

Bolsa Chica
HUNBCC

Huntington 8-59
Harbor

Huntington Harbor downstream of
the outlet of Bolsa Chica Channel

259

STATION	DATE	Depth feet	Cd µg/L	Cr µg/L	Cu µg/L	Pb µg/L	Ni µg/L	Ag µg/L	Zn µg/L
HUNBCC	8/13/91								
	6/30/92								
	11/18/92								
	12/7/92		<20	<30	25	39	<40	<10	130
	12/7/92	5.9	<20	<30	60	96	<40	<10	320
	12/9/92		<20	<30	<20	<2	<40	10	28
	12/11/92		<20	<30	<20	<4	<40	<10	56
	12/11/92	9.8	<20	<30	<20	<4	<40	<10	28
	4-DAY AVERAGE (D)		<20	<30	>30	>48	<40	<10	174
	1/8/93		<20	<30	<20	5.1	<40	<10	35
	1/8/93	12.8	<20	<30	<20	<2	<40	<10	47
	1/10/93		<20	<30	<20	<2	<40	<10	31
	1/10/93	14.1	<20	<30	<20	11	<40	<10	56
	1/12/93		<20	<30	<20	<2	<40	11	32
	1/12/93	12.1	<20	<30	<20	<2	<40	12	24
	4-DAY AVERAGE (D)		<20	<30	<20	>3.7	<40	>4	42.3
	6/15/93								
	10/21/93								
	2/17/94		<5	43	63	44	<40	<10	260
	2/17/94	11.8	<5	23	53	20	<40	<10	190
	2/19/94		<5	14	14	6.9	<40	<10	100
	2/19/94	10.5	<5	11	18	2.8	<40	14	54
	2/21/94		<5	<10	<20	3.5	<40	<10	57
	2/21/94	12.8	<5	<10	<20	<2	<40	<10	28
	4-DAY AVERAGE (D)		<5	11.3	>23.7	>7.6	<40	>4.7	90.7
	3/19/94		<5	16	<20	9.8	<40	<10	69
	3/19/94	11.2	<5	19	46	25	<40	<10	200
	3/21/94		<5	<10	<20	<2	<40	13	56
	3/21/94	12.8	<5	<10	<20	<2	<40	10	26
	3/23/94		<5	<10	<20	<2	<40	18	24
	3/23/94		<5	<10	<20	<2	<40	21	28
	4-DAY AVERAGE (D)		<5	6.3	>15.3	>8.3	<40	>10.3	84.7

Bolsa Chica
HUNBCC

STATION	DATE	Depth feet	Cd µg/L	Cr µg/L	Cu µg/L	Pb µg/L	Ni µg/L	Ag µg/L	Zn µg/L
HUNBCC	10/30/96		0.9	4	18	14	13	<0.9	142
	10/30/96	12.8	0.3	<2	4	4	<4	<0.9	38
	11/1/96		<0.1	4	4	2	<4	<0.1	27
	11/1/96	12.2	<0.1	5	5	5	<4	<0.1	26
	11/3/96		0.2	5	8	0.3	<4	<0.1	24
	11/3/96	10.8	<0.1	6	<3	0.4	<4	<0.1	14
	4-DAY AVERAGE (D		>0.1	>3.7	>3	3.1	<4	<0.4	26.7
	1/23/97		<0.1	<3	4	5	<5	<0.1	23
	1/23/97	13.8	<0.1	<3	<3	2	<5	<0.1	8
	1/25/97		<0.1	<3	<3	0.4	8	<0.1	8
	1/25/97	12.2	<0.1	<3	<3	0.7	8	<0.1	5
	1/27/97		<0.1	<3	6	0.8	<5	<0.1	17
	1/27/97	12.8	<0.1	<3	<3	0.8	8	<0.1	11
	4-DAY AVERAGE (D		<0.1	<3	<3	1.2	>5.3	<0.1	8
	4/29/97								
	10/2/97								
	1/29/98								
	1/29/98	12.5	<10	10.6	14.1	23.7	<10	<10	75.9
	1/29/98	12.5	<10	<10	16.5	19.8	46.1	<10	92.1
	1/31/98								
	1/31/98	13.4	<10	<10	14.1	<10	<10	<10	<50
	1/31/98	13.4	<10	<10	12.8	<10	<10	<10	<50
	2/2/98								
	2/2/98	12.5	<10	<10	10.3	<10	<10	<10	<50
	2/2/98	12.5	<10	<10	<10	<10	<10	<10	<50
			<10	>3.5	>9.8	>6.6	>15.4	<10	>30.7
	5/13/98								
	5/13/98	9.5	<2	22.6	43.1	33.6	18.2	<2	209
	5/13/98	9.5	<2	<10	9.87	<2	<10	<2	14.6
	5/15/98								
	5/15/98	7.5	<2	<10	15.9	<2	<10	<2	16.7
	5/15/98	7.5	<2	<10	16.3	<2	11.4	<2	20.6
	5/17/98								
	5/17/98	9.2	<2	<10	14.7	<2	11.3	<2	23
	5/17/98	9.2	<2	<10	13.2	<2	<10	<2	14.4
			<2	<10	13.1	<2	>3.8	<2	16.5

Bolsa Chica
HUNBCC

STATION	DATE	Depth feet	Cd µg/L	Cr µg/L	Cu µg/L	Pb µg/L	Ni µg/L	Ag µg/L	Zn µg/L
HUNBCC	6/25/98								
	10/21/98	12.4							
	3/25/99	9.3	<1	<8	17.4	2.64	11.7	<2	29.7
	3/25/99	9.8	<1	<8	11.5	<2	11.4	<2	15.0
	3/27/99	9.3	<1	<8	12.2	<2	11.5	<2	13.3
	3/27/99	7.5	<1	<8	11.9	<2	11.7	<2	11.6
	3/29/99	9.9	<1	<8	12.8	<2	<4	<2	<10
	3/29/99	10.5	<1	<8	11.3	<2	<4	<2	<10
			<1	<8	11.2	<2	>7.4	<2	>8.9
	6/24/99	7.4							
	10/27/99	9.9							
	2/23/00	13.0	<1	11.5	24.2	<2	14.7	<2	18.7
	2/23/00		<1	12.1	24.6	<2	15.7	<2	19.7
	2/25/00	9.3	<1	13.5	24.1	4.79	11.4	<2	39.4
	2/25/00		<1	12.0	23.4	3.12	11.6	<2	31.3
	2/27/00	13.5	<1	8.7	22.9	<2	12.7	<2	11.3
	2/27/00		<1	9.0	23.1	<2	13.4	<2	13.5
			<1	11.0	16.4	>1.0	13.57	<2	21.5
	6/28/00	12.3							

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STATION	Location Descriptio		1999	2000	2001	2002
			AB 411 SINGLE SAMPLE	AB 411 SINGLE SAMPLE	AB 411 SINGLE SAMPLE	AB 411 SINGLE SAMPLE
SEAL BEACH (surfzone)						
OSB02	Projection of 1st Street	TC	1/51	0/52	2/58	1/33
		EC	6/41	0/52	2/58	1/33
		ENT	7/40	9/52	9/58	4/33
OSB03	Projection of 8th Street	TC	2/51	0/52	0/58	0/33
		EC	3/40	2/52	1/58	0/33
		ENT	3/40	4/52	7/58	0/33
OSB04	Projection of 14th Street	TC	2/51	0/52	0/58	0/33
		EC	2/40	0/52	0/58	0/33
		ENT	1/40	2/52	2/58	0/33
OSB01	Projection of Sea Way	TC	0/51	0/52	0/58	0/33
		EC	0/40	0/52	0/58	0/33
		ENT	0/40	2/52	1/58	0/33
SUNSET BEACH (surfzone)						
OSB01	Projection of Broadway	TC	0/51	0/52	0/58	0/33
		EC	0/40	0/52	0/58	0/33
		ENT	0/40	0/52	1/58	0/33
HUNTINGTON HARBOUR (In Harbour)						
BHH08	Bolsa Bay	TC	1/40	0/52	0/58	0/33
		EC	2/40	3/52	2/58	0/33
		ENT	2/40	1/52	2/58	1/33
MHH07	Sunset Aquatic Marina	TC	4/40	4/52	7/58	2/33
		EC	4/40	4/52	9/58	4/33
		ENT	4/40	6/52	12/58	3/33
BHH15	Mother's Beach	TC	3/40	1/52	5/58	2/33
		EC	6/40	4/52	5/58	1/33
		ENT	5/40	3/52	4/58	1/33
BHH12	Trinidad Lane Beach	TC	3/40	2/52	2/58	0/33
		EC	2/40	2/52	3/58	1/33
		ENT	2/40	2/52	3/58	1/33
BHH09	Sea Gate	TC	0/40	0/52	0/58	0/33
		EC	0/40	0/52	0/58	0/33
		ENT	0/40	1/52	2/58	1/33
BHH06	Humboldt Beach	TC	1/40	1/52	2/58	0/33
		EC	2/40	0/52	3/58	0/33
		ENT	1/40	0/52	4/58	0/33
MHH10	Davenport Beach	TC	2/40	1/52	3/58	1/33
		EC	4/40	3/52	3/58	0/33
		ENT	3/40	3/52	3/58	0/33
MHH01	Clubhouse Marina	TC	1/40	2/52	8/58	3/33
		EC	2/40	3/52	16/58	4/33
		ENT	2/40	4/52	13/58	1/33
BHH13	Harbour Channel	TC	4/40	3/52	3/58	1/33
		EC	2/41	3/52	2/58	4/33
		ENT	8/40	6/52	7/58	4/33
BHH04	11th Street Beach	TC	3/40	2/52	3/58	0/33
		EC	4/40	7/52	6/58	0/33
		ENT	6/40	8/52	13/58	2/33
BHH11	Admiralty Drive	TC	3/40	1/52	3/58	0/33
		EC	2/40	1/52	4/58	0/33
		ENT	2/40	2/52	8/58	4/33
MHH14	Anderson Street Marina	TC	6/40	4/52	5/58	2/33
		EC	6/40	2/52	4/58	3/33
		ENT	6/51	4/52	7/58	0/33
BHH05	Anaheim Bay - Gas Dock	TC	1/40	0/52	1/58	1/33
		EC	3/40	1/52	1/58	1/33
		ENT	1/40	3/52	7/58	1/33
BHH16	Coral Cay Beach	TC	0/20	1/52	3/58	0/33
		EC	2/20	2/52	5/58	0/33
		ENT	2/20	2/52	4/58	2/33
OSB05	100 Yards South of Pier	TC	not sampled	not sampled	0/4	0/33
		FC	not sampled	not sampled	0/4	0/33
		ENT	not sampled	not sampled	0/4	0/33

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Site Name		2002 TOTAL EXCEEDANCES
SEAL BEACH (surfzone)		
OSB02	1st Street	5
OSB03	8th Street	0
OSB05	100 Yards South of Pier	0
OSB04	14th Street	0
OSB01	Sea Way	0
SUNSET BEACH (surfzone)		
OSUB1	Broadway	0
HUNTINGTON HARBOUR (in Harbour)		
BHH08	Bolsa Bay	1
MHH07	Sunset Aquatic Marina	5
BHH15	Mother's Beach	3
BHH12	Trinidad Lane Beach	2
BHH09	Sea Gate Lagoon	1
BHH06	Humboldt Beach	0
MHH10	Davenport Beach	1
MHH01	Clubhouse Marina	5
BHH13	Harbour Channel	5
BHH04	11th Street Beach	2
BHH11	Admiralty Drive	4
MHH14	Anderson Street Marina	4
BHH05	Anaheim Bay - Gas Dock	2
BHH16	Coral Cay Beach	2
NEWPORT COAST (surfzone)		
ONB29	Corona Del Mar State Beach	3
ONB31	Little Corona Beach	4
ONB35	Pelican Point	1
ONB39	Crystal Cove	2
ONB43	Muddy Creek	0
ONB45	El Morro Beach	0
HUNTINGTON BEACH (surfzone)		
39N	Bolsa Chica Beach	1
33N	Bolsa Chica Reserve	3
27N	Bluffs	6
21N	17th Street	6
15N	Jacks Snack Bar	5
12N	Beach Blvd.	2
9N	SCE Plant	13
6N	Magnolia Street	37
3N	Brookhurst	20
0	Santa Ana River Mouth	7
NEWPORT BEACH (surfzone)		
3S	Orange Street	8
6S	52nd/53rd Street	5
9S	38th Street	4
12S	Newport Pier	7
15S	15th/16th Street	1
21S	Balboa Pier	1
27S	The Wedge	1
29S	Corona Del Mar Beach	6
39S	Crystal Cove	1

Site Name		2001 TOTAL EXCEEDANCES
SEAL BEACH (surfzone)		
OSB02	1st Street	9
OSB03	8th Street	7
	100 Yards South of Pier	0
OSB04	14th Street	2
OSB01	Sea Way	1
SUNSET BEACH (surfzone)		
OSUB1	Broadway	1
HUNTINGTON HARBOUR (In Harbour)		
BHH08	Bolsa Bay	1
MHH07	Sunset Aquatic Marina	14
BHH15	Mother's Beach	6
BHH12	Trinidad Lane Beach	4
BHH09	Sea Gate Lagoon	2
BHH06	Humboldt Beach	5
MHH10	Davenport Beach	3
MHH01	Clubhouse Marina	17
BHH13	Harbour Channel	8
BHH04	11th Street Beach	13
BHH11	Admiralty Drive	9
MHH14	Anderson Street Marina	8
BHH05	Anahaim Bay - Gas Dock	7
BHH16	Coral Cay Beach	6
NEWPORT COAST (surfzone)		
ONB29	Corona Del Mar State Beach	4
ONB31	Little Corona Beach	6
ONB35	Pelican Point	2
ONB39	Crystal Cove	2
ONB43	Muddy Creek	1
ONB45	El Morro Beach	2
HUNTINGTON BEACH (surfzone)		
OHB39 / 39N	Bolsa Chica Beach	6
OHB33 / 33N	Bolsa Chica Reserve	4
OHB27 / 27N	Bluffs	7
OHB21 / 21N	17th Street	8
OHB15 / 15N	Jacks Snack Bar	10
OHB12/12N	Beach Blvd.	14
OHB09 / 9N	SCE Plant	15
OHB06 / 6N	Magnolia Street	28
OHB03 / 3N	Brookhurst	27
ONB00 / 0	Santa Ana River Mouth	9
NEWPORT BEACH (surfzone)		
ONB03 / 3S	Orange Street	9
ONB06 / 6S	52nd/53rd Street	3
ONB09 / 9S	38th Street	5
ONB12/12S	Newport Pier	6
ONB15 / 15S	15th/16th Street	7
ONB21 / 21S	Balboa Pier	6
ONB27 / 27S	The Wedge	5
ONB29 / 29S	Corona Del Mar Beach	7
ONB39 / 39S	Crystal Cove	0

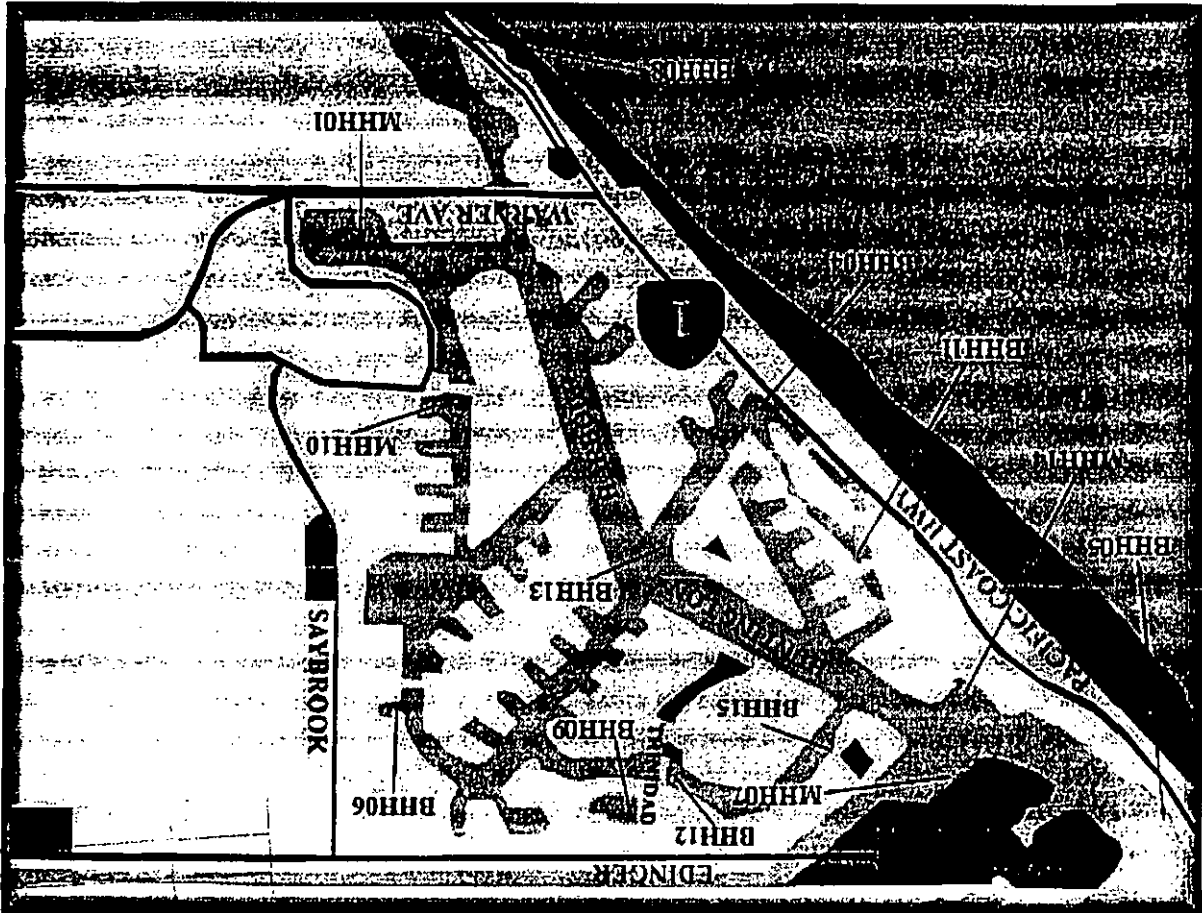
Site Name		2000 TOTAL EXCEEDANCES
SEAL BEACH (surfzone)		
OSB02	1st Street	9
OSB03	8th Street	6
	100 Yards South of Pier	not listed
OSB04	14th Street	2
OSB01	Sea Way	2
SUNSET BEACH (surfzone)		
OSUB1	Broadway	0
HUNTINGTON HARBOUR (in Harbour)		
BHH08	Bolsa Bay	4
MHH07	Sunset Aquatic Marina	7
BHH15	Mother's Beach	7
BHH12	Trinidad Lane Beach	5
BHH09	Sea Gate Lagoon	1
BHH06	Humboldt Beach	1
MHH10	Davenport Beach	4
MHH01	Clubhouse Marina	9
BHH13	Harbour Channel	8
BHH04	11th Street Beach	10
BHH11	Admiralty Drive	2
MHH14	Anderson Street Marina	6
BHH05	Anaheim Bay - Gas Dock	3
BHH16	Coral Cay Beach	2
NEWPORT COAST (surfzone)		
ONB29	Corona Del Mar State Beach	0
ONB31	Little Corona Beach	4
ONB35	Pelican Point	1
ONB39	Crystal Cove	2
ONB43	Muddy Creek	1
ONB45	El Morro Beach	4
HUNTINGTON BEACH (surfzone)		
OHB39 / 39N	Bolsa Chica Beach	7
OHB33 / 33N	Bolsa Chica Reserve	5
OHB27 / 27N	Bluffs	10
OHB21 / 21N	17th Street	10
OHB15 / 15N	Jacks Snack Bar	7
OHB12/12N	Beach Blvd.	not listed
OHB09 / 9N	SCE Plant	23
OHB06 / 6N	Magnolia Street	31
OHB03 / 3N	Brookhurst	34
ONB00 / 0	Santa Ana River Mouth	16
NEWPORT BEACH (surfzone)		
ONB03 / 3S	Orange Street	13
ONB06 / 6S	52nd/53rd Street	6
ONB09 / 9S	38th Street	5
ONB12/12S	Newport Pier	not listed
ONB15 / 15S	15th/16th Street	7
ONB21 / 21S	Balboa Pier	6
ONB27 / 27S	The Wedge	3
ONB29 / 29S	Corona Del Mar Beach	5
ONB39 / 39S	Crystal Cove	1

Site Name		1999 TOTAL EXCEEDANCES
SEAL BEACH (surfzone)		
OSB02	1st Street	10
OSB03	8th Street	5
	100 Yards South of Pier	not listed
OSB04	14th Street	3
OSB01	Sea Way	0
SUNSET BEACH (surfzone)		
OSUB1	Broadway	0
HUNTINGTON HARBOUR (in Harbour)		
BHH08	Bolsa Bay	3
MHH07	Sunset Aquatic Marina	6
BHH15	Mother's Beach	9
BHH12	Trinidad Lane Beach	6
BHH09	Sea Gate Lagoon	1
BHH06	Humboldt Beach	3
MHH10	Davenport Beach	7
MHH01	Clubhouse Marina	3
BHH13	Harbour Channel	10
BHH04	11th Street Beach	7
BHH11	Admiralty Drive	5
MHH14	Anderson Street Marina	11
BHH05	Anaheim Bay - Gas Dock	3
BHH16	Coral Cay Beach	3
NEWPORT COAST (surfzone)		
ONB29	Corona Del Mar State Beach	0
ONB31	Little Corona Beach	4
ONB35	Pelican Point	0
ONB39	Crystal Cove	0
ONB43	Muddy Creek	0
ONB45	El Morro Beach	0
HUNTINGTON BEACH (surfzone)		
OHB39 / 39N	Bolsa Chica Beach	4
OHB33 / 33N	Bolsa Chica Reserve	3
OHB27 / 27N	Bluffs	1
OHB21 / 21N	17th Street	1
OHB15 / 15N	Jacks Snack Bar	7
OHB12/12N	Beach Blvd.	not listed
OHB09 / 9N	SCE Plant	36
OHB06 / 6N	Magnolia Street	34
OHB03 / 3N	Brookhurst	18
ONB00 / 0	Santa Ana River Mouth	7
NEWPORT BEACH (surfzone)		
ONB03 / 3S	Orange Street	1
ONB06 / 6S	52nd/53rd Street	4
ONB09 / 9S	38th Street	3
ONB12/12S	Newport Pier	not listed
ONB15 / 15S	15th/16th Street	2
ONB21 / 21S	Balboa Pier	1
ONB27 / 27S	The Wedge	1
ONB29 / 29S	Corona Del Mar Beach	3
ONB39 / 39S	Crystal Cove	1

Location of Sampling Sites

BHH04 = 1th St. Beach
 BHH06 = Humboldt Beach
 MHH10 = Davenport Beach
 BHH12 = Trinidad Lane Beach
 MHH14 = Anderson Street Marina
 BHH15 = Mother's Beach
 BHH08 = Bolsa Bay
 MHH07 = Sunset aquatic Marina
 BHH09 = Sea Gate
 MHH01 = Clubhouse-Marina
 BHH13 = Harbour Channel
 BHH11 = Admiralty Drive Channel
 BHH05 = Anaheim Bay - Gas Dock

