

Table 1
Toxic Substances Monitoring Program
Preliminary Summary of 1997 Data

801.11.89	Lower Newport Bay/Rhine Ch	CM	L	07/11/97	1.080	0.0520	0.394	4.3800	0.0770	NA	0.0160
3.260	0.0020 22.20										
801.11.96	Peters Canyon Channel	PRS	W	06/19/97	0.057	0.0480	0.029	0.4100	0.0100	0.015	<0.0002
0.850	0.0010 23.70										
801.11.96	Peters Canyon Channel	PRS	W	06/19/97	0.063	0.0470	0.034	0.4300	0.0150	0.012	<0.0002
0.880	0.0010 23.30										
801.11.99	Upper Newport Bay/Newport Dunes	DT	F	06/20/97	1.480	<0.0001	<0.001	0.1100	<0.0001	0.028	0.0004
0.700	0.0010 3.83										
801.11.99	Upper Newport Bay/Newport Dunes	DT	L	06/20/97	5.180	0.1850	0.677	22.1000	0.0090	NA	0.0290
2.540	0.0340 73.00										
902.11.01	Santa Margarita R/Stuart Mesa Rd	GAM	W	06/24/97	0.058	0.0030	0.006	0.4700	0.0020	0.018	<0.0002
0.160	0.0060 16.40										
906.40.01	Rose Cr/d/s Mission Bay Dr	GAM	W	06/23/97	0.065	0.0020	0.023	0.5800	0.0560	0.012	<0.0002
0.210	0.0030 16.90										
906.40.01	Rose Cr/d/s Mission Bay Dr	GAM	W	06/23/97	0.057	0.0020	0.024	0.6400	0.0620	0.012	<0.0002
0.220	0.0030 16.40										
907.11.03	San Diego R/u/s Taylor St	BG	F	06/23/97	0.023	<0.0001	0.004	0.1200	<0.0001	0.015	<0.0002
0.340	<0.0003 2.69										
907.11.03	San Diego R/u/s Taylor St	BG	L	06/23/97	0.221	0.0160	0.502	1.0800	<0.0001	NA	0.0100
2.060	0.0010 16.30										
909.12.03	Sweetwater R/Interstate 805	LMB	W	06/22/97	0.012	0.0010	0.004	0.1800	0.0090	0.022	<0.0002
0.130	0.0005 10.80										
910.20.05	Otay R/Apache Service Pond	BG	F	06/22/97	0.031	<0.0001	<0.001	0.0700	0.0003	0.053	<0.0002
0.360	<0.0003 3.29										
910.20.05	Otay R/Apache Service Pond	BG	L	06/22/97	0.237	0.0140	0.576	1.5600	<0.0001	NA	0.0220
2.220	0.0010 20.90										
911.11.04	Tijuana R/Dairy Mart Rd	GAM	W	06/22/97	0.052	0.0010	0.017	0.4100	0.0190	0.012	<0.0002
0.330	0.0110 12.80										

Arsenic Cad. chrom Cu Pb Hg Ni

L = Liver. F = Filet. W = Whole Body.
Species codes are listed in Table 3.

< = Below Indicated Detection Limit.

NA = Not Analyzed.

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TABLE 2
Toxic Substances Monitoring Program
Preliminary Summary of 1997 Data: Organic Chemicals in Fish (ppb, wet weight)

Total Station Chlor- Number dane	Chlor- pyrifos	Dacthal Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha-Chlor- dene	cis-Chlor- dane	gamma-Chlor- dene	trans-Chlor- dane	cis-Nona- chlor	trans-Nona- chlor	Oxy-chlor- dane
728.00.92 ND <10.0		Salton Sea/North 25.3	ORC	F	11/18/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
801.11.05 8.9 <10.0		Delhi Channel <5.0	PRS	W	06/18/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	8.9	<5.0
801.11.07 ND <10.0		San Diego Cr/Michelson Dr <5.0	PRS	W	06/19/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
801.11.09 ND <10.0		San Diego Cr/Barranca Pkwy <5.0	PRS	W	06/19/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
801.11.89 ND <10.0		Lower Newport Bay/Rhine Ch <5.0	CM	F	07/11/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
801.11.96 26.3 71.0		Peters Canyon Channel <5.0	PRS	W	06/19/97	<5.0	<5.0	9.4	<5.0	5.9	<5.0	11.0	<5.0
801.11.96 40.9 83.0		Peters Canyon Channel <5.0	PRS	W	06/19/97	<5.0	<5.0	11.0	<5.0	6.9	5.0	13.0	5.0
801.11.99 ND <10.0		Upper Newport Bay/Newport Dunes <5.0	DT	F	06/20/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
902.11.01 ND <10.0		Santa Margarita R/Stuart Mesa Rd <5.0	GAM	W	06/24/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
906.40.01 16.5 <10.0		Rose Cr/d/s Mission Bay Dr <5.0	GAM	W	06/23/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	11.0	5.5

