Previous

Table 6-2: SUMMARY OF HERBICIDE ANALYSES
MCAS El Toro Groundwater Monitoring Program

Station ID	Base Screen Depth (Ft BGS)	Sample Date	ANALYSIS SUMMARY		HERBICIDE COMPOUNDS DETECTED			REGULATORY	
			Number Compounds Analyzed	Number Compounds Detected	Compound Detected	Concent. ug/L	Qual. Flag	Standard ug/L	Code
17_DGMW82	255	8-Feb-93	10	0					
		3-Jun-93	10	0					
		3-Jun-93	10	0					
		6-Dec-95	8	0					
		9-Feb-96	8	0					
		20-Nov-96	8	0					
		1-Apr-97	8	0					
17_NEW1	226	12-Jan-96	8	0					
		20-Nov-96	8	0					
		24-Mar-97	8	0					
17_NEW2	123	3-Jan-96	8	0					
		20-Nov-96	8	0					
		24-Mar-97	8	0					
18_BGMP08A	449	17-Oct-92	10	0					
		11-Jun-93	10	0					
18_BGMP08B	307	15-Oct-92	10	0					
		10-Jun-93	10	0					
		16-Jan-96	8	0					
18_BGMP08C	136	13-Oct-92	10	1	MCPP	288.00			NA
		15-Oct-92	10	0					
		14-Jun-93	10	0					
		15-Jun-93	10	0					
		7-Nov-96	8	0					
18_BGMP08D	71	12-Oct-92	10	0					
		10-Jun-93	10	0					
		10-Jun-93	10	0					
18_BGMP09A	463	23-Oct-92	10	0					
		22-Jun-93	10	0					
18_BGMP09B	385	23-Oct-92	10	0					
		21-Jun-93	10	0					
18_BGMP09C	268	22-Oct-92	10	0					
		18-Jun-93	10	0					
18_BGMP09D	232	21-Oct-92	10	0					
		17-Jun-93	10	0					
18_BGMP09E	143	20-Oct-92	10	1	DALAPON	1.75			NA
		20-Oct-92	10	0					
		23-Jun-93	10	0					
		24-Jun-93	10	0					
18_BGMP09F	69	19-Oct-92	10	0					
		16-Jun-93	10	0					
18_BGMP10A	1011	20-Jan-93	10	0					
18_BGMP10B	896	25-Jan-93	10	0					
		25-Jan-93	10	0					

Table 6-2: SUMMARY OF HERBICIDE ANALYSES
MCAS El Toro Groundwater Monitoring Program

Station ID	Base Screen Depth (Ft BGS)	Sample Date	ANALYSIS SUMMARY		HERBICIDE COMPOUNDS DETECTED			REGULATORY	
			Number Compounds Analyzed	Number Compounds Detected	Compound Detected	Concent. ug/L	Qual. Flag	Standard ug/L	Code
18_BGMP10C	762	23-Jan-93	10	0					
18_BGMP10D	573	22-Jan-93	10	0					
18_BGMP10E	449	21-Jan-93	10	0					
18_BGMP10F	228	20-Jan-93	10	0					
18_BGMW01A	486	11-Dec-92	10	0					
		1-Jul-93	10	0					
		1-Jul-93	10	0					
		1-Jul-93	10	0					
		1-Jul-93	10	0					
18_BGMW01B	416	14-Dec-92	10	0					
		22-Jun-93	10	0					
18_BGMW01C	350	16-Dec-92	10	0					
		24-Jun-93	10	0					
18_BGMW01E	225	18-Jun-93	10	0					
18_BGMW02A	482	21-Dec-92	10	0					
		8-Jun-93	10	1	DICHLOROPROP	10.00			NA
		19-Jan-96	8	0					
		19-Nov-96	8	0					
		13-Mar-97	8	0					
18_BGMW02C	378	22-Dec-92	10	0					
		22-Dec-92	10	0					
		9-Jun-93	10	0					
18_BGMW02D	314	18-Dec-92	10	0					
		15-Jun-93	10	0					
		15-Jun-93	10	0					
18_BGMW02E	233	21-Sep-92	10	0					
		15-Jun-93	10	0					
18_BGMW03A	390	29-Oct-92	10	0					
		14-Jul-93	10	0					
18_BGMW03B	300	28-Oct-92	10	0					
		28-Nov-92	10	0					
		14-Jul-93	10	0					
		14-Jul-93	10	0					
18_BGMW03C	242	17-Dec-92	10	0					
		15-Jul-93	10	0					
18_BGMW03E	164	17-Dec-92	10	0					
		17-Dec-92	10	0					
		15-Jul-93	10	0					
18_BGMW04A	306	30-Sep-92	10	0					
		16-Jul-93	10	0					

Table 6-2: SUMMARY OF HERBICIDE ANALYSES
MCAS El Toro Groundwater Monitoring Program

Station ID	Base Screen Depth (Ft BGS)	Sample Date	ANALYSIS SUMMARY		HERBICIDE COMPOUNDS DETECTED			REGULATORY	
			Number Compounds Analyzed	Number Compounds Detected	Compound Detected	Concent. ug/L	Qual. Flag	Standard ug/L	Code
18_BGMW04B	210	29-Sep-92	10	0					
		13-Jul-93	10	0					
		13-Jul-93	10	0					
18_BGMW05A	482	15-Dec-92	10	0					
		8-Jul-93	10	0					
		8-Jul-93	10	0					
18_BGMW05B	341	11-Nov-92	10	0					
		8-Jul-93	10	0					
18_BGMW05C	245	10-Nov-92	10	0					
		10-Nov-92	10	0					
		10-Nov-92	10	0					
		10-Nov-92	10	0					
		9-Jul-93	10	0					
18_BGMW05D	133	3-Nov-92	10	1	DICHLOROPROP	1.01			NA
		12-Jul-93	10	0					
18_BGMW101	130	13-Nov-92	10	1	DICHLOROPROP	0.67			NA
		19-Jul-93	10	0					
18_BGMW14	115	20-Oct-92	10	0					
		19-Oct-93	10	0					
18_BGMW15	215	9-Jul-93	10	0					
18_BGMW16	263	23-Oct-92	10	1	DINOSEB	0.42		7.00	1
		23-Oct-92	10	0					
		19-Jul-93	10	0					
		14-Nov-96	8	0					
		26-Mar-97	8	0					
18_BGMW17	255	12-Jul-93	10	0					
18_BGMW18	180	16-Jul-93	10	0					
18_BGMW19A	468	22-Dec-92	10	0					
		9-Jun-93	10	0					
18_BGMW19B	420	17-Dec-92	10	0					
		11-Jun-93	10	0					
18_BGMW19C	277	24-Sep-92	10	0					
		24-Sep-92	10	0					
		28-Jun-93	10	0					
18_BGMW19D	170	14-Jun-93	10	0					
18_BGMW19E	138	14-Jun-93	10	0					
		14-Jun-93	10	0					
18_BGMW22	287	9-Dec-92	10	0					
		28-Jun-93	10	0					
18_BGMW23	104	22-Jun-93	10	0					

Table 6-2: SUMMARY OF HERBICIDE ANALYSES
MCAS El Toro Groundwater Monitoring Program

Station ID	Base Screen Depth (Ft BGS)	Sample Date	ANALYSIS SUMMARY		HERBICIDE COMPOUNDS DETECTED			REGULATORY	
			Number Compounds Analyzed	Number Compounds Detected	Compound Detected	Concent. ug/L	Qual. Flag	Standard ug/L	Code
18_BGMW24	71	9-Jul-93	10	0					
18_DW135	135	22-Dec-92	10	0					
		22-Dec-92	10	0					
18_DW250	250	21-Dec-92	10	0					
		6-Jul-93	10	0					
18_DW350	350	11-Jan-93	10	0					
		15-Jun-93	10	0					
18_DW450	450	12-Jan-93	10	0					
		30-Jun-93	10	0					
18_DW540	540	13-Jan-93	10	0					
		1-Jul-93	10	0					
18_PS1	122	2-Jul-93	10	0					
18_PS2	133	15-Dec-92	10	0					
		12-Jul-93	10	0					
18_PS3	122	10-Dec-92	10	0					
		7-Jun-93	10	0					
18_PS4	118	11-Dec-92	10	0					
		7-Jun-93	10	0					
18_PS5	126	16-Dec-92	10	0					
		8-Jun-93	10	0					
18_PS6	150	15-Dec-92	10	0					
		15-Dec-92	10	0					
18_PS7	126	16-Dec-92	10	0					
		2-Jul-93	10	0					
18_PS8	145	14-Dec-92	10	0					
		6-Jul-93	10	0					
18_RW1	470	14-Dec-92	10	0					
		15-Dec-92	10	1	2,4,5-TRICHLOROPHENOXYACETIC ACID	11.40			NA
		8-Jul-93	10	0					
		23-Jan-96	8	0					
		8-Nov-96	8	0					
		17-Mar-97	8	0					
		17-Mar-97	8	0					
18_RW2	310	22-Dec-92	10	0					
		13-Jul-93	10	0					
18_RW3	390	4-Jun-93	10	0					
18_RW4	85	7-Jun-93	10	0					

Table 6-2: SUMMARY OF HERBICIDE ANALYSES
MCAS El Toro Groundwater Monitoring Program

Station ID	Base Screen Depth (Ft BGS)	Sample Date	ANALYSIS SUMMARY		HERBICIDE COMPOUNDS DETECTED			REGULATORY	
			Number Compounds Analyzed	Number Compounds Detected	Compound Detected	Concent. ug/L	Qual. Flag	Standard ug/L	Code
21_DBMW56	132	18-Nov-92	10	0					
		18-Nov-92	10	0					
		24-Jun-93	10	0					
21_DGMW90	135	18-Dec-92	10	0					
		10-Jun-93	10	0					
21_UGMW37	130	7-Jul-93	10	0					

EXPLANATION

1) The 1996 and 1997 sample results listed in this table are as reported in the APCL laboratory analytical reports (Appendix E, Goundwater Monitoring Reports).

2) Regulatory Standard Codes: 1 = Federal maximum contaminant level (MCL), 2 = State MCL, NA = not applicable or established

3) Data Qualification Flags: J = estimated value

4) = Result exceeds regulatory standard

7.0 METALS ANALYSES

During the July 1997 sampling round, groundwater samples were collected from 25 selected monitoring wells/monitoring ports in the MCAS El Toro GWMP and analyzed for metals using CLP methods. The metals analyses tested for 23 metals on the CLP Target Analyte List (TAL). Table 7-1 lists the analytical results from the current sampling round as well as metals results from the sampling rounds conducted during 1992 through March 1997.

7.1 CLP METALS

The CLP metals analyses include data for the general minerals calcium, magnesium, potassium, and sodium, and 19 trace metals. During Round 6 sampling, elevated levels of iron, manganese, and nickel were detected in groundwater samples collected at several monitoring wells. Iron was detected in 28 of the well samples analyzed at levels ranging from 3 μg/L to a maximum of 242 μg/L (Well 03 DGM65X). The maximum detected concentration of manganese was found in a sample from Well 03 DGMW65X (111 μg/L). The highest concentrations of nickel reported during this sampling round were from wells 03 DGMW65X (1,160 μg/L), and 01 MW102 (843 μg/L).

7.2 HEXAVALENT CHROMIUM

In addition to CLP metals analysis, groundwater samples collected during Round 4 (November-December 1996) and Round 5 (March 1997) were analyzed for hexavalent chromium (chromium VI). Per Navy's SOW, no analyses for hexavalent chromium were performed during Round 6. Table 7-2 presents the hexavalent chromium and total chromium analytical results for wells sampled during Round 4 (CDM Federal, 1997a) and Round 5 (CDM Federal, 1997b).