MAIN MAP HOME INFO SITE LOCATION



Select a Sampling Site

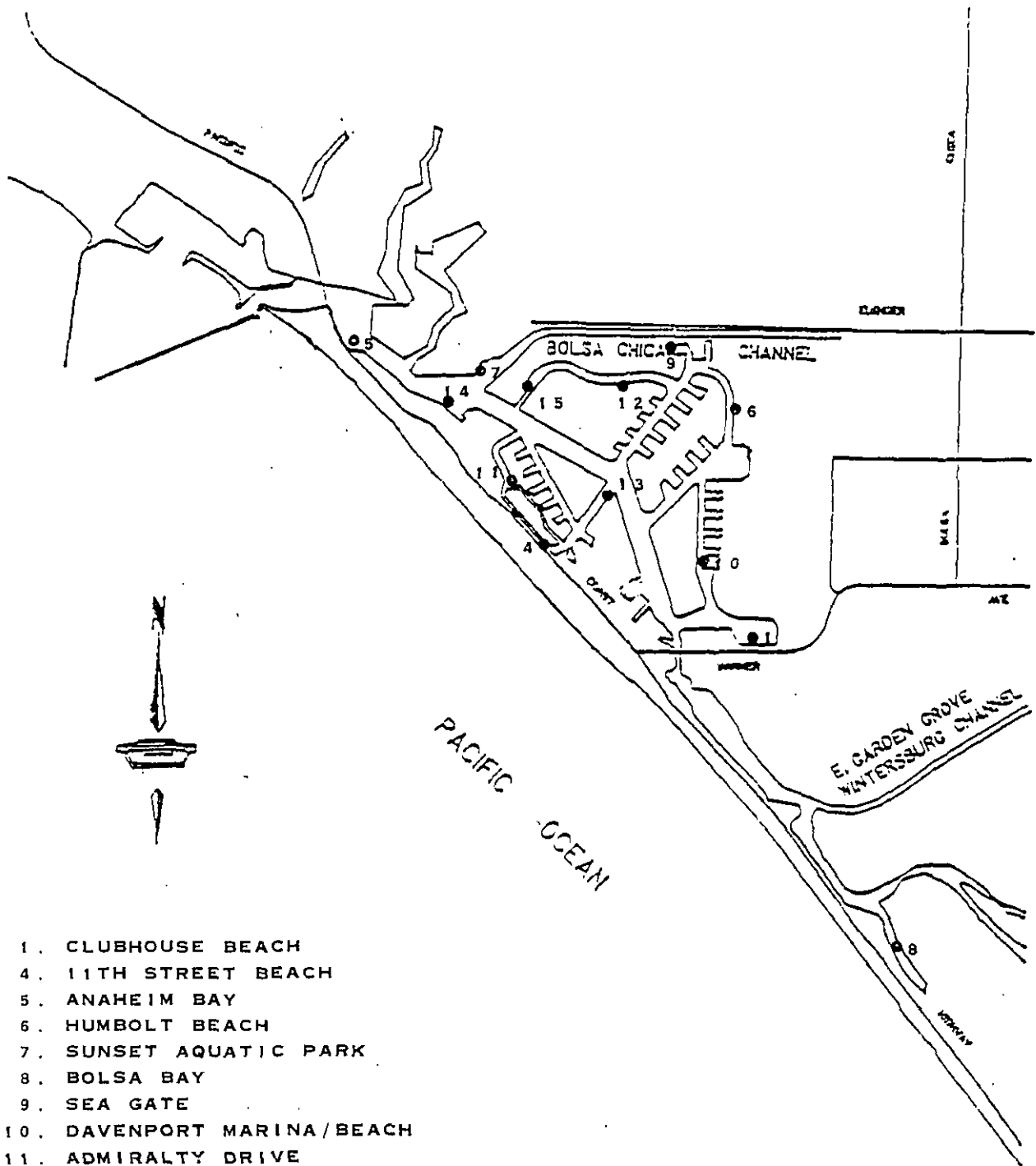
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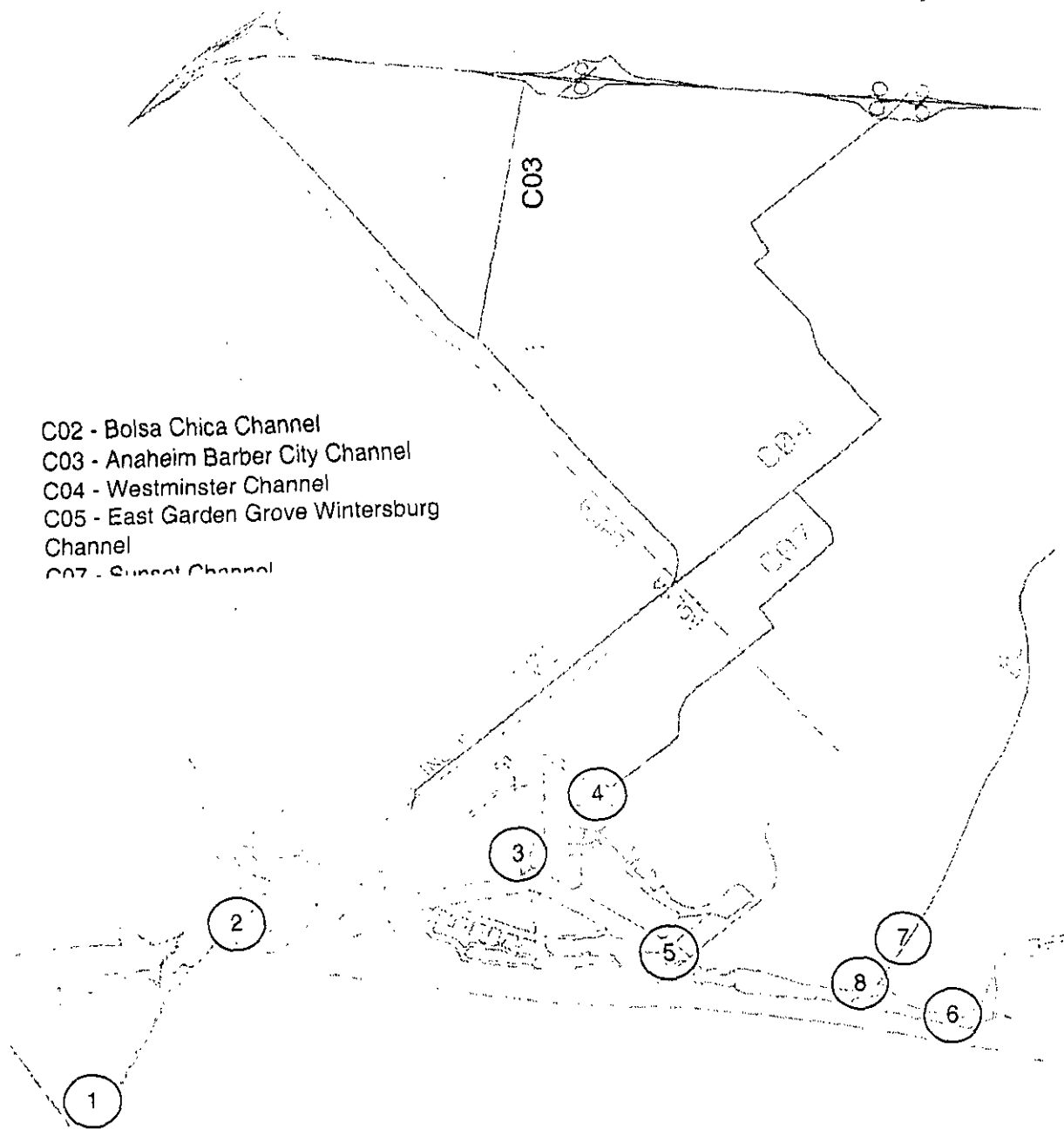
Anaheim Bay

for the

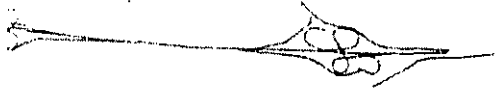
HCA/ENVIRONMENTAL HEALTH
 BACTERIOLOGICAL WATER SAMPLING STATIONS IN HUNTINGTON HARBOUR



1. CLUBHOUSE BEACH
4. 11TH STREET BEACH
5. ANAHEIM BAY
6. HUMBOLT BEACH
7. SUNSET AQUATIC PARK
8. BOLSA BAY
9. SEA GATE
10. DAVENPORT MARINA/BEACH
11. ADMIRALTY DRIVE
12. TRINIDAD LANE BEACH
13. HARBOR CHANNEL
14. ANDERSON STREET
15. MOTHER'S BEACH



- C02 - Bolsa Chica Channel
- C03 - Anaheim Barber City Channel
- C04 - Westminster Channel
- C05 - East Garden Grove Wintersburg Channel
- C07 - Sunset Channel



**Huntington Harbour /
Bolsa Bay Monitoring
Locations**

- 1 HUNHAR
- 2 HUNSUN
- 3 HUNBCC
- 4 HUNCRB
- 5 HUNWAR
- 6 BBOLR
7. TGUC05
8. TGDC05

Receiving Water Body	Parameter Name	Number of times above std.	Standard (ppb) ^(10/10)	Source of Standard
Huntington Harbor/Edinger St.	Hg	0 / 2	1.00 ppm wet weight	FDA
Huntington Harbor/Warner Ave. Bridge	Hg	0 / 2	1.00 ppm wet weight	FDA
Anaheim Bay/Navy Marsh	Hg	0 / 1	1.00 ppm wet weight	FDA
Huntington Harbor/Edinger St.	Aldrin	0 / 2	0.33	MTRL's in enclosed bays and estuaries
Huntington Harbor/Warner Ave. Bridge	Aldrin	0 / 2	0.33	"
Anaheim Bay/Navy Marsh	Aldrin	0 / 2	0.33	"
Huntington Harbor/Edinger St.	Dieldrin	2 / 2	0.7	"
Huntington Harbor/Warner Ave. Bridge	Dieldrin	2 / 2	0.7	"
Anaheim Bay/Navy Marsh	Dieldrin	2 / 2	0.7	"
Huntington Harbor/Edinger St.	Endosulfan I	0 / 2	64,800	"
Huntington Harbor/Warner Ave. Bridge	Endosulfan I	0 / 2	64,800	"
Anaheim Bay/Navy Marsh	Endosulfan I	0 / 2	64,800	"
Huntington Harbor/Edinger St.	Endosulfan II	0 / 2	64,800	"
Huntington Harbor/Warner Ave. Bridge	Endosulfan II	0 / 2	64,800	"
Anaheim Bay/Navy Marsh	Endosulfan II	0 / 2	64,800	"
Huntington Harbor/Edinger St.	Endosulfan Sulfate	0 / 2	64,800	"
Huntington Harbor/Warner Ave. Bridge	Endosulfan Sulfate	0 / 2	64,800	"
Anaheim Bay/Navy Marsh	Endosulfan Sulfate	0 / 2	64,800	"
Huntington Harbor/Edinger St.	alpha HCH	0 / 2	1.7	"
Huntington Harbor/Warner Ave. Bridge	alpha HCH	0 / 2	1.7	"
Anaheim Bay/Navy Marsh	alpha HCH	0 / 2	1.7	"
Huntington Harbor/Edinger St.	beta HCH	0 / 2	6	"
Huntington Harbor/Warner Ave. Bridge	beta HCH	0 / 2	6	"
Anaheim Bay/Navy Marsh	beta HCH	0 / 2	6	"

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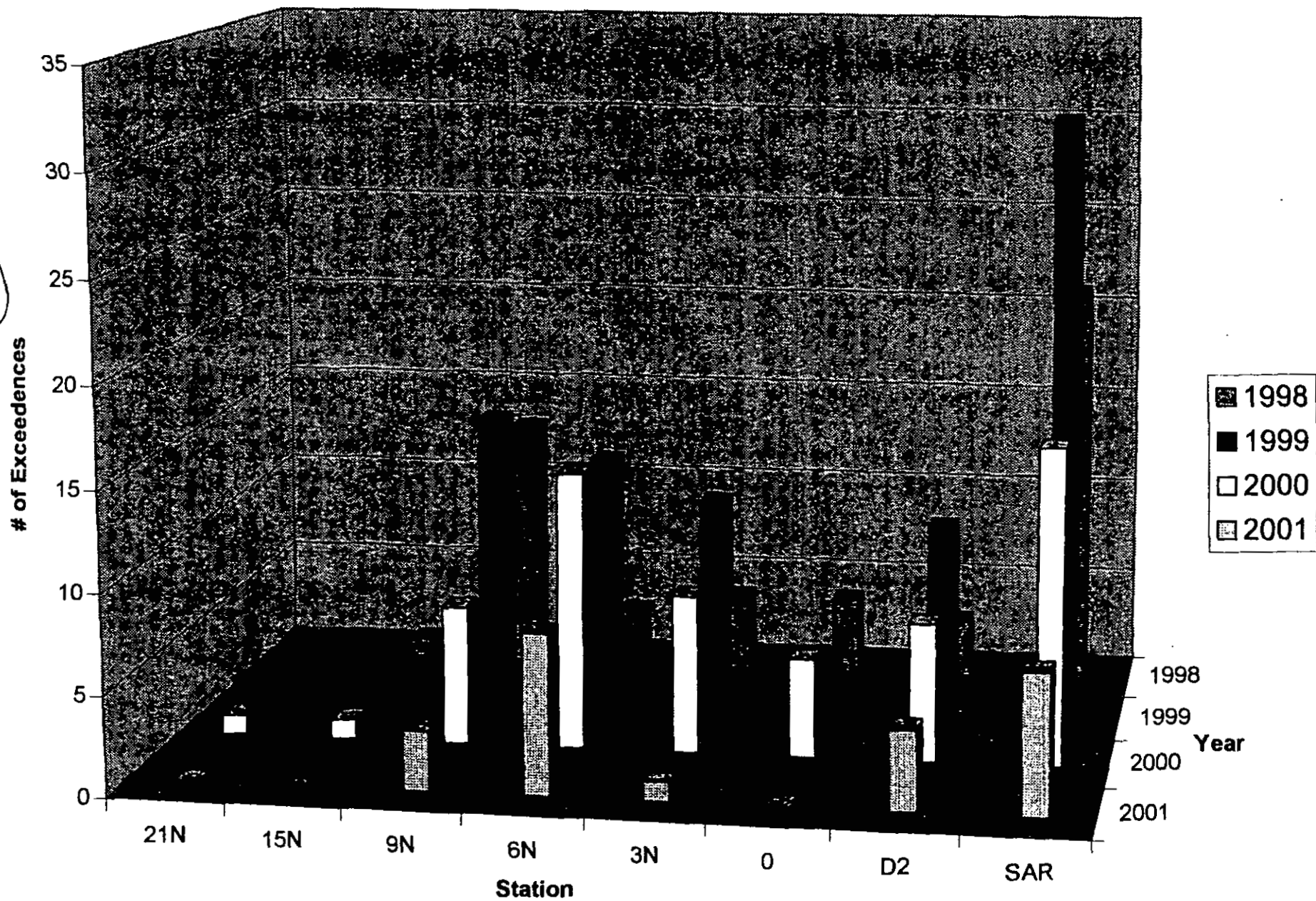
Huntington Harbor
8-63

Receiving Water Body	Parameter Name	Number of times above std.	(ppb) Standard ^{ug/kg}	Source of Standard
Huntington Harbor/Edinger St.	gamma HCH	0 / 2	8.2	MTRL's in enclosed bays and estuaries
Huntington Harbor/Warner Ave. Bridge	gamma HCH	0 / 2	8.2	"
Anaheim Bay/Navy Marsh	gamma HCH	0 / 2	8.2	"
Huntington Harbor/Edinger St.	heptachlor	0 / 2	2.3	"
Huntington Harbor/Warner Ave. Bridge	heptachlor	0 / 2	2.3	"
Anaheim Bay/Navy Marsh	heptachlor	0 / 2	2.3	"
Huntington Harbor/Edinger St.	heptachlor epoxide	0 / 2	1.2	"
Huntington Harbor/Warner Ave. Bridge	heptachlor epoxide	0 / 2	1.2	"
Anaheim Bay/Navy Marsh	heptachlor epoxide	0 / 2	1.2	"
Huntington Harbor/Edinger St.	hexachlorobenzene	0 / 2	6.7	"
Huntington Harbor/Warner Ave. Bridge	hexachlorobenzene	0 / 2	6.7	"
Anaheim Bay/Navy Marsh	hexachlorobenzene	0 / 2	6.7	"
Huntington Harbor/Edinger St.	PCB total	2 / 2	5.3	"
Huntington Harbor/Warner Ave. Bridge	PCB total	2 / 2	5.3	"
Anaheim Bay/Navy Marsh	PCB total	2 / 2	5.3 5.3	"
Hun Har/Ed. St.	toxaphene	1 / 2	9.8	"
Hun Har/Warner	"	1 / 2	9.8	"
Anaheim Bay/NM	"	0 / 2	9.8	"

Huntington Harbor 8-10-02

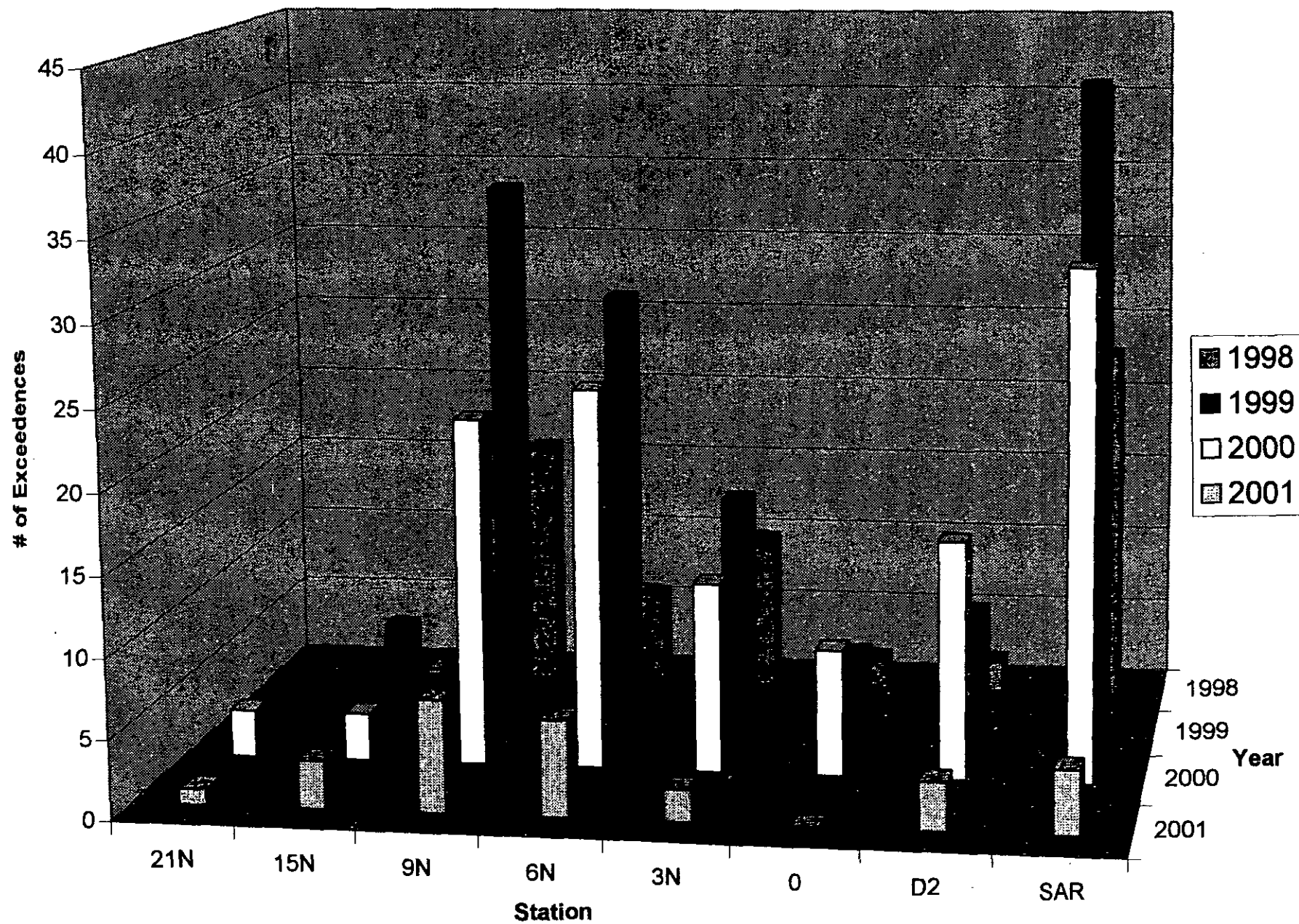
Fecal Coliform Exceedences (>400) by Year

658



1998
1999
2000
2001
Year

Enterococci Exceedences (>104) by Year



Thousands of feet north of SAR

0 3 6 9 12 15

TC (Total coliform)	OK	
FC (Fecal coliform)	V	Scenario 1: Box 17
Ent (Enterococcus)	V	
Posting		
	(+/- 500')	

TC	OK	OK	
FC	V	V	Scenario 2: Box 22 (2), 24
Ent	V	V	
Posting			
	2N	7N	

TC	OK	OK	OK	
FC	V	V	OK	Scenario 3: Box 22(1), 24
Ent	V	V	V	
Posting				
	(-1000' from 6N)	5N	12.5N	

TC	OK	OK	
FC	V	OK	Scenario 4: Box 23
Ent	V	V	
Posting			
	(+/- 500')	(+/- 150')	

Blank= no violations; OK=no single sample standard violation; V=violation of single sample standard

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9. Huntington Beach State Park:

- Beneficial Uses: REC 1 AND REC 2, MAR
- Hydrologic Unit: 801.11
- Total Water Body Size: 3 miles
- Size Impaired: Unknown at this time
- Extent of Impairment: Unknown at this time
- Data Analyses:
 - Coastal Fish Contamination Data:*
 - Shiner Surfperch – 1/1 exceeded the MTRL ddepp_w standard of 32 ug/kg
 - Barred Surfperch – 0/1 exceeded the MTRL endosulfan standard of 64.8 mg/kg
 - Barred Surfperch – 0/1 exceeded the NAS endosulfan standard of 0.1 ug/g
 - Shiner Surfperch – 0/1 exceeded the MTRL endosulfan standard of 64.8 mg/kg
 - Shiner Surfperch – 0/1 exceeded the NAS endosulfan standard of 0.1 ug/g
 - Barred Surfperch – 0/1 exceeded the “MTRLs in Enclosed Bays” ddepp_w standard of 32.0 ug/kg

Huntington Harbor / Anaheim Bay

Huntington Beach Pier

- Data Analyses:
 - Coastal Fish Contamination Data:*
 - Yellowfin Croaker – 1/1 exceeded the “MTRLs in Enclosed Bays” ddepp_w standard of 32.0 ug/kg
 - Yellowfin Croaker (pier)- 1/1 exceeded the MTRL Hg standard of 0.00037 ug/g
 - Yellowfin Croaker (pier) – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
 - Yellowfin Croaker (pier) – 0/1 exceeded the FDA Hg standard of 1.0 ug/g
 - Barred Surfperch (pier) – 1/1 exceeded the MTRL Hg standard of 0.00037 ug/g
 - Barred Surfperch (pier) – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
 - Barred Surfperch (pier) – 0/1 exceeded the FDA Hg standard of 1.0 ug/g
 - Shiner Surfperch (pier) -1/1 exceeded the MTRL Hg standard of 0.00037 ug/g

- Shiner Surfperch (pier) – 0/1 exceeded the NAS Hg standard of 0.5 ug/g
- Shiner Surfperch (pier) – 0/1 exceeded the FDA Hg standard of 1.0 ug/g
- Yellowfin Croaker (pier) – 0/1 exceeded the MTRL endosulfan standard of 64.8 mg/kg
- Yellowfin Croaker (pier) – 0/1 exceeded the NAS endosulfan standard of 0.1 ug/g

Huntington City Beach

- Orange County Health Care Agency:
 - Dog Beach posted 1 time in 3 years during wet season- Heal the Bay Report Card grade unavailable these segment of the beach.
 - Bluffs posted 0 times in 3 years – Heal the Bay Report Card grade is A for dry and D for wet seasons.
 - 17th Street Beach posted 0 times in 3 years – Heal the Bay Report Card grade is A for dry and F for wet seasons.
 - Jack's Snackbar Beach posted 0 times in 3 years – Heal the Bay Report Card grade is A for dry and D for wet seasons.
 - Guardlife station #9, 6, 1, 11, 15, and 24 posted 0 times in 3 years – Heal the Bay Report Card grade unavailable for these segments of the beach.
 - 150 feet up and down coast of of Huntington Street posted 0 times in 3 years. Heal the Bay Report Card grade is unavailable for this segment of the beach.
 - 500 feet up and down coast of Hunt Street posted 0 times in 3 years. Heal the Bay Report Card grade unavailable for this segment of the beach.
- Potential Sources: Unknown at this time
- Recommendation:
 - List Dog Beach, Huntington State Beach (from Newland Ave to Santa Ana River) on 303(d) list for impairment of REC 1, 2 beneficial uses due to bacterial contamination
 - Overall, more fish tissue 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: High
- TMDL Start Date: 2007
- TMDL End Date: 2011

Sample ID	NewStation Number	NEWSTATION NAME	MISC STATION INFO	Data Reporting Year	SPECIES CODE	SPECIES NAME	SKIN PREP	NEW LAT	NEW LONG	COLLECTION DATE	Special Treatment	N (Number per sample)	>25%	Length (1) mm
99-0532-t	8020	Huntington Beach Pier		Year1	YC	Yellowfin Croaker	N	33 39.42	118 00.22	30-Mar-99		5.00		207
99-1467-t	8030	Huntington Beach		Year2	BRS	Barred Surfperch	N	33 39.86	118 01.34	20-Oct-99		10.00		133
99-1468-t	8030	Huntington Beach		Year2	SHS	Shiner Surfperch	S	33 39.86	118 01.34	20-Oct-99		10.00		109
99-0821-t	8040	Newport Beach		Year1	WSP	Walleye Surfperch	S	33 36.10	117 55.20	22-Jun-99		3.00		183
99-0948-t	8040	Newport Beach		Year1	BRS	Barred Surfperch	N	33 36.10	117 55.20	4-Aug-99		5.00		125
99-0949-t	8040	Newport Beach		Year1	CC	California Corbina	N	33 36.10	117 55.20	4-Aug-99		5.00		173
99-1994-t	8040	Newport Beach		Year2	BRS	Barred Surfperch	N	33 36.10	117 55.20	11-Nov-99		10.00		143
99-1995-t	8040	Newport Beach		Year2	SHS	Shiner Surfperch	S	33 36.10	117 55.20	11-Nov-99		10.00		110
99-1993-t	8040	Newport Beach		Year2	WC	White Croaker	N	33 36.10	117 55.20	11-Nov-99		5.00		172
99-0774-t	8050	Newport Pier		Year1	STR	Spotted Turbot	S	33 36.35	117 55.95	16-Jun-99		3.00		223
99-0950-t	8050	Newport Pier		Year1	BRS	Barred Surfperch	N	33 36.35	117 55.95	4-Aug-99		5.00		125
99-0951-t	8050	Newport Pier		Year1	CC	California Corbina	N	33 36.35	117 55.95	4-Aug-99		5.00		184
99-0952-t	8050	Newport Pier		Year1	YC	Yellowfin Croaker	N	33 36.35	117 55.95	4-Aug-99		3.00		150
99-1998-t	8050	Newport Beach Pier		Year2	BRS	Barred Surfperch	N	33 36.29	117 55.73	11-Nov-99		10.00		146
99-1996	8050	Newport Beach Pier		Year2	WC	White Croaker	N	33 36.29	117 55.73	11-Nov-99		5.00		169
99-0764-t	8060	Balboa Pier		Year1	WSP	Walleye Surfperch	S	33 36.05	117 54.07	9-Jun-99		5.00		160
99-0773-t	8060	Balboa Pier		Year1	DT	Diamond Turbot	S	33 36.05	117 54.07	15-Jun-99		5.00		261
00-0449-t	8060	Balboa Pier		Year2	BRS	Barred Surfperch	N	33 35.89	117 54.13	6-Apr-00		3.00	Y	179
00-0453-t	8060	Balboa Pier		Year2	DT	Diamond Turbot	S	33 35.89	117 54.13	6-Apr-00		4.00		246
99-0729-t	8070	Newport Jetty		Year1	SSF	Spotted Scorpionfish	N	33 35.52	117 52.83	19-May-99		5.00		135
99-0730-t	8070	Newport Jetty		Year1	STR	Spotted Turbot	S	33 35.52	117 52.83	19-May-99		5.00		190
99-1268-t	8070	Newport Jetty		Year2	BLS	Black Surfperch	N	33 35.84	117 52.82	14-Oct-99		5.00		120
99-1269-t	8070	Newport Jetty		Year2	SHS	Shiner Surfperch	S	33 35.84	117 52.82	14-Oct-99		10.00		97
99-1266-t	8070	Newport Jetty		Year2	STR	Spotted Turbot	S	33 35.84	117 52.82	14-Oct-99		5.00		183
99-0725-t	8080	Newport Bay/above PCH Br		Year1	DT	Diamond Turbot	S	33 37.26	117 53.84	19-May-99		5.00		200
99-0749-t	8080	Newport Bay/above PCH Br		Year1	SHS	Shiner Surfperch	N	33 37.26	117 53.84	27-May-99		5.00		126
99-1265-t	8080	Newport Bay/above PCH Br		Year2	SHS	Shiner Surfperch	S	33 36.48	117 54.04	13-Oct-99		10.00		101
99-1264-t	8080	Newport Bay/above PCH Br		Year2	STR	Spotted Turbot	S	33 36.48	117 54.04	13-Oct-99		5.00		206
99-1263-t	8080	Newport Bay/above PCH Br		Year2	YC	Yellowfin Croaker	N	33 36.48	117 54.04	13-Oct-99		4.00		252
99-1215-t	8100	Emma Oil Platform		Year2	BLS	Black Surfperch	N	33 39.75	118 02.71	5-Oct-99		4.00		267
99-1214-t	8100	Emma Oil Platform		Year2	KB	Kelp Bass	N	33 39.75	118 02.71	5-Oct-99		5.00		325
99-1217-t	8100	Emma Oil Platform		Year2	OPE	Opaleye	N	33 39.75	118 02.71	5-Oct-99		5.00		311
99-0765-t	8110	Anaheim Bay		Year1	DT	Diamond Turbot	S	33 43.90	118 04.22	8-Jun-99		5.00		235
99-1260-t	8110	Anaheim Bay		Year2	BLS	Black Surfperch	N	33 43.73	118 04.65	13-Oct-99		5.00		148
99-1262-t	8110	Anaheim Bay		Year2	SHS	Shiner Surfperch	S	33 43.73	118 04.65	13-Oct-99		10.00		106
99-1259-t	8110	Anaheim Bay		Year2	YC	Yellowfin Croaker	N	33 43.73	118 04.65	13-Oct-99		4.00		242
00-0672-t	8130	Esther Oil Platform		Year2	BLS	Black Surfperch	N	33 43.16	118 06.81	17-May-00		5.00		260
00-0673-t	8130	Esther Oil Platform		Year2	KB	Kelp Bass	N	33 43.16	118 06.81	17-May-00		5.00		312