Total Station Endo- Number sulfan	Dieldrin Endrin Ethion DDD	o,p' DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo-sulfan I	Endo-sulfan II	Endo-sulfan Sulfate
728.00.92 ND <15.0	<5.0 <20.0	<10.0	<10.0	<10.0	190.0	<10.0	<10.0	<15.0	NA	190.0	NA	<50.0	<5.0	NA	NA
801.11.05 ND <15.0	5.5 <20.0	<10.0	30.0	<10.0	160.0	<10.0	<10.0	<15.0	NA	190.0	NA	<50.0	<5.0	NA	NA
801.11.07 ND <15.0	11.0 <20.0	<10.0	29.0	<10.0	160.0	<10.0	<10.0	<15.0	NA	189.0	NA	<50.0	<5.0	<70.0	<85.0
801.11.09 ND <15.0	<5.0 <20.0	<10.0	11.0	<10.0	85.0	<10.0	<10.0	<15.0	NA	96.0	NA	<50.0	<5.0	NA	NA
801.11.89 ND <15.0	<5.0 <20.0	<10.0	11.0	<10.0	130.0	<10.0	<10.0	<15.0	NA	141.0	NA	<50.0	<5.0	<70.0	<85.0
801.11.96 ND <15.0	9.6 <20.0	<10.0	47.0	<10.0	740.0	22.0	38.0	35.0	NA	882.0	NA	<50.0	<5.0	NA	NA
801.11.96 ND <15.0	11.0 <20.0	<10.0	54.0	<10.0	800.0	24.0	52.0	37.0	NA	967.0	NA	<50.0	<5.0	NA	NA
801.11.99 ND <15.0	<5.0 <20.0	<10.0	12.0	<10.0	140.0	<10.0	<10.0	<15.0	NA	152.0	NA	<50.0	<5.0	<70.0	<85.0
902.11.01 ND <15.0	<5.0 <20.0	<10.0	17.0	<10.0	74.0	<10.0	<10.0	<15.0	NA	91.0	NA	<50.0	<5.0	NA	NA
906.40.01 ND <15.0	5.8 <20.0	<10.0	<10.0	<10.0	8.7	<10.0	<10.0	<15.0	NA	8.7	NA	<50.0	<5.0	<70.0	<85.0

Table 2
1997

Toxaphene Station Group Number A	alpha- Chemical HCH	beta- HCH	delta- HCH	gamma- HCH (Lindane)	Total HCH	Hepta- chlor chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene	Methoxy- chlor	Oxa- diazon	Ethyl Para- thion	Methyl Para- thion	PCB 1248	PCB 1254	PCB 1260	Total PCB
728.00.92	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
801.11.05	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	8.7	<10.0	<10.0	<50.0	89.7	<50.0	89.7
495.0	509.4															
801.11.07	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	76.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
121.0	132.0															
801.11.09	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	100.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
801.11.89	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	272.0	74.9	346.9
<100.0	ND															
801.11.96	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	42.0	<10.0	<10.0	<50.0	57.5	<50.0	57.5
405.0	440.9															
801.11.96	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	48.0	<10.0	<10.0	<50.0	67.6	<50.0	67.6
447.0	498.9															
801.11.99	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
902.11.01	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
<100.0	ND															
906.40.01	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	68.0	<10.0	<10.0	<50.0	74.2	<50.0	74.2
<100.0	22.3															

NA Means that the sample was not analyzed for the chemical.

ND Means that the chemical was not detected.

< Means that the chemical was not detected above the indicated limit of detection.

F = Filet.

W = Whole Body.

Species codes are listed in Table 3.