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Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
01_DGMW57	83	10-Dec-92	F	31.0 U	12.1 U	0.7 B	18.2 B	94,600	3.7 U	1.4 B	2.3 U	0.6 U	37,800	74.7	12.6 B	4,860 B	7.7	2.1 U	99,600	4.3 B	3.8 B
		14-Jun-93	F	19.2 B	12.0 B	1.7 B	12.1 BE	74,400	2.9 U	2.7 B	14.6 B	0.4 U	30,600	44.4	8.1 B	3,650 B	32.5 B	1.2 U	83,200	4.1 B	5.5 B
		7-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	68,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	37.0	40.0 U	2,530 J	9.0	10.0 U	60,000	50 U	20.0 U
		7-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	68,000	10.0 U	25.0 U	100.0 U	3.0 U	28,000	62.0	40.0 U	2,580 J	7.0	10.0 U	62,000	50 U	20.0 U
		8-Apr-96	F	55.9			12.3	70,400	1.2	2.9			29,600	44.7	35.4	3,360 J	12.8		75,400	4.7	8.6
		20-Nov-96	* F	12.2 B	60.0 U	10.0 U	11.5 B	62,800	10.0 U	3.3 B	100.0 U	1.1 B	26,500	5.4 B	64.7	2,870 B	5.0 U	10.0 U	63,700	3.1 B	5.9 B
		25-Mar-97	* F	200.0 U	60.0 U	10.0 U	10.9 B	67,400	10.0 U	3.8 B	100.0 U	5.0 U	28,000	5.8 B	55.9	3,160 B	6.2	10.0 U	63,400	3.3 B	4.3 B
01_DGMW58	77	14-Dec-92	F	31.0 U	12.1 U	1.4 B	16.8 B	87,000	3.7 U	1.0 B	17.2 B	0.6 U	13,200	45.4	110.0	2,040 B	2.7 B	2.3 B	36,400	9.1 B	2.4 B
		14-Jun-93	F	10.2 B	9.0 U	2.6 B	23.3 BE	90,300	2.9 U	0.7 U	13.2 B	0.4 U	12,100	2.4 B	91.8	1,150 B	6.9	1.2 U	44,100	11.1 B	2.8 B
		14-Jun-93	F	13.2 B	9.0 U	2.1 B	22.7 BE	89,400	2.9 U	0.7 U	8.2 U	0.4 U	12,000	2.2 B	96.9	1,200 B	8.2 S	1.2 U	43,800	11.9 B	2.2 B
		28-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	81,000	13.0	25.0 U	184.0	3.0	11,000	18.0	110.0	1,750 J	5.0 U	10.0 U	36,000	50 U	24.0
		28-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	82,000	11.0	25.0 U	340.0	4.0	13,000	51.0	110.0	1,750 J	5.0 U	10.0 U	36,000	50 U	31.0
		5-Apr-96	F	34.5 U			23.1	78,900	1.7	2.0			11,000	1.2	98.5	1,150 J	3.9		40,900	12.1	7.2
		18-Nov-96	F	200.0 U	60.0 U	10.0 U	25.2 B	83,900	10.0 U	25.0 U	100.0 U	5.0 U	11,300	15.0 U	89.4	1,070 B	5.0 U	10.0 U	36,400	10.6 B	6.9 B
		13-Mar-97	F	200.0 U	60.0 U	10.0 U	22.1 B	87,300	10.0 U	3.6 B	23.8 B	1.6 B	11,500	1.6 B	157.0	968 B	5.1	10.0 U	30,400	7.9 B	6.1 B
01_MW101	148	2-Apr-96	F	57.7 U			7.6	55,500	2.1	2.0 U			16,000	86.1	22.3	7,630 J	3.4 U		87,800	4.9	6.6
		20-Nov-96	F	53.3 B	60.0 U	10.0 U	25.5 B	42,300	10.0 U	1.8 B	100.0 U	0.9 B	13,200	16.2	12.1 B	8,940	5.0 U	10.0 U	66,700	2.9 B	9.1 B
		13-Mar-97	F	14.0 B	60.0 U	10.0 U	10.3 B	42,700	10.0 U	8.8 B	13.3 B	1.4 B	11,500	11.0 B	24.2 B	8,530	3.0 B	10.0 U	58,100	50 U	9.3 B
		11-Jul-97	F	15.9 B	2.3 B	1.4 U	12.3 B	38,900	2.5 B	3.4 B	19.7 B	0.8 U	9,930	15.3	60.8	5,660	2.0 U	0.7 U	56,000	2.2 B	18.8 B
		11-Jul-97	F	27.3 B	1.3 U	1.4 U	11.2 B	37,000	1.6 B	3.3 B	7.4 B	0.8 U	9,380	13.4 B	58.3	5,350	3.9 B	0.7 U	52,400	2.2 B	10.8 B
01_MW102	135	2-Apr-96	F	34.9 U			29.1	129,000	530.0	3.9 U			19,800	158.0	852.0	9,760 J	3.4 U		170,000	7.7	55.5
		20-Nov-96	F	94.6 B	60.0 U	2.9 B	9.2 B	102,000	70.9	12.6 B	2350.0	5.0 U	8,100	35.9	227.0	4,400 B	5.0 U	10.0 U	82,300	4.6 B	15.5 B
		13-Mar-97	F	200.0 U	60.0 U	10.0 U	7.1 B	113,000	10.0 U	2.6 B	17.2 B	5.0 U	6,740	64.3	445.0	3,740 B	4.2 B	10.0 U	74,600	2.1 B	8.2 B
		9-Jul-97	F	35.9 B	1.7 B	1.4 U	8.8 B	107,000	3.5 B	26.0	66.5 B	0.8 U	6,150	61.4	843.0	3,400 B	2.0 U	0.7 U	77,400	3 B	194.0
01_MW201	57	8-Apr-96	F	34.5 U			8.3	104,000	24.2	5.2			16,600	19.4	44.4	9,680 J	3.4 U		121,000	4.0	6.3 U
		18-Nov-96	F	200.0 U	60.0 U	10.0 U	5.2 B	88,000	2.8 B	2.1 B	112.0	2.1 B	6,270	123.0	548.0	3,520 B	5.0 U	10.0 U	52,200	50.0 U	18.3 B
		13-Mar-97	F	200.0 U	60.0 U	2.1 B	2.0 B	86,500	0.7 B	2.8 B	13.6 B	5.0 U	4,880 B	10.0 B	105.0	2,730 B	5.4	10.0 U	42,200	2.8 B	5.4 B
		9-Jul-97	F	23.8 B	1.3 U	1.5 B	8.9 B	99,200	4.2 B	7.4 B	17.5 B	0.8 U	3,950 B	12.7 B	224.0	2,440 B	4.6 B	0.7 U	50,100	4.3 B	17.0 B
02_DGMW59	89	15-Dec-92	F	572.0	12.1 U	1.8 B	49.9 B	128,000	3.7 U	2.5 B	895.0	0.6 U	34,100	239.0	10.2 B	4,360 B	1.9 BW	2.2 B	95,500	8.3 B	34.4
		23-Jun-93	F	7.8 B	9.7 B	0.7 B	65.6 B	93,200	2.9 U	0.8 B	41.4 B	0.4 U	80,400	63.0	183.0	8,200	15.0 N	1.2 U	126,000	5.9 B	5.1 B
		16-Aug-95	F	12.2 U	2.4 U	2.2 B	110.0 B	189,000	1.3 U	4.5 B	26.6 J	1.7 U	47,400	367.0 J	15.5 B	2,800 B	4.9 B	1.5 U	104,000	6.4 B	10.8 B
		30-Nov-95	F	26.0 U	2.2 U	3.3 B	80.6 B	161,000	0.9 J	4.8 B	54.5 J	1.5 U	38,800	60.9 J	11.7 J	2,400 B	11.2 J	0.8 U	105,000	7.8 B	10.6 J
		6-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	162,000	10.0 U	25.0 U	100.0 U	3.0 U	42,000	15.0 U	40.0 U	2,250 J	20.0	10.0 U	111,000	50 U	20.0 U
		6-Feb-96	UF	420.0	60.0 U	10.0 U	200.0 U	165,000	21.0	30.0	1200.0	3.0 U	41,000	64.0	40.0 U	2,290 J	20.0	10.0 U	109,000	50 U	20.0 U
		6-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	162,000	10.0 U	25.0 U	100.0 U	3.0 U	42,000	43.0	40.0 U	2,290 J	18.0	10.0 U	111,000	50 U	20.0 U
		6-Feb-96	UF	460.0	60.0 U	10.0 U	200.0 U	163,000	21.0	25.0 U	880.0	3.0 U	42,000	56.0	40.0 U	2,310 J	17.0	10.0 U	111,000	50 U	20.0 U
		4-Nov-96	* F	40.7 B	60.0 U	2.8 B	103.0 B	180,000	2.1 B	5.6 B	30.3 B	5.0 U	43,100	84.9	16.5 B	2,180 B	3.5 B	10.0 U	102,000	8.3 B	11.8 B
		26-Mar-97	* F	200.0 U	60.0 U	4.5 B	46.3 B	112,000	1.1 B	5.0 B	7.5 B	5.0 U	26,100	2.1 B	16.8 B	1,520 B	4.6 B	10.0 U	61,700	8.5 B	6.3 B
		3-Jul-97	* F	28.6 B	1.3 U	2.3 B	119.0 B	224,000	1.1 B	4.6 B	6.2 B	0.8 U	51,500	10.9 B	14.8 B	2,430 B	4.0 B	0.7 U	125,000	9.9 B	16.4 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
02_DGMW60	100	18-Nov-92 F	31.0 U	12.1 U	0.7 U	59.8 B	72,400	3.7 U	4.1 B	57.1 B	0.6 U	64,000	24.1	7.7 U	7,740	8.0 BN	2.1 U	129,000	7.0 B	6.6 B
		23-Jun-93 F	20.2 B	12.4 B	1.6 B	36.7 B	118,000	2.9 U	1.9 B	31.8 B	0.4 U	29,500	42.2	31.3 B	4,390 B	3.3 BS	1.2 U	77,400	6.9 B	8.0 B
		15-Aug-95 F	12.1 U	2.4 U	2.1 U	77.1 B	98,800	1.3 U	1.5 B	24.1 UJ	1.7 U	96,500	4.6 J	8.0 B	10,700	13.3	1.5 U	126,000	7.7 B	1.2 B
		28-Nov-95 F	12.1 U	2.2 U	3.0 U	69.4 B	98,500	0.7 B	0.7 U	18.5 U	1.5 U	94,900	1.6 B	5.3 B	10,600	15.2	0.8 U	131,000	7.1 B	1.5 U
		6-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	106,000	10.0 U	25.0 U	100.0 U	3.0 U	89,000	15.0 U	40.0 U	8,090	6.0	10.0 U	124,000	50 U	20.0 U
		6-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	111,000	23.0	25.0 U	500.0	3.0 U	82,000	46.0	43.0	7,350	10.0	10.0 U	120,000	50 U	20.0 U
		6-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	109,000	10.0 U	25.0 U	100.0 U	15.0	91,000	17.0	40.0 U	8,540	9.0	10.0 U	127,000	50 U	20.0 U
		6-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	117,000	10.0 U	25.0 U	123.0	6.0	84,000	86.0	43.0	7,700	12.0	10.0 U	126,000	50 U	20.0 U
		4-Nov-96 * F	45.3 B	60.0 U	2.0 B	79.7 B	93,700	4.1 B	3.6 B	24.7 B	5.0 U	87,900	3.1 B	40.0 U	8,880	9.8	10.0 U	121,000	4.9 B	7.2 B
		26-Mar-97 * F	16.0 B	60.0 U	10.0 U	73.3 B	93,700	2.4 B	8.2 B	58.7 B	5.0 U	87,600	2.4 B	4.9 B	10,000	11.8	10.0 U	120,000	7.3 B	6.9 B
		1-Jul-97 * F	40.6 B	2.8 B	1.4 U	76.4 B	98,700	0.9 B	3.7 B	34.4 B	0.8 U	93,900	2.6 B	6.1 B	10,500	14.9	0.7 U	132,000	7.6 B	12.3 B
02_DGMW61	100	14-Dec-92 F	31.0 U	12.1 U	0.7 B	40.3 BE	94,800 E	3.7 U	0.9 U	4.1 B	0.6 U	22,600 E	115.0	7.7 U	4,390 B	4.4 B	2.1 U	57,900 E	4.8 B	2.2 U
		22-Jun-93 F	12.3 B	9.0 U	0.6 B	32.4 BE	99,800	2.9 U	0.7 U	71.1 B	0.4 U	22,800	90.0	7.1 U	3,710 B	10.5 N*	1.2 U	57,800	1.7 U	3.2 B
		16-Aug-95 F	12.2 U	2.4 U	2.1 U	42.3 B	124,000	1.3 U	1.1 U	24.2 UJ	1.7 U	28,900	62.9 J	1.6 U	4,730 B	53.1	1.5 U	65,300	1.3 B	1.3 B
		29-Nov-95 F	22.6 U	2.2 U	3.3 U	39.8 B	138,000	0.6 B	0.7 U	21.6 B	1.5 U	30,100	20.2	1.0 B	4,300 B	95.5	0.8 U	67,400	1.1 U	2.9 U
		8-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	130,000	10.0 U	25.0 U	100.0 U	3.0 U	30,000	15.0 U	40.0 U	3,510 J	57.0	10.0 U	60,000	50 U	20.0 U
		8-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	129,000	10.0 U	25.0 U	100.0 U	3.0 U	30,000	15.0 U	40.0 U	3,570 J	46.0	10.0 U	61,000	50 U	20.0 U
		4-Nov-96 * F	53.2 B	60.0 U	3.2 B	49.5 B	131,000	4.1 B	3.4 B	100.0 U	5.0 U	28,900	3.0 B	40.0 U	3,870 B	34.3	10.0 U	61,600	50 U	8.6 B
		26-Mar-97 * F	20.7 B	60.0 U	1.8 B	39.5 B	120,000	2.2 B	8.3 B	100.0 U	5.0 U	27,100	2.1 B	1.7 B	3,980 B	36.8	10.0 U	59,300	50 U	6.1 B
		2-Jul-97 * F	14.8 B	3.2 B	1.4 U	45.0 B	143,000	3.4 B	3.0 B	26.3 B	0.8 U	31,600	8.0 B	1.8 B	4,510 B	37.1	0.7 U	69,900	1 U	13.6 B
02_UGMW25	75	9-Dec-92 F	31.0 U	12.1 U	4.7 B	34.4 B	93,500	3.7 U	1.6 B	275.0	0.6 U	20,600	70.6	7.7 U	1,280 B	1.5 BW	2.1 U	67,100	15.0 B	15.8 B
		22-Jun-93 F	12.8 B	8.9 B	5.2 B	43.7 BE	81,500	2.9 U	3.9 B	19.1 B	0.4 U	17,700	2.0 B	7.1 U	590 B	7.2 SN*	1.2 U	54,900	14.5 B	2.1 B
		17-Aug-95 F	13.4 U	2.4 U	4.0 B	93.9 B	205,000	1.3 U	4.6 B	24.1 UJ	1.7 U	45,200	2.1 J	6.7 B	968 B	21.7	1.5 U	98,100	11.4 B	2.5 B
		28-Nov-95 F	20.7 U	2.2 U	3.1 U	98.8 B	254,000	1.1 B	2.5 B	38.1 B	1.5 U	52,900	1.2 B	9.4 B	1,130 B	9.8	0.8 U	127,000	10.4 B	5.3 U
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	280,000	10.0 U	25.0 U	100.0 U	3.0 U	61,000	15.0 U	40.0 U	994 J	5.0 U	10.0 U	143,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	279,000	10.0 U	25.0 U	100.0 U	3.0 U	61,000	15.0 U	40.0 U	986 J	5.0 U	10.0 U	143,000	50 U	20.0 U
		12-Nov-96 * F	29.4 B	60.0 U	8.1 B	138.0 B	275,000	7.8 B	9.8 B	42.3 B	3.0 B	61,000	2.2 B	6.5 B	3,020 B	5.0 U	10.0 U	162,000	10.3 B	15.7 B
		26-Mar-97 * F	14.8 B	60.0 U	5.1 B	36.1 B	91,500	5.7 B	7.7 B	16.3 B	5.0 U	20,100	3.7 B	11.4 B	4,200 B	2.9 B	10.0 U	82,200	13.1 B	6.3 B
		2-Jul-97 * F	34.8 B	5.0 B	4.1 B	69.4 B	162,000	1.6 B	2.7 B	43.3 B	0.8 U	35,300	1.5 B	5.4 B	1,710 B	2.8 B	0.7 U	105,000	14.2 B	13.6 B
02_NEW1	135	26-Dec-95 F	16.6 B	2.5 U	2.8 U	5.4 U	42,100	0.6 B	1.0 U	161.0	1.6 U	31,400	105.0	1.4 U	5,420	2.2 U	0.7 U	65,800	1.6 U	6.0 B
		4-Nov-96 * F	46.7 B	60.0 U	3.5 B	11.2 B	45,300	2.5 B	3.3 B	38.7 B	2.1 B	32,600	55.5	6.2 B	3,940 B	5.0 U	10.0 U	63,700	50.0 U	8.7 B
		26-Mar-97 * F	28.8 B	60.0 U	1.9 B	3.7 B	40,400	10.0 U	5.5 B	10.4 B	5.0 U	29,800	36.4	5.2 B	3,880 B	5.0 U	10.0 U	58,100	50 U	4.4 B
2NEW1-004		1-Jul-97 * F	48.2 B	3.9 B	1.4 U	7.5 B	47,900	1.8 B	2.3 B	44.9 B	0.8 U	34,900	33.1	4.3 B	4,710 B	2.0 U	0.7 U	69,700	1 U	14.9 B
02_NEW2	95	21-Dec-95 F	11.3 U	2.5 U	3.4 B	77.8 B	169,000	1.7 B	2.7 B	30.3 B	1.6 U	45,700	14.2 B	6.5 B	2,270 B	7.8	0.7 U	89,200	14.3 B	3.5 B
		26-Nov-96 * F	27.4 B	60.0 U	3.5 B	67.1 B	123,000	1.7 B	3.8 B	50.5 B	1.5 B	33,600	6.8 B	12.9 B	1,730 B	5.9	10.0 U	76,400	13.8 B	12.9 B
		26-Mar-97 * F	35.8 B	60.0 U	3.2 B	78.6 B	138,000	1.3 B	9.8 B	24.2 B	5.0 U	37,500	3.0 B	8.4 B	1,900 B	8.9	10.0 U	82,900	12.9 B	10.0 B
		3-Jul-97 * F	15.5 B	1.3 U	2.3 B	75.0 B	140,000	1.8 B	2.1 B	6.9 B	0.8 U	37,100	1.0 U	8.1 B	1,800 B	12.2	0.7 U	87,700	14 B	10.2 B
02_NEW3	225	28-Dec-95 F	30.7 B	2.5 U	2.8 U	68.4 B	158,000	0.7 B	2.1 B	37.6 B	1.6 U	43,700	27.0	25.5 B	2,280 B	6.6	0.7 U	87,000	9.7 B	33.6
		7-Nov-96 * F	24.1 B	60.0 U	3.5 B	83.7 B	163,000	4.3 B	4.2 B	63.6 B	1.3 B	42,600	10.6 B	32.5 B	2,150 B	10.1	10.0 U	87,100	10.3 B	14.2 B
		24-Mar-97 * F	10.0 B	60.0 U	3.2 B	69.4 B	149,000	1.7 B	4.3 B	36.1 B	5.0 U	37,600	5.5 B	16.9 B	1,950 B	7.6	10.0 U	74,000	8.9 B	6.4 B
		2-Jul-97 * F	59.6 B	2.5 B	1.4 U	68.2 B	151,000	1.4 B	4.4 B	89.9 B	0.8 U	39,900	5.0 B	23.4 B	2,240 B	9.6	0.7 U	87,100	10.5 B	18.6 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
02_NEW6	225	27-Dec-95 F	18.7 B	2.5 U	2.8 U	38.8 B	146,000	1.9 B	1.1 B	19.3 B	1.6 U	41,400	3.7 B	5.6 B	2,320 B	5.2	0.7 U	95,500	7.7 B	4.6 B
		7-Nov-96 * F	16.3 B	60.0 U	10.0 U	56.8 B	149,000	3.8 B	4.2 B	31.8 B	5.0 U	40,600	5.0 B	9.4 B	1,950 B	6.9	10.0 U	84,700	6.6 B	6.7 B
		24-Mar-97 * F	200.0 U	60.0 U	10.0 U	48.7 B	153,000	2.3 B	5.5 B	38.6 B	5.0 U	39,000	3.7 B	16.6 B	2,120 B	8.1	10.0 U	80,200	6.2 B	6.0 B
		2-Jul-97 * F	70.9 B	2.3 B	1.4 U	49.2 B	158,000	4.0 B	5.5 B	93.7 B	0.8 U	42,500	3.7 B	11.5 B	2,420 B	9.9	0.7 U	93,200	7.9 B	23.1
02_NEW7	143	27-Dec-95 F	12.2 B	2.5 U	3.8 B	90.5 B	153,000	1.5 B	1.1 B	15.6 B	1.6 U	41,700	0.5 U	2.9 B	1,810 B	10.2	0.7 U	78,500	12.6 B	1.1 B
		8-Jan-97 * F	24.0 J	2.5 J	5.8 J	90.0 J	125,000	2.7 J	3.3 J	34.2 J	2.0 J	32,800	2.9 J	2.8 J	1,250 J	16.0		68,500	14.0 J	11.0 J
		20-Mar-97 * F	200.0 U	60.0 U	4.2 B	97.2 B	138,000	2.8 B	6.2 B	27.0 B	5.0 U	33,400	13.4 B	4.9 B	1,370 B	11.7	10.0 U	56,900	11.3 B	502.0
		11-Jul-97 * F	16.9 B	1.3 U	3.2 B	77.2 B	131,000	1.8 B	10.9 B	3.1 U	0.8 U	34,300	1.0 U	3.4 B	1,450 B	14.2	0.7 U	74,000	13.1 B	19.4 B
02_NEW8A	104	27-Dec-95 F	11.3 U	2.5 U	2.8 U	17.1 B	139,000	2.1 B	1.4 B	24.8 B	1.6 U	24,000	14.0 B	6.5 B	1,990 B	16.4	0.7 U	57,800	5.1 B	6.5 B
		7-Nov-96 * F	25.8 B	60.0 U	2.1 B	49.3 B	131,000	3.2 B	3.3 B	5.9 B	1.1 B	24,100	5.8 B	22.7 B	1,830 B	19.0	10.0 U	57,500	4.3 B	6.2 B
		25-Mar-97 * F	7.8 B	60.0 U	3.7 B	41.9 B	131,000	2.4 B	6.1 B	8.1 B	1.5 B	23,300	2.4 B	6.3 B	1,600 B	17.2	10.0 U	52,100	3.9 B	8.6 B
		2-Jul-97 * F	38.6 B	5.2 B	2.8 B	40.0 B	127,000	2.0 B	2.7 B	48.3 B	0.8 U	24,000	7.1 B	24.7 B	1,720 B	16.6	0.7 U	55,900	3.9 B	12.7 B
02_NEW11	65	21-Dec-95 F	11.8 B	2.5 U	2.8 U	91.4 B	163,000	2.3 B	1.6 B	55.5 B	1.6 U	48,200	43.4	98.2	3,500 B	7.2	0.7 U	101,000	11.3 B	4.5 B
		12-Nov-96 * F	45.1 B	60.0 U	4.8 B	82.8 B	107,000	3.9 B	2.9 B	45.7 B	1.2 B	29,800	21.8	153.0	2,380 B	5.0 U	10.0 U	82,000	10.6 B	13.1 B
		25-Mar-97 * F	11.6 B	60.0 U	4.2 B	68.6 B	93,700	0.9 B	5.2 B	15.7 B	5.0 U	25,400	19.2	150.0	2,340 B	5.6	10.0 U	75,200	11.5 B	5.2 B
		8-Jul-97 * F	52.2 B	3.8 B	3.3 B	72.5 B	98,200	3.8 B	4.3 B	59.0 B	0.8 U	27,000	38.2	272.0	2,870 B	7.6	0.7 U	83,500	11.8 B	61.7
02_NEW12	249	28-Dec-95 F	28.9 B	2.5 U	12.4	58.3 B	162,000	1.8 B	1.0 U	49.1 B	1.6 U	26,800	58.4	130.0	2,160 B	5.3	0.7 U	95,400	37.0 B	4.0 B
		7-Nov-96 * F	39.2 B	60.0 U	9.1 B	70.1 B	135,000	4.0 B	7.4 B	157.0	1.8 B	22,400	61.4	438.0	2,400 B	7.8	10.0 U	90,400	27.4 B	10.1 B
		25-Mar-97 * F	13.5 B	60.0 U	8.1 B	48.3 B	148,000	1.5 B	5.6 B	21.9 B	5.0 U	27,500	39.6	430.0	2,050 B	2.8 B	10.0 U	89,300	28.9 B	6.1 B
		30-Jun-97 * F	47.0 B	1.3 U	11.2	49.6 B	151,000	2.0 B	5.2 B	57.3 B	0.8 U	27,700	33.2	509.0	3,020 B	8.8	0.7 U	102,000	33.1 B	12.8 B
03_DBMW39	270	9-Oct-92 F	31.0 U	12.1 U	10.7 W	62.9 B	27,300	3.7 U	0.9 U	11.0 B	0.3 U	14,900	9.9 B	40.2	2,520 B	6.8 SN	2.1 U	210,000	44.9 B	2.2 U
		21-Jun-93 F	7.2 B	14.0 B	6.2 B	74.1 BE	30,900	3.2 B	0.8 B	76.6 B	0.4 U	16,600	29.0	557.0	2,440 B	7.2 SN*	1.2 U	203,000	33.9 B	2.6 B
		21-Jun-93 F	7.0 U	12.6 B	5.9 BW	75.7 BE	31,200	5.0 B	0.7 U	57.8 B	0.4 U	16,800	29.0	554.0	2,320 B	7.2 SN*	1.2 U	206,000	35.4 B	3.3 B
		30-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	57,000	10.0 U	25.0 U	100.0 U	3.0 U	32,000	20.0	470.0	2,700 J	13.0	10.0 U	182,000	50 U	20.0 U
		30-Jan-96 UF	313.0	60.0 U	12.0	200.0 U	56,000	98.0	25.0 U	4080.0	3.0 U	31,000	68.0	550.0	2,720 J	5.0 U	10.0 U	179,000	50 U	20.0 U
		12-Nov-96 F	37.1 B	60.0 U	4.2 B	158.0 B	59,900	4.8 B	2.2 B	56.3 B	5.0 U	32,600	19.1	486.0	3,030 B	5.1	10.0 U	167,000	28.3 B	15.1 B
		17-Mar-97 F	15.4 B	60.0 U	6.6 B	161.0 B	63,100	4.2 B	4.8 B	60.4 B	2.1 B	35,200	17.4	532.0	4,000 B	10.5	10.0 U	180,000	33.2 B	16.9 B
		17-Mar-97 UF	13.4 B	60.0 U	5.4 B	157.0 B	63,500	4.5 B	4.1 B	54.5 B	5.0 U	34,600	17.0	518.0	3,910 B	6.8	10.0 U	177,000	32.2 B	16.2 B
		8-Jul-97 F	37.3 B	3.1 B	3.3 B	165.0 B	67,300	2.9 B	3.4 B	83.6 B	0.8 U	38,100	22.5	577.0	3,900 B	7.6	0.7 U	175,000	30.1 B	24.5
03_DGMW64	285	15-Jan-93 F	31.0 U	12.1 U	3.1 B	35.9 B	57,100	3.7 U	6.2 B	11.0 B	0.6 U	35,300	161.0	96.4	3,790 B	17.4 SN	2.1 U	181,000	18.1 B	3.8 B
		2-Jun-93 F	7.0 U	10.0 B	3.0 BW	32.0 B	58,700	2.9 B	0.9 B	16.0 B	0.4 U	35,400	300.0	194.0	4,460 B	13.3 B	1.2 U	180,000	10.7 B	2.1 B
		26-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	68,000	46.0	25.0 U	1500.0	7.0	42,000	70.0	670.0	4,510 J	6.0	10.0 U	187,000	50 U	89.0
		26-Feb-96 UF	220.0	60.0 U	10.0 U	200.0 U	69,000	81.0	25.0 U	2270.0	5.0	45,000	95.0	720.0	4,830 J	5.0 U	10.0 U	202,000	50 U	42.0
		12-Nov-96 F	30.2 B	60.0 U	10.0 U	37.8 B	60,400	3.3 B	2.6 B	35.2 B	5.0 U	35,300	40.2	711.0	4,110 B	8.6	10.0 U	169,000	8.9 B	30.3
		15-Nov-96 F	37.4 B	60.0 U	3.0 B	35.9 B	60,200	3.6 B	1.5 B	44.3 B	5.0 U	36,800	23.1	536.0	4,090 B	7.2	10.0 U	175,000	11.6 B	12.8 B
		4-Mar-97 F	200.0 U	2.9 B	10.0 U	30.6 B	59,500	5.4 B	3.0 B	112.0	5.0 U	34,700	28.8	607.0	4,360 B	8.8	10.0 U	161,000	10.8 B	12.4 B
		30-Jun-97 F	26.7 B	3.7 B	1.4 U	33.7 B	63,400	2.1 B	4.6 B	68.6 B	0.8 U	37,100	15.6	469.0	5,060	11.8	0.7 U	183,000	12.2 B	115.0