Sample ID	Length (2) mm	Length (3) mm	Length (4) mm	Length (5) mm	Length (6) mm	Length (7) mm	Length (8) mm	Length (9) mm	Length (10) mm	Length (11) mm	Length (12) mm	Length (13) mm	Length (14) mm	Length (15) mm	Length (16) mm	Length (17) mm	Length (18) mm	Length (19) mm	Length (20) mm	Weight (1) g	
99-0532-t	208	209	258	267																	
99-1467-t	134	134	135	136	138	138	140	144	144												99.21
99-1468-t	111	112	113	113	116	117	118	119	121												31.62
99-0821-t	168	161																			12.41
99-0948-t	135	135	138	147																	108.39
99-0949-t	187	188	189	190																	31.14
99-1994-t	146	149	152	153	156	158	159	160	162												38.02
99-1995-t	115	116	116	117	117	118	119	119	121												41.54
99-1993-t	173	175	176	179																	13.85
99-0774-t	217	215																			53.50
99-0950-t	128	130	133	135																	145.90
99-0951-t	184	195	204	213																	28.92
99-0952-t	155	147																			58.89
99-1998-t	147	147	148	148	149	152	152	153	153												35.00
99-1996	174	179	181	183																	45.67
99-0764-t	164	165	167	205																	43.20
99-0773-t	216	230	236	225																	64.31
00-0449-t	170	264																			217.50
00-0453-t	242	234	222																		76.80
99-0729-t	140	155	165	175																	176.00
99-0730-t	195	205	225	225																	45.48
99-1268-t	127	129	130	139																	99.97
99-1269-t	98	99	101	102	103	103	105	107	108												23.00
99-1266-t	194	202	227	230																	9.51
99-0725-t	200	210	220	220																	65.10
99-0749-t	133	135	137	148																	109.69
99-1265-t	102	102	103	103	104	105	105	105	106												24.84
99-1264-t	208	209	210	234																	10.24
99-1263-t	259	300	320																		99.60
99-1215-t	284	290	298																		149.00
99-1214-t	326	334	336	338																	439.00
99-1217-t	331	334	341	380																	445.00
99-0765-t	237	240	245	261																	557.00
99-1260-t	154	156	157	162																	165.00
99-1262-t	110	110	110	112	113	114	115	118	120												65.50
99-1259-t	295	299	300																		12.69
00-0672-t	262	270	286	290																	155.00
00-0673-t	316	324	336	356																	378.00
																					342.00

Santa Ana Region 8
2001 WQA/303 D List Update
Supporting Data
Huntington Harbor
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Sample ID	Weight (2) g	Weight (3) g	Weight (4) g	Weight (5) g	Weight (6) g	Weight (7) g	Weight (8) g	Weight (9) g	Weight (10) g	Weight (11) g	Weight (12) g	Weight (13) g	Weight (14) g	Weight (15) g	Weight (16) g	Weight (17) g	Weight (18) g	Weight (19) g	Weight (20) g	Total Weight g	Ag_w µg/g	
99-0532-t	104.35	106.32	163.33	197.86																		NA
99-1467-t	33.21	33.85	37.13	37.65	38.57	39.47	42.31	42.84	50.77													NA
99-1468-t	12.51	13.99	15.03	15.35	17.04	17.58	17.70	19.56	21.56													NA
99-0821-t	74.24	68.62																				NA
99-0948-t	34.68	37.20	39.30	45.60																		NA
99-0949-t	48.81	49.18	51.33	57.97																		NA
99-1994-t	45.52	47.42	49.88	51.49	51.96	54.99	55.77	55.83	60.45													NA
99-1995-t	14.11	14.50	14.94	15.09	15.52	16.03	18.13	20.06	20.28													NA
99-1993-t	54.30	57.90	58.00	63.00																		NA
99-0774-t	126.00	124.00																				NA
99-0950-t	30.68	33.90	34.82	38.06																		NA
99-0951-t	59.92	60.45	70.45	83.41																		NA
99-0952-t	45.95	29.00																				NA
99-1998-t	46.40	46.56	47.03	47.80	48.70	50.01	53.20	54.97	55.66													NA
99-1996	50.20	52.70	56.60	60.90																		NA
99-0764-t	68.49	68.52	68.69	136.99																		NA
99-0773-t	165.26	157.22	146.88	156.54																		NA
00-0449-t	53.40	303.00																				NA
00-0453-t	170.00	166.00	122.00																			NA
99-0729-t	49.69	68.89	77.36	85.08																		NA
99-0730-t	103.72	135.35	142.00	174.18																		NA
99-1268-t	31.20	33.30	36.40	44.10																		NA
99-1269-t	10.59	10.73	11.16	11.90	12.06	13.57	13.73	14.05	14.23													NA
99-1266-t	84.10	119.00	143.00	143.00																		NA
99-0725-t	123.80	124.82	125.99	139.26																		NA
99-0749-t	35.85	35.98	36.83	47.85																		NA
99-1265-t	11.20	11.45	11.49	11.77	11.77	11.94	12.18	12.33	12.39	15.56	16.06	16.10										NA
99-1264-t	105.00	118.00	139.00	149.00																		NA
99-1263-t	183.00	261.00	337.00																			NA
99-1215-t	508.00	511.00	599.00																			NA
99-1214-t	497.00	507.00	507.00	574.00																		NA
99-1217-t	574.00	627.00	771.00	1020.00																		NA
99-0765-t	187.86	190.02	196.06	233.71																		NA
99-1260-t	70.20	73.20	77.80	79.70																		NA
99-1262-t	14.00	14.24	14.45	15.20	15.30	18.13	21.97	22.34	23.60													NA
99-1259-t	314.00	340.00	413.00																			NA
00-0672-t	406.00	415.00	517.00	569.00																		NA
00-0673-t	386.00	497.00	542.00	729.00																		NA

Sample ID	As_w µg/g	Cd_w µg/g	Cr_w µg/g	Cu_w µg/g	Hg_w µg/g	Ni_w µg/g	Pb_w µg/g	Se_w µg/g	Zn_w µg/g	% Moisture MLML	ANALYSES	PWATF	PLIPF	aldrn_w ng/g	ccdan_w ng/g	tcdan_w ng/g
99-0532-t	0.3860	-0.0010	NA	NA	0.0826	NA	NA	0.3110	NA	78.54	M	79.30	0.50	-1.00	-2.00	-2.00
99-1467-t	0.9033	-0.0020	NA	NA	0.0315	NA	NA	0.2846	NA	78.25	MO	78.80	0.66	-1.00	-2.00	-2.00
99-1468-t	0.7873	0.0062	NA	NA	-0.0150	NA	NA	0.3671	NA	74.99	MO	75.00	3.07	-1.00	-2.00	-2.00
99-0821-t	0.6180	0.0042	NA	NA	0.0984	NA	NA	0.4060	NA	74.97	M	76.60	3.48	-1.00	-2.00	-2.00
99-0948-t	0.8110	-0.0010	NA	NA	0.0400	NA	NA	0.4970	NA	77.29	M	78.50	1.34	-1.00	-2.00	-2.00
99-0949-t	0.4490	-0.0010	NA	NA	0.0316	NA	NA	0.3500	NA	78.39	M	79.60	0.60	-1.00	-2.00	-2.00
99-1994-t	0.6011	-0.0020	NA	NA	0.0317	NA	NA	0.3333	NA	77.53	MO	77.50	1.33	-1.00	-2.00	-2.00
99-1995-t	1.1298	0.0072	NA	NA	-0.0150	NA	NA	0.4035	NA	74.48	MO	75.30	4.18	-1.00	2.35	-2.00
99-1993-t	0.7783	-0.0020	NA	NA	0.0223	NA	NA	0.3110	NA	77.65	MO	78.30	1.16	-1.00	-2.00	-2.00
99-0774-t	2.6900	0.0040	NA	NA	0.0420	NA	NA	0.3230	NA	78.47	M	76.60	0.29	-1.00	-2.00	-2.00
99-0950-t	1.0600	-0.0010	NA	NA	0.0388	NA	NA	0.4570	NA	77.05	M	78.10	1.86	-1.00	-2.00	-2.00
99-0951-t	0.4110	-0.0010	NA	NA	0.0247	NA	NA	0.2750	NA	78.48	M	79.60	0.64	-1.00	-2.00	-2.00
99-0952-t	0.5290	0.0045	NA	NA	0.0565	NA	NA	0.2940	NA	80.12	M	80.10	0.45	-1.00	-2.00	-2.00
99-1998-t	0.5771	-0.0020	NA	NA	0.0298	NA	NA	0.2763	NA	77.28	MO	77.70	1.06	-1.00	-2.00	-2.00
99-1996	0.6680	-0.0020	NA	NA	0.0316	NA	NA	0.3314	NA	77.11	MO	77.90	1.67	-1.00	-2.00	-2.00
99-0764-t	0.5870	-0.0010	NA	NA	0.1280	NA	NA	0.2880	NA	78.00	M	77.70	2.75	-1.00	-2.00	-2.00
99-0773-t	4.0000	-0.0010	NA	NA	0.0817	NA	NA	0.3750	NA	77.56	M	78.90	0.31	-1.00	-2.00	-2.00
00-0449-t	0.9109	0.0038	NA	NA	0.0483	NA	NA	0.3744	NA	78.53	MO	79.10	0.75	-1.00	-2.00	-2.00
00-0453-t	3.0943	0.0020	NA	NA	0.0646	NA	NA	0.5890	NA	80.72	MO	80.40	0.36	-1.00	-2.00	-2.00
99-0729-t	0.2020	-0.0010	NA	NA	0.0449	NA	NA	0.1060	NA	79.21	MO	81.40	0.21	-1.00	-2.00	-2.00
99-0730-t	3.1200	-0.0010	NA	NA	0.0383	NA	NA	0.2570	NA	78.75	M	78.50	0.46	-1.00	-2.00	-2.00
99-1268-t	0.7736	-0.0020	NA	NA	0.0223	NA	NA	0.3312	NA	78.81	MO	79.70	0.85	-1.00	-2.00	-2.00
99-1269-t	0.9065	0.0053	NA	NA	-0.0150	NA	NA	0.3442	NA	76.92	MO	77.40	2.37	-1.00	-2.00	-2.00
99-1266-t	3.6733	-0.0020	NA	NA	0.0459	NA	NA	0.3189	NA	76.08	MO	77.30	0.73	-1.00	-2.00	-2.00
99-0725-t	1.8800	-0.0010	NA	NA	-0.0150	NA	NA	0.9310	NA	78.45	M	79.60	0.33	-1.00	-2.00	-2.00
99-0749-t	0.6720	-0.0010	NA	NA	-0.0150	NA	NA	0.2500	NA	81.88	M	78.40	0.86	-1.00	2.08	-2.00
99-1265-t	0.9693	0.0079	NA	NA	0.0420	NA	NA	0.4953	NA	73.45	MO	73.30	3.17	-1.00	4.37	-2.00
99-1264-t	1.7747	-0.0020	NA	NA	-0.0150	NA	NA	0.8655	NA	77.06	MO	76.80	0.55	-1.00	-2.00	-2.00
99-1263-t	0.5851	-0.0020	NA	NA	0.1040	NA	NA	0.4394	NA	77.69	MO	77.70	0.57	-1.00	-2.00	-2.00
99-1215-t	1.3151	-0.0020	NA	NA	0.0545	NA	NA	0.2566	NA	73.78	MO	75.10	3.82	-1.00	-2.00	-2.00
99-1214-t	0.7769	-0.0020	NA	NA	0.0941	NA	NA	0.3487	NA	76.47	MO	77.70	1.14	-1.00	-2.00	-2.00
99-1217-t	2.1609	-0.0020	NA	NA	0.0874	NA	NA	0.4087	NA	76.31	MO	77.40	0.75	-1.00	-2.00	-2.00
99-0765-t	3.0900	-0.0010	NA	NA	0.0561	NA	NA	0.3020	NA	78.42	M	78.50	0.26	-1.00	-2.00	-2.00
99-1260-t	0.3229	-0.0020	NA	NA	-0.0150	NA	NA	0.2483	NA	77.20	MO	77.70	0.91	-1.00	-2.00	-2.00
99-1262-t	1.0856	-0.0020	NA	NA	-0.0150	NA	NA	0.3142	NA	74.65	MO	75.40	4.36	-1.00	5.74	3.20
99-1259-t	0.8110	-0.0020	NA	NA	0.1074	NA	NA	0.2997	NA	77.10	MO	77.30	0.70	-1.00	-2.00	-2.00
00-0672-t	0.5954	-0.0020	NA	NA	0.0831	NA	NA	0.1948	NA	77.23	MO	77.20	1.25	-1.00	-2.00	-2.00
00-0673-t	0.6009	-0.0020	NA	NA	0.1019	NA	NA	0.3217	NA	76.62	MO	76.30	1.28	-1.00	-2.00	-2.00

Sample ID	mthox_w ng/g	mirex ng/g	CNONA_W ng/g	TNONA_W ng/g	oxadzn_w ng/g	ocdan_w ng/g	epara_w ng/g	mpara_w ng/g	tetra_w ng/g	toxap_w ng/g	pcb1248_w ng/g	pcb1254_w ng/g	pcb1260_w ng/g
99-0532-t	-10.00	-3.00	-2.00	2.84	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	63.00	-10.00
99-1467-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	12.00	-10.00
99-1468-t	-5.00	-3.00	-2.00	3.05	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	75.00	10.00
99-0821-t	-10.00	-3.00	-2.00	1.84	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	53.30	-10.00
99-0948-t	-10.00	-3.00	-2.00	1.05	-6.00	2.76	-8.00	-6.00	-4.00	-50.00	-50.00	28.30	-10.00
99-0949-t	-10.00	-3.00	-2.00	-1.00	-6.00	1.72	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
99-1994-t	5.92	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	19.00	-10.00
99-1995-t	-5.00	-3.00	2.81	5.64	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	86.00	11.00
99-1993-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	21.00	-10.00
99-0774-t	-10.00	-3.00	-2.00	-1.00	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	31.00	-10.00
99-0950-t	-10.00	-3.00	-2.00	2.25	-6.00	6.19	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
99-0951-t	-10.00	-3.00	-2.00	1.70	-6.00	5.54	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
99-0952-t	-10.00	-3.00	-2.00	1.49	-6.00	1.21	-8.00	-6.00	-4.00	-50.00	-50.00	16.00	-10.00
99-1998-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	14.30	-10.00
99-1996	-5.00	-3.00	-2.00	1.42	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	82.00	-10.00
99-0764-t	-10.00	-3.00	-2.00	2.06	1.56	-1.00	14.60	-6.00	-4.00	-50.00	-50.00	45.00	-10.00
99-0773-t	-10.00	-3.00	-2.00	-1.00	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
00-0449-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	23.00	-10.00
00-0453-t	-5.00	-3.00	-2.00	1.48	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	-10.00	-10.00
99-0729-t	-10.00	-3.00	-2.00	-1.00	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
99-0730-t	-10.00	-3.00	-2.00	-1.00	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
99-1268-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	14.00	-10.00
99-1269-t	-5.00	-3.00	-2.00	3.48	-3.00	-1.00	-2.00	5.03	-2.00	-20.00	-50.00	39.00	-10.00
99-1266-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	14.00	-10.00
99-0725-t	-10.00	-3.00	-2.00	-1.00	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	48.00	-10.00
99-0749-t	-10.00	-3.00	-2.00	5.33	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	80.00	14.00
99-1265-t	-5.00	-3.00	3.37	8.20	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	11.00	-10.00
99-1264-t	-5.00	-3.00	-2.00	1.34	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	30.00	-10.00
99-1263-t	-5.00	-3.00	-2.00	1.34	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	30.00	-10.00
99-1215-t	-5.00	-3.00	-2.00	2.53	-3.00	-1.00	-2.00	-4.00	2.50	-20.00	77.00	140.00	15.00
99-1214-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	34.00	-10.00
99-1217-t	-5.00	-3.00	-2.00	-1.00	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	17.00	-10.00
99-0765-t	-10.00	-3.00	-2.00	-1.00	-6.00	-1.00	-8.00	-6.00	-4.00	-50.00	-50.00	-10.00	-10.00
99-1260-t	-5.00	-3.00	-2.00	1.49	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	28.00	-10.00
99-1262-t	-5.00	-3.00	5.89	10.20	-3.00	1.20	-2.00	11.00	-2.00	-20.00	-50.00	160.00	18.00
99-1259-t	-5.00	-3.00	-2.00	2.37	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	49.00	-10.00
00-0672-t	-5.00	-3.00	-2.00	2.30	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	105.00	-10.00
00-0673-t	-5.00	-3.00	-2.00	1.74	-3.00	-1.00	-2.00	-4.00	-2.00	-20.00	-50.00	52.00	-10.00

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	
HUNWAR	8/13/91	12:00		51000	0.4	7.9	<0.20	0.70	<0.10	0.10	11	<5								
	6/30/92	11:50		50000	2.0	7.7	<0.20	<0.10	0.80	0.20	25	12								
	11/18/92	12:00	3.8	50000	1.9	8.0	0.14	0.44	0.50	0.31	91	22								
	12/7/92	11:15	S	14000	130.0	8.2	1.80	0.37	1.10	2.00	300	35	<20	<30	<20	17	<40	<10	77	
	12/7/92	13:00	S	12.5	12000	120.0	8.1	2.00	0.48	2.70	3.90	330	36	<20	<30	41	24	<40	11	150
	12/9/92	11:00	S	26000	6.8	7.9	1.20	0.37	0.53	0.55	58	24	<20	<30	<20	<2	<40	11	52	
	12/11/92	11:15	S	41000	1.9	7.9	<0.20	0.42	0.56	0.29	64	19	<20	<30	<20	<4	<40	<10	50	
	12/11/92	11:15	S	14.8	46000	4.0	8.0	<0.20	0.39	0.54	0.37	90	24	<20	<30	<20	<4	<40	11	26
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<20	<30	>20.5	>12	<40	11	88
	1/8/93	11:00	S	18000	13.0	7.9	1.30	0.25	0.63	0.49	52	21	<20	<30	<20	<2	<40	<10	37	
	1/8/93	11:00	S	11.2	27000	9.8	8.0	1.00	0.34	0.68	0.49	57	17	<20	<30	<20	<2	<40	<10	39
	1/10/93	11:45	S	25000	2.1	7.8	1.40	0.34	0.71	0.40	39	15	<20	<30	<20	<2	<40	<10	40	
	1/10/93	11:45	S	17.1	40000	2.6	8.0	0.40	0.45	0.66	0.18	71	8	<20	<30	<20	<2	<40	13	20
	1/12/93	13:45	S	35000	1.2	8.0	0.89	0.40	0.87	0.22	110	30	<20	<30	<20	<2	<40	11	48	
	1/12/93	13:45	S	15.4	45000	12.0	8.0	0.37	0.48	0.77	0.37	120	29	<20	<30	<20	<2	<40	14	26
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<20	<30	<20	<2	<40	>9	28.3
	6/15/93	10:15		48000	2.8	7.9	<0.20	0.41	0.69	0.26	120	38								
	10/21/93	12:05	S	46000	1.5	7.9	<0.20	0.34	0.86	0.19	120	38								
	2/17/94	9:20	S	24000	15.0	7.8	1.90	0.45	0.80	1.60	150	<5	<5	<10	<20	4	<40	<10	41	
	2/17/94	9:20	S	11.5									<5	<10	<20	3.7	<40	<10	44	
	2/19/94	11:15	S	24000	18.0	6.9	2.10	0.37	1.50	0.84	140	13	<5	<10	2.8	<2	<40	<10	32	
	2/19/94	11:15	S	14.1									<5	<10	9.4	3.5	<40	<10	33	
	2/21/94	9:30	S	27000	9.8	7.8	1.70	0.28	1.70	0.64	150	22	<5	16	<20	<2	<40	<10	20	
	2/21/94	9:30	S	12.1									<5	10	<20	<2	<40	<10	38	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<5	>3.3	>3	>2.4	<40	<10	38.3
	3/19/94	9:10	S	26000	46.0	7.9	2.70	0.55	1.90	1.70	89	68	<5	<10	<20	5.5	<40	<10	38	
	3/19/94	9:10	S	11.2									<5	17	63	39	<40	<10	250	
	3/21/94	10:45	S	40000	3.5	7.9	0.65	0.39	<0.20	<0.20	72	17	<5	<10	<20	<2	<40	16	140	
	3/21/94	10:45	S	9.5									<5	<10	<20	<2	<40	17	32	
	3/23/94	11:00	S	45000	3.6	8.0	0.41	0.25	0.23	0.42	58	16	<5	<10	<20	<2	<40	18	40	
	3/23/94	11:00	S	6.6									<5	<10	<20	<2	<40	18	60	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<5	>5.7	>21	>13	<40	>11.7	114

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
HUNWAR	4/13/94	10:30	S	47000	1.1	8.0	<0.20	0.40	1.50	0.48	85	40							
	11/8/94	11:30		51000	0.5	8.1	<0.20	<0.10	0.63	0.54	100	25							
	11/10/94	12:00	S	21000	48.0	7.9	5.00	0.59	1.80	0.58	89	22	<1	<10	8.1	8.2	<40	<0.3	40
	11/10/94	12:05	S	13.8									<1	<10	9.2	4	<40	<0.3	60
	11/12/94	8:30	S	34000	2.4	7.3	3.40	0.27	1.60	0.44	75	<5	<1	<10	35	<2	<40	<0.3	54
	11/12/94	8:35	S	13.8									<1	<10	28	9.1	<40	<0.3	82
	11/14/94	11:00	S	47000	0.5	7.8	0.81	0.33	0.97	0.33	<5	<5	<1	<10	8.6	<2	<40	<2	62
	11/14/94	11:05	S	12.8									<1	<10	3	<2	<40	<2	110
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																		
	3/11/95	9:00	S	9700	40.0	7.9	1.50	0.15	0.99	1.00	68	16	<1	<10	13.3	>1.3	<40	<0.86	84
	3/11/95	9:05	S	13.1									<1	<10	12	8	<40	<1	40
	3/13/95	9:30	S	21000	7.0	7.8	1.30	0.16	0.79	0.51	36	17	<1	<10	7.7	2.2	55	<1	41
	3/13/95	9:35	S	11.5									<1	<10	5.9	<2	<40	<1	37
	3/15/95	11:45	S	41000	3.3	8.2	1.10	0.31	0.89	0.46	56	34	<1	<10	5.5	<2	46	<1	16
	3/15/95	11:50	S	10.8									<1	<10	4	<2	<40	<1	36
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																		
	5/10/95	10:00		52000	1.6	7.8	<0.20	0.49	0.78	0.26	60	29			>2.6	>0.67	>33.3	<1	38
	10/11/95	10:45					<0.20	0.21	1.1	0.28									
	12/13/95	10:00	S	14000	27.0	7.2	6.90	1.50	2.50	1.10	59	21	<1	<10	6	5	<40	<1	47
	12/13/95	10:05	S	7.0	41000								<1	<10	8	<2	<40	<1	49
	12/15/95	9:30	S	37000	2.8	7.3	1.40	0.70	1.40	0.48	52	16	<1	<10	8	<2	<40	<1	28
	12/15/95	9:35	S	13.0	40000								<1	<10	8	<2	<40	<1	20
	12/17/95	8:45	S	43000	1.5	7.8	0.70	0.62	1.10	0.39	86	27	<1	<10	<5	<2	<40	<1	110
	12/17/95	8:50	S	13.4	44000								<1	<10	<5	<2	<40	<1	23
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																		
	3/5/96	8:45	S	21000	15.0	8.1	1.90	0.33	0.84	0.46	37	11	<1	<5	>5.3	<2	<40	<1	30.7
	3/5/96	8:50	S	13.0									<1	<5	4	<2	<4	1.5	37
	3/7/96	9:00	S	27000	1.5	8.1	1.40	1.20	0.62	0.32	44	13	<1	18	8	<2	<4	<1	46
	3/7/96	9:05	S	10.0									<1	5	21	3	5	<1	72
	3/9/96	10:00	S	36000	1.3	8.1	0.50	0.39	0.57	0.30	95	25	<1	6	10	10	9	<1	71
	3/9/96	10:05	S	9.2									<1	<5	3	5	5	<1	26
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																		
	5/1/96	9:45		40000	1.7	8.1	<0.20	0.11	0.51	0.21	100	31			7	>3.0	>4.7	<1	48
	10/9/96	10:50		41000	2.6	7.9	<0.2	0.44	<0.50	0.28	96	28							
	10/30/96	10:25	S	35000	3.4	8.1	1.0	0.48	0.97	<0.20	79	26	0.2	5	3	1	<4	<0.9	29
	10/30/96	10:25	S	15.2									<0.1	5	<3	0.6	<4	<0.9	11
	11/1/96	9:50	S	24000	10.0	7.0	4.5	<0.10	2.00	<0.20	44	18	0.3	<2	10	2	5	<0.1	46
	11/1/96	9:50	S	14.2									0.3	5	<3	1	<4	<0.1	23
	11/3/96	11:05	S	34000	1.2	7.9	0.9	0.22	0.56	0.48	81	24	<0.1	4	<3	0.4	<4	<0.1	13
	11/3/96	11:05	S	12.8									<0.1	5	<3	0.7	<4	<0.1	12
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																		
													<0.1	5	<3	<0.6	<4	<0.1	15.3

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L
HUNWAR	1/23/97	8:50	S	17000	21.0	8.1	1.2	0.28	0.70	0.41	43	11	<0.1	<3	<3	2	<5	<0.1	17
	1/23/97	8:50	S	15.8									<0.1	<3	<3	1	<5	<0.1	9
	1/25/97	10:35	S	32000	1.6	7.9	0.9	0.29	0.73	0.46	110	36	<0.1	<3	8	0.3	6	<0.1	22
	1/25/97	10:35	S	15.2									<0.1	<3	<3	0.9	<5	<0.1	7
	1/27/97	12:15	S	22000	3.9	7.9	1.3	0.27	0.87	0.49	82	31	<0.1	<3	7	0.7	<5	<0.1	20
	1/27/97	12:15	S	10.8									<0.1	<3	<3	0.7	8	<0.1	10
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<0.1	<3	<3	0.9	>2.6	<0.1	8.7
	4/29/97	9:05		46000	3.1	7.9	<0.8	<0.50	0.74	0.50	100	29							
	10/2/97	13:45	M	50000	3.2	7.9	<0.2	0.26	0.9	0.40	100	28							
	1/29/98	12:25	S	31000	10	7.8	1.7	0.42	1.2	0.39	68	28							
	1/29/98	12:25	S	12.1									<10	<10	13.8	<10	<10	<10	<50
	1/29/98	12:25	S/F	12.1									<10	<10	<10	<10	<10	<10	<50
	1/31/98	9:00	S	39000	2.5	7.8	0.43	0.29	0.6	0.27	85	29							
	1/31/98	9:00	S	14.1									<10	<10	<10	<10	<10	<10	<50
	1/31/98	9:00	S/F	14.1									<10	<10	<10	<10	<10	<10	<50
	2/2/98		S	43000	2.8	7.8	<0.2	<0.5	0.7	0.32	53	24							
	2/2/98		S	12.5									<10	<10	12.6	<10	<10	<10	<50
	2/2/98		S/F	12.5									<10	<10	<10	<10	<10	<10	<50
4-day average [dissolved metals]													<10	<10	<10	<10	<10	<10	<50
	5/13/98	9:56	S	12800	29	7.9	1.8	0.15	1.0	0.7	200	36							
	5/13/98	9:56	S	11.2									<2	<10	19.4	11.6	<10	<2	56.5
	5/13/98	9:56	S/F	11.2									<2	<10	12.8	<2	<10	<2	14.4
	5/15/98		S	26900	1.7	7.0	<0.5	0.07	1.0	0.15	170	32							
	5/15/98		S	7.9									<2	<10	15.3	<2	<10	<2	17.4
	5/15/98		S/F	7.9									<2	<10	15.5	<2	<10	<2	13
	5/17/98	9:30	S	41200	2.2	8.0	<0.5	<0.05	<1.0	0.12	280	44							
	5/17/98	9:30	S	10.5									<2	<10	14.8	2.32	<10	<2	41.4
	5/17/98	9:30	S/F	10.5									<2	<10	13.7	<2	<10	<2	25.5
4-day average [dissolved metals]													<2	<10	14.0	<2	<10	<2	17.6
	6/25/98		M	49200	1.8	7.9	<1.3	<0.05	<1.0	0.12	26	5							
	10/21/98	9:30	D	12.4															