TABLE 2
Toxic Substances Monitoring Program
Preliminary Summary of 1997 Data: Organic Chemicals in Fish (ppb, wet weight)

mussels - Re
EDL 85 / EDL 9
mussels - Transf

Total Station Chlor- Chlor- Number dane	Chlor- pyrifos	Dacthal Station Name	Species Code	Tissue Type	Sample Date	Aldrin	alpha- Chlor- dene	cis- Chlor- dane	gamma- Chlor- dene	trans- Chlor- dane	cis- Nona- chlor	trans- Nona- chlor	Oxy- chlor- dane
906.40.01	16.2	Rose Cr/d/s Mission Bay Dr	GAM	W	06/23/97	<5.0	<5.0	15/3.0 6.4/13	<5.0	<5.0	0.3/0.7 2.1/3.7	11.0	0.2/0.4 5.2/10
907.11.03	ND	San Diego R/u/s Taylor St	BG	F	06/23/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
909.12.03	52.6	Sweetwater R/Interstate 805	LMB	W	06/22/97	<5.0	<5.0	5.8	<5.0	<5.0	10.0	31.0	5.8
910.20.05	ND	Otay R/Apache Service Pond	BG	F	06/22/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
911.11.04	ND	Tijuana R/Dairy Mart Rd	GAM	W	06/22/97	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0

Total Station Endo- Number sulfan	Dieldrin Endrin	o,p' Ethion DDD	p,p' DDD	o,p' DDE	p,p' DDE	o,p' DDT	p,p' DDT	p,p' DDMU	p,p' DDMS	Total DDT	Dicofol	Diazinon	Endo- sulfan I	Endo- sulfan II	Endo- sulfan Sulfate
906.40.01	5.8	<10.0	<10.0	<10.0	8.6	<10.0	<10.0	<15.0	NA	8.6	NA	<50.0	<5.0	<70.0	<85.0
907.11.03	ND	<15.0	<10.0	<10.0	<5.0	<10.0	<10.0	<15.0	NA	ND	NA	<50.0	<5.0	NA	NA
909.12.03	ND	<15.0	<10.0	<10.0	39.0	<10.0	<10.0	<15.0	NA	39.0	NA	<50.0	<5.0	NA	NA
910.20.05	ND	<15.0	<10.0	<10.0	50.0	<10.0	<10.0	<15.0	NA	50.0	NA	<50.0	<5.0	NA	NA
911.11.04	ND	<15.0	<10.0	<10.0	40.0	<10.0	<10.0	<15.0	NA	54.0	NA	<50.0	<5.0	<70.0	<85.0

Toxaphene Station Group Number A	alpha- Chemical HCH	beta- HCH	delta- HCH	gamma- HCH (Lindane)	Total HCH	Hepta- chlor	Hepta- chlor- epoxide	Hexa- chloro- benzene	Methoxy- chlor	Oxa- diazon	Ethyl Para- thion	Methyl Para- thion	PCB 1248	PCB 1254	PCB 1260	Total PCB
906.40.01	<2.0	<10.0	<5.0	<2.0	ND	<5.0	<5.0	<2.0	<15.0	67.0	<10.0	<10.0	<50.0	83.3	<50.0	83.
907.11.03	<100.0	<2.0	<10.0	<5.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
909.12.03	<100.0	<2.0	<10.0	<5.0	ND	<5.0	<5.0	<2.0	<15.0	11.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
910.20.05	<100.0	<2.0	<10.0	<5.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	<50.0	<50.0	<50.0	ND
911.11.04	<100.0	<2.0	<10.0	<5.0	ND	<5.0	<5.0	<2.0	<15.0	<5.0	<10.0	<10.0	55.1	61.7	<50.0	116.

TABLE 3
Toxic Substances Monitoring Program

1997 Freshwater Fish Code List *

Species Code	Common Name	Species Name	Family Name
BG	Blue gill	<i>Lepomis macrochirus</i>	Centrarchidae
BK	Brook Trout	<i>Salvelinus fontinalis</i>	Salmonidae
BN	Brown Trout	<i>Salmo trutta</i>	Salmonidae
CCF	Channel Catfish	<i>Ictalurus punctatus</i>	Ictaluridae
CP	Carp	<i>Cyprinus carpio</i>	Cyprinidae
FHM	Fathead Minnow	<i>Pimephales promelas</i>	Cyprinidae
GAM	Mosquitofish	<i>Gambusia affinis</i>	Poeciliidae
LMB	Largemouth Bass	<i>Micropterus salmoides</i>	Centrarchidae
PRS	Red Shiner	<i>Cyprinella lutrensis</i>	Cyprinidae
RBT	Rainbow Trout	<i>Oncorhynchus mykiss</i>	Salmonidae
RCH	California Roach	<i>Hesperoleucus symmetricus</i>	Cyprinidae
SCP	Sculpin	<i>Cottus sp.</i>	Cottidae
SKR	Sucker	<i>Catostomus sp.</i>	Catostomidae
SMB	Smallmouth Bass	<i>Micropterus dolomieu</i>	Centrarchidae
STB	Threespine Stickleback	<i>Gasterosteus aculeatus</i>	Gasterosteidae
TL	Tilapia	<i>Tilapia sp.</i>	Cichlidae