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
03_DGMW65X	270	18-Jan-93	F	47.5 B	12.1 U	2.6 B	46.4 B	51,700	3.7 U	4.3 B	4.1 B	0.6 U	27,300	238.0	166.0	3,850 B	14.7 SN	2.1 U	168,000	13.8 B	3.3 B
		7-Jul-93	F	7.8 B	11.7 B	0.7 B	34.7 B	48,000	4.4 B	1.2 B	31.1 B	0.4 U	24,400	189.0	1140.0	3,550 B	8.1 SN	1.2 U	174,000	8.2 B	1.6 B
		26-Feb-96	F	450.0	60.0 U	11.0	200.0 U	73,000	190.0	25.0 U	5370.0	7.0	38,000	55.0	760.0	4,280 J	5.0 U	10.0 U	188,000	50 U	71.0
		26-Feb-96	UF	203.0	60.0 U	10.0 U	200.0 U	76,000	150.0	29.0	3940.0	5.0	37,000	130.0	620.0	4,130 J	5.0 U	10.0 U	170,000	50 U	44.0
		11-Nov-96	F	34.6 B	60.0 U	4.3 B	60.4 B	65,800	6.9 B	4.3 B	26.0 B	1.3 B	37,400	12.0 B	567.0	3,470 B	17.4	10.0 U	155,000	18.9 B	21.2
		4-Mar-97	F	18.0 B	60.0 U	2.7 B	52.3 B	63,600	6.4 B	3.7 B	32.5 B	5.0 U	36,100	6.1 B	532.0	4,080 B	18.2	10.0 U	164,000	22.5 B	14.0 B
		30-Jun-97	F	34.5 B	3.6 B	1.4 U	47.9 B	64,000	10.1	1.8 U	242.0	0.8 U	34,900	111.0	1160.0	3,950 B	17.1	0.7 U	150,000	10.3 B	19.2 B
03_UGMW26	270	1-Oct-92	F	31.0 U	12.1 U	6.0 B	120.0 B	64,500	5.6 B	2.7 B	5.1 B	0.6 U	30,900	20.0	28.5 B	2,110 B	13.3 S	2.1 U	133,000	29.7 B	5.5 B
		23-Jun-93	F	22.6 B	12.0 B	5.0 B	132.0 B	76,500	4.3 B	0.7 U	35.9 B	0.4 U	34,000	5.7 B	57.4	2,860 B	12.7 SN	1.2 U	121,000	33.5 B	3.7 B
		27-Feb-96	F	200.0 U	60.0 U	12.0	200.0 U	78,000	110.0	25.0 U	1300.0	3.0 U	36,000	17.0	62.0	3,340 J	5.0 U	10.0 U	126,000	50 U	23.0
		27-Feb-96	UF	200.0 U	60.0 U	11.0	200.0 U	81,000	110.0	25.0 U	1300.0	3.0 U	37,000	32.0	66.0	3,420 J	5.0 U	10.0 U	13,000	50 U	28.0
		14-Nov-96	F	200.0 U	60.0 U	5.2 B	129.0 B	79,800	4.7 B	25.0 U	33.7 B	1.1 B	33,000	6.5 B	62.3	3,060 B	5.1	10.0 U	127,000	33 B	7.4 B
		19-Nov-96	F	200.0 U	60.0 U	6.8 B	130.0 B	81,800	4.6 B	1.8 B	27.0 B	1.1 B	32,400	5.7 B	58.1	2,990 B	5.5	10.0 U	126,000	33.3 B	7.8 B
		6-Mar-97	F	11.2 B	60.0 U	4.5 B	106.0 B	68,700	11.9	2.4 B	132.0	5.0 U	30,200	7.8 B	55.6	2,780 B	11.4	10.0 U	110,000	28.1 B	11.5 B
		1-Jul-97	F	73.4 B	4.2 B	3.4 B	122.0 B	83,500	7.2 B	5.1 B	96.7 B	0.8 U	36,600	9.9 B	94.2	3,610 B	10.9	0.7 U	134,000	34.5 B	16.4 B
04_DBMW40	260	3-Dec-92	F	69.0 B	12.1 U	2.7 BW	57.6 B	78,500	3.7 U	0.9 U	34.1 B	0.6 U	50,900	11.7 B	39.4 B	4,110 B	13.6 BN*	2.1 U	181,000	20.1 B	2.2 U
		24-Jun-93	F	8.0 B	12.8 B	1.9 B	52.5 BE	80,900	2.9 U	1.6 B	51.7 B	0.4 U	46,500	33.5	55.9	3,980 B	20.2 B	1.2 U	184,000	22.9 B	1.5 B
		26-Feb-96	F	1300.0	60.0 U	10.0 U	200.0 U	83,000	81.0	25.0 U	3600.0	8.0	41,000	120.0	86.0	4,940 J	10.0	10.0 U	189,000	51	210.0
		26-Feb-96	UF	900.0	60.0 U	10.0 U	200.0 U	82,000	50.0	25.0 U	2000.0	8.0	40,000	110.0	79.0	4,700 J	9.0	10.0 U	186,000	50 U	210.0
		12-Nov-96	F	34.9 B	60.0 U	3.5 B	89.7 B	92,300	1.9 B	1.9 B	100.0 U	5.0 U	63,500	64.8	5.0 B	4,960 B	5.0	10.0 U	157,000	22.8 B	21.7
		5-Mar-97	F	200.0 U	60.0 U	3.7 B	50.3 B	66,300	2.0 B	6.7 B	23.2 B	5.0 U	36,000	5.8 B	26.4 B	4,200 B	20.1	10.0 U	153,000	28.6 B	8.9 B
		30-Jun-97	F	30.6 B	3.6 B	2.2 B	82.1 B	93,000	0.5 U	1.8 U	36.5 B	0.8 U	65,100	55.2	9.5 B	5,930	12.1	0.7 U	170,000	25.5 B	20.2
04_DGMW66	290	20-Nov-92	F	31.0 U	12.1 U	2.8 B	41.1 BE	82,500	3.7 U	0.9 U	36.5 B	0.6 U	30,600	16.8	107.0	2,830 B	14.0 BN	2.1 U	112,000	21.2 B	4.2 B
		24-Jun-93	F	8.0 B	9.0 U	3.1 BW	43.6 BE	87,200	2.9 U	0.7 U	20.6 B	0.4 U	31,200	4.8 B	136.0	2,780 B	17.4 B	1.2 U	108,000	18.6 B	2.2 B
		26-Feb-96	F	620.0	60.0 U	10.0 U	200.0 U	95,000	547.0	25.0 U	3980.0	5.0	33,000	24.0	110.0	3,600 J	5.0 U	10.0 U	104,000	50 U	62.0
		26-Feb-96	UF	410.0	60.0 U	10.0 U	200.0 U	96,000	370.0	28.0	3940.0	6.0	33,000	53.0	130.0	3,580 J	5.0 U	10.0 U	105,000	50 U	100.0
		12-Nov-96	F	81.7 B	60.0 U	6.4 B	66.1 B	94,400	6.7 B	4.8 B	33.7 B	2.4 B	31,900	4.7 B	121.0	3,140 B	13.8	10.0 U	107,000	20.6 B	11.6 B
		4-Mar-97	F	200.0 U	60.0 U	3.6 B	52.7 B	92,800	4.2 B	5.0 B	17.4 B	5.0 U	30,400	3.3 B	107.0	3,360 B	16.4	10.0 U	103,000	18.7 B	6.8 B
		1-Jul-97	F	53.1 B	2.1 B	3.1 B	64.9 B	108,000	5.9 B	5.7 B	86.2 B	0.8 U	36,400	4.9 B	152.0	4,180 B	20.7	0.7 U	132,000	23.2 B	10.9 B
04_UGMW63	275	24-Nov-92	F	31.3 B	14.7 B	0.9 B	76.8 BE	134,000	3.7 U	0.9 U	142.0	0.6 U	67,200	337.0	17.1 B	3,140 B	8.2 BN	2.1 U	77,400	20.1 B	8.3 B
		25-Jun-93	F	10.5 B	22.0 B	2.4 B	96.5 BE	142,000	2.9 U	1.0 B	8.2 U	0.4 U	70,600	359.0	7.1 U	3,380 B	12.2 B	1.2 U	78,600	23.5 B	4.0 B
		30-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	129,000	10.0 U	25.0 U	100.0 U	5.0	58,000	42.0	550.0	2,810 J	26.0	10.0 U	88,000	50 U	21.0
		30-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	124,000	18.0	25.0 U	310.0	3.0 U	55,000	37.0	530.0	2,590 J	21.0	10.0 U	82,000	50 U	22.0
		14-Nov-96	* F	200.0 U	60.0 U	4.1 B	85.7 B	130,000	10.0 U	25.0 U	100.0 U	2.3 B	59,100	543.0	82.9	3,140 B	7.3	1.3 B	76,400	20.4 B	11.0 B
		19-Nov-96	* F	33.1 B	60.0 U	3.7 B	86.1 B	129,000	10.0 U	1.8 B	28.4 B	2.2 B	58,500	531.0	80.1	3,110 B	7.3	10.0 U	75,900	20.1 B	11.3 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
05_DBMW41	222	16-Nov-92 F	31.0 U	12.1 U	1.4 B	22.6 B	99,200	3.7 U	0.9 U	14.1 B	0.6 U	29,100	6.5 B	16.0 B	2,830 B	6.4 BN	2.1 U	99,100	10.5 B	2.4 B
		16-Nov-92 F	31.0 U	12.1 U	1.4 B	22.5 B	98,900	3.7 U	0.9 U	17.8 B	0.6 U	28,900	6.5 B	13.3 B	2,850 B	8.2 BN	2.1 U	96,900	12.2 B	2.4 B
		20-Oct-93 F	23.5 B*	18.8 B	1.9 B	47.6 B	110,000	2.8 U	4.5 B	12.8 B	0.5 U	32,000	15.0 U	17.8 B	2,610 B	8.2 B	1.8 U	124,000	11.8 B	2.0 B*
		5-Dec-95 F	16.0 U	2.2 U	2.4 B	54.8 B	123,000	3.5 J	1.9 B	46.3 J	1.5 U	35,400	1.9 J	14.5 J	3,150 B	5.5 J	0.8 U	154,000	11.8 B	1.7 UJ
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	112,000	10.0 U	25.0 U	100.0 U	3.0 U	33,000	15.0 U	40.0 U	2,200 J	6.0	10.0 U	143,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	110,000	10.0 U	25.0 U	100.0 U	3.0 U	33,000	15.0 U	40.0 U	2,140 J	6.0	10.0 U	143,000	50 U	20.0 U
		13-Nov-96 * F	200.0 U	60.0 U	4.2 B	66.0 B	123,000	2.7 B	3.0 B	100.0 U	1.0 B	33,200	1.8 B	16.5 B	3,170 B	4.8 B	10.0 U	141,000	11.2 B	5.8 B
		13-Mar-97 F	200.0 U	60.0 U	2.8 B	61.4 B	121,000	2.8 B	5.5 B	16.4 B	5.0 U	34,100	2.8 B	10.3 B	3,720 B	5.5	10.0 U	142,000	10.6 B	14.9 B
		8-Jul-97 * F	11.9 U	4.2 B	1.4 U	58.5 B	121,000	1.7 B	2.7 B	25.3 B	0.8 U	34,400	2.5 B	17.0 B	3,200 B	8.6	0.7 U	133,000	10.2 B	10.9 B
05_DGMW67	227	30-Nov-92 F	38.9 B	12.1 U	2.6 B	68.5 B	128,000	3.7 U	0.9 U	2.3 U	0.6 U	36,100	1.5 B	7.7 U	1,960 B	6.4	2.1 U	127,000	13.2 B	2.2 U
		30-Nov-92 F	50.7 B	12.1 U	2.3 B	69.6 B	131,000	3.7 U	0.9 U	2.3 U	0.6 U	36,700	2.3 B	7.7 U	2,090 B	6.3	2.1 U	128,000	14.0 B	2.2 U
		3-Jun-93 F	30.4 B	18.6 B	4.4 BW	62.2 B	128,000	2.9 U	2.1 B	13.6 B	0.4 U	35,400	1.6 B	13.0 B	2,400 B	8.7 B	1.8 B	117,000	14.6 B	2.7 B
		6-Dec-95 F	9.9 U	2.2 U	2.2 B	71.4 B	156,000	0.6 J	0.7 U	18.5 UJ	1.5 U	43,400	0.5 J	4.7 J	2,290 B	3.7 UJ	0.8 U	116,000	10.0 B	1.7 UJ
		9-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	118,000	10.0 U	25.0 U	100.0 U	3.0 U	43,000	15.0 U	40.0 U	J	5.0 U	10.0 U	116,000	50 U	20.0 U
		9-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	150,000	10.0 U	25.0 U	100.0 U	3.0 U	44,000	15.0 U	40.0 U	1,960 J	5.0 U	10.0 U	116,000	50 U	20.0 U
		13-Nov-96 * F	244.0	3.1 B	4.4 B	86.4 B	160,000	1.2 B	25.0 U	69.5 B	1.6 B	42,400	4.9 B	21.4 B	2,500 B	2.9 B	10.0 U	115,000	9.5 B	6.3 B
		14-Mar-97 F	200.0 U	60.0 U	2.7 B	66.8 B	145,000	2.6 B	3.5 B	19.8 B	5.0 U	39,000	5.1 B	18.7 B	2,700 B	4.4 B	10.0 U	110,000	8.2 B	7.9 B
05_DGMW68	210	17-Dec-92 F	31.0 U	20.8 B	1.6 B	29.2 B	116,000	3.7 U	1.2 B	17.7 B	0.6 U	33,700	20.6	29.2 B	3,350 B	8.5 S	2.5 B	122,000	13.6 B	2.2 U
		25-Jun-93 F	12.0 B	18.1 B	1.1 B	31.2 BE	122,000	3.0 B	0.7 U	33.4 B	0.4 U	35,800	5.1 B	138.0	3,400 B	9.4 B	1.2 U	120,000	12.5 B	2.6 B
		9-Jan-96 F	15.2 B	2.5 U	2.8 U	24.7 B	118,000	2.7 B	1.0 U	40.7 U	1.6 U	35,100	9.2 B	86.8	3,220 B	9.8 U	0.7 U	114,000	9.6 B	73.5
		27-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	136,000	40.0	25.0 U	210.0	3.0 U	42,000	15.0 U	110.0	4,010 J	5.0 U	10.0 U	125,000	50 U	19.0 J
		27-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	137,000	263.0	25.0 U	2630.0	3.0 U	42,000	37.0	130.0	4,050 J	5.0 U	10.0 U	126,000	50 U	45.0
		15-Nov-96 F	12.6 B	60.0 U	10.0 U	30.4 B	140,000	2.5 B	3.0 B	29.0 B	1.8 B	36,500	3.0 B	68.6	3,650 B	5.2	10.0 U	119,000	11.6 B	5.1 B
		5-Mar-97 F	6.7 B	60.0 U	2.9 B	28.9 B	135,000	1.6 B	3.6 B	17.3 B	5.0 U	38,200	1.8 B	54.5	3,840 B	6.4	10.0 U	119,000	11.3 B	12.7 B
		1-Jul-97 F	78.5 B	3.9 B	1.4 U	33.9 B	157,000	2.1 B	3.4 B	62.5 B	0.8 U	45,000	4.0 B	65.7	4,620 B	8.6	0.7 U	141,000	13.8 B	15.5 B
05_NEW01	203	28-Dec-95 F	11.3 U	2.5 U	2.8 U	91.2 B	108,000	7.0 B	1.8 B	145.0	1.6 U	31,400	65.1	201.0	3,740 B	9.8	0.7 U	102,000	9.8 B	5.0 U
		13-Nov-96 * F	28.5 B	60.0 U	2.4 B	136.0 B	126,000	4.8 B	2.6 B	39.7 B	0.7 B	33,500	73.6	444.0	3,600 B	6.4	10.0 U	103,000	9.4 B	6.7 B
		13-Mar-97 * F	200.0 U	60.0 U	10.0 U	109.0 B	106,000	9.3 B	13.1 B	60.6 B	5.0 U	29,500	67.5	414.0	3,600 B	8.8	10.0 U	95,400	6.4 B	7.4 B
		9-Jul-97 *	14.2 B	1.3 U	1.4 U	121.0 B	119,000	7.0 B	1.8 U	25.7 B	0.8 U	34,200	83.9	562.0	3,310 B	11.0	0.7 U	102,000	7.1 B	16.3 B
		9-Jul-97 *	18.8 B	2.4 B	1.4 U	125.0 B	123,000	7.1 B	2.0 B	27.4 B	0.8 U	35,000	87.6	586.0	3,360 B	12.4	0.7 U	107,000	7.4 B	14.7 B
05_UGMW27	238	3-Dec-92 F	31.0 U	12.1 U	4.0 B	45.2 B	121,000	3.7 U	1.2 B	6.4 B	0.6 U	33,000	2.3 B	7.7 U	1,830 B	9.6 BN*	2.1 U	108,000	13.1 B	2.2 U
		3-Jun-93 F	22.8 B	9.0 U	5.0 BW	46.4 B	124,000	2.9 U	0.9 B	32.2 B	0.4 U	34,400	1.1 B	7.1 U	2,240 B	7.0 B	1.2 U	108,000	15.1 B	6.0 B
		17-Aug-95 F	13.8 U	2.4 U	4.1 B	52.3 B	132,000	1.3 U	1.1 U	24.1 UJ	1.7 U	37,400	0.6 J	1.6 U	2,150 B	7.6	1.5 U	116,000	12.3 B	0.6 B
		8-Dec-95 F	13.3 B	2.5 U	2.8 U	52.9 B	134,000	1.2 U	1.1 B	35.8 U	1.6 U	37,400	0.5 U	1.5 B	2,280 B	6.6	0.7 U	116,000	12.9 B	1.3 U
		29-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	133,000	10.0 U	25.0 U	100.0 U	3.0 U	37,000	15.0 U	40.0 U	1,810 J	11.0	10.0 U	116,000	50 U	20.0 U
		29-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	138,000	10.0 U	25.0 U	100.0 U	3.0 U	37,000	15.0 U	40.0 U	1,860 J	13.0	10.0 U	119,000	50 U	20.0 U
		13-Nov-96 F	17.8 B	60.0 U	5.8 B	62.7 B	136,000	10.0 U	2.4 B	36.8 B	1.7 B	34,800	15.0 U	2.4 B	2,290 B	4.3 B	10.0 U	121,000	12.3 B	6.6 B
		13-Mar-97 F	200.0 U	60.0 U	2.6 B	52.4 B	138,000	10.0 U	5.7 B	37.1 B	5.0 U	35,700	15.0 U	0.9 B	2,370 B	9.8	10.0 U	115,000	10.1 B	7.0 B
		9-Jul-97 F	15.7 B	1.3 U	4.3 B	51.9 B	127,000	1.5 B	1.8 U	11.5 B	0.8 U	35,000	1.0 U	3.8 B	2,120 B	7.5	0.7 U	121,000	11.4 B	28.9
		9-Jul-97 F	12.0 B	1.3 U	2.0 B	55.2 B	135,000	1.1 B	1.8 U	11.8 B	0.8 U	37,300	1.0 U	2.4 B	2,280 B	7.5	0.7 U	128,000	12.1 B	11.6 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
06_DGMW69	190	2-Dec-92	F	43.9 B	12.9 B	0.7 U	48.0 B	169,000	3.7 U	0.9 U	104.0	0.6 U	47,800	167.0	866.0	3,350 B	31.4	2.1 U	76,000	5.7 B	4.4 B
		7-Jul-93	F	16.1 B	19.8 B	0.7 B	53.1 B	170,000	2.9 U	0.7 U	64.0 B	0.4 U	47,900	15.0 B	434.0	3,180 B	36.6 N	1.2 U	78,000	12.3 B	4.3 B