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
HUNWAR	3/25/99	14:50	ST 9.3	46200	1.8	8.1	0.44	0.61	<0.05	0.061	70	12	<1	<8	20.3	5.96	12.2	<2	39.0	
	3/25/99		SF 9.8										<1	<8	11.8	<2	10.5	<2	13.4	
	3/27/99	9:40	ST 9.3	44600	0.9	8.0	<0.44	0.38	0.09	0.092	59	9	<1	<8	14.1	<2	12.1	<2	20.7	
	3/27/99		SF 9.8										<1	<8	13.3	<2	12.6	<2	15.1	
	3/29/99	10:45	ST 8.1	45600	1.0	8.1	<0.44	0.29	<0.05	0.122	82	12	<1	<8	14.7	<2	<4	<2	15.2	
	3/29/99		SF 8.5										<1	<8	12.2	<2	<4	<2	10.2	
														<1	<8	12.4	<2	>7.7	<2	12.9
	6/24/99	14:10	D 6.2	47100	2.7	8.1	<0.44	0.45	<0.05	0.184	73	8								
	10/27/99	10:30	ST 9.6	53100	1.2	7.9	<0.44	0.11	0.69	<0.061	110	32								
	2/23/00	13:26	ST 7.0	42300	7.6	8	<0.44	0.14	1.25	0.15	86	10	<1	12.0	23.9	<2	19.6	<2	14.6	
	2/23/00	13:26	SF											<1	12.9	24.4	<2	19.7	<2	17.4
	2/25/00	11:20	ST 9.6	26500	5.6	7.9	0.56	0.20	0.51	0.257	50	38	<1	11.3	24.9	5.37	10.8	<2	41.7	
	2/25/00	11:20	SF											<1	9.8	20.2	<2	10.9	<2	29.5
	2/27/00	10:00	ST 13.3	35200	4.3	8	<0.44	0.21	0.79	0.22	50	31	<1	8.9	22.6	<2	12.7	<2	15.0	
	2/27/00	10:00	SF											<1	9.2	21.6	<2	12.3	<2	32.6
													<1	10.7	22.0	<2	14.3	<2	25.6	
6/28/00	10:50	S 9.6	53600	5.6	7.9	<0.44	0.08	0.2	0.275	46	22									

Huntington Harbor

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd μg/L	Cr μg/L	Cu μg/L	Pb μg/L	Ni μg/L	Ag μg/L	Zn μg/L	
TGUC05	10/26/98	9:30	D	15100	7.7	8.3	<1.3	2.93	0.57	0.153	46	34								
	6/24/99	15:40	D	48300	2.6	8.2	<0.44	0.83	<0.05	0.285	98	10								
	6/28/00	13:00	D	1.0 53400	4.8	8.1	<0.44	0.072	1.4	0.337	36	14								

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L	
HUNHAR	12/7/92	15:00		29000	36.0	8.0	1.20	0.34	0.46	0.71	100	22	<20	<30	<20	<2	<40	16	34	
	12/9/92	10:00		46000	6.4	8.1	<0.20	<0.10	0.36	0.14	86	28	<20	<30	<20	<2	<40	13	16	
	12/11/92	10:30		48000	2.7	8.0	<0.20	0.28	0.33	0.11	110	29	<20	<30	<20	<4	<40	<10	17	
	1/8/92	10:15	S	39000	16.0	8.1	0.74	0.44	0.72	0.36	100	32	<20	<30	<20	<2	<40	12	22	
	1/10/93	9:15	S	44000	3.1	8.1	0.27	0.48	0.67	0.36	120	33	<20	<30	<20	<2	<40	11	20	
	1/12/93	13:15	S	48000	3.5	8.1	0.47	0.52	0.68	0.23	54	16	<20	<30	<20	<2	<40	14	24	
	2/17/94	10:30	S	39000	7.2	8.1	0.22	0.37	0.59	5.80	190	<5	<5	<10	<20	<2	<40	<10	19	
	2/19/94	9:55	S	31000	4.9	7.0	1.10	0.32	0.76	0.47	130	14	<5	<10	2.1	<2	<40	<10	48	
	2/21/94	10:50	S	41000	2.1	8.0	0.77	0.12	1.20	0.26	110	17	<5	<10	<20	<2	<40	10	21	
	3/19/94	10:30	S	48000	2.3	8.1	0.24	0.42	0.61	0.45	91	42	<5	<10	<20	<2	<40	<10	<10	
	3/21/94	12:10	S	45000	2.1	8.0	0.48	0.31	<0.20	0.31	77	<5	<5	<10	21	<2	<40	15	28	
	3/23/94	12:15	S	50000	2.2	8.1	0.31	0.26	0.47	0.37	88	24	<5	<10	<20	<2	<40	19	23	
	11/10/94	13:15	S	53000	3.0	8.2	<0.20	<0.10	0.60	<0.20	70	14	<1	<10	3	<2	<40	<0.3	20	
	11/12/94	10:00	S	51000	1.4	6.9	<0.20	<0.10	0.77	0.28	69	19	<1	<10	<10	<2	<40	<0.3	26	
	11/14/94	12:45	S	52000	1.4	8.2	<0.20	0.16	0.60	0.27	86	10	<1	<10	9	<2	<40	<2	17	
	3/11/95	9:45	S	20000	16.0	8.0	1.30	0.12	0.78	0.45	34	11	<1	<10	5	<2	<40	<1	20	
	3/13/95	11:15	S	39000	2.4	8.1	0.40	<0.10	0.34	0.25	59	19	<1	<10	<4	<2	<40	<1	16	
	3/15/95	10:30	S	50000	1.9	8.2	<0.20	0.29	0.58	0.25	80	40	<1	<10	<4	<2	<40	<1	13	
	12/13/95	9:35	S	40000	12.0	7.7	3.80	0.51	1.90	0.78	66	23	<1	<10	<4	<4	<2	<40	<1	
	12/15/95	8:45	S	44000	1.9	8.0	0.40	0.44	0.74	0.27	97	26	<1	<10	6	<2	<40	<1	11	
	12/17/95	9:45	S	48000	2.6	8.1	<0.20	0.35	0.76	<0.20	100	26	<1	<10	<5	<2	<40	<1	<10	
	3/5/96	9:55	S	44000	3.7	8.2	0.80	0.29	0.58	0.25	89	24	<1	<5	<2	8	<4	<1	24	
	3/7/96	10:30	S	39000	1.4	8.2	0.40	0.17	0.62	<0.20	100	24	<1	7	12	2	6	<1	38	
	3/9/96	9:10	S	41000	1.1	8.2	0.20	<0.10	<0.50	<0.20	100	24	<1	<5	<2	6	4	<1	22	
	10/30/96	11:15	S	61000	2.7	8.2	<0.2	0.33	0.57	<0.20	120	30	<0.1	5	<3	0.3	<4	<0.9	<2	
	11/1/96	9:20	S	35000	2.5	8.0	1.0	0.33	0.86	<0.20	59	22	<0.1	<2	<3	0.5	<4	<0.1	9	
	11/3/96	10:20	S	36000	1.7	8.0	0.5	0.12	<0.50	0.29	100	31	<0.1	5	<3	<0.1	<4	<0.1	6	
	1/23/97	10:35	S	41000	6.6	8.1	0.3	0.13	0.69	0.30	110	37	<0.1	<3	<3	0.6	7	<0.1	<2	
	1/25/97	9:55	S	44000	1.7	8.1	<0.2	<0.10	0.66	0.20	87	23	<0.1	<3	<3	0.2	8	<0.1	<2	
	1/27/97	11:05	S	41000	4.7	8.1	<0.8	<0.10	0.60	0.26	56	59	<0.1	<3	<3	0.5	8	<0.1	<2	
	2/23/00	14:30	ST	0.1	44100	5.4	8	<0.44	0.092	0.72	0.153	220	122	<1	13.3	122	<2	220	<2	421
	2/23/00	14:30	SF										<1	13.8	25.6	<2	22	<2	22.5	
	2/25/00	12:30	ST	0.1	45300	3	8	<0.44	0.094	0.84	0.0704	76	58	<1	11.5	25.3	<2	17.8	<2	<10
	2/25/00	12:30	SF										<1	9.69	21.5	<2	13.8	<2	<10	
	2/27/00	8:35	ST	0.1	48100	1.7	8	<0.44	0.078	1.1	<0.061	84	49	<1	9.76	25.1	<2	15.5	<2	<10
	2/27/00	8:35	SF										<1	10.1	24.8	<2	15.2	<2	11.6	
													<1	11.2	24.0	<2	17	<2	11.4	
	6/28/00	9:20	S	0.1	52800	4.4	8	<0.44	<0.05	0.58	0.122	21	15							

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Page	µg/L	µg/L	µg/L	µg/L
TGDC05	1/29/98	11:35	S	8400	25	7.8	4.6	0.66	2.0	0.49	58	21	<10	<10	12	14	<10	<10	85.5	
	1/29/98	11:35	S/F										<10	<10	<10	<10	<10	<10	<50	
	1/31/98	10:45	S	43000	4.6	8.0	<0.2	0.26	0.7	0.29	72	25	<10	<10	12.3	<10	<10	<10	<50	
	1/31/98	10:45	S/F										<10	<10	<10	<10	<10	<10	<50	
	2/2/98		S	42000	2.3	7.9	<0.2	<0.5	0.7	0.25	68	20	<10	<10	11	<10	<10	<10	<50	
	2/2/98		S/F										<10	<10	<10	<10	<10	<10	<50	
4-day average [dissolved metals]													<10	<10	<10	<10	<10	<10	<10	<50
	5/13/98	11:56	S	285	27	8.2	1.8	<0.05	1.6	0.83	72	28	<2	5.34	8.49	14.4	<10	<2	47	
	5/13/98	11:56	S/F										<2	<10	2.33	<2	<10	<2	<10	
	5/15/98		S	39400	1.3	8.4	<0.5	0.06	1.2	0.31	260	24	<2	<10	14.7	<2	<10	<2	<10	
	5/15/98		S/F										<2	<10	14.9	<2	<10	<2	23.5	
	5/17/98	12:00	S	42800	1.7	8.3	<0.5	<0.05	1.0	0.06	340	36	<2	<10	12.7	<2	<10	<2	11.6	
	5/17/98	12:00	S/F										<2	<10	12.7	<2	<10	<2	11.6	
4-day average [dissolved metals]													<2	<10	9.9	<2	<10	<2	>3.9	
	6/25/98		M	48300	1.8	7.9	<1.3	0.08	1.4	0.18	25	9								
	6/25/98		M	49800	8.9	8.0	<1.3	0.09	1.2	0.34	120	22								
	10/26/98	9:45	D S	47700	0.6	8.1	<1.3	0.98	0.06	0.245	18	12								
	3/25/99		ST S	8220	21	8.2	2.02	2.0	0.2	0.337	84	28	<1	<8	12.1	7.4	8.4	<2	82.4	
	3/25/99		SF S										<1	<8	5.02	<2	6.9	<2	16.7	
	3/27/99	11:40	ST S	28600	6.4	8.0	1.06	0.84	0.18	0.306	63	51	<1	<8	10.9	<2	10.1	<2	18.0	
	3/27/99		SF S										<1	<8	9.24	<2	17.8	<2	10.9	
	3/29/99	13:25	ST S	34900	5.2	8.2	<0.44	0.6	0.11	0.245	68	13	<1	<8	12.4	2.5	<4	<2	16.1	
	3/29/99		SF S										<1	<8	10.7	<2	<4	<2	<10	
4-day average [dissolved metals]													<1	<8	8.3	<2	>8.2	<2	>9.2	
	6/24/99	15:35	D S	50200	7.6	8.2	<0.44	0.68	<0.05	0.343	130	34								
	2/25/00	9:20	ST 1.0	33100	4.3	8.2	<0.44	0.134	0.64	0.187	52	36	<1	10.3	17.9	<2	10.4	<2	13.7	
	2/25/00	9:20	SF										<1	9.7	17.2	<2	10.7	<2	15.7	
	2/27/00	7:24	ST 1.0	28400	4.5	7.9	0.98	0.215	0.62	0.266	48	38	<1	9.3	16.5	<2	7.6	<2	19.1	
	2/27/00	0:00	SF										<1	9.3	15.8	<2	8.1	<2	17.6	

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Page	<i>30 of 45</i>	<i>30 of 45</i>	<i>30 of 45</i>	<i>30 of 45</i>		
BBOLR	8/14/91	9:30		54000	0.7	8.1	0.30	<0.10	<0.10	0.10	11	<5										
	6/30/92	11:45		53000	3.8	8.1	<0.20	0.10	2.30	0.30	46	20										
	11/18/92	15:15		49000	6.4	8.0	<0.20	0.50	0.53	0.35	100	25										
	1/8/93	14:30	S	20000	12.0	7.7	1.10	0.35	0.84	0.49	37	16	<20	<30	<20	<2	<40	<10	27			
	1/8/93	14:30	S	2.6	22000	14.0	7.8	0.36	0.69	0.36	57	18	<20	<30	<20	<2	<40	<10	30			
	1/10/93	13:30	S	27000	3.8	8.0	0.55	0.34	1.00	0.33	46	20	<20	<30	<20	<2	<40	<10	19			
	1/10/93	13:30	S	3.6	33000	7.4	8.0	0.43	0.44	0.80	0.21	55	21	<20	<30	<20	<2	<40	<10	50		
	1/12/93	16:15	S	33000	5.2	8.3	<0.20	0.30	1.00	0.37	100	31	<20	<30	<20	<2	<40	13	21			
	1/12/93	16:15	S	3.3	35000	4.5	8.2	0.24	0.29	0.68	0.45	12	12	<20	<30	<20	<2	<40	<10	29		
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																					
	6/15/93	13:20		48000	5.1	8.3	<0.20	0.26	2.20	1.40	88	28										
	10/21/93	13:00	S	46000	2.3	8.1	<0.20	0.31	1.30	0.37	100	40										
	2/17/94	11:45	S	17000	26.0	8.2	1.50	0.39	0.74	1.20	120	<5	<5	<10	<20	3.1	<40	<10	28			
	2/17/94	11:45	S										<5	<10	<20	2.3	<40	<10	25			
	2/19/94	13:30	S	27000	4.9	7.3	0.76	0.25	0.87	0.51	74	9	<5	<10	<20	<2	<40	<10	100			
	2/19/94	13:30	S	3.3									<5	<10	2.3	<2	<40	<10	17			
	2/21/94	12:00	S	29000	5.2	8.1	1.20	0.26	1.00	0.23	77	17	<5	12	<20	<2	<40	<10	15			
	2/21/94	12:00	S	2.0									<5	13	<20	<2	<40	<10	16			
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																					
	3/19/94	12:15	S	45000	60.0	8.9	0.33	0.35	1.00	1.00	190	41	<5	<10	<20	2.7	<40	<10	18			
	3/19/94	12:15	S	0.3									<5	<10	<20	6	<40	<10	21			
	3/21/94	13:30	S	44000	3.8	9.0	<0.20	0.23	<0.20	<0.20	80	14	<5	<10	<20	<2	<40	12	66			
	3/21/94	13:30	S	1.3									<5	<10	<20	<2	<40	14	21			
	3/23/94	13:30	S	47000	3.2	9.0	<0.20	0.14	0.40	0.61	73	25	<5	<10	<20	<2	<40	20	27			
	3/23/94	13:30	S										<5	<10	<20	<2	<40	16	18			
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																					
													<5	<10	<20	>2	<40	>10	20			

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Page	µg/L	µg/L	µg/L	µg/L
BBOLR	4/13/94	13:15	S	48000	1.6	8.4	<0.20	0.19	1.20	0.25	110	36								
	11/8/94	14:00		51000	1.6	8.3	<0.20	<0.20	1.00	0.32	76	14								
	11/10/94	14:00	S	39000	14.0	8.0	1.90	0.14	0.89	0.42	78	11	<1	17	3	4	45	<0.3	<10	
	11/10/94	14:05	S 1.8										<1	<10	4	<2	<40	<0.3	18	
	11/12/94	11:00	S	44000	1.7	7.0	0.60	<0.10	1.20	0.43	31	<5	<1	<10	<10	<2	<40	<0.3	24	
	11/12/94	11:05	S 1.8										<1	<10	<10	<2	<40	<0.3	25	
	11/14/94	13:45	S	46000	1.7	8.1	<0.20	0.15	0.95	0.39	79	10	<1	<10	5	<2	<40	<2	23	
	11/14/94	13:50	S 1.5										<1	<10	<2	<2	<40	<2	26	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	>1.3	<2	<40	<0.86	23
	3/11/95	10:45	S	14000	18.0	8.2	1.30	0.25	1.00	0.63	31	11	<1	<10	6	2	<40	<1	20	
	3/11/95	10:50	S 2.3										<1	<10	4	<2	48	<1	20	
	3/13/95	12:15	S	26000	2.6	8.7	<0.20	<0.10	0.89	0.44	47	18	<1	<10	<4	<2	<40	<1	<10	
	3/13/95	12:20	S 2.3										<1	<10	<4	<2	<40	<1	16	
	3/15/95	13:45	S	32000	2.6	8.8	<0.20	0.16	0.99	0.57	39	20	<1	<10	<4	<2	<40	<1	11	
	3/15/95	13:50	S 1.0										<1	<10	<4	<2	<40	<1	15	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	>1.3	<2	>16	<1	17
	5/10/95	11:45		52000	3.0	8.5	<0.20	0.42	0.69	0.55	69	26								
	10/11/95	13:15		51000	1.9	8.2	<0.20	0.16	0.73	0.27	94	34								
	12/13/95	12:00	S	19000	25.0	7.4	8.40	1.20	3.00	0.98	62	20	<1	<10	6	<2	<40	<1	63	
	12/13/95	12:05	S 1.2	35000									<1	<10	9	<2	<40	<1	55	
	12/15/95	11:00	S	39000	3.8	8.0	0.40	0.38	1.00	0.48	67	18	<1	<10	6	<2	<40	<1	<10	
	12/15/95	11:05	S 1.4	39000									<1	<10	8	<2	<40	<1	<10	
	12/17/95	11:00	S	40000	2.2	8.2	<0.20	0.48	1.60	0.43	83	22	<1	<10	<5	<2	<40	<1	<10	
	12/17/95	11:05	S 1.4	39000									<1	<10	<5	<2	<40	<1	14	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	>5.7	<2	<40	<1	>23
	3/5/96	11:00	S	34000	7.7	8.4	0.80	0.31	0.68	1.70	77	22	<1	<5	3	21	20	<1	31	
	3/5/96	11:05	S 2.1										<1	<5	5	<2	5	<1	30	
	3/7/96	11:00	S	30000	1.9	8.7	0.20	0.31	1.00	0.33	82	20	<1	<5	19	<2	3	<1	37	
	3/7/96	11:05	S 2.1										<1	<5	28	25	8	<1	54	
	3/9/96	12:00	S	34000	1.7	8.7	<0.20	<0.10	0.57	0.31	94	21	<1	<5	<2	<4	<4	<1	<10	
	3/9/96	12:05	S 1.2										<1	5	<2	5	4	<1	28	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	>1.7	>11	>10	5.7	<1	37.3
	5/1/96	12:10		40000	1.9	8.4	<0.20	0.11	0.90	0.45	110	33								
	10/9/96	12:55		39000	2.8	8.2	<0.2	0.14	1.40	0.63	83	24								

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L	
BBOLR	11/1/96	11:50	S	33000	3.7	7.9	1.3	0.33	1.10	0.73	66	22	0.4	4	<3	1	<4	<0.1	25	
	11/1/96	11:50	S 1.8										0.5	6	<3	1	<4	<0.1	33	
	11/3/96	13:00	S	34000	1.8	8.3	0.4	0.16	0.60	0.57	72	24	<0.1	5	<3	0.4	<4	<0.1	8	
	11/3/96	13:00	S 2.4										<0.1	6	<3	0.4	<4	<0.1	8	
2-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																				
	1/23/97	11:10	S	19000	21.0	8.1	1.4	0.17	0.74	0.51	62	19	<0.1	<3	<3	5	3	<5	<0.1	20
	1/23/97	11:10	S 2.7										<0.1	<3	<3	2	<5	<0.1	10	
	1/25/97	11:20	S	37000	3.2	8.2	<0.8	0.27	0.85	0.40	82	19	<0.1	<3	<3	0.8	6	<0.1	11	
	1/25/97	11:20	S 2.1										<0.1	<3	<3	1	8	<0.1	8	
	1/27/97	10:05	S	27000	5.3	8.1	<0.8	0.26	0.94	0.48	75	34	<0.1	<3	<3	1	6	<0.1	7	
	1/27/97	10:05	S 1.5										<0.1	<3	<3	1	7	<0.1	7	
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																				
	4/29/97	11:25		44000	2.7	8.0	<0.8	<0.50	0.96	0.55	110	29	<0.1	<3	<3	1.3	>5	<0.1	8.3	
	10/2/97	15:20	M	49000	2.3	8.2	<0.2	<0.1	1.4	0.74	130	32								
	1/29/98	11:20	S	46000	2.4	7.9	<0.2	0.52	0.9	0.24	86	31	<10	<10	12.6	<10	<10	<10	<50	
	1/29/98	11:20	S/F										<10	<10	12.4	<10	<10	<10	<50	
	1/31/98	10:15	S	45000	4.1	8.1	<0.2	0.22	0.8	0.24	72	29	<10	<10	10.9	<10	<10	<10	<50	
	1/31/98	10:15	S/F										<10	<10	10.9	<10	<10	<10	<50	
	2/2/98		S	43000	2.4	8.0	<0.2	<0.5	0.8	0.26	89	25	<10	<10	<10	<10	<10	<10	<50	
	2/2/98		S/F										<10	<10	<10	<10	<10	<10	<50	
4-day average [dissolved metals]																				
	5/13/98	12:05	S	25800	13	8.3	<0.5	<0.05	1.2	0.37	190	28	<2	<10	13.2	4.52	<10	<2	30.6	
	5/13/98	12:05	S/F										<2	<10	9.57	<2	<10	<2	<10	
	5/15/98		S	41900	0.75	8.9	<0.5	<0.05	1.3	0.34	310	36								
	5/15/98		S/F										<2	<10	17.1	<2	10.9	<2	<10	
	5/17/98	11:45	S	42000	0.7	9.0	<0.5	<0.05	1.1	0.12	340	40	<2	<10	13.2	<2	<10	<2	17	
	5/17/98	11:45	S/F										<2	<10	12.9	<2	<10	<2	10.8	
4-day average [dissolved metals]																				
	6/25/98	13:00	M	50500	2.2	8.0	<1.3	<0.05	1.4	0.24	32	10								
	10/21/98	11:45	D	50500	21.0	8.5	<1.3	2.93	0.07	1.22	330	52								
	3/25/99		ST	47800	1.7	8.6	<0.44	0.89	<0.05	0.092	81	12	<1	<8	13.3	<2	11.9	<2	<10	
	3/25/99		SF										<1	<8	12.8	<2	12.5	<2	<10	
	3/27/99	11:20	ST	43400	1.6	8.4	<0.44	0.51	<0.05	0.122	62	6	<1	<8	12.7	<2	12.8	<2	<10	
	3/27/99		SF										<1	<8	12.9	<2	12.1	<2	<10	
	3/29/99	13:00	ST	43300	1.7	8.7	<0.44	0.34	<0.05	0.122	74	10	<1	<8	12.2	<2	<4	<2	<10	
	3/29/99		SF										<1	<8	10.8	<2	<4	<2	<10	
4-day average [dissolved metals]																				
													<1	<8	12.2	<2	>8.5	<2	<10	

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd μg/L	Cr μg/L	Cu μg/L	Page μg/L	33 μg/L	of μg/L	45 μg/L	
BBOLR	6/24/99	15:30	D		51100	27	8.5	<0.44	0.75	<0.05	0.263	140	55							
	10/27/99	12:20	ST	1.0	53400	2.4	8.3	<0.44	<0.05	0.73	0.251	130	59							
	2/25/00	9:00	ST	1.0	37100	3.8	8.3	<0.44	0.05	0.89	0.19	65	25	<1	10.0	19.4	<2	11.4	<2	10
	2/25/00	9:00	SF											<1	9.7	16.7	<2	10.2	<2	<10
	2/27/00	7:07	ST	1.0	37300	1.6	8.3	<0.44	0.10	0.65	0.26	69	46	<1	10.2	18.7	<2	10.4	<2	13.6
	2/27/00	7:07	SF											<1	10.3	20.2	<2	11.2	<2	12.5
	6/28/00	12:45	S	1.0	56100	5.4	8.2	<0.44	0.05	0.85	0.367	44	21							