1997 Marine Fish Code List *

Species Code	Common Name	Species Name	Family Name
CM	Chub Mackerel	<i>Scomber japonicus</i>	Scombridae
DT	Diamond Turbot	<i>Hypsopsetta guttulata</i>	Pleuronectidae
GSS	Gray Smoothhound Shark	<i>Mustelus californicus</i>	Carcharhinidae
LJM	Longjaw Mudsucker	<i>Gillichthys mirabilis</i>	Gobiidae
ORC	Orangemouth Corvina	<i>Cynoscion xanthulus</i>	Sciaenidae

* Common and scientific fish names were obtained from Robins, C.R., R.M. Bailey, C.E. Bond, J.R. Brooker, E.A. Lachner, R.N. Lea, and W.B. Scott. 1991. Common and Scientific Names of Fishes from the United States and Canada. American Fisheries Society Special Publication 20, Bethesda, Maryland.

[illegible]

Sampling Date	Station Name	Station ID	Hydrologic Subarea	Station Location	Ammonia-N	Nitrate, as N	Nitrite-N	Total Kjeldahl Nitrogen	Orthophosphate-P	Total Phosphate as P (revised)	Total Phosphate as PO ₄	Total Dissolved Solids	Turbidity, NTU	Calcium	Sodium	Magnesium	Potassium	Chloride	Sulfate	Total Hardness	Ec, umhos	Antimony	Arsenic
			Detection Limit		0.14	0.20	0.01	0.1	0.02	5.0		10.0		0.10	0.25	0.15	0.56	1.0	40.0	1.0		0.005	0.0
6/9/98	RC-WGR	DFG-978-321		Rainbow Creek at Willow Glen Rd	<.14	11.47	0.02	0.44	0.95	0.77		810	0.30										
6/9/98	SMR-WGR	DFG-978-322		Santa Margarita at Willow Glen Rd (Stage Coach Ln).	<.14	3.76	0.02	0.47	0.11	0.62		913	0.46										
6/9/98	SMR-SCD	DFG-978-323		SMR at DeLuz/ Pico Rd near Sandia Ck	<.14	4.69	0.01	0.34	0.18	0.35		923	0.50										
6/9/98	SC-SCR	DFG-978-324		Sandia Ck at Sandia Ck Rd, 0.5 to 1 mile above confluence	<.14	5.83	0.01	0.17	0.24	0.30		817	1.80									ND	7.8
6/9/98	SMR-CP	DFG-978-325		Santa Margarita River below diversion weir on Camp Pendleton	<.14	2.71	0.01	0.34	0.23	0.41		667	3.77									ND	5.9
6/9/98	SMR-SMB	DFG-978-326		SMR at Stuart Mesa Rd bridge on Camp Pendleton	<.14	1.63	0.01	0.28	0.23	0.35		713	3.60									ND	2.3
6/10/98	BVR-ED	DFG-978-327		San Marcos Creek at Rancheros Drive	<.14	14.70	0.05	0.53	0.14	0.95		1372	0.49										
6/10/98	AHC-SA	DFG-978-328		Agua Hedionda Ck at Sycamore Ave	0.17	15.30	0.08	0.58	1.00	0.90		1144	1.10										
6/10/98	SMC-SP	DFG-978-329		Buena Vista Ck at Wildwood Park	0.23	3.40	0.09	0.62	0.12	0.75		1360	1.70										
6/10/98	AC-CCR	DFG-978-330		Aliso Ck along Country Club Rd	3.30	3.10	1.00	0.81	1.10	0.93		1712	4.10									ND	1.2
6/10/98	AC-PPD	DFG-978-331		Aliso Ck at Pacific Park Dr/ Oso Pkwy	0.18	1.00	0.03	0.56	0.15	0.81		1961	1.10										
6/10/98	AHC-ECR	DFG-978-332		Agua Hedionda Ck at El Camino Real	<.14	5.80	0.02	0.53	0.44	0.61		1716	0.55										
6/11/98	SLRR-395	DFG-978-333		San Luis Rey River at old Hwy 395 (Couser Canyon Rd)	<.14	4.20	0.03	0.42	0.75	0.99		970	3.73	These are									
6/29/98		LLP-978-405-BUV		Buena Vista Creek	<.14	1.20	0.02	0.64	0.83		7.1	1133	1.3	120	254	80.7	3.6	454	281	570	1965	ND	ND
6/29/98		LLP-978-405-AGH		Agua Hedionda Creek	<.14	4.50	0.03	0.76	0.25		4.2	1624	0.6	168	255	97.9	3.3	465	363	745	2300	ND	ND
6/29/98		LLP-978-405-ESC		Escondido Creek	<.14	3.60	0.01	0.76	0.25		4.6	1382	4.4	109	251	87.5	3.4	322	342	570	1969	ND	ND

