

TABLE 1
SUMMARY OF ANALYTICAL RESULTS
SURFACE WATER SAMPLING
NEWPORT BANNING RANCH
ORANGE COUNTY, CALIFORNIA
(February 2003)

Constituent	Sample by RWQCB 21 Jan 1999				Sampled by WNOB 14 Feb 2003			
	WS1	WS2	WS3	WS4	WS1	WS2	WS3	WS4
General Chemistry (ppm except where noted)								
Alkalinity Total as (CaCo ₃)	150	130	40	130	28	28	26	82
Hardness, total	7010	169	61	6490	38	34	26	170
Spec. Cond. (umhos/cm)	64500	777	207	65500	210	150	96	15
TPH Diesel	0.190	0.56	0.82	0.36	<1	<1	<1	<1
pH (stnd units)	8.23	8.1	6.73	8.42	6.38	6.44	6.35	7.57
Metals – Total (ppm)								
Antimony	N/D	N/D	N/D	N/D	<0.015	<0.015	<0.015	<0.015
Arsenic	0.081	0.084	N/D	0.084	<0.015	<0.015	<0.015	<0.015
Barium	N/D	0.120	N/D	N/D	0.0315	0.0295	0.0247	0.0969
Beryllium	N/D	N/D	N/D	N/D	<0.001	<0.001	<0.001	<0.001
Cadmium	N/D	N/D	N/D	N/D	<0.005	<0.005	<0.005	<0.005
Chromium	N/D	N/D	N/D	N/D	<0.005	<0.005	<0.005	0.0138
Cobalt	N/D	N/D	N/D	N/D	<0.005	<0.005	<0.005	0.00631
Copper	N/D	N/D	N/D	N/D	0.0204	0.0268	0.0296	0.0241
Lead	N/D	N/D	N/D	N/D	<0.01	<0.01	<0.01	0.0101
Mercury	N/D	N/D	N/D	N/D	<0.0005	<0.0005	<0.0005	<0.0005
Molybdenum	N/D	N/D	N/D	N/D	<0.005	<0.005	<0.005	<0.005
Nickel	N/D	N/D	N/D	N/D	<0.005	<0.005	<0.005	0.0115
Selenium	N/D	N/D	N/D	N/D	<0.015	<0.015	<0.015	<0.015
Silver	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Thallium	N/D	N/D	N/D	N/D	<0.015	<0.015	<0.015	<0.015
Vanadium	N/D	N/D	N/D	N/D	0.00688	0.00604	0.00506	0.0290
Zinc	N/D	N/D	N/D	N/D	0.0356	0.0470	0.0627	0.0620

TABLE 1 (continued)
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ORANGE COUNTY, CALIFORNIA
(February 2003)

Constituent	Sample by RWQCB 21 Jan 1999				Sampled by WNOG 14 Feb 2003			
	WS1	WS2	WS3	WS4	WS1	WS2	WS3	WS4
Metals – Field Filtered (ppm)								
Antimony	N/A	N/A	N/A	N/A	<0.015	<0.015	<0.015	<0.015
Arsenic	N/A	N/A	N/A	N/A	<0.015	<0.015	<0.015	<0.015
Barium	N/A	N/A	N/A	N/A	0.0163	0.0170	0.0141	0.0417
Beryllium	N/A	N/A	N/A	N/A	<0.001	<0.001	<0.001	<0.001
Cadmium	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Chromium	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Cobalt	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Copper	N/A	N/A	N/A	N/A	0.00823	0.00921	0.00945	0.00647
Lead	N/A	N/A	N/A	N/A	<0.01	<0.01	<0.01	<0.01
Mercury	N/A	N/A	N/A	N/A	<0.0005	<0.0005	<0.0005	<0.0005
Molybdenum	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Nickel	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Selenium	N/A	N/A	N/A	N/A	<0.015	<0.015	<0.015	<0.015
Silver	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	<0.005
Thallium	N/A	N/A	N/A	N/A	<0.015	<0.015	<0.015	<0.015
Vanadium	N/A	N/A	N/A	N/A	<0.005	<0.005	<0.005	0.00905
Zinc	N/A	N/A	N/A	N/A	0.0140	0.0131	0.0296	0.014

Notes: N/D Not Detected above laboratory reporting limit

N/A Not Analyzed

ppm Parts per million

Laboratory report includes quality control samples including an equipment blank and WS-5, which is a duplicate of WS-1.

Equipment blank results showed non-detectable concentrations for each analyte.

Data for Regional Water Quality Control Board (RWQCB) testing excerpted from Clean-up and Abatement Order No. 01-77.