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Page µg/L	34 µg/L	Of µg/L	45 µg/L	
HUNBCC	8/13/91	14:00		51000	0.3	7.9	<0.20	0.70	<0.10	0.10	16	<5								
	6/30/92	14:25		50000	0.9	7.8	<0.20	<0.10	1.00	0.20	34	8								
	11/18/92	13:30		49000	1.6	8.0	0.24	0.41	0.15	0.26	92	22								
	12/7/92	14:00	S	3300	240.0	8.5	2.70	0.41	1.80	3.90	820	60	<20	<30	25	39	<40	<10	130	
	12/7/92	14:00	S	5.9	5900	320.0	8.1	2.50	0.40	1.80	4.50	930	71	<20	<30	60	96	<40	<10	320
	12/9/92	12:30	S										<20	<30	<20	<2	<40	10	28	
	12/11/92	12:15	S	42000	1.3	8.0	<0.20	0.28	0.58	0.31	73	21	<20	<30	<20	<4	<40	<10	56	
	12/11/92	12:15	S	9.8	46000	92.0	8.0	<0.20	0.22	0.54	0.92	280	37	<20	<30	<20	<4	<40	<10	28
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<20	<30	>30	>48	<40	<10	174
	1/8/93	13:00	S	6900	31.0	7.8	1.70	0.23	0.66	0.63	45	12	<20	<30	<20	5.1	<40	<10	35	
	1/8/93	13:00	S	12.8	30000	73.0	8.0	0.86	0.32	1.00	1.30	250	35	<20	<30	<20	<2	<40	<10	47
	1/10/93	10:45	S	29000	5.9	7.9	1.30	0.38	0.74	0.33	41	22	<20	<30	<20	<2	<40	<10	31	
	1/10/93	10:45	S	14.1	41000	62.0	8.0	0.43	0.47	0.74	0.36	290	55	<20	<30	<20	11	<40	<10	56
	1/12/93	14:45	S	40000	4.2	8.0	0.86	0.42	1.20	0.14	110	30	<20	<30	<20	<2	<40	11	32	
	1/12/93	14:45	S	12.1	44000	5.4	8.0	0.51	0.46	1.30	0.21	30	17	<20	<30	<20	<2	<40	12	24
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<20	<30	<20	>3.7	<40	>4	42.3
	6/15/93	11:30		43000	5.2	8.1	1.30	0.30	0.92	0.17	100	32								
	10/21/93	11:35	S	45000	1.2	8.0	<0.20	0.28	0.91	0.24	120	39								
	2/17/94	10:15	S	1200	400.0	8.7	3.50	0.54	1.50	4.10	1100	<13	<5	43	63	44	<40	<10	260	
	2/17/94	10:15	S	11.8									<5	23	53	20	<40	<10	190	
	2/19/94	10:20	S	3600	24.0	7.5	5.70	0.40	1.60	0.89	52	9	<5	14	14	6.9	<40	<10	100	
	2/19/94	10:20	S	10.5									<5	11	18	2.8	<40	14	54	
	2/21/94	10:30	S	8300	36.0	8.0	3.70	0.25	1.50	0.67	48	10	<5	<10	<20	3.5	<40	<10	57	
	2/21/94	10:30	S	12.8									<5	<10	<20	<2	<40	<10	28	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<5	11.3	>23.7	>7.6	<40	>4.7	90.7
	3/19/94	10:10	S	1600	100.0	8.4	4.50	0.53	1.70	1.30	140	21	<5	16	<20	9.8	<40	<10	69	
	3/19/94	10:10	S	11.2									<5	19	46	25	<40	<10	200	
	3/21/94	11:30	S	26000	5.1	7.8	2.30	0.34	0.27	0.42	50	19	<5	<10	<20	<2	<40	13	56	
	3/21/94	11:30	S	12.8									<5	<10	<20	<2	<40	10	26	
	3/23/94	11:40	S	39000	3.8	8.0	1.50	0.17	0.41	0.39	53	21	<5	<10	<20	<2	<40	18	24	
	3/23/94	11:40	S										<5	<10	<20	<2	<40	21	28	
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<5	6.3	>15.3	>8.3	<40	>10.3	84.7

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L
HUNBCC	11/8/94	12:30		52000	0.7	8.2	<0.20	0.26	0.36	<0.20	87	9							
	11/10/94	11:30	S	390	120.0	7.6	5.60	0.80	1.30	1.40	260	33	<1	14	28	31	<40	0.4	180
	11/10/94	11:35	S	15.0									<1	11	57	17	<40	<0.3	220
	11/12/94	9:15	S	33000	4.4	6.3	3.20	0.36	1.70	0.61	49	9	<1	<10	<10	<2	<40	<0.3	39
	11/12/94	9:20	S	15.2									<1	<10	61	14	<40	<0.3	160
	11/14/94	12:00	S	45000	1.8	7.8	1.10	0.39	1.20	0.40	78	8	<1	<10	6	<2	<40	<2	31
	11/14/94	12:05	S	13.0									<1	<10	<2	<2	<40	<2	61
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	>3.6	>39.3	>10.3	<40	<2	147
	3/11/95	8:15	S	950	80.0	8.3	1.40	<0.10	0.90	1.00	110	20	<1	<10	14	9	<40	<1	55
	3/11/95	8:20	S	12.1									<1	<10	9	<2	50	<1	48
	3/13/95	10:30	S	17000	7.1	7.8	2.70	0.12	0.71	0.48	27	10	<1	<10	6	<2	<40	<1	34
	3/13/95	10:35	S	10.5									<1	<10	<4	<2	<40	<1	27
	3/15/95	11:15	S	34000	2.4	8.1	5.10	0.31	0.78	0.45	44	22	<1	<10	13	<2	<40	<1	25
	3/15/95	11:20	S	9.5									<1	<10	<4	<2	<40	<1	19
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	>3	<2	>16.6	<1	31
	5/10/95	11:00		38000	4.4	8.1	1.70	0.29	0.79	<0.20	53	21							
	10/11/95	12:00		51000	1.8	8.0	<0.20	0.24	0.81	0.22	93	29							
	12/13/95	10:50	S	4500	74.0	7.5	6.50	0.54	2.40	1.70	97	20	3	<10	13	8	<40	<1	86
	12/13/95	10:55	S	15.0	40000								<1	<10	8	<2	<40	<1	47
	12/15/95	9:10	S	24000	11.0	7.7	4.20	0.60	2.10	0.62	45	17	<1	<10	8	<2	<40	<1	46
	12/15/95	9:15	S	10.0	42000								<1	<10	7	<2	<40	<1	15
	12/17/95	9:30	S	38000	4.4	7.8	1.40	0.78	1.90	0.46	120	29	<1	<10	54	<2	<40	<1	47
	12/17/95	9:35	S	9.6	44000								<1	<10	13	<2	<40	<1	32
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	9.3	<2	<40	<1	31.3
	3/5/96	8:15	S	32000	120.0	8.6	1.60	0.35	0.89	0.65	68	10	<1	7	9	11	9	<1	79
	3/5/96	8:20	S	13.4									<1	<5	15	<2	4	<1	73
	3/7/96	9:50	S	36000	2.4	8.2	0.60	0.16	0.69	0.22	95	22	<1	9	21	3	8	<1	82
	3/7/96	9:55	S	8.8									<1	52	24	8	5	<1	48
	3/9/96	10:50	S	38000	1.2	8.2	0.60	0.10	<0.50	0.27	87	21	<1	<5	3	<4	16	<1	78
	3/9/96	10:55	S	8.0									<1	9	2	9	<4	<1	19
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	>20.3	41	>5.7	>3.0	<1	46.7
	5/1/96	10:50		39000	1.8	8.1	<0.10	0.11	0.55	0.20	110	33							
	10/9/96	11:55		49000	3.8	8.0	<0.2	0.12	0.70	0.34	120	31							

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Page	µg/L	µg/L	µg/L	µg/L
HUNBCC	10/30/96	9:35	S		6000	150.0	7.7	21.0	2.30	8.80	1.80	160	32	0.9	4	18	14	13	<0.9	142
	10/30/96	9:35	S	12.8										0.3	<2	4	4	<4	<0.9	38
	11/1/96	10:45	S		29000	7.4	7.7	2.4	0.47	1.40	<0.20	65	24	<0.1	4	4	2	<4	<0.1	27
	11/1/96	10:50	S	12.2										<0.1	5	5	5	<4	<0.1	28
	11/3/96	12:05	S		30000	1.2	7.7	2.0	0.59	0.87	0.61	69	21	0.2	5	8	0.3	<4	<0.1	24
	11/3/96	12:05	S	10.8										<0.1	6	<3	0.4	<4	<0.1	14
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																			
	1/23/97	8:25	S		1300	65.0	8.5	1.0	0.21	0.72	0.50	62	11	<0.1	<3	4	5	<5	<0.1	23
	1/23/97	8:25	S	13.8										<0.1	<3	<3	2	<5	<0.1	8
	1/25/97	11:05	S		35000	2.6	8.0	1.2	0.30	0.58	0.40	77	20	<0.1	<3	<3	0.4	8	<0.1	8
	1/25/97	11:05	S	12.2										<0.1	<3	<3	0.7	8	<0.1	5
	1/27/97	13:05	S		24000	4.4	7.9	1.3	0.25	0.72	0.44	89	32	<0.1	<3	6	0.8	<5	<0.1	17
	1/27/97	13:05	S	12.8										<0.1	<3	<3	0.8	8	<0.1	11
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																			
	4/29/97	10:35			38000	5.7	8.0	<0.8	<0.50	0.74	0.27	87	26	<0.1	<3	<3	1.2	>5.3	<0.1	8
	10/2/97	13:10	M		50000	4.2	7.9	<0.2	0.17	0.8	0.32	120	33							
	1/29/98	11:45	S		490	53	8.9	1.9	0.36	1.3	0.99	220	34							
	1/29/98	11:45	S	12.5										<10	10.6	14.1	23.7	<10	<10	75.9
	1/29/98	11:45	S/F	12.5										<10	<10	16.5	19.8	46.1	<10	92.1
	1/31/98	8:40	S		41000	2.4	8.0	0.23	0.2	0.6	0.21	66	21							
	1/31/98	8:40	S	13.4										<10	<10	14.1	<10	<10	<10	<50
	1/31/98	8:40	S/F	13.4										<10	<10	12.8	<10	<10	<10	<50
	2/2/98		S		40000	2.3	7.7	1.4	<0.5	0.8	0.24	80	28							
	2/2/98		S	12.5										<10	<10	10.3	<10	<10	<10	<50
	2/2/98		S/F	12.5										<10	<10	<10	<10	<10	<10	<50
	4-day average [dissolved metals]																			
	5/13/98	9:12	S		1280	120	8.4	2.6	0.12	1.6	1.2	360	48	<2	>3.5	>9.8	>6.6	>15.4	<10	>30.7
	5/13/98	9:12	S	9.5										<2	22.6	43.1	33.6	18.2	<2	209
	5/13/98	9:12	S/F	9.5										<2	<10	9.87	<2	<10	<2	14.6
	5/15/98		S		23600	3.5	8.0	3.5	0.1	1.3	0.09	180	32							
	5/15/98		S	7.5										<2	<10	15.9	<2	<10	<2	16.7
	5/15/98		S/F	7.5										<2	<10	16.3	<2	11.4	<2	20.6
	5/17/98	10:30	S		34900	2.4	8.6	<0.5	<0.05	1.1	<0.05	290	32							
	5/17/98	10:30	S	9.2										<2	<10	14.7	<2	11.3	<2	23
	5/17/98	10:30	S/F	9.2										<2	<10	13.2	<2	<10	<2	14.4
	4-day average [dissolved metals]																			
														<2	<10	13.1	<2	>3.8	<2	16.5

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Page 37 of 45				
																µg/L	µg/L	µg/L	µg/L	
HUNBCC	6/25/98	10:25	M		50100	1.9	7.8	<1.3	0.07	<1.0	0.12	32	6							
	10/21/98	9:00	D	12.4																
	3/25/99	15:30	ST	9.3	15800	21.0	8.0	4.53	1.24	0.31	0.428	100	28	<1	<8	17.4	2.64	11.7	<2	29.7
	3/25/99		SF	9.8										<1	<8	11.5	<2	11.4	<2	15.0
	3/27/99	10:20	ST	9.3	37300	2.9	7.9	1.23	0.54	0.2	0.245	53	6	<1	<8	12.2	<2	11.5	<2	13.3
	3/27/99		SF	7.5										<1	<8	11.9	<2	11.7	<2	11.6
	3/29/99	11:45	S	9.9	40300	2.2	8.0	1.23	0.48	0.11	0.153	64	12	<1	<8	12.8	<2	<4	<2	<10
	3/29/99		ST	10.5										<1	<8	11.3	<2	<4	<2	<10
								4-day average [dissolved metals]												
														<1	<8	11.2	<2	>7.4	<2	>8.9
	6/24/99	13:30	D	7.4	45400	2.3	8.1	<0.44	0.35	<0.05	0.07	74	12							
	10/27/99	9:50	ST	9.9	52100	1.8	7.8	<0.44	0.10	0.73	<0.061	110	69							
	2/23/00	12:30	ST	13.0	27600	8.8	7.9	1.4	0.24	1	0.272	59	40	<1	11.5	24.2	<2	14.7	<2	18.7
	2/23/00	12:30	SF											<1	12.1	24.6	<2	15.7	<2	19.7
	2/25/00	10:51	ST	9.3	18200	13	7.9	2.5	0.24	0.58	0.367	35	24	<1	13.5	24.1	4.79	11.4	<2	39.4
	2/25/00	10:51	SF											<1	12.0	23.4	3.12	11.6	<2	31.3
	2/27/00	9:05	ST	13.5	27100	5.2	7.9	3.8	0.32	0.78	0.248	50	41	<1	8.7	22.9	<2	12.7	<2	11.3
	2/27/00	9:05	SF											<1	9.0	23.1	<2	13.4	<2	13.5
								4-day average [dissolved metals]												
														<1	11.0	16.4	>1.0	13.57	<2	21.5
	6/28/00	9:39	S	12.3	48600	4.8	8	<0.44	0.05	0.52	0.153	33	8							

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Pb µg/L	Mn µg/L	Zn µg/L	Ag µg/L		
HUNCRB	8/13/91	13:00		51000	0.5	7.9	<0.20	0.70	<0.10	0.20	15	<5									
	6/30/92	13:40		50000	2.9	7.8	<0.20	<0.10	1.00	0.20	25	8									
	11/18/92	13:00		50000	3.4	8.0	0.33	0.41	0.34	0.26	98	24									
	12/7/92	13:15	S	8600	120.0	7.6	<0.20	0.45	0.92	1.60	190	22	<20	<30	<20	9.4	<40	<10	54		
	12/7/92	13:15	S	10.5	28000	140.0	7.8	0.67	0.42	0.69	0.89	380	40	<20	<30	21	4.3	<40	<10	56	
	12/9/92	12:00	S	24000	7.0	7.8	1.20	0.34	0.53	0.57	49	19	<20	<30	<20	<2	<40	12	32		
	12/11/92	11:45	S	39000	1.9	7.9	<0.20	0.43	0.59	0.31	69	21	<20	<30	<20	<4	<40	<10	43		
	12/11/92	11:45	S	13.1	45000	36.0	7.9	<0.20	0.38	0.79	2.8	150	30	<20	<30	<20	<4	<40	<10	26	
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<20	<30	>10.5	>2.2	<40	<10	41		
	1/8/93	12:15	S	11000	11.0	7.8	2.10	0.15	0.66	0.60	40	20	<20	<30	<20	<2	<40	<10	35		
	1/8/93	12:15	S	13.8	34000	28.0	7.9	1.00	0.37	0.85	0.74	130	26	<20	<30	<20	11	<40	<10	59	
	1/10/93	11:15	S	32000	2.0	7.9	0.89	0.40	0.76	0.34	51	18	<20	<30	<20	<2	<40	<10	34		
	1/10/93	11:15	S	17.4	44000	16.0	8.0	0.23	0.51	0.63	0.13	92	55	<20	<30	<20	<2	<40	<10	24	
	1/12/93	14:15	S	34000	12.0	8.1	0.76	0.40	0.51	0.28	95	26	<20	<30	<20	<2	<40	12	35		
	1/12/93	14:15	S	14.8	44000	4.3	8.0	0.40	0.48	0.51	0.23	120	29	<20	<30	<20	<2	<40	13	26	
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<20	<30	<20	>3.7	<40	>4.3	36.3		
	6/15/93	10:50		47000	1.0	8.1	<0.20	0.23	0.58	0.23	110	36									
	10/21/93	12:35	S	46000	2.5	7.9	<0.20	0.35	1.20	0.24	110	45									
	2/17/94	9:45	S	31000	66.0	8.2	0.79	0.27	0.59	1.10	270	<5	<5	<10	32	3.9	<40	<10	61		
	2/17/94	9:45	S	11.8									<5	<10	<20	4	<40	<10	41		
	2/19/94	10:45	S	12000	9.6	7.4	2.60	0.26	0.84	0.68	46	9	<5	<10	28	<2	<40	<10	31		
	2/19/94	10:45	S	12.8									<5	<10	6.4	<2	<40	11	35		
	2/21/94	10:00	S	17000	9.3	7.9	2.60	0.28	1.80	0.67	81	14	<5	<10	<20	<2	<40	<10	25		
	2/21/94	10:00	S	12.8									<5	11	<20	<2	<40	<10	24		
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<5	>3.7	>2.1	>1.3	<40	>3.7	33.3		
	3/19/94	9:30	S	34000	12.0	8.0	1.30	0.43	1.10	1.00	64	29	<5	<10	<20	<2	<40	<10	65		
	3/19/94	9:30	S	11.5									<5	13	55	24	<40	<10	170		
	3/21/94	11:00	S	35000	1.6	7.9	1.40	0.26	0.21	0.41	50	21	<5	<10	<20	<2	<40	16	56		
	3/21/94	11:00	S	10.2									<5	<10	<20	3.6	<40	13	69		
	3/23/94	11:15	S	45000	1.8	8.0	0.63	0.22	0.54	0.51	37	14	<5	<10	<20	<2	<40	19	63		
	3/23/94	11:15	S										<5	<10	<20	<2	<40	18	40		
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<5	>4.3	>18.3	>9.2	<40	>10.3	93		

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L
HUNCRB	4/13/94	11:05	S	47000	0.9	8.0	<0.20	0.24	0.98	0.38	78	40							
	11/8/94	12:00		53000	0.5	8.1	<0.20	0.33	0.40	0.25	99	20							
	11/10/94	12:30	S	29000	16.0	7.9	3.80	0.46	1.40	0.59	50	5	<1	<10	18	4	<40	<0.3	84
	11/10/94	12:35	S	13.8									<1	<10	22	6	<40	<0.3	68
	11/12/94	9:00	S	35000	2.4	6.9	2.90	0.27	1.50	0.45	22	<5	<1	<10	13	<2	<40	<0.3	45
	11/12/94	9:05	S	13.0									<1	<10	27	11	<40	<0.3	77
	11/14/94	11:30	S	46000	0.5	7.9	0.90	0.34	0.84	0.31	66	10	<1	<10	10	<2	<40	<2	42
	11/14/94	11:35	S	12.2									<1	<10	2	<2	<40	<2	50
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	17	>5.6	<40	<0.86	.65
	3/11/95	8:30	S	8600	48.0	8.0	2.20	0.13	1.00	1.10	57	9	<1	<10	15	3	<40	<1	29
	3/11/95	8:35	S	13.8									<1	<10	15	7	65	<1	57
	3/13/95	10:00	S	16000	6.4	8.0	1.70	<0.10	0.72	0.59	18	9	<1	<10	7	<2	<40	<1	36
	3/13/95	10:05	S	13.1									<1	<10	9	3	<40	<1	64
	3/15/95	12:15	S	33000	1.2	8.0	1.90	0.29	0.86	0.52	22	12	<1	<10	4	<2	<40	<1	22
	3/15/95	12:20	S	11.5									<1	<10	<4	<2	<40	<1	25
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	>8	>3.3	>21.6	<1	49
	5/10/95	10:30		46000	1.4	8.0	<0.20	0.39	0.41	<0.20	62	26							
	10/11/95	11:20					<0.20	0.22	1.9	0.53									
	12/13/95	10:30	S	29000	16.0	7.5	5.80	0.71	2.30	0.86	49	17	<1	<10	10	<2	<40	<1	65
	12/13/95	10:35	S	15.0	40000								<1	<10	14	<2	<40	<1	76
	12/15/95	9:45	S	38000	2.2	7.8	1.70	0.56	1.70	0.48	68	17	<1	<10	12	<2	<40	<1	33
	12/15/95	9:45	S	12.0	41000								<1	<10	10	<2	<40	<1	27
	12/17/95	9:00	S	43000	1.0	7.8	0.60	0.58	6.10	1.10	84	21	<1	<10	8	<2	<40	<1	27
	12/17/95	9:05	S	13.0	43000								<1	<10	20	12	<40	<1	45
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<10	14.7	>4	<40	<1	49.3
	3/5/96	9:00	S	23000	12.0	8.2	1.80	0.36	0.75	0.45	60	14	<1	<5	5	<2	17	<1	46
	3/5/96	9:05	S	16.4									<1	<5	10	<2	<4	<1	38
	3/7/96	9:15	S	30000	1.6	8.1	1.70	0.28	0.91	0.53	76	18	<1	<5	22	6	8	<1	69
	3/7/96	9:20	S	13.0									<1	<5	27	4	9	<1	45
	3/9/96	10:30	S	35000	0.7	8.1	0.90	0.13	0.57	0.35	85	22	<1	<5	4	<4	<4	<1	43
	3/9/96	10:35	S	12.0									<1	<5	2	5	<4	<1	61
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<1	<5	13	>3	>3	<1	48

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L
HUNCRB	5/1/96	10:20		39000	1.2	8.2	<0.20	<0.10	<0.50	<0.20	110	35							
	10/9/96	11:20		40000	3.2	8.0	0.2	0.23	0.54	0.33	77	25							
	10/30/96	10:05 S		24000	28.0	8.1	4.9	0.84	2.20	0.56	83	22		4	15	6	5	<0.9	76
	10/30/96	10:05 S	15.6										<0.1	6	<3	2	<4	<0.9	20
	11/1/96	10:20 S		30000	8.4	7.6	2.8	0.47	1.60	<0.20	16	16	<0.1	<2	6	2	<4	<0.1	30
	11/1/96	10:20 S	15.0										0.2	5	<3	2	<4	<0.1	22
	11/3/96	11:35 S		31000	1.6	7.8	1.6	0.38	0.84	0.51	69	24	<0.1	5	5	0.3	<4	<0.1	24
	11/3/96	11:35 S	13.4										<0.1	6	<3	3	<4	<0.1	17
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													>0.06	5.7 <3		2.3 <4	<0.4	19.6	
	1/23/97	9:20 S		20000	15.0	8.0	1.3	0.27	0.75	0.44	50	17	<0.1	<3	5	1	<5	<0.1	19
	1/23/97	9:20 S	16.0										<0.1	<3	5	6	7	<0.1	15
	1/25/97	10:50 S		35000	1.6	8.0	0.6	0.32	0.76	0.35	87	26	<0.1	<3	<3	0.4	<5	<0.1	12
	1/25/97	10:50 S	15.4										<0.1	<3	<3	1	7	<0.1	9
	1/27/97	12:35 S		18000	8.1	7.9	2.2	0.24	0.81	0.57	66	24	<0.1	<3	10	1	<5	<0.1	32
	1/27/97	12:35 S	14.6										<0.1	<3	<3	0.7	8	<0.1	11
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)													<0.1	<3	>1.67	2.6	7.3	<0.1	11.7
	4/29/97	10:05		49000	1.7	8.0	<0.8	<0.50	0.52	0.30	110	32							
	10/2/97	14:10 M		48000	3.4	8.1	<0.2	<0.1	1.0	0.38	91	27							
	1/29/98	12:50 S		25000	7.9	8.0	1.9	0.38	1.2	0.46	59	27							
	1/29/98	12:50 S	13.8										<10	<10	14.4	<10	<10	<10	<50
	1/29/98	12:50 S/F	13.8										<10	<10	10	<10	<10	<10	<50
	1/31/98	9:20 S		41000	2.9	8.0	0.27	0.23	0.6	0.24	49	16							
	1/31/98	9:20 S	14.8										<10	<10	<10	<10	40.4	<10	<50
	1/31/98	9:20 S/F	14.8										<10	<10	14.2	13.2	<10	<10	<50
	2/2/98	S		43000	1.1	7.9	0.91	<0.5	0.7	0.22	76	22							
	2/2/98	S	13.1										<10	<10	<10	<10	<10	<10	<50
	2/2/98	S/F	13.1										<10	<10	<10	<10	<10	<10	<50
4-day average [dissolved metals]													<10	<10	>8.1	>4.1	<10	<10	<50
	5/13/98	9:35 S		18600	18	7.9	<0.5	0.08	1.0	0.4	160	24							
	5/13/98	9:35 S	14.1										<2	<10	19.9	2.29	<10	<2	26.9
	5/13/98	9:35 S/F	14.1										<2	<10	18.9	<2	<10	<2	19.1
	5/15/98	S		27100	2.5	8.0	1.3	0.07	1.3	0.52	200	36							
	5/15/98	S	11.5										<2	<10	17	<2	10.7	<2	19.2
	5/15/98	S/F	11.5										<2	<10	17	<2	11.2	<2	15.7
	5/17/98	10:00 S		38900	0.7	8.4	<0.5	<0.05	<1.0	<0.05	330	40							
	5/17/98	10:00 S	9.8										<2	<10	14.8	<2	<10	<2	25.4
	5/17/98	10:00 S/F	9.8										<2	<10	13.5	<2	11.4	<2	21.3
4-day average [dissolved metals]													<2	<10	16.5	<2	>7.8	<2	18.7

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
HUNCRB	6/25/98		M	49800	1.0	8.0	<1.3	<0.05	<1.0	0.12	33	8								
	10/21/98	10:15	D	50200	2.9	7.9	<1.3	0.88	0.09	<0.061	140	15								
	3/25/99	15:10	ST	21500	14.0	8.1	14	1.07	0.24	0.367	84	20	<1	<8	17.2	3.01	12.9	<2	28.8	
	3/25/99		SF	13.1									<1	<8	15.2	<2	13.9	<2	21.2	
	3/27/99	10:00	ST	35700	1.6	8.0	0.84	0.58	0.12	0.153	58	9	<1	<8	15.8	<2	11.7	<2	18.2	
	3/27/99		SF	11.8									<1	<8	14.1	<2	12.5	<2	17.5	
	3/29/99	11:15	ST	44300	0.5	8.1	<0.44	0.34	<0.05	0.092	68	12	<1	<8	13.4	<2	<4	<2	37.6	
	3/29/99		SF	11.8									<1	<8	13.4	<2	<4	<2	34.9	
							4-day average [dissolved metals]						<1	<8	14.2	<2	>8.8	<2	24.8	
	6/24/99	13:55	D	11.2	47200	2.2	8.1	<0.44	<0.2	<0.05	<0.061	84	10							
	10/27/99	10:50	ST	14.8	53400	1	7.9	<0.44	0.09	0.69	0.0796	100	31							
	2/23/00	13:09	ST	12.9	24200	100	7.9	0.84	0.20	0.98	0.551	200	164	<1	12.8	22.7	<2	17.1	<2	20.3
	2/23/00	13:09	SF										<1	12.3	22.1	<2	17.8	<2	21.0	
	2/25/00	11:40	ST	12.3	24100	3.1	7.9	0.72	0.21	0.33	0.266	34	26	<1	11.0	21.0	2.2	11.8	<2	23.6
	2/25/00	11:40	SF										<1	10.1	19.5	<2	12.0	<2	21.4	
	2/27/00	9:30	ST	13.4	33400	0.6	7.9	0.64	0.24	0.36	0.202	46	28	<1	<8	23.9	<2	11.8	<2	24.3
	2/27/00	9:30	SF										<1	9.1	23.2	<2	12.5	<2	19.1	
							4-day average [dissolved metals]						>0.7	10.3	23	<2	14.1	<2	20.5	
	6/28/00	11:10	S	15.5	52400	4.7	7.9	<0.44	<0.05	0.86	0.214	41	15							