		2-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	166,000	10.0 U	25.0 U	109.0	6.0	48,000	15.0	280.0	3,270 J	35.0	10.0 U	80,000	50 U	20.0 U
		2-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	168,000	58.0	25.0 U	530.0	3.0 U	48,000	30.0	290.0	3,380 J	31.0	10.0 U	82,000	50 U	20.0 U
		12-Mar-97	F	200.0 U	3.4 B	10.0 U	62.7 B	172,000	5.3 B	3.6 B	34.5 B	5.0 U	48,100	10.4 B	216.0	3,800 B	34.6	10.0 U	78,800	11 B	16.4 B
06_UGMW28	180	13-Nov-92	F	31.0 U	19.6 B	0.7 U	34.4 B	264,000	3.7 U	0.9 U	54.5 B	0.6 U	73,000	197.0	230.0	7,220	56.2 SN	2.1 U	109,000	5.4 B	10.9 B
		9-Jul-93	F	27.9 B	19.8 B	1.0 B	33.2 BE	266,000	2.9 U	2.5 B	294.0	0.4 U	70,300	37.7	649.0	5,180	58.2	1.2 U	99,900	5.7 B	7.7 B
		16-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	269,000	10.0 U	25.0 U	100.0 U	4.0	72,000	15.0 U	260.0	4,510 J	37.0	10.0 U	104,000	50 U	20.0 U
		16-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	286,000	61.0	25.0 U	430.0	10.0	79,000	15.0 U	280.0	5,010	35.0	10.0 U	115,000	50 U	37.0
		12-Mar-97	F	200.0 U	3.1 B	10.0 U	44.8 B	353,000	4.2 B	4.5 B	19.4 B	5.0 U	91,400	2.6 B	212.0	5,670	67.1	10.0 U	125,000	5.2 B	7.9 B
07_DBMW43	190	1-Dec-92	F	34.2 B	12.1 U	0.7 U	41.3 B	122,000	3.7 U	0.9 U	9.0 B	0.6 U	33,400	90.8	95.8	3,680 B	20.6 B	2.1 U	70,100	10.0 B	2.5 B
		25-Jun-93	F	11.9 B	22.0 B	0.8 U	51.2 BE	150,000	2.9 U	2.8 B	23.4 B	0.4 U	39,200	34.2	615.0	4,920 B	31.6	1.2 U	78,200	5.4 B	2.8 B
		19-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	93,000	10.0 U	25.0 U	119.0	4.0	24,000	44.0	670.0	9,420	5.0 U	10.0 U	76,000	50 U	20.0 U
		19-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	97,000	585.0	45.0	4810.0	10.0	24,000	160.0	882.0	9,330	5.0 U	10.0 U	73,000	50 U	58.0
		7-Mar-97	F	200.0 U	60.0 U	10.0 U	41.2 B	115,000	7.5 B	7.9 B	57.7 B	5.0 U	28,500	22.8	772.0	4,310 B	18.8	10.0 U	68,000	5.1 B	12.8 B
07_DBMW70	165	8-Dec-92	F	31.0 U	18.4 B	0.7 U	32.2 B	181,000	3.7 U	0.9 U	73.9 B	0.6 U	56,100	28.5	93.8	2,540 B	33.8 N*	2.1 U	82,600	11.8 B	4.2 B
		25-Jun-93	F	11.4 B	17.8 B	0.8 UW	29.7 BE	137,000	8.3 B	0.7 U	60.7 B	0.4 U	38,200	14.4 B	191.0	2,170 B	28.2	1.2 U	102,000	13.0 B	2.4 B
		13-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	148,000	10.0 U	25.0 U	100.0 U	3.0 U	42,000	15.0 U	130.0	2,360 J	20.0 U	10.0 U	115,000	50 U	20.0 U
		13-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	153,000	43.0	25.0 U	440.0	3.0 U	42,000	15.0 U	125.0	2,350 J	23.0	10.0 U	118,000	50 U	116.0
		20-Mar-97	F	200.0 U	60.0 U	10.0 U	30.9 B	153,000	6.1 B	5.3 B	18.2 B	5.0 U	35,300	1.9 B	96.7	2,510 B	28.3	10.0 U	93,600	12.8 B	8.0 B
07_DBMW100	171	8-Dec-92	F	31.0 U	16.6 B	0.7 UW	100.0 B	104,000	3.7 U	0.9 U	28.8 B	0.6 U	32,800	42.9	180.0	2,420 B	11.2 BN*	2.1 U	76,400	15.5 B	3.3 U
		8-Dec-92	F	31.0 U	16.5 B	0.8 BW	100.0 B	104,000	3.7 U	0.9 U	26.1 B	0.6 U	32,900	44.5	190.0	2,570 B	10.6 BN*	2.1 U	77,000	14.3 B	2.2 B
		4-Jun-93	F	21.3 B	9.0 U	0.8 BW	124.0 B	107,000	5.7 B	0.7 U	50.6 B	0.4 U	33,800	8.9 B	608.0	2,510 B	7.0 U	1.2 U	87,500	9.3 B	3.8 B
		31-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	103,000	10.0 U	25.0 U	100.0 U	3.0	33,000	15.0 U	160.0	2,170 J	11.0	10.0 U	68,000	50 U	20.0 U
		31-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	101,000	64.0	25.0 U	500.0	4.0	32,000	22.0	150.0	2,110 J	14.0	10.0 U	66,000	50 U	20.0 U
		20-Mar-97	F	200.0 U	60.0 U	10.0 U	121.0 B	112,000	5.0 B	6.8 B	22.2 B	5.0 U	32,300	2.3 B	158.0	2,710 B	10.8	10.0 U	67,300	11.9 B	8.3 B
07_DGMW71	155	15-Dec-92	F	31.0 U	12.1 U	0.7 B	41.1 BE	139,000 E	3.7 U	0.9 U	12.0 B	0.6 U	35,500 E	16.0	49.6	2,700 B	17.8 B	2.6 B	85,100 E	15.0 B	4.4 B
		22-Jun-93	F	19.6 B	15.9 B	0.7 BW	42.9 BE	141,000	2.9 U	0.8 B	48.7 B	0.4 U	36,500	11.1 B	190.0	2,600 B	17.3 BN*	1.2 U	88,500	14.1 B	3.7 B
		13-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	141,000	10.0 U	25.0 U	100.0 U	3.0 U	37,000	15.0 U	56.0	2,430 J	5.0 U	10.0 U	88,000	50 U	20.0 U
		13-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	141,000	33.0	25.0 U	545.0	3.0 U	37,000	15.0 U	57.0	2,400 J	5.0 U	10.0 U	86,000	50 U	20.0 U
		20-Mar-97	F	200.0 U	60.0 U	10.0 U	48.0 B	116,000	3.9 B	4.5 B	100.0 U	5.0 U	28,500	15.0 U	1.7 B	2,470 B	6.5	10.0 U	108,000	15.7 B	3.8 B
07_DGMW72	150	19-Nov-92	F	31.0 U	16.1 B	0.7 U	51.1 BE	136,000	3.7 U	0.9 U	24.1 B	0.6 U	40,300	8.4 B	11.6 B	2,250 B	5.4 BN	2.1 U	88,800	15.8 B	2.9 B
		21-Jul-93	F	23.4 B	26.7 B	2.1 B	32.2 B	186,000	2.9 U	1.5 B	8.2 U	0.4 UW	115,000	38.0	19.7 B	5,520	79.4	1.2 U	160,000	9.3 B	6.4 B
		15-Oct-93	F	19.3 B*	18.3 B	0.8 B	56.8 B	129,000	2.8 U	3.6 B	30.9 B	0.5 U	39,000	10.3 B	72.8	2,280 B	10.7 B	1.8 U	92,100	16.5 B	3.7 B*
		13-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	124,000	10.0 U	25.0 U	100.0 U	3.0 U	37,000	15.0 U	45.0	2,270 J	5.0 U	10.0 U	92,000	50 U	20.0 U
		13-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	136,000	22.0	25.0 U	240.0	3.0 U	42,000	15.0 U	48.0	3,150 J	5.0 U	10.0 U	103,000	50 U	20.0 U
		20-Mar-97	F	200.0 U	60.0 U	10.0 U	75.2 B	121,000	5.8 B	4.6 B	29.9 B	5.0 U	33,300	1.9 B	52.2	2,780 B	5.9	10.0 U	87,800	13.8 B	5.0 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
07_DGMW91	150	18-Dec-92	F	31.0 U	22.3 B	0.7 U	34.3 B	146,000	3.7 U	0.9 U	61.0 B	0.6 U	41,100	102.0	567.0	2,540 B	10.9 S	2.1 U	74,800	11.3 B	2.2 U
		21-Jul-93	F	23.7 B	14.8 B	1.1 B	32.7 B	143,000	2.9 U	0.9 B	17.2 B	0.4 U	38,000	13.1 B	335.0	2,440 B	9.9 S	1.2 U	70,600	15.1 B	5.6 B
		8-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	146,000	10.0 U	25.0 U	100.0 U	3.0 U	43,000	15.0 U	270.0	1,930 J	5.0 U	10.0 U	73,000	50 U	20.0 U
		8-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	147,000	31.0	25.0 U	380.0	3.0 U	44,000	15.0 U	280.0	1,950 J	5.0 U	10.0 U	74,000	50 U	20.0 U
		24-Mar-97	F	158.0 B	60.0 U	10.0 U	51.2 B	149,000	6.7 B	10.3 B	273.0	5.0 U	38,900	9.8 B	190.0	2,440 B	6.5	10.0 U	70,000	14.3 B	15.1 B
08_DGMW73	130	2-Dec-92	F	41.7 B	12.1 U	1.0 B	137.0 B	120,000	3.7 U	0.9 U	21.5 B	0.6 U	33,600	25.2	122.0	2,450 B	2.5 U	2.1 U	163,000	22.3 B	4.8 B
		20-Jul-93	F	12.6 B	18.5 B	1.9 B	137.0 B	115,000	5.2 B	0.7 U	112.0	0.4 U	29,800	11.9 B	176.0	2,120 B	4.8 B	1.2 U	161,000	22.6 B	2.0 B
		20-Jul-93	F	14.5 B	18.5 B	2.0 B	140.0 B	117,000	5.1 B	0.7 U	108.0	0.4 U	30,300	12.4 B	171.0	2,330 B	4.6 B	1.2 U	164,000	22.1 B	1.8 B
		14-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	117,000	10.0 U	25.0 U	100.0 U	3.0 U	32,000	17.0	180.0	2,500 J	5.0 U	10.0 U	227,000	50 U	20.0 U
		14-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	125,000	10.0	25.0 U	210.0	3.0 U	33,000	19.0	190.0	2,690 J	5.0 U	10.0 U	245,000	50 U	20.0 U
		6-Dec-96	F	22.0 B	60.0 U	2.8 B	169.0 B	113,000	5.7 B	25.0 U	98.3 B	1.3 B	29,100	9.6 B	97.2	2,850 B	5.0 U	10.0 U	206,000	22.6 B	5.0 B
		6-Dec-96	F	15.5 B	60.0 U	3.1 B	166.0 B	111,000	4.3 B	25.0 U	59.5 B	1.4 B	28,100	7.0 B	90.2	2,750 B	5.0 U	10.0 U	202,000	22.4 B	9.9 B
		20-Mar-97	F	200.0 U	60.0 U	10.0 U	162.0 B	113,000	3.7 B	13.4 B	23.4 B	1.8 B	28,300	5.2 B	86.9	3,300 B	5.0 U	10.0 U	189,000	20.2 B	4.7 B
08_DGMW74	130	16-Nov-92	F	31.0 U	12.1 U	1.9 B	64.6 B	95,700	3.7 U	1.4 B	38.2 B	0.6 U	26,000	24.8	138.0	2,060 B	3.8 BN	2.1 U	138,000	22.9 B	23.0
		20-Jul-93	F	15.4 B	15.1 B	2.7 B	71.0 B	99,800	2.9 U	1.1 B	46.8 B	0.4 U	26,300	6.2 B	130.0	2,260 B	4.6 B	1.2 U	145,000	22.6 B	1.8 B
		14-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	102,000	10.0 U	25.0 U	100.0 U	3.0 U	28,000	15.0 U	76.0	2,460 J	5.0 U	10.0 U	193,000	50 U	20.0 U
		14-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	96,000	38.0	25.0 U	470.0	3.0 U	27,000	15.0 U	76.0	2,340 J	5.0 U	10.0 U	185,000	50 U	20.0 U
		13-Nov-96	F	27.2 B	60.0 U	2.1 B	93.1 B	82,300	5.9 B	6.3 B	32.5 B	1.9 B	22,100	21.6	78.6	2,390 B	2.9 B	10.0 U	156,000	25.5 B	35.8
		18-Mar-97	F	200.0 U	60.0 U	3.2 B	91.8 B	94,700	4.7 B	6.8 B	36.7 B	1.5 B	24,000	5.8 B	77.1	2,870 B	6.4	10.0 U	155,000	23.6 B	5.0 B
		18-Mar-97	UF	200.0 U	60.0 U	2.7 B	87.2 B	93,300	4.5 B	5.3 B	21.8 B	5.0 U	23,100	5.2 B	73.6	2,730 B	5.0 B	10.0 U	146,000	22.4 B	4.5 B
08_UGMW29	135	8-Dec-92	F	31.0 U	12.1 U	0.7 BW	54.6 B	97,900	3.7 U	1.4 B	34.6 B	0.6 U	30,800	110.0	134.0	4,150 B	4.2 BN*	2.1 U	109,000	12.3 B	4.1 B
		9-Jul-93	F	19.4 B	12.2 B	2.1 B	59.6 BE	102,000	2.9 U	0.7 U	48.7 B	0.4 U	30,000	46.7	237.0	3,470 B	7.5 S	1.2 U	100,000	12.1 B	3.7 B
		9-Jul-93	F	28.4 B	19.3 B	2.5 B	59.8 BE	106,000	3.4 B	1.9 B	55.0 B	0.4 U	30,300	48.3	246.0	3,840 B	8.1 S	1.3 B	98,900	12.6 B	2.4 B
		14-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	129,000	10.0 U	25.0 U	100.0 U	3.0 U	40,000	32.0	710.0	3,440 J	5.0	10.0 U	114,000	50 U	20.0 U
		14-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	130,000	59.0	25.0 U	610.0	3.0 U	40,000	34.0	700.0	3,500 J	8.0	10.0 U	113,000	50 U	20.0 U
		25-Nov-96	F	18.8 B	60.0 U	10.0 U	84.2 B	109,000	1.9 B	2.7 B	64.4 B	1.9 B	32,400	21.7	1280.0	3,470 B	5.0 U	10.0 U	106,000	4.1 B	18.2 B
		12-Mar-97	F	7.4 B	3.4 B	10.0 U	110.0 B	122,000	5.5 B	6.8 B	37.8 B	1.3 B	36,400	8.7 B	411.0	3,700 B	11.1	10.0 U	105,000	11.6 B	15.9 B
09_DBMW45	157	10-Dec-92	F	33.1 B	12.1 U	0.7 U	25.5 B	173,000	3.7 U	0.9 U	5.9 B	0.6 U	45,000	4.3 B	22.2 B	2,320 B	20.2 B	2.1 U	72,800	15.7 B	3.5 B
		10-Dec-92	F	31.0 U	12.2 U	0.7 U	24.9 B	169,000	3.7 U	0.9 U	2.3 U	0.6 U	43,700	4.9 B	18.4 B	2,300 B	22.0 B	2.1 U	70,100	17.0 B	2.2 U
		13-Jul-93	F	14.3 B	11.5 B	1.8 B	24.6 B	173,000	2.9 U	2.9 B	11.3 B	0.4 U	46,200	2.4 B	17.0 B	2,300 B	19.6 BN	1.2 U	75,700	16.8 B	2.9 B
		20-Nov-95	F	37.6 U	2.2 U	2.1 U	24.8 B	179,000	6.2 B	1.4 B	179.0 J	3.3	47,400	6.6 B	26.8 B	2,580 B	22.4	0.8 U	78,200 J	14.9 B	7.4 B
		15-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	196,000	10.0 U	25.0 U	100.0 U	3.0 U	56,000	15.0 U	40.0 U	3,180 J	14.0	10.0 U	82,000	50 U	20.0 U
		15-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	206,000	26.0	25.0 U	230.0	3.0 U	58,000	15.0 U	44.0	3,400 J	15.0	10.0 U	88,000	50 U	20.0 U
		24-Mar-97	UF	13.5 B	60.0 U	10.0 U	30.4 B	169,000	6.1 B	2.9 B	38.3 B	5.0 U	42,600	4.6 B	44.7	2,640 B	21.2	10.0 U	72,100	13.4 B	6.1 B
09_DGMW75	154	1-Dec-92	F	44.3 B	14.6 B	0.7 U	20.8 B	216,000	3.7 U	0.9 U	2.3 U	0.6 U	58,900	12.1 B	14.8 B	2,480 B	41.8	2.1 U	116,000	17.4 B	15.0 B
		12-Jul-93	F	18.9 B	17.6 B	1.5 B	19.7 BE	211,000	4.2 B	0.7 U	39.2 B	0.4 U	55,200	6.0 B	144.0	2,420 B	44.3	1.2 U	117,000	13.9 B	1.4 B
		14-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	225,000	10.0 U	25.0 U	100.0 U	3.0 U	65,000	36.0	380.0	3,520 J	43.0	10.0 U	153,000	50 U	20.0 U
		14-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	216,000	340.0	25.0 U	4160.0	6.0	62,000	66.0	390.0	3,390 J	39.0	10.0 U	147,000	50 U	20.0 U
		25-Mar-97	F	32.4 B	4.6 B	10.0 U	24.9 B	202,000	345.0	10.7 B	1630.0	1.6 B	53,800	11.2 B	228.0	3,120 B	36.4	10.0 U	121,000	19.8 B	8.1 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
10_DGMW77	170	17-Nov-92 F	31.0 U	12.1 U	1.5 B	32.6 B	158,000	3.7 U	1.2 B	28.8 B	0.6 U	41,400	19.3	57.3	2,210 B	15.4 BN	2.1 U	70,600	16.7 B	11.3 B
