/C Newland St. (OCSD9N)	10/1/00	40	<20	14
24		Huntington Harbour - Sunset Aquatic Park	9/29/00	3000	1250	20
25		Dana Point - Poche Beach 150' U/C&D/C Creek (SERRA S15)	see 10/26/00	630	180	130
26	9/30/00	San Clemente - 150' U/C&D/C of Pier	10/2/00	5000	161	109
1	10/1/00	Huntington City Beach - 500'U/C LGT#24-500 ' (OCSD 27 N)	10/3/00	40	20	276
		D/C of 17th Steet (OCSD 21N)	10/3/00	<20	<20	324
2	10/3/00	Seal Beach - Breakwater to 300' D/C of Breakwater	see 10/11/00	80	185	214
3		Newport Bay - Harbor Patrol Beach	10/5/00	220	158	331
4		Newport Bay - Dunes North	see 10/18/00	230	256	158

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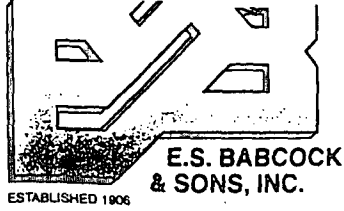
Bolsa Chica

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5		Three Arch Bay - 150' U/C&D/C of Access Stairs (AWMA S3)	10/5/00	74		
1	10/4/00	Aliso Beach - 150' U/C&D/C of Aliso Creek (Creek Release)	10/6/00	~		
6	10/6/00	Huntington State Beach - 150' U/C&D/C Newland St. (OCSD 9N)	10/8/00	20	20	136
7		Huntington State Beach - Santa Ana River to 300' U/C (OCSD 0)	10/8/00	<20	<20	>400
1	10/11/00	Rain Advisory - All Coastline	10/15/00	~	~	~
8		Seal Beach - San Gabriel River Breakwater to Pier (1st St.)	see 10/13/00	800	332	10
		(8th Street)	see 10/13/00	3000	496	10
9		Surfside - 150' U/C&D/C of Seaway	10/13/00	<20	31	121
10		Huntington State Beach - 150' U/C&D/C Newland St. (OCSD9N)	10/13/00	230	230	110
E		All of Doheny (added Breakwater to 500' U/C of SJC)	see 1/11/01	5000	776	2613
11	10/12/00	Huntington Harbour - 11th Street Beach	12/5/00	800	637	350
12		Newport Bay - Dunes East	10/15/00	9000	265	131
13		Newport Beach - Little Corona Beach	10/15/00	300	122	243
14		Crystal Cove State Beach - 300' U/C Los Trancos	10/15/00	80	41	107
15		Laguna Beach - Main Beach	10/15/00	16000	2851	1529
16		San Clemente - Avenida Pico to (SERRA S17)	10/15/00	9700	5500	14200
		San Clemente Pier (SERRA S19)	10/17/00	720	390	590
17		San Clemente - 150' U/C&D/C Las Palmeras (SERRA S23)	10/15/00	150	230	110
R	10/13/00	Seal Beach - Breakwater to 350' D/C of Breakwater (reduction)	see 11/21/00 (E)	16000	368	218
18		Huntington State Beach - 500' U/C Magnolia (OCSD 0)	10/15/00	5000	700	116
		to Santa Ana River (OCSD 3N)	10/15/00	>16000	1100	102
19	10/15/00	Dana Point Harbor - Boat Launch (From Closure)	10/18/00	230	73	187
20	10/17/00	Huntington Harbor - Mother's Beach	10/19/00	20	20	175
21	10/18/00	Newport Bay - Dunes East Swim Area to Pedestrian Bridge	see 11/3/00	20	<10	161
22	10/25/00	Newport Bay - Onyx Avenue	10/27/00	800	988	171
23		Newport Bay - 38th Street Beach	11/3/00	3000	74	135
24	10/26/00	Newport Beach - Little Corona Beach	11/2/00	130	1421	262
25		Crystal Cove State Beach - 300' D/C of El Morro Creek	11/2/00	40	41	185
26		Laguna Beach - Emerald Bay	11/2/00	40	41	309
27		Laguna Beach - Main Beach	11/2/00	230	156	292
R		Capistrano County Beach (SERRA S11)	2/26/01 (see 3/2)	20	10	180
R		(SERRA S13)	2/26/01 (see 3/2)	20	20	250
R		Poche Beach - 150' U/C & 150' D/C of Poche Creek (SERRAS15)	see 12/7/00	20	10	900
2	10/27/00	Rain Advisory - All Coastline	11/2/00			
28		Bolsa Chica State Beach - 150' U/C&D/C SLGt#23 (OCSD 39N)	11/1/00	500	300	262
29	10/29/00	Huntington State Beach - 500' U/C Beach Blvd. (OCSD 12N)	11/1/00	5000R	170R	136R
		to Santa Ana River (OCSD 9N)	11/2/00	16000R	230R	340R
	(RAIN EVENT)	(11/1/00 - 500' U/C Newland to SAR) (OCSD 6N)	11/2/00	5000R	300R	202R
		(OCSD 3N)	11/2/00	3000R	800R	360R
		(OCSD 0)	11/2/00	9000R	500R	278R
		Newport Beach - 500' D/C Orange Street (OCSD 3S)	11/2/00	9000R	500R	262R
30		Newport Beach - Corona del Mar State Beach (OCSD 29S)	11/1/00	9000R	130R	160R