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Page µg/L	42 µg/L	of µg/L	45 µg/L	µg/L	µg/L	
HUNSUN	8/13/91	11:15		51000	0.4	8.0	<0.20	0.70	<0.20	<0.10	5	<5									
	6/30/92	10:55		49000	1.9	7.8	<0.20	<0.10	0.80	0.20	30	19									
	11/18/92	11:20		50000	1.5	7.8	0.20	0.40	<0.10	0.31	94	24									
	12/7/92	10:15	S	18000	220.0	8.2	1.90	0.49	1.20	1.70	390	31	<20	<30	<20	2.5	<40	<10	52		
	12/7/92	10:15	S	11.5	46000	5.5	7.9	0.27	0.32	0.23	97	31	<20	<30	150	2.1	<40	<10	39		
	12/9/92	9:30	S	47000	4.1	8.1	<0.20	0.35	0.39	0.18	110	37	<20	<30	<20	<2	<40	14	24		
	12/11/92	10:00	S	50000	4.0	8.1	<0.20	0.28	0.26	0.11	100	28	<20	<30	<20	<4	<40	<10	530		
	12/11/92	10:00	S	17.4	50000	4.6	8.1	<0.20	0.15	0.28	<0.10	98	29	<20	<30	350	<4	<40	<10	29	
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)														<20	<30	250	>1.1	<40	<10	34	
	1/8/93	9:45	S	33000	7.0	8.0	0.64	0.35	0.94	0.41	60	25	<20	<30	<20	<2	<40	12	28		
	1/8/93	9:45	S	8.9	36000	6.7	8.0	0.50	0.40	0.60	66	20	<20	<30	<20	<2	<40	<10	32		
	1/10/93	8:45	S	48000	3.3	8.1	<0.20	0.46	0.64	0.13	110	30	<20	<30	<20	<2	<40	11	25		
	1/10/93	8:45	S	6.6	48000	5.6	8.1	<0.2	0.52	0.67	107	26	<20	<30	<20	<2	<40	<10	20		
	1/12/93	12:45	S	49000	4.5	8.1	0.38	0.52	0.62	<0.10	92	24	<20	<30	<20	<2	<40	18	25		
	1/12/93	12:45	S	16.7	50000	6.9	8.1	0.22	0.48	0.5	81	19	<20	<30	<20	<2	<40	13	22		
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)														<20	<30	<20	<2	<40	>4.3	24.7	
	6/15/93	9:00		50000	3.2	8.0	<0.20	0.27	0.66	0.18	120	39									
	10/21/93	11:10		46000	1.5	7.9	<0.20	0.29	0.82	0.17	140	60									
	2/17/94	11:00	S	18000	38.0	8.3	3.20	0.43	0.91	3.60	130	<5	<5	<10	<20	<2	<40	<10	35		
	2/17/94	11:00	S										<5	<10	<20	<2	<40	<10	36		
	2/19/94	9:15	S	15000	9.6	7.3	3.20	0.25	0.85	0.70	53	<5	<5	<10	6.8	<2	<40	<10	460		
	2/19/94	9:15	S	4.3									<5	11	5.4	<2	<40	<10	59		
	2/21/94	11:05	S	27000	6.6	8.0	1.60	0.18	1.10	0.23	77	14	<5	<10	<20	<2	<40	<10	17		
	2/21/94	11:05	S	4.9									<5	<10	<20	<2	<40	<10	16		
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)														<5	>3.7	>1.8	<2	<40	<10	37	
	3/19/94	10:50	S	27000	18.0	8.1	2.60	0.46	3.50	1.80	66	28	<5	<10	<20	<2	<40	<10	38		
	3/19/94	10:50	S	2.6									<5	25	47	32	<40	<10	170		
	3/21/94	12:30	S	40000	2.0	7.9	0.82	0.30	<0.20	0.39	62	<5	<5	<10	<20	<2	<40	<10	390		
	3/21/94	12:30	S	4.3									<5	<10	<20	<2	<40	<10	41		
	3/23/94	12:00	S	50000	4.3	8.1	0.22	0.17	0.52	0.31	60	24	<5	<10	<20	<2	<40	16	19		
	3/23/94	12:00	S										<5	<10	<20	<2	<40	18	24		
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)														<5	>8.3	>15.7	>10.7	<40	>6	78.3	

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	µg/L	µg/L	µg/L	µg/L	µg/L					
HUNSUN	4/13/94	12:05	S	50000	1.4	8.0	<0.20	0.23	1.00	0.22	100	46												
	11/8/94	13:00		54000	1.4	8.2	<0.20	<0.20	2.50	0.25	82	12												
	11/10/94	13:00	S	22000	48.0	8.0	4.10	0.49	1.20	0.54	83	18	<1	<10	9.2	5.5	<40	0.4	40					
	11/10/94	13:05	S	12.2									<1	<10	6.3	<2	<40	<0.3	28					
	11/12/94	9:30	S	50000	2.3	6.8	<0.20	<0.10	0.79	0.39	69	5	<1	<10	<10	<2	<40	<0.3	19					
	11/12/94	9:35	S	10.0									<1	<10	<10	<2	<40	<0.3	30					
	11/14/94	12:30	S	51000	2.4	8.1	<0.20	0.12	0.78	0.26	89	11	<1	<10	5	<2	<40	2	31					
	11/14/94	12:35	S	7.0									<1	<10	<2	<2	<40	<2	26					
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																								
	3/11/95	9:30	S	12000	43.0	8.0	1.30	0.13	0.77	0.64	54	9	<1	<10	>2	<2	<40	>0.67	28					
	3/11/95	9:35	S	10.2									<1	<10	6.2	<2	63	<1	33					
	3/13/95	11:00	S	31000	3.3	7.9	0.88	0.11	0.45	0.35	46	16	<1	<10	<4	<2	<40	<1	32					
	3/13/95	11:05	S	8.2									<1	<10	<4	<2	<40	<1	73					
	3/15/95	10:00	S	50000	4.5	8.2	<0.20	0.24	0.58	0.24	73	31	<1	<10	<4	<2	<40	<1	17					
	3/15/95	10:05	S	10.8									<1	<10	<4	<2	<40	<1	23					
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																								
	5/10/95	9:30		55000	1.9	7.8	<0.20	0.55	0.63	0.28	68	36	<1	<10	>2	<2	>21	<1	43					
	10/11/95	12:20		51000	3.0	8.1	<0.20	0.16	0.53	<0.20	95	31												
	12/13/95	9:15	S	25000	33.0	7.8	6.70	0.93	2.20	1.00	75	24	1	<10	5	<2	<40	<1	110					
	12/13/95	9:20	S	1.8	42000								10	<10	11	<2	<40	<1	42					
	12/15/95	8:35	S	41000	2.7	7.9	1.00	0.58	1.20	0.39	64	21	<1	<10	10	<2	<40	<1	21					
	12/15/95	8:40	S	4.2	43000								<1	<10	8	<2	<40	<1	10					
	12/17/95	10:00	S	46000	5.2	7.9	<0.20	0.35	1.10	0.25	95	25	<1	<10	<5	<2	<40	<1	<10					
	12/17/95	10:05	S	4.2	46000								<1	<10	7	<2	<40	<1	16					
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																								
	3/5/96	9:35	S	33000	15.0	8.2	1.20	0.30	0.59	0.37	73	18	<1	<5	18	<2	<4	<1	35					
	3/5/96	9:40	S	13.0									<1	<5	3	<2	3	<1	29					
	3/7/96	10:10	S	40000	3.5	8.2	0.20	0.19	0.75	<0.20	100	25	<1	<5	17	<2	3	<1	53					
	3/7/96	10:15	S	7.6									<1	7	20	<2	<2	<1	46					
	3/9/96	9:35	S	40000	1.3	8.1	<0.20	<0.10	<0.50	<0.20	110	28	<1	<5	<2	6	<4	<1	60					
	3/9/96	9:40	S	9.2									<1	<5	<2	<4	<4	<1	11					
4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																								
													<1	>2.3	>7.7	<4	>1.0	<1	28.7					

HUNTINGTON HARBOUR

STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	µg/L	µg/L	µg/L	µg/L	µg/L		
HUNSUN	5/1/96	11:15		40000	3.4	8.2	<0.20	0.14	<0.50	<0.20	130	33										
	10/9/96	12:20		39000	5.6	8.0	<0.2	0.21	0.74	0.29	120	31										
	10/30/96	10:55 S		24000	39.0	7.9	9.5	1.20	3.70	0.72	67	18	0.4	3	9	5	4	<0.9	62			
	10/30/96	10:55 S	13.0										<0.1	5	<3	0.7	<4	<0.9	8			
	11/1/96	9:05 S		29000	7.3	7.6	2.3	0.50	1.00	0.74	55	21	0.4	4	4	2	<4	<0.1	43			
	11/1/96	9:05 S	11.6										0.6	4	<3	0.9	<4	<0.1	21			
	11/3/96	9:50 S		35000	2.8	7.9	1.0	0.27	<0.50	0.46	98	28	<0.1	5	<3	0.3	<4	<0.1	55			
	11/3/96	9:50 S	10.0										0.2	6	<3	0.6	<4	<0.1	15			
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																					
	1/23/97	10:05 S		23000	22.0	8.2	0.9	0.11	0.64	0.39	57	19	<0.1	<3	<3	5	2	<5	<0.1	13		
	1/23/97	10:05 S	15.2										<0.1	<3	<3	4	<5	<0.1	7			
	1/25/97	10:15 S		48000	2.1	8.1	<0.2	<0.10	0.65	<0.20	110	22	<0.1	<3	<3	0.3	6	<0.1	<2			
	1/25/97	10:15 S	13.0										<0.1	<3	<3	0.8	6	<0.1	5			
	1/27/97	11:35 S		30000	4.9	8.1	0.9	0.23	0.72	0.37	110	38	<0.1	<3	<3	0.7	6	<0.1	10			
	1/27/97	11:35 S	12.6										<0.1	<3	<3	0.6	9	<0.1	5			
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLE)																					
	4/29/97	11:05		49000	3.8	7.9	<0.8	<0.50	0.78	0.35	110	31										
	10/2/97	12:45 M		50000	5.1	7.9	<0.2	0.22	0.7	0.29	100	31										
	1/29/98	13:15 S		41000	8.5	8.0	0.67	0.16	0.8	0.35	110	34										
	1/29/98	13:15 S	9.8										<10	<10	10	<10	<10	<10	<50			
	1/29/98	13:15 S/F	9.8										<10	<10	<10	<10	<10	<10	<50			
	1/31/98	8:25 S		47000	4.9	8.1	<0.2	0.15	0.5	<0.2	66	22										
	1/31/98	8:27 S	11.8										<10	<10	18.7	<10	<10	<10	<50			
	1/31/98	8:29 S/F	11.8										<10	<10	<10	<10	<10	<10	<50			
	2/2/98	S		47000	2.5	8.0	<0.2	<0.5	0.5	<0.2	130	39										
	2/2/98	S	9.8										<10	<10	12.5	<10	<10	<10	<50			
	2/2/98	S/F	9.8										<10	<10	<10	13.1	<10	<10	<50			
	4-DAY AVERAGE (DEPTH INTEGRATED SAMPLES)																					
													<10	<10	<10	>4	<10	<10	<50			

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STATION	DATE	TIME	Depth feet	EC umhos	Turb NTU	pH	NO3 mg/L	NH3 mg/L	TKN mg/L	PO4 mg/L	TSS mg/L	VSS mg/L	Cd µg/L	Cr µg/L	Cu µg/L	Pb µg/L	Mn µg/L	Zn µg/L	Ag µg/L	
HUNSUN	5/13/98	10:25	S	27500	19	8.0	<0.5	0.07	1.0	0.37	230	32								
	5/13/98	10:25	S	10.8									<2	<10	19	<2	<10	<2	20.3	
	5/13/98	10:25	S/F	10.8									<2	<10	16	<2	<10	<2	10	
	5/15/98		S	45300	2.3	8.2	<0.5	<0.05	1.0	<0.05	270	36								
	5/15/98		S	9.2									<2	<10	17	<2	<10	<2	<10	
	5/15/98		S/F	9.2									<2	<10	18	<2	11.5	<2	15.4	
	5/17/98	11:00	S	47100	1.9	8.2	<0.5	<0.05	<1.0	<0.05	350	48								
	5/17/98	11:00	S	6.6									<2	<10	13	<2	<10	<2	17.3	
	5/17/98	11:00	S/F	6.6									<2	<10	14	<2	<10	<2	17.9	
							4-day average [dissolved metals]						<2	<10	16	<2	3.8	<2	14.4	
	6/25/98	10:10	M	51300	2.1	7.9	<1.3	<0.05	<1.0	0.15	34	10								
	10/21/98	10:45	D	14.4																
	3/25/99	15:50	ST	10.2	49000	1.6	8.0	<0.44	<0.2	<0.05	0.061	210	34	<1	<8	19.9	<2	12.9	<2	12
	3/25/99		SF	10.8									<1	<8	13.4	<2	14.5	<2	<10	
	3/27/99	10:35	ST	9	46300	2.2	8.0	<0.44	0.32	<0.05	0.122	78	6	<1	<8	13.6	<2	12.3	<2	<10
	3/27/99		SF	9.5									<1	<8	13.0	<2	13.1	<2	<10	
	3/29/99	12:15	ST	7.4	46300	1.9	8.2	<0.44	1.11	<0.05	0.092	79	8	<1	<8	12.5	<2	<4	<2	<10
	3/29/99		SF	7.8									<1	<8	13.9	<2	<4	<2	<10	
							4-day average [dissolved metals]						<1	<8	13.4	<2	>9.2	<2	<10	
	6/24/99	13:15	D	8.4	48100	2.8	8.0	<0.44	<0.2	<0.05	0.073	94	10							
	10/27/99	11:20	ST	9	52800	2.16	7.9	<0.44	<0.05	0.6	<0.061	110	40							
	2/23/00	14:00	ST	16.5	35100	5	8	<0.44	0.18	0.89	0.205	58	33	<1	11.4	21.2	<2	15.8	<2	14.6
	2/23/00	14:00	SF										<1	11.3	21.7	<2	17.2	<2	19	
	2/25/00	12:15	ST	13.0	31600	4.8	8	0.73	0.19	0.63	0.196	49	30	<1	9.7	23.4	<2	13.3	<2	15.4
	2/25/00	12:15	SF										<1	10.7	26.6	<2	15.3	<2	19.2	
	2/27/00	8:10	ST	9.6	40500	2.4	7.9	<0.44	0.18	0.91	0.0857	71	37	<1	8.9	26.8	<2	15.2	<2	17.1
	2/27/00	8:10	SF										<1	8.2	25.3	<2	13.4	<2	17.2	
							4-day average [dissolved metals]						<1	10.0	24.7	<2	15.3	<2	18.5	
	6/28/00	8:50	S	12.3	52500	5.8	7.9	<0.44	<0.05	0.41	0.153	33	16							

Huntington City Beach

1999-2001
POSTING LOG FOR AB411

				BACTERIAL VALUES		
DATE POSTED	AREA POSTED	DATE UNPOSTED	TC	FC/EC	ENT	
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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Huntington City 8-58
Park Beach

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		(10N)	~	300	110	120
		(11N)	~	300	170	216
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 (15N)	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

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5	10/14/99	Dana Point Harbor - Baby Beach (Buoy Line)	see 10/27/99	80	789	189
1		Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	see 10/15/99	~	~	~
6	10/15/99	Huntington State Beach - SLGT #2 (OCSD 1N)	10/16/99	130	130	146
7		Newport Bay - 19th Street Beach	10/21/99	700	135	145
8		Newport Bay - Bayshore Beach	10/21/99	1300	644	391
E		Dana Point Harbor - Baby Beach (Swim Area)	see 10/27/99	500	520	98
9		Doheny Beach - 1000' - 3000' D/C of San Juan Creek	see 10/29/9(S1)	150	120	270
2		*10/18/99 - 250' U/C - 1000' D/C SJC closed (sewage)	see 10/22/99(S3)	90	70	160
		Creek Release	~ (S9)	150	140	270
10	10/21/99	Seal Beach - 1st Street 	11/10/99	20	784	31
11	10/22/99	Newport Beach - 52nd-53rd Street (OCSD 6S)	10/24/99	20	20	150
12		Aliso Beach - Aliso Creek to 300' D/C (AWMA S9)	see 10/28/99	30	<10	170
E		Doheny Beach - 250' U/C to 1000' D/C San Juan Creek	see 11/15/99(S0)	160	110	250
13	10/24/99	Huntington State Beach - SLGT #6 (OCSD 4N)	10/26/99	500	500	240
14	10/26/99	Huntington State Beach - SLGT #4 (OCSD 3N)	see 10/27/99	40	62	121
15		Newport Bay - Garnet Avenue	10/28/99	<20	52	211
E	10/27/99	Huntington State Beach (OCSD 1N - 4N) (1N)	*10/28/99	230	230	>400
		*4N unposted 11/3/99 (2N)	~	500	500	>400
		(3N)	~	500	500	>400
		(4N)	~	130	8	>400
16		Newport Beach - Little Corona	10/30/99	500	933	74
17		Newport Beach - Corona Del Mar Beach (OCSD 29S)	10/29/99	130	80	106
E		Dana Point Harbor - Baby Beach (All)	11/18/99 Long Term	~	~	~
E	10/28/99	Aliso Beach - 300' D/C Creek to Camel Point (SERRA S8)	10/29/99	190	120	170
E	10/29/99	Huntington State Beach-1N-3N (4N posted-see 10/27) (1N)	11/3/99	300	300	270
		(3N)	~	300	300	>400
18		Huntington Harbour - Mother's Beach	11/2/99	500	341	223
E		Doheny Beach - add 500' U/C SJC to 250' U/C SJC	10/30/99	30	70	110
E		Doheny Beach - add 3000' to 4000' D/C SJC (SERRA S5)	1/3/00 Long Term	310	420	456
		(SERRA S7)	1/3/00 Long Term	70	40	140
19		San Clemente - North Beach @ Ave. Pico (SERRA S17)	11/3/99	360	110	1100
1	11/1/99	Surfside-Sunset Beach - breakwater to 24th St. (Dredging)	11/10/99	20	20	221
2		Newport Bay - Newport Dunes (North Beach)	11/23/99	500	145	228
3	11/3/99	Capistrano Beach - Poche Beach (SERRA S15)	11/5/99	900	130	120
4	11/4/99	Huntington Harbour - Mother's Beach	*11/30/99	130	272	185
		*changed from posting to closure due to sewage spill	~	~	~	~
5		Huntington Harbour - Trinidad Beach	11/7/99	2400	31	833
6	11/7/99	Newport Beach - Balboa Pier (OCSD 21S)	11/9/99	300	300	184
1	11/8/99	Rain Advisory - All Coastline	11/12/99	~	~	~
7	11/9/99	Newport Beach - Corona Del Mar Beach (OCSD 29S)	11/11/99	110	40	150
E	11/15/99	(Doheny Beach - 250' U/C to 1000' D/C SJC - Closed)	see 11/21/99	~	~	~
		(1000' D/C SJC to end of Park still posted)	~	~	~	~

1999-2001
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8	11/16/99	Laguna Beach - So. End of Main Beach (AWMA S16)	11/18/99	41	8	360
9		Laguna Beach - No. End of Victoria Beach (AWMA S14)	11/18/99	18	2	120
10		Laguna Beach - Treasure Island Pier (AWMA S12)	11/18/99	16	2	220
11		Laguna Beach - 1000 Steps Beach (AWMA S4)	11/18/99	20	8	>400
12	11/17/99	San Clemente State Beach - Ave. Calafia (SERRA S21)	11/18/99	Cw/c	320	>400
13		Doheny Beach - North Beach	11/20/99	300	223	397
14	11/18/99	Salt Creek Beach - So. End Ritz Cove (AWMA S2)	11/21/99	1300	66	130
E	11/21/99	Doheny Beach - North Beach	1/3/00 Long Term	80	185	231
E		Doheny Beach-250' U/C to 1000' D/C SJC(Posting from SS)	1/3/00 Long Term	~	~	~
15	11/23/99	Laguna Beach - No. End of Victoria Beach (AWMA S14)	11/27/99	27	10	100
16		Laguna Beach - Bluebird Canyon (AWMA S15)	11/27/99	410	80	170
17		Newport Beach - 15th-16th Street (OCSD 15S)	11/25/99	230	230	368
18		Newport Bay - Newport Dunes (East Beach)	11/25/99	130	97	110
19		Newport Bay - Newport Dunes (West Beach)	11/25/99	1300	586	495
20		Newport Bay - 10th Street Beach	11/25/99	5000	4611	884
21		Newport Bay - 19th Street Beach	11/25/99	1300	2851	1223
22		Newport Bay - 38th Street Beach	11/25/99	500	142	228
23		Newport Bay - Via Genoa	11/25/99	40	31	155
24		Newport Bay - N Street Beach	11/25/99	800	563	74
25	11/24/99	Aliso Beach - 300' D/C Creek to Camel Point (SERRA S8)	11/27/99	Cw/c	160	160
26		Doheny Beach - Mid North Beach (SERRA S2)	1/3/00 Long Term	120	80	1900
27		San Clemente State Beach - Ave. Calafia (SERRA S21)	11/27/99	780	500	610
28		Laguna Beach - Emerald Bay	11/27/99	<20	10	156
29	11/26/99	Huntington City Beach - Dog Beach (OCSD 27N)	12/4/99	800	800	16
1	12/1/99	Capistrano Beach-150' U/C-150" D/C Poche (Ck.release)	12/8/99	~	~	~
1		Laguna Beach - Crescent Bay	12/3/99	110	20	169
2	12/2/99	Seal Beach - 8th Street	12/4/99	>16000	130	393
3	12/8/99	Laguna Beach - So. End Main Beach (AWMA S16)	12/10/99	160	90	190
4	12/9/99	Capistrano Beach - Guard Shack (SERRA S9)	12/15/99	350	170	420
		Capistrano Beach - Mid (SERRA S11)	12/15/99	190	90	320
		Capistrano Beach - End (SERRA S13)	12/15/99	80	80	170
5		Huntington Harbour - Coral Cay	12/13/99	3000	4352	1223
6		Huntington State Beach - SAR to 200' U/C (OCSD 0)	12/13/99	40	41	158
7		Huntington State Beach - SLGT #3 (OCSD 2N)	12/13/99	520	368	990
8	12/18/99	Huntington State Beach - SLGT #7 (OCSD 5N)	12/20/99	40	20	110
9	12/20/99	Huntington City Beach - Bluffs (OCSD #27N)	12/21/99	<20	<20	122
10		Huntington City Beach - 17th Street (OCSD #21N)	12/21/99	80	80	168
11		Huntington State Beach - SLGT #2 (OCSD 1N)	12/24/99	70	70	166
		Huntington State Beach - SLGT #3 (OCSD 2N)	12/24/99	170	170	298
		Huntington State Beach - SLGT #4 (OCSD 3N)	12/24/99	130	130	212
12		Newport Beach - 15th-16th Street (OCSD 15S)	12/21/99	130	130	180
13	12/21/99	Laguna Beach - So. End of Main Beach (AWMA S16)	12/22/09	190	86	150

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14		Laguna Beach - So. End of Victoria Beach (AWMA S13)		12/24/99	130	110	110
15		Capistrano Beach - Guard Shack (SERRA S9)		12/24/99	90	66	120
16	12/22/99	Laguna Beach - No. End of Victoria Beach (AWMA S14)		12/24/99	130	110	110
17		Laguna Beach - Bluebird Canyon (AWMA S15)		12/24/99	110	100	130
18		Dana Point - Dana Strand (AWMA S1)		12/24/99	Cw/c	>400	120
19	12/23/99	Aliso Beach - Camel Point to 300' upcoast (AWMA S8)		12/28/99	42	34	120
20		Huntington Harbour - 11th Street Beach		12/29/99	220	4396	1153
21	12/28/99	Newport Bay - Harbor Patrol Beach		12/30/99	230	857	354
22	12/30/99	Huntington State Beach - SAR to 300' U/C (OCSD 0)		1/4/00	<20	<20	180
1999 Summary							
		Postings	Rain Advisories	Creek Releases	Misc.		
	July 28-31	7		1			
	August	16		2			
	September	24		6	1		
	October	19		2			
	November	29	1				
	December	22		1			
	Totals	117	1	12	1		
1	1/4/00	Aliso Beach - Aliso Creek to 300' downcoast (AWMA S9)		1/5/00	6200	440	960
2		Laguna Beach - No. End of Victoria Beach (AWMA S14)		1/5/00	100	40	430
3	1/5/00	San Clemente - North Beach @ Pico Avenue (SERRA 17)		1/6/00	390	540	330
4		Newport Bay - Sapphire Avenue		1/7/00	20	10	121
5		Seal Beach - 1st Street (SGR to Neptune Ave. posted)		1/7/00	1300	52	388
		Seal Beach - 8th Street		"	500	51	491
		Seal Beach - 14th Street		"	40	<10	134
6	1/7/00	Newport Beach - Balboa Pier (OCSD 21S)		1/10/00	80	20	300
7	1/11/00	Newport Bay - Newport Dunes (West Beach)		1/13/00	40	41	122
8	1/18/00	Huntington State Beach - Brookhurst Street (OCSD 3N)		1/21/00	200	140	208
9		Newport Beach - Orange Avenue (OCSD 3S)		1/19/00	170	170	110
10	1/19/00	Huntington City Beach - Jack's Snack Bar (OCSD 21N)		1/21/00	40	40	112
11		Newport Beach - 15th - 16th Street (OCSD 15S)		1/21/00	110	80	230
12		Newport Bay - Newport Dunes (Middle Beach)		1/21/00	130	97	1092
13		Newport Bay - Newport Dunes (North Beach)		1/21/00	500	496	31
14		Laguna Beach - So. End of Main Beach (AWMA S16)		1/21/00	400	330	1500
15		Laguna Beach - Bluebird Canyon (AWMA S15)		1/21/00	990	120	140
16		Laguna Beach - No. End of Victoria Beach (AWMA S14)		1/21/00	130	110	220
17		Laguna Beach - So. End of Victoria Beach (AWMA S13)		1/21/00	200	200	260
18		Aliso Beach - 300' to 600' So. Of Aliso Creek (AWMA 8.5)		1/21/00	70	80	130
19	1/20/00	Huntington Harbour - Trinidad Beach		1/22/00	1300	985	63
20		Huntington Harbour - Coral Cay Beach		1/22/00	170	345	10
21		Laguna Beach - Aliso Creek to 300' D/C (AWMA S9)		1/22/00	20	40	150