		13-Aug-93 F	21.9 B	16.1 B	2.5 B	31.0 B	156,000	3.6 B	2.0 B	23.7 B	1.7 B	43,100	2.8 B	112.0	2,570 B	18.4 BN	1.8 U	72,200	17.0 B	3.4 B
		14-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	181,000	10.0 U	25.0 U	100.0 U	3.0	54,000	15.0 U	61.0	3,880 J	21.0	10.0 U	91,000	50 U	20.0 U
		14-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	175,000	170.0	25.0 U	1900.0	4.0	53,000	29.0	69.0	3,730 J	22.0	10.0 U	87,000	50 U	20.0 U
		24-Mar-97 F	9.9 B	60.0 U	10.0 U	36.5 B	152,000	6.5 B	5.1 B	32.6 B	5.0 U	41,100	3.0 B	55.3	2,940 B	18.0	10.0 U	72,100	15.5 B	6.5 B
12_DBMW48	135	17-Nov-92 F	34.6 B	18.0 B	0.7 U	26.7 B	316,000	3.7 U	0.9 U	101.0	0.6 U	79,000	22.3	120.0	2,940 B	56.7	2.1 U	110,000	15.3 B	2.5 B
		27-Jul-93 F	18.8 B	12.7 U	1.3 B	24.3 B	298,000	2.8 U	1.1 U	71.1 B	0.5 U	77,100	13.4 B	243.0	2,690 B	52.2	1.8 U	112,000	14.2 B	1.5 B
		16-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	277,000	10.0 U	25.0 U	100.0 U	3.0 U	77,000	64.0	240.0	3,440 J	27.0	10.0 U	115,000	50 U	150.0
		16-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	288,000	150.0	25.0 U	2000.0	7.0	81,000	76.0	220.0	3,650 J	26.0	10.0 U	122,000	50 U	140.0
		13-Nov-96 F	13.4 B	60.0 U	10.0 U	32.2 B	264,000	16.9	25.0 U	223.0	2.0 B	62,700	14.6 B	294.0	2,830 B	30.2	10.0 U	96,300	13.3 B	16.4 B
		17-Mar-97 F	14.1 B	60.0 U	10.0 U	24.0 B	246,000	7.3 B	2.4 B	55.8 B	5.0 U	63,100	8.2 B	131.0	3,000 B	31.4	10.0 U	98,600	14.6 B	8.7 B
		17-Mar-97 UF	9.5 B	60.0 U	10.0 U	24.4 B	252,000	7.2 B	3.4 B	50.2 B	1.4 B	64,200	5.6 B	134.0	3,100 B	31.2	10.0 U	102,000	14.7 B	6.9 B
12_UGMW31	145	8-Oct-92 F	60.2 B	22.2 B	0.7 U	27.6 B	177,000	3.7 U	0.9 U	20.6 B	0.6 U	50,700	33.4	12.1 B	2,510 B	20.5 SN	2.1 U	77,100	14.9 B	5.4 B
		7-Jul-93 F	13.9 B	15.9 B	1.1 B	28.7 B	173,000	2.9 U	5.0 B	57.5 B	0.4 U	49,900	12.1 B	106.0	2,430 B	20.6 BN	1.2 U	77,900	13.4 B	3.7 B
		14-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	178,000	10.0 U	25.0 U	100.0 U	4.0	53,000	15.0 U	48.0	3,030 J	7.0	10.0 U	83,000	50 U	20.0 U
		14-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	181,000	10.0 U	25.0 U	100.0 U	3.0 U	54,000	19.0	50.0	3,130 J	9.0	10.0 U	87,000	50 U	20.0 U
		13-Nov-96 F	200.0 U	60.0 U	2.1 B	38.3 B	162,000	3.9 B	25.0 U	100.0 U	5.0 U	42,700	15.0 U	15.1 B	2,450 B	12.1	10.0 U	74,000	15.9 B	10.2 B
		25-Mar-97 F	77.6 B	60.0 U	10.0 U	31.6 B	156,000	40.6	6.1 B	252.0	5.0 U	42,600	5.2 B	17.2 B	2,530 B	13.0	10.0 U	70,900	16.7 B	4.7 B
13_DBMW49	182	16-Nov-92 F	31.0 U	19.6 B	0.7 U	34.3 B	290,000	3.7 U	0.9 U	2.3 U	0.6 U	110,000	99.2	7.7 U	4,860 B	20.4 BN	2.1 U	160,000	24.0 B	5.0 B
		30-Jun-93 F	22.9 B	16.9 B	1.9 B	28.7 B	289,000	2.9 U	0.7 U	10.8 B	0.4 U	109,000	87.9	7.1 U	4,420 B	41.0 N	1.2 U	158,000	25.5 B	10.8 B
		6-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	257,000	10.0 U	25.0 U	100.0 U	3.0 U	101,000	80.0	40.0 U	4,710 J	44.0	10.0 U	152,000	50 U	20.0 U
		6-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	254,000	10.0 U	25.0 U	100.0 U	4.0	103,000	100.0	40.0 U	4,700 J	45.0	10.0 U	152,000	50 U	20.0 U
		6-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	262,000	10.0 U	25.0 U	100.0 U	6.0	103,000	110.0	40.0 U	4,840 J	47.0	10.0 U	154,000	50 U	24.0
		6-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	260,000	10.0 U	25.0 U	150.0	3.0 U	104,000	92.0	40.0 U	4,800 J	45.0	10.0 U	154,000	50 U	20.0 U
		19-Nov-96 * F	14.2 B	60.0 U	2.6 B	28.2 B	249,000	10.0 U	1.8 B	100.0 U	2.1 B	95,400	45.2	5.0 B	5,270	38.7	10.0 U	151,000	22.9 B	4.0 B
		22-Nov-96 * F	11.4 B	60.0 U	3.9 B	28.3 B	247,000	10.0 U	7.6 B	100.0 U	1.5 B	96,300	44.6	5.7 B	5,380	36.3	10.0 U	149,000	22.4 B	7.2 B
		19-Mar-97 * F	200.0 U	60.0 U	10.0 U	26.9 B	274,000	1.7 B	6.1 B	29.7 B	5.0 U	96,200	39.5	8.6 B	5,430	59.6	10.0 U	132,000	20.1 B	5.3 B
13_DGMW78	167	23-Nov-92 F	51.9 B	23.7 B	0.7 UW	23.6 B	383,000	3.7 U	2.0 B	17.3 B	0.6 UW	199,000	1800.0	27.2 B	4,520 B	152.0	2.1 U	177,000	16.0 B	38.4
		16-Jun-93 F	20.7 B	28.1 B	1.6 B	28.4 BE	328,000	2.9 U	0.7 U	8.2 U	0.4 U	150,000	1230.0	12.2 B	4,050 B	7.0 U	1.2 U	173,000	14.4 B	12.0 B
		1-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	257,000	10.0 U	25.0 U	100.0 U	3.0 U	128,000	2300.0	40.0 U	3,830 J	25.0	10.0 U	230,000	50 U	20.0 U
		1-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	242,000	10.0 U	25.0 U	100.0 U	3.0 U	117,000	2130.0	40.0 U	3,180 J	25.0	10.0 U	200,000	50 U	20.0 U
		19-Nov-96 * F	200.0 U	60.0 U	7.2 B	28.6 B	284,000	10.0 U	25.0 U	100.0 U	2.0 B	135,000	1480.0	18.4 B	5,440	30.7	10.0 U	190,000	14.1 B	8.7 B
		19-Mar-97 * F	200.0 U	60.0 U	10.0 U	25.7 B	339,000	1.9 B	7.2 B	100.0 U	5.0 U	131,000	739.0	15.0 B	6,560	11.3	10.0 U	160,000	17.4 B	11.1 B
13_UGMW32	184	28-Oct-92 F	31.0 U	17.4 B	0.7 U	32.5 BE	202,000	3.7 U	4.8 B	2.3 U	0.6 U	96,400	85.5	7.7 U	4,330 B	19.3 SN	2.1 U	99,800	17.8 B	11.3 B
		28-Jun-93 F	7.0 U	25.6 B	1.5 B	28.4 B	181,000	2.9 U	1.4 B	17.3 B	0.4 U	80,200	197.0	7.1 U	4,180 B	30.8 N	1.2 U	103,000	15.6 B	9.2 B
		5-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	174,000	10.0 U	25.0 U	100.0 U	3.0 U	78,000	96.0	40.0 U	4,200 J	20.0	10.0 U	107,000	50 U	20.0 U
		5-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	156,000	10.0 U	25.0 U	134.0	3.0 U	71,000	92.0	40.0 U	3,710 J	26.0	10.0 U	107,000	50 U	20.0 U
		10-Mar-97 * F	7.1 B	60.0 U	2.9 B	22.5 B	157,000	3.4 B	9.1 B	11.0 B	5.0 U	66,600	241.0	4.5 B	4,210 B	23.7	10.0 U	107,000	18.1 B	7.1 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
14_DBMW50	160	2-Dec-92 F	58.4 B	28.0 B	0.7 U	32.4 B	275,000	3.7 U	2.9 B	2.3 U	0.6 U	102,000	542.0	27.2 B	4,450 B	38.4	2.4 B	139,000	18.5 B	72.2
		25-Jun-93 F	16.8 B	19.8 B	0.8 U	26.6 BE	287,000	2.9 U	1.6 B	48.9 B	0.4 U	106,000	363.0	40.8	3,910 B	40.8	1.2 U	142,000	16.7 B	27.7
		5-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	254,000	10.0 U	25.0 U	100.0 U	3.0 U	103,000	58.0	89.0	3,700 J	41.0	10.0 U	141,000	50 U	20.0 U
		5-Feb-96 UF	457.0	60.0 U	10.0 U	200.0 U	240,000	52.0	25.0 U	860.0 U	3.0 U	104,000	220.0	83.0	4,010 J	35.0	10.0 U	152,000	50 U	35.0
		5-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	250,000	10.0 U	25.0 U	100.0 U	3.0 U	102,000	55.0	90.0	3,700 J	39.0	10.0 U	141,000	50 U	20.0 U
		5-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	234,000	29.0	25.0 U	580.0	3.0 U	101,000	210.0	78.0	3,970 J	35.0	10.0 U	149,000	50 U	32.0
		19-Nov-96 * F	32.1 B	60.0 U	10.0 U	19.3 B	248,000	2.0 B	9.2 B	100.0 U	2.7 B	96,200	74.0	62.1	4,240 B	56.1	10.0 U	137,000	13.7 B	9.9 B
		17-Mar-97 * F	10.0 B	60.0 U	10.0 U	20.0 B	254,000	6.5 B	5.5 B	32.2 B	5.0 U	92,600	35.7	193.0	4,540 B	71.8	10.0 U	138,000	11 B	14.6 B
		17-Mar-97 * UF	10.4 B	60.0 U	10.0 U	19.4 B	266,000	6.1 B	8.4 B	28.1 B	5.0 U	94,800	34.4	192.0	4,660 B	70.3	10.0 U	141,000	10.9 B	12.1 B
14_DGMW79	158	20-Nov-92 F	31.0 U	19.0 B	0.7 UW	21.1 BE	307,000	3.7 U	1.3 B	5.9 B	0.6 U	127,000	119.0	10.5 B	4,580 B	6.0 BN	2.1 U	172,000	16.7 B	69.1
		16-Jun-93 F	57.8 B	22.5 B	2.0 B	21.1 BE	319,000	2.9 U	0.7 U	13.8 B	0.4 U	133,000	125.0	24.0 B	4,250 B	21.9 B	1.2 U	168,000	16.3 B	32.2
		5-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	266,000	10.0 U	25.0 U	100.0 U	3.0 U	122,000	91.0	40.0 U	3,740 J	26.0	10.0 U	166,000	50 U	20.0 U
		5-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	258,000	58.0	25.0 U	530.0	3.0 U	121,000	88.0	40.0 U	3,880 J	25.0	10.0 U	164,000	50 U	20.0 U
		19-Nov-96 * F	200.0 U	2.5 B	3.5 B	17.4 B	263,000	10.0 U	1.9 B	100.0 U	2.2 B	116,000	84.8	5.9 B	4,110 B	38.8	10.0 U	169,000	16.7 B	10.5 B
		17-Mar-97 * F	7.2 B	60.0 U	3.3 B	17.6 B	283,000	1.2 B	4.9 B	100.0 U	5.0 U	119,000	101.0	6.8 B	4,490 B	45.2	10.0 U	165,000	17.9 B	12.1 B
		17-Mar-97 * UF	15.1 B	60.0 U	2.8 B	17.8 B	288,000	1.1 B	15.4 B	100.0 U	1.6 B	124,000	105.0	6.6 B	4,650 B	43.2	10.0 U	171,000	17.7 B	12.5 B
15_DBMW51	165	4-Dec-92 F	31.0 U	40.7 B	0.7 U	38.3 B	869,000	3.7 U	0.9 U	69.8 B	3.0 U	351,000	296.0	13.6 B	7,200	108.0 N*	2.1 U	244,000	18.7 B	232.0
		13-Aug-93 F	31.9 B	48.0 B	2.1 B	36.2 B	783,000	2.8 U	8.2 B	18.7 B	1.1 BW	318,000	184.0	10.4 B	6,800	117.0 N	1.8 U	229,000	14.8 B	120.0
		8-Oct-93 F	33.8 B	54.8 B	3.0 BW	29.4 B	651,000	2.8 U	1.1 U	19.8 B	0.9 BW	298,000	811.0	17.6 B	5,840	93.5	1.8 U	231,000	17.1 B	105.0 E
		6-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	531,000	10.0 U	25.0 U	100.0 U	3.0 U	252,000	345.0	40.0 U	6,630	69.0	10.0 U	216,000	50 U	66.0
		6-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	602,000	10.0 U	25.0 U	100.0 U	3.0 U	288,000	250.0	40.0 U	7,210	77.0	10.0 U	233,000	50 U	58.0
		3-Dec-96 * F	18.5 B	60.0 U	9.4 B	24.9 B	380,000	10.0 U	1.9 B	20.2 B	2.1 B	169,000	704.0	11.1 B	5,910	16.2	10.0 U	203,000	14.8 B	48.7
		25-Mar-97 * F	10.1 B	60.0 U	10.0 U	28.4 B	634,000	0.8 B	10.6 B	100.0 U	2.8 B	244,000	349.0	18.1 B	8,060	67.8	10.0 U	215,000	14.7 B	46.4
16_DBMW52	222	4-Nov-92 F	49.1 B	20.5 B	0.7 U	35.2 B	141,000	3.7 U	0.9 U	2.3 U	0.6 U	106,000	157.0	497.0	4,880 B	25.2 BW	2.1 U	129,000	8.6 B	2.2 U
		14-Jul-93 F	18.3 B	20.8 B	2.4 B	32.2 B	149,000	5.2 B	1.5 B	20.8 B	0.4 U	107,000	12.0 B	184.0	5,330		1.2 U	135,000	11.8 B	7.3 B
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	129,000	10.0 U	25.0 U	100.0 U	3.0 U	105,000	15.0 U	85.0	3,970 J	33.0	10.0 U	152,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	133,000	45.0	25.0 U	710.0	3.0 U	109,000	18.0	98.0	3,570 J	39.0	10.0 U	155,000	50 U	20.0 U
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	119,000	10.0 U	25.0 U	100.0 U	3.0 U	103,000	15.0 U	72.0	3,980 J	36.0	10.0 U	147,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	150,000	28.0	25.0 U	510.0	3.0	121,000	40.0	120.0	4,100 J	41.0	10.0 U	170,000	50 U	20.0 U
		25-Nov-96 * F	21.1 B	60.0 U	4.1 B	23.5 B	102,000	8.8 B	3.8 B	34.3 B	1.6 B	84,500	2.7 B	48.2	4,030 B	21.8	10.0 U	166,000	24.8 B	6.8 B
		19-Mar-97 * F	200.0 U	60.0 U	3.9 B	21.6 B	110,000	6.0 B	5.7 B	10.8 B	5.0 U	80,400	3.7 B	69.2	4,560 B	36.2	10.0 U	151,000	21.7 B	4.4 B
16_DGMW81	216	11-Dec-92 F	36.6 B	20.2 B	0.7 U	37.3 B		3.7 U	0.9 U	13.8 B	0.6 UW	112,000	110.0	229.0	5,310		2.3 B	166,000	17.1 B	10.7 B
		24-Jun-93 F	19.8 B	20.3 B	0.8 UW	32.7 BE	256,000	2.9 U	0.9 U	23.3 B	0.4 U	120,000	14.2 B	547.0	5,180 B	192.0	1.2 U	183,000	12.6 B	2.6 B
		24-Jun-93 F	20.7 B	23.6 B	0.8 UW	31.9 BE	252,000	2.9 U	0.7 B	24.2 B	0.4 U	118,000	13.7 B	513.0	4,930	190.0	1.2	181,000	13.1 B	2.6
		8-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	196,000	10.0 U	25.0 U	100.0 U	3.0 U	95 000	15.0 U	110.0	4,760 J	107.0	10.0 U	182,000	50 U	20.0 U
		8-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	195,000	30.0	25.0 U	230.0	3.0 U	94,000	15.0 U	110.0	4,720 J	105.0	10.0 U	183,000	50 U	20.0 U
		8-Jan-97 F																		
		5-Mar-97 F	8.0 B	60.0 U	2.8 B	20.8 B	167,000	6.2 B	7.3 B	29.0 B	5.0 U	75,400	8.8 B	156.0	4,840 B	89.4	10.0 U	144,000	16.8 B	15.7 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS -- All Results In Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