8. Rathbun Creek:

- Beneficial Uses: MUN, GWR, REC1, REC2, COLD, WILD
- Hydrologic Unit: 801.71
- Total Water Body Size: 2 miles
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
 - Big Bear Municipal Water District Data:*
 - 0/5 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/L
 - 2/2 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/L
 - 0/2 exceeded the Basin Plan total phosphorus objective of 0.15 mg/L
 - 2/2 exceeded the Basin Plan TIN objective (for Big Bear Lake) of 0.15 mg/L
- Recommendation: already on 303(d) list as impaired for nutrients; TMDL development underway
- TMDL Priority: high
- TMDL Start Date: 2002
- TMDL End Date: 2005



370
Client: Big Bear Municipal Water Dist.
Gene Martin
P.O. Box 2863

Big Bear Lake, Ca 92315

Client I.D.: RATHBUN CREEK
Site: BIG BEAR, CA.
Description:

Matrix: water

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Lab No.: L67695-004

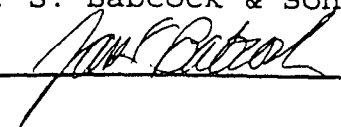
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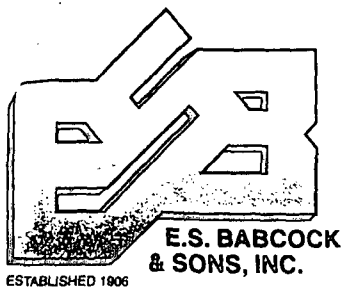
Collected By: MS
Date: 04/03/00
Time: 1007
Submitted By: MS
Date: 04/04/00
Time: 1423

<u>Constituent</u>	<u>Result</u>		<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Nitrate-Nitrogen	1.0	mg/L	EPA 300.0	0.2	000404/KOS
Total Phosphorus	ND	mg/L	SM 4500-PB4E	0.05	000410/RK
Nitrite-Nitrogen	ND	mg/L	SM 4500-NO2B	0.1	000404/TF
Kjeldahl Nitrogen	0.3	mg/L	EPA 351.2	0.1	000412/BW
Total Nitrogen	1.3	mg/L	Calculation	0.2	000412/BW

ND = None detected at RL (Reporting Limit). RL units same as result.

cc:

E. S. Babcock & Sons Inc.




Laboratory Results

370

Client:

Big Bear Municipal Water Dist.
 Gene Martin
 P.O. Box 2863

Big Bear Lake, Ca 92315

Client I.D.: RATHBUN CREEK
 Site: BIG BEAR, CA.
 Description:

Matrix: water

Page: 1 of 1
 Lab No.: L69143-006

Date Reported: 05/25/00

Collected By: MS
 Date: 05/08/00
 Time: 1332
 Submitted By: GM
 Date: 05/09/00
 Time: 1321

<u>Constituent</u>	<u>Result</u>	<u>Method</u>	<u>RL</u>	<u>Date / Analyst</u>
Ammonia-Nitrogen	ND mg/L	SM4500-NH3 H	0.05	000517/KS
Nitrate-Nitrogen	ND mg/L	EPA 300.0	0.05	000509/KOS
Total Phosphorus	0.06 mg/L	SM 4500-PB4E	0.05	000509/RK
Nitrite-Nitrogen	ND mg/L	SM 4500-NO2B	0.01	000509/TF
Kjeldahl Nitrogen	0.5 mg/L	EPA 351.2	0.1	000522/BW
Inorganic Nitrogen	ND mg/L	Calculation	0.05	000524/SF
Total Nitrogen	0.5 mg/L	Calculation	0.2	000522/BW

ND = None detected at RL (Reporting Limit). RL units same as result.

cc:


 ESB Project Reviewer