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22		Capistrano Beach - 7500' D/C Outfall @ Capo. (SERRA S11)	1/22/00	90	70	350
		Capistrano Beach - 10000' D/C Outfall @ Capo. (SERRA S13)	1/22/00	70	20	130
		Capistrano Beach - Poche Beach (SERRA S15)	1/21/00	<100	400	80
23		San Clemente - North Beach @ Pico Avenue (SERRA 17)	1/21/00	360	380	250
24	1/22/00	Laguna Beach - North Main Beach	1/24/00	80	52	171
25		Dana Point - Salt Creek to 300' D/C of Salt Creek	1/24/00	220	108	110
1	1/25/00	Rain Advisory - All Coastline	2/2/00	~	~	~
1	2/9/00	Capistrano Beach - Guardshack (SERRA S9)	3/16/00	340	550	900
		Capistrano Bay District (SERRA S11)	2/10/00	460	400	430
		Poche Beach (SERRA S15)	2/10/00	170	160	240
1	2/10/00	Rain Advisory - All Coastline	2/16/00	~	~	~
2	2/17/00	Rain Advisory - All Coastline	2/27/00	~	~	~
3	2/28/00	Rain Advisory - All Coastline	3/13/00	~	~	~
1	3/14/00	Newport Beach - N Street Beach	3/16/00		8164	216
2		Laguna Beach - Bluebird Canyon (AWMA S15)	3/16/00	1900	60	240
3		Laguna Beach - Three Arch Bay (SERRA S3)	3/16/00	60	40	3200
4	3/15/00	Laguna Beach - Main Beach	3/17/00	9000	8164	12033
5		Laguna Beach - Treasure Island Pier	3/16/00	2400	121	228
6	3/17/00	Huntington Beach - Bluffs (OCSD 27N)	3/19/00	230	230	288
7		Dana Point - Capistrano County Beach	4/28/00		213	345
8	3/19/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	3/21/00	500	300	396
		upcoast to Newland Street (OCSD 6N)	~	220	110	226
		(OCSD 9N)	~	170	110	126
9		Newport Beach - Corona Del Mar State Beach (OCSD 29S)	3/21/00	20	20	142
10	3/21/00	Huntington Harbour - 11th Street Beach	3/24/00	2400	262	776
11		Capistrano Bay District (SERRA S11)	3/25/00	200	70	250
		(SERRA S13)	~	40	40	110
12	3/22/00	Huntington State Beach - Magnolia Street (OCSD 3N)	3/24/00	500	300	>400
		downcoast to Brookhurst Street (OCSD 6N)	~	<20	<20	150
13		Newport Bay - Newport Dunes West	3/24/00	2400	465	98
14	3/26/00	Huntington State Beach - Santa Ana River (OCSD 0)	4/5/00	70	40	174
		upcoast to Brookhurst Street (OCSD 3N)	~	70	70	156
15	3/29/00	Seal Beach - San Gabriel River downcoast to 2nd Street	3/31/00	40	20	169
16	3/30/00	Laguna Beach - Bluebird Canyon (AWMA S15)	3/31/00	170	13	530
17		Capistrano Bay District (SERRA S11)	4/11/00	90	140	180
		(SERRA S13)	~	90	70	150
18		Newport Bay - Via Genoa	4/2/00	500	1145	1296
1	4/4/00	Newport Bay - Harbor Patrol Beach	4/8/00	800	1989	31
2		Laguna Beach - Bluebird Canyon (AWMA S15)	4/5/00	>2000	290	>2000
3	4/5/00	Huntington State Beach - SCE Plant (OCSD 9N)	4/7/00	300	230	194
4	4/7/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	see 4/16/00	40	30	122
5	4/12/00	Dana Point - Menards Beach - North	4/14/00	2400	31	160

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6	4/13/00	Huntington Harbour - Peter's Landing	4/15/00	1300	2282	355
7	4/14/00	Huntington City Beach - Bluffs (OCSD 27N)	4/19/00	40	40	210
E	4/16/00	Huntington State Beach - Magnolia Street (OCSD 6N)	see 4/19/00	500	500	234
E		Huntington State Beach - Brookhurst Street (OCSD 3N)	~	130	80	156
1	4/17/00	Rain Advisory - All Coastline	4/23/00	~	~	~
8	4/18/00	Newport Bay - 19th Street Beach	4/20/00	800	638	12997
9	4/19/00	SAR to Warner Avenue (OCSD 0)	4/23/00	>16000	16000	>600
		(OCSD 3N)	4/23/00	>16000	3000	>600
	(RAIN	(OCSD 6N)	4/28/00	>16000	2200	>600
	EVENT)	(OCSD 9N)	4/23/00	>16000	5000	>400
		(OCSD 12N)	4/21/00	16000	3000	>400
		(OCSD 15N)	4/21/00	5000	2400	>400
		(OCSD 21N)	4/21/00	>16000	1300	>400
		(OCSD 27N)	4/21/00	9000	500	840
		(OCSD 33N)	4/21/00	16000	500	>400
		(OCSD 39N)	4/21/00	3000	500	390
10		Newport Beach - Big Corona Beach (OCSD 29S)	4/20/00	1700	800	384
11		Crystal Cove - Los Trancos (OCSD 39S)	4/20/00	16000	3000	>240
12		Laguna Beach - No. End of Victoria Beach (AWMA S14)	4/22/00	950	120	190
13		Aliso Beach - Pillar House (AWMA S10)	4/20/00	>20000	4500	10000
		Aliso Beach - Treasure Island South Ramp (AWMA S11)	4/20/00	13000	2500	5200
14	4/20/00	Crystal Cove - Muddy Creek	4/22/00	<20	<10	>24192
15		Crystal Cove - El Morro	4/22/00	5000	1010	<10
16	4/21/00	Huntington Harbour - Trinidad Beach	4/23/00	16000	545	<10
17		Huntington Harbour - Davenport Beach	4/23/00	9000	683	10
18		Huntington Harbour - 11th Street Beach	4/23/00	3000	405	20
19	4/22/00	Newport Bay - 19th Street Beach	4/25/00	>16000	1424	10
20	4/25/00	Newport Bay - Bayshore Beach	4/27/00	300	31	122
21		Newport Bay - Newport Dunes North	4/27/00	170	240	132
22	4/27/00	Seal Beach - 1st Street	5/2/00	80	20	85
		Seal Beach - 8th Street	4/29/00	500	722	500
23	4/30/00	Huntington City Beach - CLGT #15 (OCSD 12N)	5/2/00	300	230	240
24		Huntington State Beach - Magnolia Street (OCSD 6N)	See 5/18/00	300	300	316
1	5/2/00	Newport Bay - Newport Dunes North	5/12/00	170	1224	<10
2	5/3/00	Huntington State Beach - Brookhurst Street (OCSD 3N)	5/12/00	1300	1300	130
3		Laguna Beach - Bluebird Canyon (AWMA S15)	5/4/00	12	2	>400
4		Laguna Beach - Laguna Avenue (AWMA S16)	5/4/00	20	12	>400
5	5/4/00	Aliso Beach - Creek to 300' Downcoast (AWMA S9)	5/5/00	80	60	190
6		Huntington Harbour - Clubhouse Marina	5/6/00	3000	4106	10
7	5/7/00	Huntington State Beach - SAR (OCSD 0)	5/11/00	1300	800	138
8	5/9/00	Newport Bay - Newport Dunes East	5/11/00	230	41	228
9		Newport Bay - Garnet Avenue	5/11/00	500	145	428

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10		Dana Point - Capistrano County Beach (SERRA S9)	5/11/00	400	130	180
11		Poche Beach -150' U/C and 150' D/C of Creek (SERRA S15)	7/6/00	CF	2400	>2000
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
			7/7/00	20	<10	171

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3		Laguna Beach - 1000 Steps (AWMA S4)	7/5/00	2	<2	180
4		Dana Point Harbor - Baby Beach West End	7/13/00	~	~	log mean
5	7/5/00	Laguna Beach - Blue Lagoon (AWMA S13)	7/6/00	4	<2	214
6		Aliso Beach-150' U/C to 150' D/C of Creek (AWMA S8.5)	7/9/00	240	70	460
		150'D/C to 300' D/C of Aliso Ck (AWMA S9)	7/6/00	100	30	130
7	7/6/00	Newport Bay - Newport Dunes North	7/9/00	70	1223	295
8		Newport Bay - Park Avenue Balboa Island	7/8/00	500	171	119
9		Newport Bay - 38th Street Beach	8/24/00	16000	2359	305
10		Dana Point Harbor - Guest Dock	7/11/00	230	<10	122
11	7/11/00	Newport Bay - Newport Dunes Middle	7/13/00	20	<10	256
12		Newport Bay - Rhine Channel	7/13/00	500	447	122
13		Newport Bay - Park Avenue Balboa Island	7/13/00	230	52	108
14		Doheny State Beach - 300' at Mouth SJC (SERRA 0)	see 7/13/00	2000	2000	540
15		Poche Beach -150' U/C and 150' D/C of Creek (SERRA S15)	7/19/00	730	500	470
E	7/12/00	Huntington State/City Beach - 500' U/C (OCSD 6N)	8/13/00*	230	230	152
		Huntington Street to 500' Downcoast (OCSD 9N)	*8/16/00	230	230	246
		Magnolia Street * (7/13/00-500' U/C (OCSD 12N)	7/13/00	2400	2400	>400
		Newland to 500' D/C Magnolia) (OCSD 15N)	7/13/00	230	230	322
16		Newport Beach - Little Corona	7/14/00	90	63	301
1	7/13/00	Doheny Beach - 250' U/C to 1000' D/C SJC (Ck. Release)	7/15/00	~	~	~
17	7/18/00	Huntington Harbour - Mother's Beach	7/20/00	90	754	201
18		Huntington Harbour - Sea Gate Lagoon	7/20/00	130	74	135
19		Huntington Harbour - Peter's Landing	7/25/00	121	52	121
20		Newport Bay - Newport Dunes North	9/8/00	20	1086	20
21		Aliso Beach - Aliso Creek to 300' D/C Creek (AWMA S9)	7/20/00	47	8	130
22	7/19/00	Dana Point - Salt Creek to 300' D/C of Creek (AWMA S2)	7/20/00	200	26	180
23		Dana Point Harbor - Baby Beach West End	7/28/00	700	1250	<10
		Baby Beach Buoy Line	7/26/00	300	450	<10
24	7/20/00	Aliso Beach - Aliso Creek to 300' D/C Creek (AWMA S9)	7/23/00	47	8	130
25	7/23/00	Newport Beach - 38th Street (OCSD 9S)	7/25/00	<2	<2	272
26	7/25/00	Newport Bay - Lido Isle Yacht Club	7/27/00	230	<10	1137
27		Newport Bay - 15th Street Beach	7/29/00	1300	536	74
28		Aliso Beach - Aliso Creek to 300' D/C Creek (AWMA S9)	7/26/00	6	4	160
29	7/26/00	Doheny Beach - San Juan Creek to 300' D/C	7/28/00	110	<10	238
30	7/27/00	Laguna Beach - 1000 Steps (AWMA S4)	7/28/00	2	<2	>400
31		Monarch Beach - 300' U/C of Salt Creek	7/29/00	900	110	240
32	7/28/00	Doheny State Beach-150' U/C & 150'D/C SLGT#7 (SERRA S5)	7/29/00	250	120	600
1	8/1/00	Doheny Beach - 250' U/C to 1000' D/C of SJC (Ck. Release)	8/2/00	~	~	~
1		Dana Point - Capistrano County Beach to 500' (SERRA S9)	8/4/00	80	20	110
		D/C of Poche Creek (SERRA S11)	8/4/00	130	60	210
R		Poche Beach (8/4/00 150' U/C-150' D/C Creek) (SERRA S15)	9/21/00	1180	410	600
2		Newport Bay - Abalone Avenue	8/3/00	<20	41	119

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3	8/3/00	Huntington Harbour - Mother's Beach	8/5/00	20	1071	20
4		Huntington Harbour - Davenport Beach	8/5/00	2400	121	350
5		Aliso Beach - North End (AWMA S11)	8/4/00	50	28	140
6	8/8/00	Newport Bay - Bayshore Beach	8/18/00	5000	20	896
7	8/16/00	Huntington City Bch-500' U/C & D/C of Huntington St (OCSD 15N)	8/17/00	800	20	>400
8		Dana Point Harbor - West End Baby Beach	8/18/00	230	932	<10
9	8/17/00	Bolsa-Chica State Beach - SLGT#23 (OCSD 39N)	8/18/00	40	40	162
10		Huntington State Beach - Magnolia Street (OCSD 6N)	8/18/00	130	130	106
11		Doheny State Beach - DPH Breakwater to 300' D/C	8/19/00	9000	3654	146
12	8/19/00	Newport Bay - Bayshore Beach	8/22/00	300	199	146
13	8/22/00	Newport Bay - Garnet Avenue	8/24/00	110	544	238
14		Newport Bay - Rhine Channel	8/24/00	1100	1191	275
15		Newport Bay - Harbor Patrol Beach	8/26/00	80	132	109
16		Newport Bay - Rocky Point Beach	8/24/00	20	350	122
17		Newport Bay - Newport Dunes West End	8/24/00	40	173	141
18	8/23/00	Dana Point Harbor - Baby Beach Swim Area	8/25/00	<20	52	134
		Dana Point Harbor - Baby Beach Buoy Line	8/25/00	40	185	2247
19		Doheny State Beach - SJC to 300' D/C	8/25/00	40	31	169
E	8/24/00	Doheny State Beach - 300' to 1000' D/C of SJC (SERRA S1)	8/25/00	170	80	260
1	8/28/00	Aliso Beach-250' U/C to 100' D/C of Aliso Creek (Ck. Release)	8/30/00	-	-	-
20	8/29/00	Huntington State Beach-500' U/C Newland to 500' (OCSD 6N)	see 9/1/00	5000	5000	>400
		D/C of Magnolia (OCSD 9N)	8/31/00	300	170	138
21		Newport Bay - 500' at north end of Dunes	see 9/6/00	130	645	20
22		Newport Bay - 38th Street	9/2/00 4	110	1039	20
23	8/30/00	Doheny State Park - SLGT #7 (SERRA S5)	9/6/00	180	160	170
24		Monarch Beach - 300' U/C of Salt Creek	9/3/00	900	109	231
25		Dana Point Harbor - Baby Beach Swim Area	9/9/00	500	3076	4611
		Dana Point Harbor - Baby Beach Buoy Line	9/1/00	70	512	<10
R	8/31/00	Huntington State Beach 500' U/C & D/C of Newland (OCSD 9N)	see 9/1/00	5000	5000	>400
E	9/1/00	Huntington State Beach-500' U/C Newland to 500' (OCSD 6N)	9/3/00	9000	9000	>400
		D/C of Magnolia (9/3/00-1 50' U/C&D/C Newland) (OCSD 9N)	9/5/00	<20	<20	176
1	9/3/00	Huntington State Beach 150' U/C & D/C Brookhurst (OCSD 3N)	9/5/00	800	800	202
2	9/6/00	Newport Bay - Garnet Avenue	9/8/00	1700	1183	20
R	★ (R)	Newport Bay - 300' North end of Dunes (reduction)	9/8/00	20	<10	<10
3	9/7/00	Crystal Cove State Beach - 150' U/C & D/C of Treasure Cove	9/9/00	220	74	669
4		El Morro - 300' D/C of El Morro Creek	9/9/00	130	122	2014
5		Laguna Beach - 150' U/C & D/C of Broadway Street	9/9/00	20	10	379
6		Doheny State Park -SJC to 1500' D/C (SERRA 0)	see 9/13/00	70	80	570
		(9/8/00 - SJC to 300' D/C) (SERRA S1)	9/8/00	100	140	700
7	9/8/00	Huntington State Beach 150' U/C & D/C Newland (OCSD 9N)	see 9/10/00	130	130	124
E	9/10/00	Huntington State/City Beach-500' U/C Beach (OCSD 9N)	see 9/13/00	110	110	108
		to 500' D/C of Newland (OCSD 12N)	9/13/00	300	300	126

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R	9/13/00	Huntington State Beach - 150' U/C & D/C Newland (OCSD 9N)	9/15/00	230	230	134
		Newport Bay - Bayshore Beach	9/15/00	40	20	116
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 (SERRA S11)	see 10/26/2000	70	60	150
		Creek (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 Tern	1700	1722	86
		(Buoy Line)	10/12/00 Long Tern	1300	3255	11199
		(Swim Area)	10/12/00 Long Tern	5000	1860	1012
		(East End)	10/12/00 Long Tern	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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5		Three Arch Bay - 150' U/C&D/C of Access Stairs (AWMA S3)	10/5/00	74	110	>400
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.) (8th Street)	see 10/13/00 see 10/13/00	800 3000	332 496	10 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. (OCSD 9N)	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 San Clemente Pier (SERRA S17) (SERRA S19)	10/15/00 10/17/00	9700 720	5500 390	14200 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) to Santa Ana River (OCSD 3N)	10/15/00 10/15/00	5000 >16000	700 1100	116 102
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) to Santa Ana River (OCSD 9N)	11/1/00 11/2/00	5000R 16000R	170R 230R	136R 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



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31	10/30/00	San Clemente-1000' U/C&D/C Pico Drain (From Closure)	see 11/2/00	5000	1187	1842
R	11/2/00 (R)	San Clemente - 300' Section of North Beach (From Closure)	11/4/00	90	20	161
R	11/3/00 (R)	Newport Bay - Dunes East	see 11/8/00	500	<10	<10
E	11/7/00 (E)	Capistrano Bay District	11/29/00	310	130	110
1	11/8/00	Huntington State Beach-150' U/C&D/C Brookhurst (OCSD 3N)	see 11/14/00	170	170	380
2		Newport Bay - Dunes North	11/10/00	<20	10	10
		Newport Bay - Dunes East	11/15/00	500	605	187
		Newport Bay - Dunes Middle	11/10/00	170	209	1236
		Newport Bay - Dunes West	11/10/00	230	63	158
3		Newport Bay - Rhine Channel	11/10/00	500	487	31
4		Newport Bay - 19th Street Beach	12/6/00	800	1119	620
5		Newport Bay - 38th Street Beach	11/10/00	2400	31	488
6	11/13/00	Newport Beach-300' of Corona del Mar State Bch (OCSD29S)	11/15/00	800	800	64
E	11/14/00	Huntington State Beach-500' U/C Magnolia to (OCSD 6N)	11/16/00	500	500	96
		500' D/C of Brookhurst (OCSD 3N)	11/15/00	300	300	134
7		Laguna Beach - 300' of Main Beach	11/16/00	300	41	211
8		Laguna Beach - Bluebird Canyon (AWMA S15)	11/16/00	>2000	>2000	420
9	11/15/00	Huntington City Beach-150' U/C & D/C Huntington St. (OCSD 15N)	11/17/00	<20	<20	258
10	11/16/00	Huntington Harbour - Sunset Aquatic Park	11/18/00	170	30	199
11		Huntington State Beach-150' U/C & 150' D/C Brookhurst (OCSD 3N)	11/17/00	1300	1300	88
E	11/21/00	(E) Seal Beach - SGR Breakwater to Pier (1st Street)	see 12/1/00	300	31	71
		(8th Street)	11/24/00 (R)	170	10	168
12		Huntington Harbour - Trinidad Beach	11/24/00	500	663	<10
13		Huntington Harbour - Sunset Aquatic Park	12/21/00	300	185	474
14		Newport Beach - Little Corona Beach	11/24/00	500	1616	85
15	11/27/00	Huntington State Beach - 150' U/C & D/C Brookhurst St. (OCSD 3N)	11/29/00	70	70	112
16	11/28/00	Laguna Beach - Lifeguard Headquarters to Hotel Laguna (AWMA S16)	11/30/00	800	63	132
			11/30/00	220	190	270
17		Laguna Beach - Three Arch Bay (AWMA S3)	11/30/00	36	26	360
18		Dana Point - 300' North end of Salt Creek Beach (AWMA S2)	11/30/00	Cw/c	100	180
E	12/1/00	Seal Beach - SGR Breakwater to 700' D/C	see 12/5/00 (R)	500	272	52
R	12/5/00	Seal Beach - SCR Breakwater to 350' D/C	12/28/00	80	145	<10
1	12/6/00	Newport Bay - 300' of North Star Beach	12/8/00	300	776	10
2		Newport Bay - Rhine Channel	12/8/00	3000	613	52
3		Newport Bay - 300' of North end of Dunes	12/8/00	500	345	134
4		Newport Bay - 300' of West end of Dunes	12/8/00	800	470	41
5	12/7/00	Huntington Harbour - Clubhouse Marina	12/9/00	1100	74	199
E		(E) Dana Point - Capistrano Bay District to (SERRA S11)	Long Term 3/11/01	10	40	50
		500' D/C of Poche Creek (SERRA S13)	Long Term 3/11/01	60	10	50
6		San Clemente - 150' D/C of Lifeguard Headquarters	12/9/00	10	40	110
7	12/10/00	Huntington State Beach - 500' U/C & D/C Brookhurst St. (OCSD 3N)	12/14/00	800	800	206
8	12/12/00	Huntington Harbour - 11th Street Beach	12/14/00	500	404	171

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9		Laguna Beach - 300' of Main Beach	see 12/13/00	500	327	189
10		Monarch Beach - Salt Creek to 300' D/C	12/14/00	220	10	156
11	12/13/00	Newport Bay - Harbor Patrol Beach	12/15/00	130	31	121
12		Newport Bay - Abalone Avenue	12/20/00	80	10	160
13		Newport Bay - Grand Canal	12/15/00	20	20	213
14		Newport Beach - 500' between 15th & 16th Streets (OCSD 15S)	12/15/00	500	500	264
E		(E) Laguna Beach - 500' U/C of Lifeguard Headquarters to 500' D/C of Hotel Laguna (AWMA S16)	see 12/14/00 ~	500 >400	327 96	189 350
15		Dana Point - 150' D/C & 150' U/C Selva Ramp	12/14/00	12	12	200
16		San Clemente - 300' of North End of North Beach	12/15/00	650	240	1100
R	12/14/00	(R) Laguna Beach - 300' at Hotel Laguna (AWMA S16)	12/22/00	280	170	50
17	12/20/00	Newport Bay - Rhine Channel	12/27/00	9000	24192	31
18		Newport Bay - 10th Street Beach	12/22/00	20	61	379
19	12/21/00	Huntington Harbour - 11th Street Beach	Long Term 3/11/01	1700	452	318
20	12/27/00	Newport Bay - Abalone Avenue	1/6/01	20	<10	41
21	12/28/00	Huntington Harbour - Sunset Aquatic Marina	12/30/00	40	10	52
22		Huntington Harbour - Admiralty Drive Channel	2/23/01	90	110	364
2000 Summary						
		Postings	Rain Advisories	Creek Releases	Misc.	
	January	25	1			
	February	1	3			
	March	18	1			
	April	24	1			
	May	22	0			
	June	21	0			
	July	32	0	1		
	August	25	0	1		
	September	26	1			
	October	31	2	1		
	November	18	0			
	December	22	0			
	Totals	265	9	3		
1	1/4/01	Newport Bay - Newport Dunes East	1/6/01	1700	1414	<10
2	1/5/01	Seal Beach - SGR breakwater to 300' downcoast	1/19/01	<20	20	80
3		Newport Beach - 300' of Corona del Mar State Beach (OCSD 29S)	1/7/01	300	300	158
4	1/7/01	Huntington State Beach - 500' U/C & D/C Brookhurst (OCSD 3N)	1/18/01	1100	1100	172
1	1/8/01	Rain Advisory - All Coastline	1/16/01	-	-	-
	1/11/01 (R)	Doheny State Beach-Ped. Bridge to end park (Red. due to closure)	see 1/18/01 (E)	-	-	-

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5	1/18/01	Newport Beach - 300' @ Orange Street (OCSD 3S)	1/19/01	2200	220	32
6		Newport Bay - Dunes All - Middle	2/23/01	800	122	669
		Newport Bay - Dunes All - West	2/9/01	3000	2046	4352
		Newport Bay - Dunes All -East	1/20/01 (R)	330	74	98
		Newport Bay - Dunes All - North	1/20/01 (R)	300	74	160
7		Newport Bay - 38th Street	1/25/01	16000	86	134
8		Newport Bay - North Star Beach	2/23/01	500	187	5172
9		Newport Bay - Alvarado & Bay Isle	1/20/01	230	<10	135
	(E)	All of Doheny State Park Beach(reposting after closure-see 1/11/01)	2/26/01(see 3/2)	-	-	-
10	1/19/01	Seal Beach - 8th Street	see 1/25/01 (E)	300	85	311
11	1/23/01	Salt Creek Beach - Salt Creek to 300' D/C	1/31/01	800	253	253
2	1/24/01	Rain Advisory - All Coastline	1/31/01	-	-	-
12	1/25/01 (E)	Seal Beach - SGR Breakwater to Seal Beach Pier	see 2/2/01	230	74	171
13		Newport Bay - Lido Isle Yacht Club Beach	1/31/01	230	121	259
	2/2/01(R)	Seal Beach - SGR breakwater to 300' downcoast 	2/3/01	-	-	-
1		Huntington State Beach - 150' U/C & D/C Brookhurst (OCSD 3N)	see 2/3/01	2800	-	24
	2/3/01(E)	Huntington State Beach - 500' U/C & D/C Brookhurst (OCSD 3N)	see 2/6/01	2800	2800	24
	2/6/01(R)	Huntington State Beach - 150' U/C & D/C Brookhurst (OCSD 3N)	2/8/01	-	-	-
2		Newport Beach - 300' at north end of Corona del Mar State Beach	2/8/01	80	131	109
3	2/7/01	Seal Beach - 150' U/C & D/C of 8th Street 	2/9/01	-	-	Log Mean
4		Huntington City Beach-500' U/C&D/C Dog Beach (OCSD 27N)	2/9/01	800	800	184
5		Newport Bay - Onyx Avenue	2/9/01	9000	12033	7701
6		Newport Bay - Sapphire Avenue	2/9/01	20	10	185
7		Newport Bay - Via Genoa	2/9/01	130	20	109
8		Newport Bay - Promontory Point Channel	2/9/01	300	52	5794
9		Newport Bay - Harbor Patrol Beach	2/9/01	130	86	240
10	2/8/01	Huntington City Beach-150' U/C&D/C Huntington St. (OCSD 15N)	2/9/01	800	500	64
11		Huntington Harbour - Humboldt Beach	2/10/01	3000	73	3076
12		Huntington Harbour - Davenport Beach	2/10/01	2400	10	272
13		Huntington Harbour - Coral Cay Beach	2/10/01	3000	4611	1935
14		Laguna Beach - 150' U/C&D/C of Laguna Hotel (AWMA S16)	2/10/01	Cw/C	410	>2000
15		Laguna Beach - 150' U/C&D/C of Bluebird Canyon Dr. (AWMA S15)	2/10/01	470	130	160
16		Aliso Beach - Treasure Island (AWMA S11)	2/10/01	190	30	110
		- Aliso North (AWMA S10)	2/10/01	220	70	140
		- Aliso Mid (AWMA S9)	2/10/01	480	2310	140
		- Aliso South (AWMA S8)	2/10/01	200	100	160
3	2/10/01	Rain Advisory - All Coastline	2/16/01	-	-	-
17	2/17/01	Huntington State Beach -300' U/C of SAR to Newport Beach - 300' D/C of SAR (from closure)	- 2/20/01	- -	- -	- -
4	2/20/01	Rain Advisory - All Coastline	3/13/01	-	-	-
18	2/21/01	Laguna Beach - 150' U/C & D/C of Anita Street (from closure)	2/23/01	-	-	-
19	2/25/01	Huntington State Beach 1000' U/C of SAR to	-	-	-	-