16_UGMW33	220	17-Dec-92 F	31.0 U	15.6 B	17.0 W	22.5 B		3.7 U	2.1 B	14.0 B	0.6 U	37,400	5.1 B	7.7 U	3,410 B		2.1 U	88,700	20.8 B	15.0 B
		14-Jul-93 F	20.3 B	17.2 B	3.9 B	24.2 B	68,900	5.5 B	1.9 B	16.2 U	0.4 U	43,100	1.5 B	7.1 U	4,170 B	1.9 U	1.2 U	82,900	21.1 B	4.1 B
		14-Jul-93 F	11.9 B	14.6 B	4.0 B	24.3 B	70,500	6.5 B	2.1 B	8.2 B	0.4 U	43,700	1.7 B	7.1 U	3,960 B	1.7 U	1.2 U	83,700	24.2 B	4.9 B
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	72,000	10.0 U	25.0 U	100.0 U	3.0 U	47,000	15.0 U	40.0 U	3,280 J	5.0 U	10.0 U	86,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	73,000	10.0 U	25.0 U	107.0	3.0 U	47,000	33.0	40.0 U	3,310 J	5.0 U	10.0 U	87,000	50 U	20.0 U
		25-Nov-96 * F	21.0 B	60.0 U	3.6 B	35.1 B	62,700	8.5 B	2.4 B	29.5 B	1.3 B	43,900	2.7 B	3.5 B	3,800 B	5.0 U	10.0 U	79,300	30.5 B	8.7 B
		19-Mar-97 * F	200.0 U	60.0 U	2.7 B	30.9 B	62,900	5.9 B	6.6 B	11.8 B	5.0 U	38,000	1.5 B	3.6 B	3,680 B	3.4 B	10.0 U	66,800	23.3 B	7.4 B
17_DGMW82	255	8-Feb-93 F	40.5 B	12.1 U	5.6 B	30.8 BE		3.7 U	3.8 B	2.3 U	0.6 U	32,400	51.3	7.7 U	5,830		2.1 U	124,000	7.2 B	31.4
		3-Jun-93 F	21.8 B	9.0 U	6.1 BW	26.4 B	91,200	2.9 U	0.7 U	9.0 B	0.4 U	32,600	115.0	7.1 U	5,710	7.0 U	1.2 U	139,000	9.0 B	3.7 B
		3-Jun-93 F	13.6 B	9.0 U	5.7 BN	25.8 B	92,400	2.9 U	0.7 U	8.2 U	0.4 U	33,200	126.0	10.1 B	5,830	7.0 U	1.2 U	135,000	8.0 B	3.5 B
		6-Dec-95 F	14.1 U	2.2 U	5.0 B	23.4 B	74,400	0.9 J	0.7 U	89.8 J	1.5 U	25,100	16.4 J	14.5 J	4,780 B	3.7 U	0.8 U	146,000	9.7 B	7.3 UJ
		9-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	72,000	10.0 U	25.0 U	100.0 U	3.0 U	26,000	18.0	40.0 U	4,310 J	5.0 U	10.0 U	151,000	50 U	40.0
		9-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	77,000	38.0	29.0	4370.0	29.0	28,000	15.0 U	51.0	4,450 J	5.0 U	10.0 U	149,000	50 U	120.0
		20-Nov-96 F	10.2 B	60.0 U	3.4 B	26.0 B	74,300	10.0 U	25.0 U	100.0 U	5.0 U	25,100	2.5 B	33.4 B	5,000	5.0 U	10.0 U	138,000	8.5 B	22.5
		1-Apr-97 F	200.0 U	60.0 U	9.8 B	35.1 B	70,900	10.0 U	7.8 B	38.2 B	5.0 U	23,100	3.6 B	28.4 B	4,920 B	4.8 B	10.0 U	136,000	13.3 B	32.8
17_NEW1	226	12-Jan-96 F	11.7 B	2.5 U	6.7 B	39.0 B	81,400	2.8 B	1.0 U	41.9 B	1.6 U	23,500	87.7	197.0	2,870 B	15.1	0.7 U	46,200	17.5 B	4.6 B
		20-Nov-96 * F	10.5 B	2.6 B	3.7 B	107.0 B	74,300	2.4 B	4.4 B	100.0 U	1.2 B	20,800	39.1	1220.0	1,960 B	5.0 U	10.0 U	43,000	12.3 B	11.3 B
		24-Mar-97 * F	10.7 B	60.0 U	2.3 B	117.0 B	71,300	4.1 B	2.4 B	30.9 B	5.0 U	19,200	36.6	1140.0	2,160 B	9.4	10.0 U	38,900	11.4 B	13.2 B
17_NEW2	123	3-Jan-96 F	21.5 B	2.5 U	2.8 U	17.2 B	50,300	1.5 B	1.0 U	28.5 B	1.6 U	28,900	74.8	3.2 B	7,490	55.3	0.7 U	100,000	7.4 B	2.8 B
		20-Nov-96 * F	17.6 B	60.0 U	10.0 U	35.1 B	29,300	10.0 U	2.4 B	100.0 U	5.0 U	18,100	78.8	92.7	5,190	5.0 U	10.0 U	91,100	4.5 B	4.7 B
		24-Mar-97 * F	200.0 U	60.0 U	10.0 U	48.9 B	29,700	1.5 B	6.6 B	26.8 B	5.0 U	18,700	63.7	78.4	5,310	4.3 B	10.0 U	89,200	5.4 B	5.8 B
18_BGMP06A	455	8-Oct-92 F	31.0 U	12.5 B	1.3 BW	30.8 B		3.7 U	0.9 U	2.3 U	0.6 U	28,000	32.7	7.7 U	3,190 B		2.1 U	91,300	17.8 B	105.0
		12-Aug-93 F	12.5 B	12.7 U	3.4 B	31.3 B		3.9 B	1.1 U	7.2 U	0.6 B	23,900	2.6 B	7.5 U	3,490 B		1.8 U	80,400	25.5 B	26.8
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	74,000	10.0 U	25.0 U	100.0 U	3.0 U	26,000	15.0 U	40.0 U	3,090 J	5.0 U	10.0 U	82,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	76,000	10.0 U	25.0 U	164.0	3.0 U	26,000	15.0 U	40.0 U	3,090 J	5.0 U	10.0 U	83,000	50 U	27.0
		10-Mar-97 F	200.0 U	60.0 U	2.4 B	33.8 B	79,700	2.0 B	7.3 B	100.0 U	5.0 U	23,500	15.0 U	40.0 U	3,630 B	5.6	10.0 U	76,200	22.8 B	12.7 B
18_BGMP06B	390	7-Oct-92 F	31.0 U	15.8 B	1.2 B	30.1 B		3.7 U	0.9 U	2.3 U	0.6 U	27,600	27.4	7.9 B	3,040 B	4.5 BN*	2.1 U	87,900	23.7 B	55.7
		11-Aug-93 F	16.4 B	12.7 U	2.6 B	31.6 B	90,500	2.8 U	1.1 U	10.6 B	0.5 U	26,000	25.9	8.9 B	3,310 B	5.0 U	1.8 U	83,500	26.8 B	22.3
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	94,000	10.0 U	25.0 U	100.0 U	3.0 U	28,000	33.0	40.0 U	2,860 J	5.0 U	10.0 U	86,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	97,000	10.0 U	25.0 U	100.0 U	3.0 U	28,000	24.0	40.0 U	2,930 J	23.6	10.0 U	87,000	50 U	20.0 U
		10-Mar-97 F	18.5 B	60.0 U	3.3 B	37.5 B	93,500	10.0 U	3.1 B	100.0 U	1.3 B	26,800	27.7	2.0 B	3,730 B	5.5	10.0 U	85,200	26.3 B	19.4 B
18_BGMP06C	305	7-Oct-92 F	31.0 U	12.1 U	2.5 B	39.2 B	80,200	3.7 U	2.0 B	2.3 U	0.6 U	40,500	6.7 B	7.7 U	3,470 B	3.5 UN	2.1 U	145,000	16.0 B	24.3
		9-Aug-93 F	50.0 B	12.7 U	3.3 B	38.1 B	77,800	2.8 U	1.1 U	7.2 U	0.6 BW	28,800	8.9 B	7.5 U	3,530 B	5.0 U	1.8 U	97,000	15.6 B	12.4 B
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	59,000	10.0 U	25.0 U	100.0 U	3.0 U	25,000	23.0	40.0 U	2,750 J	5.0 U	10.0 U	88,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	61,000	10.0 U	25.0 U	116.0	3.0 U	26,000	54.0	40.0 U	2,820 J	29.4	10.0 U	91,000	50 U	20.0 U
		10-Mar-97 F	8.8 B	60.0 U	2.7 B	41.8 B	55,000	10.0 U	2.8 B	26.7 B	5.0 U	25,100	17.1	40.0 U	3,510 B	5.0 U	10.0 U	85,500	3 B	5.9 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMP06D	178	6-Oct-92	F	31.0 U	12.1 U	1.9 B	38.4 B	112,000	3.7 U	1.8 B	2.3 U	0.6 U	51,900	6.3 B	7.7 U	3,800 B		2.1 U	158,000	7.9 B	13.0 B
		6-Aug-93	F	30.5 B	21.8 B	2.7 B	46.0 B	168,000	2.8 U	1.1 U	7.2 U	0.5 U	54,800	14.7 B	7.5 U	3,810 B	43.6	1.8 U	148,000	22.0 B	18.9 B
		7-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	184,000	10.0 U	25.0 U	100.0 U	3.0 U	56,000	16.0	40.0 U	3,180 J	23.0	10.0 U	146,000	50 U	20.0 U
		7-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	186,000	10.0 U	25.0 U	100.0 U	3.0 U	56,000	16.0	40.0 U	3,180 J	28.0	10.0 U	146,000	50 U	27.0
		10-Mar-97	F	200.0 U	60.0 U	2.8 B	43.7 B	180,000	0.5 B	3.9 B	100.0 U	5.0 U	51,500	9.8 B	40.0 U	4,420 B	45.8	10.0 U	138,000	20.9 B	7.4 B
18_BGMP06E	115	1-Oct-92	F	31.0 U	12.1 U	1.1 BW	22.1 B	92,500	3.7 U	2.7 B	10.7 B	0.6 U	66,000	6.6 B	7.7 U	3,590 B	26.8 S	2.1 U	152,000	2.1 B	15.4 B
		2-Aug-93	F	28.5 B	30.6 B	2.9 B	32.2 B	230,000	2.8 U	1.1 U	7.2 U	0.5 U	73,100	0.9 B	7.5 U	3,240 B	44.5	1.8 U	148,000	22.0 B	17.7 B
		7-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	247,000	10.0 U	25.0 U	100.0 U	3.0 U	80,000	15.0 U	40.0 U	3,600 J	28.0	10.0 U	152,000	50 U	20.0 U
		7-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	255,000	10.0 U	25.0 U	100.0 U	3.0 U	84,000	15.0 U	40.0 U	3,740 J	27.0	10.0 U	158,000	50 U	20.0
		10-Mar-97	F	200.0 U	60.0 U	2.3 B	29.8 B	267,000	2.7 B	3.5 B	100.0 U	5.0 U	81,500	15.0 U	40.0 U	4,390 B	65.6	10.0 U	148,000	18.9 B	8.0 B
18_BGMP08A	449	17-Oct-92	F	31.0 U	12.9 B	0.7 U	31.9 B	84,600	3.7 U	0.9 U	2.3 U	0.6 U	25,500	59.4	7.7 U	3,220 B	1.4 B	2.1 U	162,000	7.4 B	117.0
		11-Jun-93	F	38.1 B	9.0 U	1.3 B	38.8 BE	97,000	2.9 U	1.9 B	8.2 U	1.3 B	26,100	12.6 B	7.1 U	3,560 B	7.5 B	1.2 U	169,000	8.4 B	87.8
		15-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	110,000	10.0 U	25.0 U	100.0 U	3.0 U	28,000	37.0	40.0 U	3,140 J	5.0 U	10.0 U	177,000	50 U	59.0
		15-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	108,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	15.0 U	40.0 U	3,140 J	5.0 U	10.0 U	173,000	50 U	84.0
		6-Mar-97	F	200.0 U	60.0 U	10.0 U	36.6 B	103,000	10.0 U	2.7 B	100.0 U	5.0 U	24,600	4.7 B	40.0 U	3,970 B	3.9 B	10.0 U	157,000	7.3 B	46.0
18_BGMP08C	307	15-Oct-92	F	31.0 U	12.1 U	0.7 UW	28.2 B	72,400	3.7 U	1.0 B	2.3 U	0.6 U	19,000	34.3	7.7 U	2,860 B	4.6 BS	2.1 U	147,000	8.9 B	46.8
		10-Jun-93	F	17.8 B	9.0 U	2.8 B	28.4 BE	80,100	2.9 U	0.7 U	16.4 B	0.4 U	20,400	1.4 B	7.1 U	2,950 B	4.0 BN	1.2 U	149,000	12.1 B	43.6
		16-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	89,000	10.0 U	25.0 U	100.0 U	3.0 U	22,000	15.0 U	40.0 U	2,990 J	5.0 U	10.0 U	152,000	50 U	20.0 U
		16-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	89,000	10.0 U	25.0 U	100.0 U	3.0 U	22,000	15.0 U	40.0 U	2,840 J	5.0 U	10.0 U	150,000	50 U	30.0
		7-Mar-97	F	200.0 U	60.0 U	2.9 B	31.6 B	86,700	2.2 B	4.3 B	100.0 U	5.0 U	19,800	15.0 U	3.1 B	3,710 B	4.9 B	10.0 U	139,000	12.8 B	13.5 B
18_BGMP08D	136	13-Oct-92	F	31.0 U	12.1 U	1.3 B	21.9 B	81,300	3.7 U	1.2 B	3.5 B	0.6 U	21,600	19.6	7.7 U	2,890 B	9.0 S	2.1 U	145,000	10.2 B	24.4
		15-Oct-92	F	31.0 U	12.1 U	1.5 BW	22.2 B	81,400	3.7 U	1.4 B	6.1 B	0.6 U	21,600	19.2	7.7 U	2,960 B	7.4 S	2.1 U	143,000	9.2 B	25.3
		14-Jun-93	F	18.7 B	9.0 U	2.0 B	31.9 BE	95,100	2.9 U	1.7 B	8.2 U	0.4 U	21,500	1.5 B	7.1 U	2,860 B	10.7 B	1.2 U	140,000	9.0 B	30.2
		15-Jun-93	F	14.3 B	9.0 U	1.6 B	32.2 BE	96,500	2.9 U	0.7 U	8.2 U	0.4 U	21,600	2.4 B	7.1 U	2,940 B	11.0 B	1.2 U	138,000	8.7 B	88.6
		16-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	107,000	10.0 U	25.0 U	100.0 U	3.0 U	24,000	15.0 U	40.0 U	2,640 J	5.0 U	10.0 U	146,000	50 U	21.0
		16-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	107,000	10.0 U	25.0 U	100.0 U	3.0 U	25,000	15.0 U	40.0 U	2,760 J	5.0 U	10.0 U	146,000	50 U	20.0 U
		7-Mar-97	F	200.0 U	60.0 U	10.0 U	39.4 B	117,000	2.2 B	6.1 B	9.3 B	5.0 U	23,900	0.8 B	2.3 B	3,770 B	7.5	10.0 U	136,000	8.4 B	10.5 B
18_BGMP08E	71	12-Oct-92	F	108.0 B	16.2 B	0.7 UW	56.1 B	283,000	3.7 U	1.3 B	2.3 U	0.6 U	63,800	313.0	13.6 B	3,420 B	10.0 SN	2.1 U	189,000	9.8 B	71.0
		10-Jun-93	F	166.0 B	16.5 B	0.9 BW	46.8 BE	284,000	2.9 U	30.8	9.4 B	0.4 U	63,400	6.7 B	7.1 U	2,800 B	14.4 BN	1.2 U	202,000	12.9 B	25.9
		17-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	233,000	10.0 U	25.0 U	100.0 U	3.0 U	52,000	15.0 U	40.0 U	2,330 J	5.0 U	10.0 U	198,000	50 U	20.0 U
		17-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	231,000	10.0 U	25.0 U	100.0 U	3.0 U	53,000	15.0 U	60.0	2,270 J	13.0	10.0 U	195,000	50 U	250.0
		7-Mar-97	F	40.5 B	60.0 U	2.0 B	31.2 B	201,000	1.5 B	15.1 B	27.4 B	5.0 U	43,900	1.7 B	2.0 B	2,750 B	6.1	10.0 U	160,000	11.9 B	16.4 B
18_BGMP09A	463	23-Oct-92	F	31.0 U	12.1 U	3.3 B	21.7 B	34,500	3.7 U	0.9 U	10.1 B	0.6 U	11,800	41.8	7.7 U	3,920 B	0.5 UW	2.1 U	277,000	1.9 U	15.2 B
		22-Jun-93	F	7.0 U	9.0 U	2.9 B	32.4 BE	50,400	2.9 U	0.7 U	13.4 B	0.4 U	14,700	71.6	7.1 U	4,970 B	3.5 UN	1.2 U	458,000	1.7 U	6.4 B
		31-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	67,000	10.0 U	25.0 U	100.0 U	3.0 U	22,000	47.0	40.0 U	6,850	5.0 U	10.0 U	849,000	50 U	20.0 U
		31-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	70,000	10.0 U	25.0 U	100.0 U	3.0 U	23,000	51.0	40.0 U	7,410	5.0 U	10.0 U	887,000	50 U	20.0 U
		18-Mar-97	F	200.0 U	60.0 U	10.0 U	49.3 B	71,900	0.7 B	5.8 B	9.2 B	5.0 U	22,100	38.9	1.4 B	9,960	5.1	10.0 U	659,000	50 U	5.6 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMP09B	385	23-Oct-92	F	55.2 B	12.1 U	2.4 B	21.7 B	26,300	3.7 U	0.9 U	73.6 B	0.6 U	11,100	7.8 B	7.7 U	3,140 B	5.7 BN	2.1 U	275,000	5.5 B	56.3
		21-Jun-93	F	7.0 U	9.0 U	2.2 B	14.0 BE	49,100	2.9 U	0.7 U	10.3 B	0.4 U	16,700	10.9 B	7.1 U	3,350 B	5.4 BN*	1.2 U	332,000	2.6 B	21.4