[illegible]

			Detection Limit																					
Sampling Date	Station Name	Station ID	Hydrologic Subarea	Station Location	Beryllium	Cadmium	Chromium, Total	Chromium, Dissolved	Copper	Lead, Total	Lead, Dissolved	Mercury	Nickel	Selenium	Silver	Thallium	Zinc, Total	Zinc, Dissolved		Ceriodaphnia-survival	Ceriodaphnia-reproduction	Pimephales-survival	Pimephales-growth	
6/9/98	RC-WGR	DFG-978-321		Rainbow Creek at Willow Glen Rd																				
6/9/98	SMR-WGR	DFG-978-322		Santa Margarita at Willow Glen Rd (Stage Coach Ln).																				
6/9/98	SMR-SCD	DFG-978-323		SMR at DeLuz/ Pico Rd near Sandia Ck																				
6/9/98	SC-SCR	DFG-978-324		Sandia Ck at Sandia Ck Rd, 0.5 to 1 mile above confluence	ND	ND	17.0		20.0	1.7		ND	7.7	ND	ND	ND	26.2							
6/9/98	SMR-CP	DFG-978-325		Santa Margarita River below diversion weir on Camp Pendleton	ND	ND	5.7		4.0	6.7		ND	2.8	ND	ND	1.5	24.3							
6/9/98	SMR-SMB	DFG-978-326		SMR at Stuart Mesa Rd bridge on Camp Pendleton	ND	0.44	14.7		9.1	12.3		ND	5.5	ND	ND	ND	81.1							
6/10/98	BVR-ED	DFG-978-327		San Marcos Creek at Rancheros Drive																				
6/10/98	AHC-SA	DFG-978-328		Agua Hedionda Ck at Sycamore Ave																				
6/10/98	SMC-SP	DFG-978-329		Buena Vista Ck at Wildwood Park																				
6/10/98	AC-CCR	DFG-978-330		Aliso Ck along Country Club Rd	ND	ND	7.6		2.2	ND		ND	3.4	ND	ND	1.2	16.0							
6/10/98	AC-PPD	DFG-978-331		Aliso Ck at Pacific Park Dr/ Oso Pkwy																				
6/10/98	AHC-ECR	DFG-978-332		Agua Hedionda Ck at El Camino Real	are in units of milligrams per liter.																			
6/11/98	SLRR-395	DFG-978-333		San Luis Rey River at old Hwy 395 (Couser Canyon Rd)	are in units of milligrams per liter.																			
6/29/98		LLP-978-405-BUV		Buena Vista Creek	ND	ND	0.0	0.01	ND	ND	ND	ND	ND	ND	ND	ND	0.04	0.02	No Difference					
6/29/98		LLP-978-405-AGH		Agua Hedionda Creek	ND	ND	0.0	0.01	ND	ND	ND	ND	ND	ND	ND	ND	0.03	0.02	No Difference					
6/29/98		LLP-978-405-ESC		Escondido Creek	ND	ND	0.0	0.01	ND	ND	0.002	ND	ND	ND	ND	ND	0.06	0.04	No Difference					



A WATER QUALITY INVENTORY SERIES
BIOLOGICAL AND PHYSICAL/ HABITAT ASSESSMENT OF
CALIFORNIA WATER BODIES

San Diego Regional Water Quality Control Board:
1999 Biological Assessment Annual Report

Report in SD River Fibre

California Department of Fish and Game
Office of Spill Prevention and Response
Water Pollution Control Laboratory
2005 Nimbus Road
Rancho Cordova, CA: 95670
(916) 358-2858; jharring@ospr.dfg.ca.gov

PROGRAM MANAGER
James M. Harrington

PROJECT LEADERS
Peter Ode, Angie Montalvo

LABORATORY AND FIELD TECHNICIANS
Doug Post, Christopher Sheehy, Mike Dawson

From: "breznik" <breznik@sdbaykeeper.org>
To: "Kyle Olewnik" <olewk@rb9.swrcb.ca.gov>
Date: 7/3/01 8:46AM
Subject: RE: 303 d listing

Kyle - attached is avrything I have in my files from Ray. I believe he made presentations to the RB that included these (and possibly other) photos, but I may be wrong. I have cc'd him here in case he has any additional information to add.

br

-----Original Message-----

From: Kyle Olewnik [mailto:olewk@rb9.swrcb.ca.gov]
Sent: Monday, July 02, 2001 1:44 PM
To: breznik@sdbaykeeper.org
Subject: 303 d listing

Bruce,

I was reviewing your letter to our Board dated May 15, 2001 on the subject of CWA Section 303(d) listing. On the last page of the letter, you reference letters submitted to us by Ray Ymzon on the 401 cert. of SR 125 toll road. I have located the letters we have from him, one from December 2000 and one from April 2001. I reviewed both letters, and neither provided photos or info on specific pollution problems for Otay or Sweetwater Rivers.