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		Newport Beach - 1000' D/C of SAR (from closure)	3/8/01	~	~	~
20		Newport Beach - Newport Slough (from closure)	3/11/01	~	~	~
1	3/2/2001 (C)	Dana Point-Doheny St. Beach(from closure-reposting-see 1/18/01)	Long Term 3/11/01	~	~	~
	(C)	Dana Point-Capo. Co. Beach (from closure-reposting see 10/26/00)	Long Term 3/11/01	~	~	~
2	3/14/01	Newport Bay - Sapphire Avenue	3/16/01	20	10	121
3		Newport Bay - North Star Beach	3/16/01	500	97	132
4		Laguna Beach - Cress Street D/C to Pearl Street (dead fish & birds)	3/15/01	430	300	350
1		San Clemente - 150' U/C & D/C of Riveria Tunnel (Creek Release)	3/15/01	~	~	~
5	3/15/01	Huntington Harbour - Trinidad Beach	3/17/01	800	556	63
6		Newport Beach - Newport Slough	3/17/01	6131	30	131
7	3/19/01	Newport Beach - 150' U/C & D/C of Orange Street	3/20/01	800	>400	80
8	3/20/01	Dana Point - 300' of Salt Creek Beach @ south End of Ritz Cove	3/21/01	26	1	130
9		Newport Bay - Dunes Middle	3/22/01	70	50	150
10	3/22/001	Huntington Harbour - Mother's Beach	3/24/01	530	540	40
11	3/27/01	Aliso Beach - Aliso Creek D/C to Camel Point (AWMA S8)	3/29/01	510	330	320
		(AWMA S9)	~	200	110	160
12		Newport Bay - Grand Canal	3/29/01	30	10	150
13		Newport Bay - Rocky Point	3/31/01	460	520	70
14	3/28/01	Laguna Beach - 300' of Victoria Beach (AWMA S14)	3/29/01	Cw/C	>400	64
15	3/29/01	Huntington Harbour - Huntington Harbour Marina	3/31/01	TNTC	10800	7600
16		Huntington Harbour - Admiralty Drive	3/31/01	10	10	200
17		Huntington Harbour - Anaheim Bay Gas Dock	3/31/01	10	10	200
18	3/30/01	Crystal Cove State Park - Muddy Creek	4/1/01	8800	2000	1600
19		Monarch Beach - 300' D/C of Salt Creek	4/1/01	30	40	260
1	4/3/01	Newport Bay - Dunes East	4/5/01	330	350	120
2		Newport Bay - Alvarado & Bay Isle	4/12/01	100	20	480
3		Newport Bay - Rhine Channel	4/5/01	>4400	>3400	95
4	4/5/01	Seal Beach - 500' D/C of Seal Beach Pier	4/7/01	3000	2400	1090
5		Huntington Harbour - Huntington Harbour Marina	4/7/01	4800	3600	340
6		Newport Slough - Grant Street	4/7/01	150	40	130
7	4/6/01	Aliso Beach - 150' U/C & D/C of Concession Stand	4/9/01	90	70	110
1	4/7/01	Rain Advisory - All Coastline	4/13/01	~	~	~
8	4/8/01	Huntington State Beach - 500' U/C Newland Street (OCSD 9N)	4/11/01	170	170	112
		to 500' D/C of Magnolia Street (OCSD 6N)	~	300	300	136
9	4/10/01	Newport Bay - 38th Street Beach	4/12/01	2000	90	1000
10		Newport Bay - Lido Isle Yacht Club Beach	4/12/01	TNTC	570	130
11		Newport Bay - Via Genoa	4/12/01	TNTC	650	120
12		Newport Bay - Bayshore Beach	4/15/01	18400	230	70
13		Newport Bay - DeAnza Ramp	4/12/01	22200	370	110
14		Newport Bay - Harbor Patrol Beach	4/17/01	90	170	410
15		Newport Bay - Onyx Avenue	4/12/01	4000	130	150
16		Newport Bay - "N" Street Beach	4/12/01	>17000	150	10

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17	4-10-01	Newport Bay - 10th Street Beach	4/12/01	11400	90	20
18	"	Newport Bay - 15th Street Beach	4/12/01	TNTC	590	150
19	"	Newport Bay - 19th Street Beach	4/12/01	TNTC	380	<10
20	"	Newport Bay - North Star Beach	4/12/01	TNTC	1050	250
21	"	Newport Bay - Newport Dunes North	4/12/01	TNTC	1000	150
	"	Newport Bay - Newport Dunes East	4/12/01	TNTC	1390	90
	"	Newport Bay - Newport Dunes Middle	4/12/01	TNTC	710	80
	"	Newport Bay - Newport Dunes West	4/12/01	TNTC	760	60
22		Laguna Beach - 250' U/C & D/C of Hotel Laguna	4/12/01	200	2300	100
23		Dana Point - 300' of Salt Creek Beach @ south End of Ritz Cove	4/12/01	320	<10000	20
24	4/12/01	Huntington Harbour - Clubhouse	4/30/01	~	~	Log Mean
25		San Clemente - 300' of North Beach	4/15/01	100	54	120
26	4/19/01	Monarch Beach - 300' U/C of Salt Creek (from closure)	4/21/01	28	30	110
27	4/20/01	Huntington State Beach - 150' U/C & D/C Magnolia (OCSD 6N)	4/22/01	3000	3000	42
2	4/21/01	Rain Advisory - All Coastline	4/24/01	~	~	~
28	4/21/01	Newport Beach - Balboa Pier to 300' D/C (OCSD 21S)	4/22/01	1100	1100	2
29		Laguna Beach - 300' D/C of Pearl Street (from closure)	4/23/01	>16000	278	173
30	4/24/01	Newport Bay - Dunes North	4/26/01	12800	260	<10
31		Newport Bay - 10th Street Beach	4/26/01	18400	220	20
32		Newport Bay - North Star Beach	4/26/01	>25600	310	10
1	5/1/01	Newport Bay - Dunes North	5/3/01	7800	5000	20
2	5/3/01	Huntington Harbour - Clubhouse	5/5/01	830	780	760
3		Newport Beach - Grant Street @ Newport Slough		130	90	2200
4		Dana Point - Capo Bay Community Beach (SERRA S13)	5/5/01	80	70	270
5	5/8/01	Huntington Harbour - Seagate Lagoon	5/11/01	<10	<10	420
6	5/9/01	Huntington State Beach - 500' U/C & D/C Magnolia (OCSD 6N)	5/11/01	>16000	>16000	94
7	5/10/01	Laguna Beach - Laguna Lido Apartments (AWMA S 5)	5/12/01	410	<10	150
8	5/15/01	Newport Bay - Rhine Channel	5/17/01	6800	<10	160
9		Newport Bay - Bayshore Beach	5/17/01	100	30	250
10		Newport Bay - Onyx Avenue	5/17/01	50	100	170
11		Newport Bay - Garnet Avenue	5/17/01	4000	630	20
12	5/17/01	Huntington Harbour - Trinidad Beach	5/19/01	30	<10	360
13	5/18/01	Newport Bay - Bayshore Beach	5/21/01	~	~	Log Mean
14	5/22/01	Newport Bay - Dunes East	5/24/01	31200	10	100
15		Newport Bay - Sapphire Avenue	5/30/01	30	40	410
16	5/24/01	Huntington Harbour - Trinidad Beach	5/27/01	~	~	Log Mean
17	5/25/01	Crystal Cove State Park - El Morro Beach	5/27/01	10	10	210
18	5/29/01	Aliso Beach - 150' U/C & D/C of Stairway (AWMA S10)	5/31/01	>400	570	100
19	5/30/01	Newport Bay - Harbor Patrol Beach	6/1/01	~	~	140
1	6/1/01	Huntington Harbour - 11th Street	6/7/01	30	60	200
2		Newport Beach - Lancaster Beach @ Newport Slough	6/7/01	300	310	820
3		Dana Point - Conistrano County Beach (SERRA S9)	6/6/01	500	30	160

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10/2

4	6/3/01	Huntington State Beach-150 U/C & D/C Magnolia (OCSD 6N)	6/11/01	500	500	2
5	6/5/01	Newport Bay - Harbor Patrol Beach	7/10/01	C/wc	300	160
		Newport Bay - Rocky Point	6/7/01	3200	30	620
6	6/6/01	Huntington State Beach - 150' U/C & D/C Newland (OCSD 9N)	6/8/01	1300	1300	990
7	6/7/01	Huntington Harbour - Clubhouse	6/9/01	>4400	6600	990
		Huntington Harbour - Sunset Aquatic Marina	6/9/01	1400	490	80
8	6/8/01	Doheny State Beach - SLGT #7 (SERRA S5) from long term	see 6/14/01	~	~	Log Mean
9	6/12/01	Huntington Harbour - Sunset Aquatic Marina (from closure)	6/14/01	~	~	~
10	6/14/01	Huntington Harbour - Humboldt Beach	6/16/01	2600	780	10
11		Newport Beach - Lancaster Beach @ Newport Slough	7/12/01	~	~	Log Mean
12		Dana Point - San Juan Creek D/C to end of Doheny Beach (SERRA S1)	7/17/01 (SS)	6400	3200	1500
		(SERRA S3)	7/17/01 (SS)	9100	4700	2700
		(SERRA S5) fr	7/17/01 (SS)	~	~	Log Mean
		(SERRA S7)	6/16/01	82	120	150
13		Dana Point - Poche Beach/150' U/C & D/C of Poche Creek (SERRA S15)	6/16/01	5200	700	1500
14	6/19/01	Huntington State Beach - 150' U/C & D/C of Newland Street (OCSD 9N)	see 6/23/01	430	240	250
15	6/21/01	Huntington Harbour - Huntington Harbour Marina	6/23/01	570	870	<10
16	6/23/01	Huntington City Beach - 150' U/C & D/C Jack's Snack Bar (OCSD 15N)	6/25/01	470	370	780
E		Huntington State Beach - 500' U/C & D/C Newland Street (OCSD 9N)	6/25/01	540	550	930
17	6/26/01	Newport Bay - Lido Isle Yacht Club Beach	6/28/01	>580	940	20
18		Newport Bay - Grand Canal	6/28/01	1750	1500	20
19		Dana Point - Poche Beach/500' U/C & D/C of Poche Creek (SERRA S15)	See 8/15/01	7700	1200	820
20	6/28/01	Huntington Harbour - Harbor Channel @ Coral Cay	6/30/01	210	10	300
21	6/29/01	Huntington City Beach - 150' U/C & D/C Huntington Street (OCSD 15N)	7/1/01	300	300	122
1		Aliso Beach - 500' U/C & D/C of Aliso Creek (Creek Release)	7/1/01	~	~	~
1	7/3/01	Newport Bay - 19th Street Beach	7/5/01	400	420	810
2		Newport Bay - Abalone Avenue on the South Bayfront of Balboa Island	7/5/01	2200	1100	390
3	7/4/01	Huntington Harbor - Mother's Beach	7/6/01	100	760	20
4		Huntington State Beach - 150' U/C & D/C of Magnolia Street (OCSD 6N)	see 7/6/01	430	330	130
5		Newport Beach - 150' U/C & D/C of 38th Street	7/6/01	190	10	460
6		Newport Beach - Little Corona Beach	7/6/01	20	20	150
1	7/6/01	San Clemente - 300' of North Beach (Creek Release)	7/9/01	~	~	~
E		Huntington State & City Beach - 500' U/C of Beach to (OCSD 12N)	7/8/01	420	200	240
		500' D/C of Magnolia (OCSD)	7/8/01	640	480	260
			7/8/01	130	150	110
7	7/8/01	Huntington State Beach - SAR to 300' U/C (OCSD 0)	7/11/01	40	400	70
8		Newport Beach - 150' U/C & D/C of 38th Street (OCSD 9S)	7/10/01	160	140	350
9	7/10/01	Huntington City Beach - 150' U/C & D/C of 17th Street (OCSD 21N)	7/11/01	10	20	160
10		150' U/C & D/C of Magnolia Street (OCSD 6N)	7/11/01	470	250	160
11		Newport Bay - 19th Street Beach	7/31/01	1300	1520	900
12		Newport Bay - Alvarado & Bay Isle	7/12/01	29400	12400	20
13		Newport Bay - Sapphire Avenue	7/12/01	80	10	150

1999-2001
POSTING LOG FOR AB411

14		Newport Bay - Onyx Avenue	7/12/01	80	70	150
15		Newport Bay - Newport Dunes North	7/12/01	>16000	560	70
16		Newport Bay - Newport Dunes East	7/12/01	10600	50	10
17		San Clemente - 150' U/C & D/C of Lifeguard Headquarters	7/11/01	430	230	470
18	7/11/01	Dana Point Harbor - Youth Dock	7/13/01	20800	6200	140
19	7/12/01	Huntington Harbour - Sunset Aquatic Marina	7/14/01	1400	430	20
20		Huntington Harbour - Peter's Landing Marina	7/19/01	1200	120	140
21	7/17/01	Newport Bay - Grand Canal	7/19/01	200	160	140
22		Newport Bay - Newport Dunes North	7/21/01	800	220	3600
23		Newport Bay - 38th Street Beach	7/28/01	2000	600	30
24		Newport Bay - Lido Isle Yacht Club Beach	7/19/01	5000	3400	20
25	7/18/01	Huntington City Beach - 500' U/C of Huntington Street to (OCSD 15N)	7/19/01	120	70	170
		500' D/C of Magnolia Street (OCSD 12N)	7/19/01	230	220	150
		(7/19/01-500' U/C Newland to (OCSD 9N)	7/20/01	330	240	210
		500' D/C of Magnolia) (OCSD 6N)	See 7/20/01	800	1570	1050
26		Dana Point Harbor - Baby Beach West End	7/20/01	400	440	70
27		Dana Point Harbor - Baby Beach East End	7/26/01	5000	2200	270
28		Dana Point Harbor - Youth Dock	7/20/01	10600	550	10
29	7/19/01	Newport Beach - Lancaster Beach @ Newport Slough		2200	100	200
30		Doheny State Beach - DPH Breakwater to 300' D/C (from sewage spill)	8/8/01	~	~	Log Mean
31		Doheny State Beach - 150' U/C & 150' D/C of SLGT 7 (from sewage spill)	8/4/01	~	~	Log Mean
	7/20/01	(R) Huntington State Beach-150' U/C & D/C Magnolia Street (OCSD 6N)	7/22/01	380	340	250
32	7/24/01	Huntington State Beach - 150' U/C & D/C Brookhurst Street (OCSD 3N)	7/25/01	240	140	110
33		Newport Bay - Dunes North	8/11/01	23800	80	40
34		Newport Bay - Dunes East	8/30/01	31200	20	20
35	7/25/01	Monarch Beach - 300' U/C of Salt Creek	7/27/01	2200	200	160
36	7/26/01	Huntington Harbour - Humboldt Beach	7/28/01	30	10	570
37		Huntington Harbour - Sunset Aquatic Marina	7/28/01	800	190	180
38	7/31/01	Newport Bay - Rhine Channel	8/2/01	1000	310	140
39		Newport Bay - Harbor Patrol Beach	8/8/01	1000	310	140
1	8/1/01	Huntington State Beach - 150' U/C & D/C Brookhurst Street (OCSD 3N)	8/2/01	1100	1100	74
2		Dana Point Harbor - All of Baby Beach (Swim Area)	8/31/01	250	340	4200
		(West End)		1000	1000	80
		(Buoy Line)	8/31/01	190	30	100
		(East End)		600	110	70
3		San Clemente -150' U/C & D/C Lifeguard Headquarters (SERRA S19)	8/8/01	40	30	200
4		San Clemente - 150' U/C & D/C of Trafalgar Street (from fire)	8/3/01	~	~	~
5	8/2/01	Huntington Harbour - Peter's Landing Marina	See 8/15/01	23400	<10	40
6		Huntington State Beach - 150' U/C & D/C of Magnolia Street (OCSD 6N)	See 8/3/01	800	800	82
	8/3/01	(E) Huntington State Beach - 500' U/C Newland to 500' D/C Magnolia (6N)	8/4/01			
		(OCSD 9N)	See 8/4/01	500	300	114
	8/4/01	(R) Huntington State Beach - 500' U/C & D/C Newland Street (OCSD 9N)	8/5/01	300	300	88

1999-2001
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7	8/7/01	Capistrano Bay Community Beach (SERRA S11)	8/8/01	<10	<10	130
8	8/8/01	Doheny State Beach - 150' U/C & 150' D/C of SLGT 9 (SERRA S1)	8/11/01	20	10	140
9	8/9/01	Newport Bay - Harbor Patrol Beach	8/23/01 (SS)	~	~	~
10	8/10/01	Huntington Harbour - Admiralty Drive Channel	8/12/01 (SS)	~	~	~
11		Doheny State Beach - DPH Breakwater to 300' D/C	8/31/01	200	30	200
12	8/12/01	Huntington State Beach - 150' U/C & D/C of Beach Blvd. (OCSD 12N)	8/14/01	2400	2400	18
	8/15/01	Huntington Harbour - Peter's Landing Marina (from sewage spill)	8/16/01	~	~	~
13		Huntington State Beach - 150' U/C & D/C of Beach Blvd. (OCSD 12N)	8/16/01	260	260	84
	(R)	Dana Point - Poche Beach/150' U/C & D/C of Poche Creek (SERRA S15)	see 8/28/01	~	~	~
14	8/16/01	Huntington Harbour - Huntington Harbour Marina	8/18/01	1150	930	10
15		Huntington Harbour - Anaheim Bay Gas Dock	8/18/01	370	170	130
16		Huntington State Beach - 150' U/C & D/C of Brookhurst St. (OCSD 3N)	8/19/01	230	130	118
17	8/17/01	Huntington State Beach - 150' U/C & D/C of Beach Blvd. (OCSD 12N)	8/19/01	250	380	300
18		Newport Beach - 300' between 52nd & 53rd Streets (OCSD 6S)	8/19/01	400	70	160
19		Crystal Cove State Park - 150' U/C & D/C El Morro Creek	8/19/01	190	150	160
20		Monarch Beach - 300' D/C of Salt Creek	8/19/01	10600	300	133
21	8/22/01	Aliso Beach - Aliso Creek to 300' D/C of Aliso Creek (AWMA S8.5)	8/23/01			
		(AWMA S9)	8/23/01	250	27	180
22		Doheny State Beach - 300' between LGT #8 & #9 (SERRA S3)	see 8/28/01	100	40	160
23		Capistrano County Beach - 300' between LGT #1 & #2 (SERRA S9)	8/23/01	60	40	120
24	8/23/01	Huntington State Beach - SAR to 300' U/C (OCSD 0)	8/24/01	120	10	350
25	8/24/01	Dana Point Harbor - Harbor Patrol Dock	8/26/01	230	10	150
	8/26/01	Newport Bay - Harbor Patrol Beach (from sewage spill)		~	~	~
26	8/28/01	Huntington State Beach - 150' U/C & D/C of Newland Street (OCSD 9N)	8/29/01	110	110	202
27		Newport Beach - 300' between 15th & 16th Streets (OCSD 15S)	8/29/01	20	20	>400
28		Newport Beach - 300' at the Wedge (OCSD 27S)	8/29/01	500	300	106
		(E) Doheny State Beach - 500' D/C LGT 9, D/C to end of Park (SERRA S)	see 8/29/01	650	470	740
		(SERRA S5)	see 8/29/01	50	70	150
		(SERRA S9)	see 8/29/01			Log Mean
29		Capistrano Bay District - 500' U/C 35505 Beach Rd., (SERRA S)	8/29/01	270	210	190
		to 500' D/C Poche Creek at Poche Beach (SERRA S15)				Log Mean
30	8/29/01	Huntington City & State Beach - 150' U/C & D/C of Beach (OCSD 12N)		500	500	198
31		Huntington State Beach - 150' U/C & D/C of Brookhurst St. (OCSD 3N)	8/30/01	300	300	330
		(R) Doheny State Beach - SJC to 500' D/C of LGT # 7 (SERRA S1)	see 8/31/01	200	70	160
		(SERRA S3)		200	100	200
		(SERRA S5)		200	80	200
		(SERRA 0)		>26000	3600	3000
32		Capistrano County Beach - (SERRA S9)	8/31/01	200	40	110
		(R) Poche Beach - 150' U/C & D/C of Poche Creek				Log Mean
33	8/30/01	Huntington Harbour - Peter's Landing Marina	9/4/01			Log Mean
		(E) Huntington City & State Beach - 500' U/C & D/C of Beach (OCSD 12N)	see 8/31/01	500	500	198
34		Huntington State Beach - 150' U/C & D/C of Magnolia Street (OCSD 6N)	8/31/01	1300	1300	110

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Huntington Beach Postings by Station and Day May - August (to date) of 2000 and 2001.

*Huntington City Parcel 255
Beach (259)*

(Black Dots indicate 300' postings;

Red Dots indicate 1000' or continuous postings between stations)

Year		2000						2001					
Street	Station	Huntington 15N	Beach 12N	Newland 9N	Magnolia 6N	Brookhurst 3N	SAR 0	Huntington 15N	Beach 12N	Newland 9N	Magnolia 6N	Brookhurst 3N	SAR 0
MAY	1		•		•								
	2		•		•								
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	27				•	•							
	28				•	•							
	29				•	•							
	30				•	•							
	31				•	•							
JUNE	1				•	•							
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	3				•	•					•		
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	22				•	•				•	•		
	23				•	•				•	•		
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	25	•			•	•		•		•	•		
	26				•	•				•	•		
	27				•	•				•	•		
	28				•	•				•	•		
	29				•	•				•	•		
	30				•	•		•		•	•		
JULY	1				•	•		•		•	•		
	2				•	•				•	•		
	3				•	•				•	•		
	4				•	•				•	•		
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Huntington Beach Postings by Station and Day

May - August (to date) of 2000 and 2001

(Black Dots indicate 300' postings;

Red Dots indicate 1000' or continuous postings between stations)

Year		2000					
Street		Huntington	Beach	Newland	Magnolia	Brookhurst	SAR
Station		15N	12N	9N	6N	3N	0
MAY	1		●		●		
	2		●		●		
	3				●	●	
	4				●	●	
	5				●	●	
	6				●	●	
	7				●	●	●
	8				●	●	
	9				●	●	
	10				●	●	
	11				●	●	
	12				●	●	
	13				●		
	14				●		
	15				●		
	16				●		
	17				●		
	18				●		
	19				●	●	●
	20				●	●	●
	21				●	●	●
	22				●	●	●
	23				●	●	●
	24				●	●	●
	25				●	●	
	26				●	●	
	27				●		
	28				●		
	29				●		
	30				●		
	31				●		
JUNE	1				●	●	
	2				●	●	
	3				●		
	4				●		
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	6				●		
	7				●		
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	11				●		
	12				●		
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	24				●		
	25				●		
	26				●		
	27				●		
	28				●		
	29				●		
	30				●		
JULY	1				●		
	2				●		
	3				●		
	4				●		
	5				●		
	6				●		
	7				●		

Year		2001					
Street		Huntington	Beach	Newland	Magnolia	Brookhurst	SAR
Station		15N	12N	9N	6N	3N	0
	1						
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BeachName	DescriptionOfArea	DateClosed	DateOpened	TypeOfPosting	BMD
Huntington City Beach	Huntington Street.	1/19/00	1/21/00	Episode Of High Ind	0.11
Huntington City Beach	Bluffs.	3/17/00	3/19/00	Episode Of High Ind	0.11
Huntington City Beach	Beach Blvd. to Bluffs (OCSD 12N	4/19/00	4/21/00	Episode Of High Ind	6.00
Huntington City Beach	Beach Blvd.	4/30/00	5/2/00	Episode Of High Ind	0.11
Huntington City Beach	Beach Blvd to Huntington Street.	7/12/00	7/13/00	Episode Of High Ind	1.10
Huntington City Beach	Huntington Street.	8/16/00	8/17/00	Episode Of High Ind	0.19
Huntington City Beach	17th Street (OCSD 21N).	9/15/00	9/17/00	Episode Of High Ind	0.11
Huntington City Beach	500 feet upcoast Lifeguard Towe	10/1/00	10/3/00	Episode Of High Ind	2.60
Huntington City Beach	Huntington Street.	11/15/00	11/17/00	Episode Of High Ind	0.11

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BeachName	DescriptionOfArea	DateClosed	DateOpened	TypeOfPosting	BMD
Huntington City Beach	Dog Beach - Bluffs	2/7/01	2/9/01	Episode Of High Ind	0.38
Huntington City Beach	Huntington Street.	2/8/01	2/9/01	Episode Of High Ind	0.06
Huntington City Beach	OCSD 15N - Jack's Snack Bar	6/23/01	6/25/01	Episode Of High Ind	0.11
Huntington City Beach	Huntington Street	6/29/01	7/1/01	Episode Of High Ind	0.11
Huntington City Beach	Huntington and Beach Blvd.	7/18/01	7/19/01	Episode Of High Ind	0.66
Huntington City Beach	17th Street	7/10/01	7/11/01	Episode Of High Ind	0.06
Huntington City Beach	Beach Blvd.	8/29/01	9/1/01	Episode Of High Ind	0.15
Huntington City Beach	Jack's Snack Bar	9/16/01	9/18/01	Episode Of High Ind	0.11
Huntington City Beach	Beach Blvd.	8/12/01	8/14/01	Episode Of High Ind	0.06
Huntington City Beach	Beach Blvd.	8/15/01	8/16/01	Episode Of High Ind	0.03

Huntington Beach Closures and Postings by Station and Day July - October of 1999

(Black "X's" indicate closures;

Red Dots indicate 1000' or continuous postings between stations)

Year	1999						
Street	Huntington Street	Beach Blvd.	Newland Street	Magnolia Street	Brookhurst Street	Santa Ana River	
Station	15N	12N	9N	6N	3N	0	
JULY	1		X	X			
	2		X	X			
	3		X	X			
	4		X	X			
	5		X	X			
	6		X	X			
	7		X	X			
	8		X	X			
	9		X	X			
	10		X	X			
	11		X	X			
	12		X	X			
	13		X	X			
	14		X	X			
	15		X	X			
	16		X	X			
	17		X	X			
	18		X	X			
	19		X	X			
	20		X	X			
	21		X	X			
	22		X	X			
	23		X	X			
	24		X	X			
	25		X	X			
	26		X	X			
	27		X	X			
	28		X	X			
	29		X	X			
	30		X	X			
	31		X	X			
AUGUST	1		X	X			
	2		X	X			
	3		X	X			
	4		X	X			
	5		X	X			
	6		X	X			
	7		X	X			
	8		X	X			
	9		X	X			
	10		X	X			
	11		X	X			
	12		X	X	X		
	13		X	X	X		
	14		X	X	X		
	15		X	X	X		
	16		X	X	X		
	17		X	X	X		
	18	X	X	X	X		
	19	X	X	X	X		
	20	X	X	X	X	X	
	21	X	X	X	X	X	
	22	X	X	X	X	X	
	23	X	X	X	X	X	
	24	X	X	X	X	X	
	25	X	X	X	X	X	
	26	X	X	X	X	X	
	27	X	X	X	X	X	
	28	X	X	X	X	X	
	29	X	X	X	X	X	
	30	X	X	X	X	X	
	31	X	X	X	X	X	
SEPTEMBER	1	X	X	X	X	X	
	2				X	X	
	3						

Huntington Beach Closures and Postings by Station and Day July - October of 1999

(Black "X's" indicate closures;

Red Dots indicate 1000' or continuous postings between stations)

Street Station	Huntington Street	Beach Blvd.	Newman Street	Magnolia Street	Brookhurst Street	Santa Ana River
	15N	12N	9N	6N	3N	0
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9		•	•	•	•	•
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14	•	•	•	•	•	•
15	•	•	•	•	•	•
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