		31-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	67,000	10.0 U	25.0 U	100.0 U	3.0 U	18,000	15.0 U	40.0 U	3,980 J	5.0 U	10.0 U	425,000	50 U	20.0 U
		31-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	65,000	10.0 U	25.0 U	100.0 U	6.0	18,000	15.0 U	40.0 U	4,550 J	5.0 U	10.0 U	428,000	50 U	35.0
		18-Mar-97	F	200.0 U	60.0 U	1.9 B	18.9 B	57,000	0.9 B	11.7 B	100.0 U	5.0 U	15,200	3.6 B	1.3 B	4,590 B	5.0 U	10.0 U	326,000	2.2 B	12.3 B
18_BGMP09C	268	22-Oct-92	F	31.0 U	12.1 U	2.6 B	35.0 B	51,400	3.7 U	0.9 U	14.4 B	0.6 U	19,200	25.6	7.7 U	4,070 B	2.2 B	2.1 U	183,000	5.5 B	53.8
		18-Jun-93	F	64.7 B	9.0 U	3.8 B	31.0 B	42,200	2.9 U	3.0 B	16.8 B	0.4 U	17,900	1.2 B	7.1 U	3,950 B	7.0 U	1.2 U	174,000	5.1 B	31.9
		1-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	48,000	10.0 U	25.0 U	100.0 U	3.0 U	23,000	15.0 U	40.0 U	12,000	5.0 U	10.0 U	199,000	50 U	20.0 U
		1-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	43,000	10.0 U	25.0 U	100.0 U	3.0 U	21,000	15.0 U	40.0 U	3,310 J	5.0 U	10.0 U	172,000	50 U	25.0
		18-Mar-97	F	200.0 U	60.0 U	3.1 B	33.3 B	40,500	0.7 B	4.0 B	100.0 U	1.5 B	19,900	1.1 B	0.8 B	4,360 B	5.0 U	10.0 U	170,000	2.4 B	10.0 B
18_BGMP09D	232	21-Oct-92	F	31.0 U	12.1 U	1.4 B	21.4 B	76,000	3.7 U	0.9 U	2.3 U	0.6 U	17,300	1.4 B	7.7 U	2,620 B	7.3 BN	2.1 U	158,000	13.6 B	21.4
		17-Jun-93	F	22.2 B	9.0 U	3.1 B	25.1 B	84,800	2.9 U	0.7 U	8.2 U	0.4 U	17,600	1.0 B	8.7 B	3,120 B	9.1 B	1.2 U	157,000	15.9 B	11.8 B
		2-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	93,000	10.0 U	25.0 U	100.0 U	3.0 U	20,000	15.0 U	40.0 U	3,350 J	5.0 U	10.0 U	172,000	50 U	37.0
		2-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	92,000	10.0 U	25.0 U	100.0 U	3.0 U	19,000	15.0 U	40.0 U	3,180 J	5.0 U	10.0 U	167,000	50 U	43.0
		18-Mar-97	F	200.0 U	60.0 U	2.1 B	28.1 B	85,900	2.2 B	7.0 B	9.5 B	5.0 U	17,500	3.3 B	30.4 B	3,670 B	4.5 B	10.0 U	152,000	10.4 B	36.1
18_BGMP09E	143	20-Oct-92	F	31.0 U	12.1 U	0.8 BW	69.6 B	111,000	3.7 U	0.9 U	2.3 U	0.6 U	26,400	5.2 B	7.7 U	2,980 B	8.9 BN	2.1 U	136,000	7.7 B	14.8 B
		20-Oct-92	F	31.0 U	12.1 U	0.7 B	69.3 B	112,000	3.7 U	1.2 B	6.4 B	0.6 U	26,200	5.2 B	7.7 U	2,890 B	3.6 BN	2.1 U	134,000	7.0 B	19.2 B
		23-Jun-93	F	13.0 B	9.0 U	1.1 B	75.9 BE	123,000	2.9 U	1.2 B	8.2 U	0.4 U	27,200	2.1 B	7.2 B	3,130 B	7.0 B	1.2 U	145,000	8.8 B	18.0 B
		24-Jun-93	F	9.4 B	9.0 U	0.8 UW	70.8 BE	120,000	2.9 U	1.4 B	16.6 B	0.4 U	26,400	2.1 B	7.1 U	3,020 B	5.8 B	1.2 U	141,000	8.3 B	12.6 B
		2-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	140,000	10.0 U	25.0 U	100.0 U	3.0 U	32,000	15.0 U	40.0 U	3,500 J	5.0 U	10.0 U	147,000	50 U	20.0 U
		2-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	140,000	10.0 U	25.0 U	100.0 U	3.0 U	31,000	15.0 U	40.0 U	3,420 J	5.0 U	10.0 U	144,000	50 U	20.0 U
		18-Mar-97	F	200.0 U	60.0 U	2.3 B	81.1 B	134,000	1.8 B	5.0 B	100.0 U	5.0 U	29,500	15.0 U	4.4 B	4,180 B	3.6 B	10.0 U	145,000	6.6 B	6.7 B
18_BGMP09F	69	19-Oct-92	F	59.9 B	12.1 U	12.6	26.6 B	177,000	3.7 U	0.9 U	19.7 B	0.6 U	44,300	57.0	9.7 B	3,690 B	5.8 BN	2.1 U	213,000	7.8 B	13.7 B
		16-Jun-93	F	38.3 B	15.0 B	11.1	31.5 B	164,000	2.9 U	0.7 U	15.4 B	0.4 U	46,200	11.2 B	11.9 B	3,120 B	7.0 U	1.2 U	197,000	9.1 B	7.6 B
		2-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	185,000	10.0 U	25.0 U	100.0 U	3.0 U	46,000	15.0 U	40.0 U	2,470 J	5.0 U	10.0 U	181,000	50 U	20.0 U
		2-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	181,000	10.0 U	25.0 U	100.0 U	3.0 U	45,000	15.0 U	40.0 U	2,410 J	5.0 U	10.0 U	176,000	50 U	23.0
		18-Mar-97	F	18.4 B	60.0 U	10.0 U	35.5 B	152,000	1.4 B	2.6 B	19.3 B	1.5 B	36,200	15.0 U	1.3 B	2,600 B	6.9	10.0 U	151,000	7.3 B	10.5 B
18_BGMP10A	1011	20-Jan-93	F	31.0 U	12.1 U	3.0 B	72.0 B	134,000	3.7 U	2.6 B	2.3 U	0.6 U	59,600	51.6	7.7 U	3,840 B	12.8 BN	2.1 U	173,000	3.8 B	84.0
		30-Jul-93	F	12.6 B	12.7 U	1.3 B	61.3 B	58,900	2.8 U	4.6 B	1450.0	0.5 B	39,300	63.2	7.5 U	5,050	5.8 B	1.8 U	167,000	1.8 U	161.0
		19-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	6,470	10.0 U	25.0 U	100.0 U	3.0	7,160	15.0 U	40.0 U	3,510 J	5.0 U	10.0 U	172,000	50 U	20.0 U
		19-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	5,910	10.0 U	25.0 U	140.0	3.0 U	7,000	15.0 U	40.0 U	3,500 J	5.0 U	10.0 U	171,000	50 U	92.0
		20-Mar-97	F	200.0 U	60.0 U	6.8 B	31.2 B	6,720	10.0 U	7.7 B	8.7 B	5.0 U	4,460 B	1.6 B	1.2 B	5,230	5.0 U	10.0 U	161,000	50 U	7.6 B
18_BGMP10B	896	25-Jan-93	F	31.0 U	12.1 U	2.9 B	56.2 BE	109,000	3.7 U	0.9 U	2.3 U	0.6 U	42,300	99.6	7.7 U	3,750 B	7.2	2.1 U	148,000	3.9 B	289.0 E
		25-Jan-93	F	31.0 U	12.1 U	2.9 B	56.2 BE	110,000	3.7 U	0.9 U	4.8 B	0.6 U	42,600	101.0	7.7 U	3,540 B	6.8	2.1 U	149,000	4.5 B	167.0 E
		30-Jul-93	F	18.4 B	12.7 U	8.7 B	75.7 B	105,000	2.8 U	1.1 U	29.4 B	0.5 U	39,300	355.0	7.5 U	3,990 B	3.5 U	1.8 U	151,000	2.0 B	6.2 B
		23-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	39,000	10.0 U	25.0 U	100.0 U	5.0	15,000	99.0	40.0 U	3,710 J	5.0 U	10.0 U	132,000	50 U	20.0 U
		23-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	40,000	10.0 U	25.0 U	184.0	3.0 U	14,000	97.0	40.0 U	3,750 J	5.0 U	10.0 U	129,000	50 U	120.0
		20-Mar-97	F	200.0 U	60.0 U	5.8 B	60.8 B	49,800	10.0 U	3.6 B	54.5 B	5.0 U	11,000	281.0	1.4 B	4,580 B	5.0 U	10.0 U	110,000	50 U	8.5 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMP10C	762	23-Jan-93	F	31.0 U	12.1 U	0.9 B	75.1 BE	125,000	3.7 U	0.9 U	2.6 U	0.6 U	48,000	119.0	7.7 U	3,730 B	0.9 B	2.1 U	158,000	5.3 B	202.0 E
		1-Jul-93	F	9.1 B	9.0 U	10.3 N	37.0 BE	48,300	2.9 U	0.7 U	12.1 B	0.4 U	17,200	95.6	7.1 U	3,470 B	0.7 UN	1.2 U	101,000	1.7 U	4.7 B
		23-Jan-96	F	200.0 U	60.0 U	25.0	200.0 U	19,000	10.0 U	25.0 U	100.0 U	3.0 U	11,000	15.0 U	40.0 U	2,940 J	5.0 U	10.0 U	97,000	50 U	20.0 U
		23-Jan-96	UF	200.0 U	60.0 U	26.0	200.0 U	20,000	10.0 U	25.0 U	100.0 U	3.0 U	11,000	15.0 U	40.0 U	3,050 J	5.0 U	10.0 U	100,000	50 U	190.0
		20-Mar-97	F	200.0 U	60.0 U	14.7	40.2 B	10,500	10.0 U	4.0 B	100.0 U	5.0 U	8,910	2.6 B	40.0 U	3,360 B	5.0 U	10.0 U	83,800	50 U	5.7 B
18_BGMP10D	573	22-Jan-93	F	31.0 U	12.1 U	12.4	37.3 BE	59,400	3.7 U	0.9 U	2.6 B	0.6 U	22,400	64.8	7.7 U	2,830 B	1.0 BW	2.1 U	107,000	1.9 U	44.3 E
		28-Jun-93	F	11.3 B	9.0 U	5.3 B	51.3 B	60,500	2.9 U	0.7 U	47.8 B	0.4 U	21,000	82.8	7.1 U	3,290 B	2.0 BN	1.5 B	105,000	15.0 B	69.2
		23-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	46,000	10.0 U	25.0 U	196.0	3.0 U	15,000	65.0	40.0 U	2,950 J	5.0 U	10.0 U	92,000	50 U	20.0 U
		23-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	45,000	10.0 U	25.0 U	220.0	3.0 U	15,000	65.0	40.0 U	2,890 J	5.0 U	10.0 U	91,000	50 U	75.0
		20-Mar-97	F	200.0 U	60.0 U	3.7 B	64.0 B	43,000	10.0 U	4.5 B	77.6 B	5.0 U	13,500	75.6	1.0 B	3,500 B	5.0 U	10.0 U	82,100	50 U	7.5 B
18_BGMP10E	449	21-Jan-93	F	31.0 U	14.2 B	5.8 B	72.9 BE	133,000	3.7 U	0.9 U	2.3 U	0.6 U	50,900	163.0	7.7 U	4,430 B	6.6 BN	2.1 U	178,000	2.5 B	78.8
		29-Jun-93	F	13.8 B	9.0 U	4.2 B	31.9 B	57,000	2.9 U	0.7 U	12.8 B	0.4 U	20,900	41.3	7.1 U	3,200 B	1.2 BN	1.2 U	102,000	27.9 B	128.0
		29-Jun-93	F	12.4 B	9.0 U	4.1 B	32.2 B	56,100	2.9 U	0.7 U	11.9 B	0.4 U	20,700	40.4	7.1 U	2,850 B	1.6 BN	1.2 U	103,000	27.4 B	79.4
		24-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	52,000	10.0 U	25.0 U	109.0	3.0 U	19,000	44.0	40.0 U	2,610 J	5.0 U	10.0 U	106,000	50 U	20.0 U
		24-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	52,000	10.0 U	25.0 U	128.0	3.0 U	19,000	45.0	40.0 U	2,630 J	5.0 U	10.0 U	108,000	50 U	40.0
		24-Mar-97	F	200.0 U	60.0 U	3.8 B	45.7 B	59,300	10.0 U	3.8 B	100.0 U	5.0 U	20,100	13.7 B	40.0 U	3,660 B	5.0 U	10.0 U	102,000	32.1 B	16.5 B
18_BGMP10F	228	20-Jan-93	F	31.0 U	15.4 B	1.0 B	71.0 BE	133,000	3.7 U	1.1 B	3.5 B	0.6 U	51,200	202.0	12.5 B	3,910 B	1.4 BW	2.6 B	165,000	1.9 U	105.0 E
		25-Jun-93	F	14.1 B	17.2 B	2.0 B	57.3 BE	134,000	2.9 U	0.7 U	11.2 B	0.4 U	57,300	64.6	7.1 U	3,950 B	6.4 B	1.2 U	170,000	2.4 B	12.9 B
		24-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	152,000	10.0 U	25.0 U	100.0 U	5.0	60,000	150.0	40.0 U	3,370 J	16.0	10.0 U	169,000	50 U	20.0 U
		24-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	152,000	10.0 U	25.0 U	100.0 U	6.0	60,000	150.0	40.0 U	3,370 J	17.0	10.0 U	171,000	50 U	69.0
		24-Mar-97	F	50.2 B	60.0 U	2.8 B	64.1 B	140,000	10.0 U	8.3 B	213.0	5.0 U	53,500	140.0	40.0 U	4,840 B	12.1	10.0 U	158,000	2 B	11.5 B
18_BGMW01A	486	11-Dec-92	F	832.0	12.1 U	22.0 B	3.6 B	32,200	12.7	4.5 B	2280.0	2.7 B	19,500	235.0	37.5 B	6,580	0.5 U	2.1 U	381,000	17.0 B	261.0
		1-Jul-93	F	7.0 U	12.9 B	2.8 BW	10.2 BE	39,300	2.9 U	0.7 U	64.7 B	0.4 U	19,500	173.0	8.6 B	6,010	4.0 BN	1.2 U	319,000	1.7 U	3.8 B
		1-Jul-93	F	24.9 B	15.0 B	3.3 BW	10.2 BE	39,600	2.9 U	0.7 U	69.9 B	0.4 U	19,600	172.0	7.1 U	6,070	3.5 UN	1.2 U	321,000	1.7 U	3.0 B
		26-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	47,000	10.0 U	25.0 U	730.0	3.0	24,000	280.0	40.0 U	5,850	5.0 U	10.0 U	367,000	50 U	20.0 U
		26-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	47,000	10.0 U	25.0 U	920.0	4.0	24,000	290.0	40.0 U	5,910	5.0 U	10.0 U	374,000	50 U	20.0 U
		26-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	47,000	10.0 U	25.0 U	740.0	3.0 U	24,000	280.0	40.0 U	5,910	5.0 U	10.0 U	372,000	50 U	20.0 U
		26-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	47,000	10.0 U	25.0 U	860.0	4.0	24,000	280.0	40.0 U	6,030	5.0 U	10.0 U	374,000	50 U	20.0 U
		14-Mar-97	F	15.5 B	60.0 U	6.1 B	42.4 B	54,900	10.0 U	3.2 B	1160.0	5.0 U	23,600	257.0	3.4 B	8,570	5.0 U	10.0 U	322,000	50 U	6.9 B
18_BGMW01B	416	14-Dec-92	F	31.0 U	12.1 U	27.3	20.5 B	52,500	3.7 U	0.9 U	37.0 B	0.6 U	21,800	96.3	20.9 B	3,470 B	4.5 B	2.1 U	137,000	22.5 B	18.3 B
		22-Jun-93	F	14.1 B	12.3 B	14.7	27.1 BE	54,700	2.9 U	0.8 B	45.0 B	0.4 U	22,800	193.0	9.0 B	3,690 B	6.9 BN*	1.2 U	148,000	11.3 B	2.4 B
		26-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	61,000	10.0 U	25.0 U	100.0 U	4.0	25,000	110.0	40.0 U	3,060 J	5.0 U	10.0 U	148,000	50 U	20.0 U
		26-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	61,000	10.0 U	25.0 U	109.0	3.0 U	25,000	110.0	40.0 U	3,040 J	5.0	10.0 U	147,000	50 U	20.0 U
		11-Mar-97	F	39.4 B	3.9 B	6.6 B	34.7 B	57,800	2.8 B	8.7 B	90.4 B	5.0 U	22,800	69.4	3.8 B	3,980 B	6.4	1.1 B	132,000	11 B	8.4 B
18_BGMW01C	350	16-Dec-92	F	31.0 U	12.2 B	3.4 B	46.8 B	85,200	3.7 U	0.9 U	25.5 B	0.6 U	30,100	25.4	332.0	2,780 B	17.4 S	2.1 U	101,000	13.2 B	2.2 U
		24-Jun-93	F	10.1 B	9.0 U	4.1 B	49.5 BE	89,900	2.9 U	0.7 U	14.8 B	0.4 U	32,100	26.9	183.0	3,070 B	19.8 B	1.2 U	106,000	12.4 B	2.2 B
		23-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	94,000	10.0 U	25.0 U	100.0 U	3.0 U	33,000	15.0 U	250.0	2,850 J	17.0	10.0 U	103,000	50 U	21.0
		23-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	95,000	15.0	25.0 U	290.0	3.0 U	33,000	15.0 U	250.0	2,840 J	14.0	10.0 U	103,000	50 U	24.0
		11-Mar-97	F	17.1 B	60.0 U	3.2 B	47.1 B	89,200	11.5	2.5 B	157.0	5.0 U	30,000	4.4 B	156.0	3,320 B	14.0	10.0 U	97,200	11.5 B	23.5