I am interested in finding the letters and/or photos that you are referencing. If you could provide me with more detail, I would appreciate it.

Thank you,

Kyle Elizabeth Olewnik
Water Resources Control Engineer
San Diego Regional Water Quality Control Board
olewk@rb9.swrcb.ca.gov
858-627-3933
858-571-6972 (fax)

CC: "Ray Ymzon" <ymzon@home.com>

From: ray ymzon [ymzon@home.com]
Sent: Sunday, April 29, 2001 1:11 PM
To: breznik@sdbaykeeper.org
Subject: Re: RWQCB 401 Certification of tollway

Here are a few of the correspondences generated on the subject. The photos represent different events. The first ones were before the rain. The numbers can be broken down by the date in year(01 for 2001), month, April (04) and day 03 before the rain, and 21 April following the rain. (the last 2) The water in the shopping cart scene was absolutely dead of animal life form even though it was clear. The last two following the rain, was brown run-off which obviously pushed the dead water into the bay via Sweetwater River. It was a total shock to me and many present last Monday, April 23, when the RWQCB granted 401 certification to CalTrans after viewing 8 of the worst possible examples of BMPs by CT on storm drains they just completed. You are seeing just a few of the photos I have taken. If you want more, let me know. I may not remember which ones I already sent you. Give me your opinion and how important this information is to you and your organization. I may forward you some of our correspondence on this matter, reflecting our dismay.

ray

----- Original Message -----

From: [breznik](#)
To: [ray ymzon](#)
Sent: Sunday, April 29, 2001 11:14 AM
Subject: RE: RWQCB 401 Certification of tollway

Yes, I would love that information. You can email me photos and testimony at this account (I assume in .jpg?).

Bruce

-----Original Message-----

From: ray ymzon [<mailto:ymzon@home.com>]
Sent: Saturday, April 28, 2001 3:21 PM
To: [breznik@sdbaykeeper.org](#)
Subject: RWQCB 401 Certification of tollway

I would like to know if you would like to have a few photos of the kind of storm drain conditions that flows into our bay from the Spring Valley outfall that feeds into Sweetwater River. I have a few of these which I can try to mail or email to you for your records, as well as letters on the subject and oral testimony given April 23 2001, where the RWQCB granted 401 water quality certification for the project.

ray

April 19, 2001

Mr. Paul Michel
USEPA, Region 9
75 Hawthorne
San Francisco, CA 94105-3901

RE: Construction of SR-125 South Tollway PN # 952024200-TCD

Encl: a. Letter to RWQCB dtd April 11, 2001
b. Spring Valley, CA outfall photos (4) taken April 3, 2001
c. Draft Final Report SMR by Chula Vista dtd Aug. 10, 1998

Dear Mr. Michel:

I wish to express my deep concern about the impending catastrophe that shall befall my family, friends, neighbors, community and myself in the event subject tollway is built. Most of these were expressed in Encl: a. Additional concerns include but are not limited to the following:

1. CalTrans have been liberal in issuing verbal assurances about the BMP that shall be applied throughout the length of the tollway, implying that earlier mistakes further north shall not be repeated here. Yet, Encl. b. (4 of 9 I have taken) indicates we may be in for a far worse fate. Please note the slick, debris and absolute stillness of the water surface that lacks any form of animal life. What would the core sample test like under this surface?
2. Pristine Otay River watershed shall join the ranks of impaired watersheds in the region. The likes of Encl: b. shall become part of the landscape.
3. Sweetwater river watershed shall become seriously impaired, from development sprawl and from the storm drain in Encl. b., which runs into Sweetwater River. The Sweetwater Reservoir shall be subject to pollution from the highway. CalTrans in earlier testimony declared that there will be little or no impact on the reservoir from the nearby tollway, yet, it would not commit to fund the additional costs of purifying the water in the event it was proven wrong (as it has been in the past).
4. CalTrans along with SANDAG and Chula Vista, mislead the region by repeatedly stating that the tollway was meant to relieve congestion, when in fact it was meant to open tracts for development, Encl: c. Consequently, all prepared EIRs were limited to the footprint of the tollway, rather than the intended end result. During the recent RWQCB 401 permit application, CalTrans specifically applied for a permit for 4-lane highway, not the 8 to 10 lanes it has mentioned in the past many years.
5. This Highway shall wipe out of existence a treasure trove of pristine habitats and several endangered and protected species. The varieties, uniqueness and richness of this ecosystem has no equivalent anywhere else in this continent.

Please help reverse the environmental deterioration of our region. Please help conserve the remaining natural treasures, environment and habitats that are of no concern to other government agencies. We depend on agencies like yours to recognize and discourage destructive developments and projects.

Yours truly,

Ray Ymzon
5732 Sweetwater Rd.
Bonita, CA 91902

Board Member, Sweetwater Valley Civic Association P.O.Box 232, Bonita CA 91908
Board Member, Preserve South Bay P.O. Box 1271, Bonita, CA 91908

Cc: list

April 4, 2001

(Edited copy 4/4/01. Changes underlined.)

Mr. John Robertus

Regional Water Quality Control Board, San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124-1324

Subject: April 11, 2001 Board Meeting Re: Federal Water Pollution Control Act Section
401 Water Quality Certification of CalTrans Project State Route 125 South Toll Road.

Dear Mr. Robertus:

The Sweetwater Valley Civic Association urges you to deny 401 Water Quality
Certification For State Route 125 (SR-125) South Toll Road for the following reasons:

1. Run-off from the ten-lane tollway's impervious surfaces will increase the total storm drains coursing through Bonita. Storm drains from nearby Chula Vista developments runs all year round through Bonita. These run-offs will exacerbate our flooding, siltation and erosion problems that occur every time there is any amount of measurable rainfall.
2. CalTrans' (C/T) concrete lining of the storm drains in Spring Valley has drastically changed the nature of water entering Sweetwater River. It has altered the flood plain down stream. C/T's Best Management Practice (BMP) for this watercourse is suspect.
3. Before the first spade of dirt is moved for the project, C/T must compile and submit a comprehensive database of the state of the water quality in the watersheds to the RWQCB. This will establish the base for measuring future water quality changes.
4. Installation of necessary water quality sensors, rain gages and stream gages should be in place to monitor runoff that shall follow as more ground becomes impervious to water from the highways and surrounding developments. Funding sources for the maintenance, repairs and additional installations should be defined, adequate and perpetual in nature.
5. This tollway and resulting developments shall add to the degradation of the affected watersheds and problems to the water quality problems in the region. C/T, armed with the technology, expertise and State mandates should be one of the lead agencies in formulating the BMP to insure no further degradation occurs should the project proceed.
6. Non-existent water quality education program for development owners and tenants.

Granting certification without the essential data and commitments at this time shall be the same as buying a used car, unseen, from a used car dealer.

Yours truly,

Ray Ymzon, Board Member
Sweetwater Valley Civic Association
P.O. Box 232, Bonita, CA 91908

cc: List

From: "breznik" <breznik@sdbaykeeper.org>
To: "Kyle Olewnik" <olewk@rb9.swrcb.ca.gov>
Date: 7/3/01 8:46AM
Subject: RE: 303 d listing

Kyle - attached is avrything I have in my files from Ray. I believe he made presentations to the RB that included these (and possibly other) photos, but I may be wrong. I have cc'd him here in case he has any additional information to add.

br

-----Original Message-----

From: Kyle Olewnik [mailto:olewk@rb9.swrcb.ca.gov]
Sent: Monday, July 02, 2001 1:44 PM
To: breznik@sdbaykeeper.org
Subject: 303 d listing

Bruce,

I was reviewing your letter to our Board dated May 15, 2001 on the subject of CWA Section 303(d) listing. On the last page of the letter, you reference letters submitted to us by Ray Ymzon on the 401 cert. of SR 125 toll road. I have located the letters we have from him, one from December 2000 and one from April 2001. I reviewed both letters, and neither provided photos or info on specific pollution problems for Otay or Sweetwater Rivers.

I am interested in finding the letters and/or photos that you are referencing. If you could provide me with more detail, I would appreciate it.

Thank you,

Kyle Elizabeth Olewnik
Water Resources Control Engineer
San Diego Regional Water Quality Control Board
olewk@rb9.swrcb.ca.gov
858-627-3933
858-571-6972 (fax)

CC: "Ray Ymzon" <ymzon@home.com>

*Photos in
303(d) cabinet
&
Printed out in
Sweetwater
River*

From: Kyle Olewnik
To: Smith, James
Date: 7/3/01 1:33PM
Subject: Fwd: RE: 303 d listing

Jimmy,

Here is info from bruce Reznik at Baykeeper. He forwarded photos he referenced for Otay River and Sweetwater River. We had copies of a couple of the letters that are attached, but the letters themselves aren't very helpful.

Kyle

*Copy to [unclear]
Carpenter [unclear]
file included in agenda
item #8 for April 11, 2001*

Mr. John Robertus
Regional Water Quality Control Board, San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124-1324

Subject: April 11, 2001 Board Meeting Re: Federal Water Pollution Control Act Section 409 Water Quality Certification of CalTrans Project State Route 125 South Toll Road.

Dear Mr. Robertus:

I request that you deny 401 Water Quality Certification of CalTrans Project State Route 125 South Toll Road for the following reasons:

1. Watershed protection was never offered by CalTrans (C/T), yet this is what is needed to protect the pristine sections of the three watersheds that shall be traversed by SR 125 South. The resulting developments that shall follow will ruin these watersheds.
2. C/T during the December 13, 2000 board meeting failed to openly disclose that this is a 10-lane wide tollway, not the 4-lane highway it presented. Such minimization is a misrepresentation and opens to question, the entire C/T presentation.
3. C/T during the same meeting, contradicted itself when it declared that studies indicated that the proximity of the highway shall have little or no impact on the water quality of the reservoir, yet, refused to commit itself to fund the costs should such findings prove to be incorrect.
4. Just as there are alternatives to concrete-lined flood channels, there are likewise, alternatives to concrete and asphalt highways for transporting people that are less harmful to the watersheds. These alternatives have not been explored.
5. This region is far from being in compliance with the regional water quality standards. Projects of this magnitude should be indefinitely postponed or disapproved until then.

Granting certification shall be the same as following the path of failed policies that has exposed our region to impending or current crises in energy, water, sewer, gasoline and congestion. All of these are adversely impacting our quality of life.

Undoubtedly, you are under severe pressure from political leaders, developers and other vested interests. They all want you to deviate from your mandate. However, we the people support and urge you to continue to improve water quality in our region.

Yours truly,


Ray Yrzon
5732 Sweetwater Rd. Bonita, CA 91902

cc: List

95-1-1-2-847 1007

95-1-1-2-847 1007

Re: Resubmission of December 13, 2000 letter

Mr. John Robertus
Regional Water Quality Control Board
San Diego Region
9771 Clairemont Mesa Blvd., Suite A
San Diego, CA 92124-1324

2001 APR -4 P 1:41

SAN DIEGO REGIONAL
WATER QUALITY
CONTROL BOARD

Subject: Federal Pollution Act Section 401 Water Quality Certification of Caltrans
project State Route 125 South Toll Road.

Enclosure 1. Sec. 4 of San Miguel Ranch SPA Transportation Study Report

Dear Mr. Robertus:

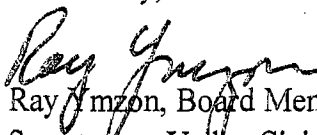
Sweetwater Valley Civic Association recommends denial of 401 Water Quality
Certification for State Route 125 (SR 125) South Toll Road for the following reasons:

- Granting such certification would be the same as granting a license to pollute the Sweetwater reservoir and the ground water in our community.
- The SR-125 South, shall divide the community and thus its identity.
- Certification of subject project would be an automatic certification of the growth planned by various government agencies and developers, as evidenced by such disclosure on page 2 of enclosure.
- Subject certification should be withheld until those agencies behind this project and those who shall benefit from it, can rectify past and present practices that have seriously impacted the regional water quality.
- Caltrans have altered floodways in portions of SR-125 in Spring Valley, from natural to concrete lined drastically changing the nature of the floodplain downstream, as well as the nature of pollution it will transport.
- Chula Vista post development run-off is an annual event of siltation and erosion in Bonita following any measurable rainfall. It is safe to assume that this is not the only the place where such water quality mismanagement exists.
- The thousands of residential units, commercial and industrial complexes and supporting surface streets would add to the degradation of ground water quality in the still pristine areas, while many existing ones, goes unresolved.

Regional water quality cannot be entrusted to those agencies that have yet to prove responsibility and accountability. A proven track record is a requisite for certification.

Thanks for your consideration.

Yours truly,



Ray Imzon, Board Member

Sweetwater Valley Civic Association
P. O. Box 232, Bonita, CA 91908