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMW01D	262	9-Dec-92	F	31.0 U	18.2 B	2.9 B	40.5 B	117,000	3.7 U	0.9 U	24.2 B	0.6 U	53,600	90.7	382.0	3,070 B	14.4 BN*	2.1 U	87,900	19.2 B	2.2 U
		23-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	125,000	10.0 U	25.0 U	100.0 U	4.0	56,000	15.0 U	180.0	3,070 J	15.0	10.0 U	88,000	50 U	20.0 U
		23-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	127,000	10.0 U	25.0 U	124.0	4.0	57,000	15.0 U	180.0	3,100 J	16.0	10.0 U	89,000	50 U	20.0 U
18_BGMW01E	225	27-Oct-92	F	31.0 U	13.3 B	2.0 B	109.0 B	94,500	3.7 U	1.2 B	7.5 B	0.6 U	60,000	32.0	7.7 U	3,820 B	15.6 B	2.1 U	129,000	18.7 B	5.5 B
		27-Oct-92	F	31.0 U	14.0 B	1.5 B	106.0 B	93,200	3.7 U	1.2 B	6.7 B	0.6 U	59,100	31.3	7.7 U	3,530 B	17.5 S	2.1 U	127,000	18.4 B	7.4 B
		18-Jun-93	F	46.7 B	24.9 B	3.0 B	119.0 B	94,600	2.9 U	1.4 B	8.2 U	0.4 U	59,400	58.6	8.3 B	3,950 B	20.1 B	1.4 B	129,000	18.6 B	5.7 B
		5-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	88,000	10.0 U	25.0 U	100.0 U	3.0 U	58,000	94.0	40.0 U	3,370 J	11.0	10.0 U	109,000	50 U	20.0 U
		5-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	86,000	10.0 U	25.0 U	100.0 U	3.0 U	57,000	100.0	40.0 U	3,380 J	10.0	10.0 U	107,000	50 U	20.0 U
		27-Mar-97	F	6.7 U	2.8 U	3.0 B	121.0 B	93,500	0.4 U	6.0 B	11.1 B	1.4 B	60,700	87.9	3.3 B	4,610 B	12.0	1.1 U	125,000	18.2 B	16.2 B
18_BGMW02A	482	21-Dec-92	F	31.0 U	12.4 B	8.8 B	15.4 BE	51,900	3.7 U	0.9 U	46.7 B	0.6 U	22,900	129.0	7.7 U	6,030	1.0 BN	2.1 U	97,600	1.9 U	2.2 U
		8-Jun-93	F	7.0 U	9.0 U	9.3 BW	14.3 B	54,200	2.9 U	0.7 U	58.3 B	0.4 U	23,000	160.0	7.1 U	5,800	0.7 UN	1.2 U	94,400	1.7 U	2.5 B
		19-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	53,000	10.0 U	25.0 U	100.0 U	3.0	24,000	170.0	40.0 U	5,440	5.0 U	10.0 U	98,000	50 U	20.0 U
		19-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	54,000	10.0 U	25.0 U	101.0	3.0 U	25,000	180.0	40.0 U	5,510	5.0 U	10.0 U	98,000	50 U	20.0 U
		13-Mar-97	F	200.0 U	60.0 U	8.6 B	9.6 B	53,200	10.0 U	2.0 B	159.0	5.0 U	23,200	85.7	40.0 U	5,890	5.0 U	10.0 U	83,300	50 U	3.5 B
18_BGMW02C	378	22-Dec-92	F	31.0 U	12.1 U	6.6 B	31.2 BE	71,600	3.7 U	0.9 U	22.3 B	1.7 B	22,100	99.8	57.2	3,530 B	9.4 SN	2.1 U	86,700	17.3 B	2.2 U
		9-Jun-93	F	15.9 B	14.5 B	7.8 BW	30.7 B	74,800	2.9 U	0.7 U	29.0 B	0.4 U	22,600	107.0	78.0	3,340 B	7.5 N	1.2 U	85,500	16.6 B	1.9 B
		18-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	76,000	10.0 U	25.0 U	100.0 U	3.0 U	24,000	31.0	190.0	2,960 J	7.0	10.0 U	87,000	50 U	20.0 U
		18-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	73,000	13.0	25.0 U	660.0	3.0 U	24,000	43.0	200.0	3,010 J	8.0	10.0 U	85,000	50 U	31.0
		11-Mar-97	F	165.0 B	2.9 B	7.3 B	31.4 B	76,100	23.9	3.8 B	607.0	5.0 U	23,300	43.8	183.0	3,950 B	9.1	10.0 U	83,900	21.3 B	10.0 B
18_BGMW02D	314	18-Dec-92	F	31.0 U	21.5 B	6.8 B	20.5 B	88,100	3.7 U	0.9 U	9.5 B	0.6 U	24,800	103.0	7.7 U	3,570 B	14.3 S	2.1 U	84,000	16.7 B	2.2 U
		15-Jun-93	F	17.0 B	9.0 U	6.1 B	20.4 BE	89,900	2.9 U	0.7 U	20.1 B	0.4 U	25,500	20.0	7.8 B	3,860 B	16.0 B	1.2 U	79,800	16.8 B	3.6 B
		17-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	94,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	26.0	40.0 U	3,350 J	10.0	10.0 U	78,000	50 U	20.0 U
		17-Jan-96	UF	3100.0	60.0 U	10.0 U	200.0 U	95,000	10.0 U	25.0 U	2390.0	3.0 U	29,000	57.0	40.0 U	3,810 J	8.0	10.0 U	82,000	50 U	20.0 U
		17-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	93,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	25.0	40.0 U	3,320 J	8.0	10.0 U	76,000	50 U	20.0 U
		17-Jan-96	UF	1200.0	60.0 U	10.0 U	200.0 U	97,000	10.0 U	25.0 U	1900.0	3.0 U	28,000	58.0	40.0 U	3,530 J	9.0	10.0 U	76,000	50 U	20.0 U
		13-Mar-97	F	200.0 U	60.0 U	4.7 B	18.9 B	92,000	0.8 B	2.9 B	61.1 B	5.0 U	25,300	8.0 B	4.9 B	4,150 B	10.9	10.0 U	77,500	13.1 B	13.0 B
18_BGMW02E	233	21-Sep-92	F	31.0 U	13.2 B	3.2 B	49.3 B	109,000	3.7 U	1.4 B	26.2 B	0.6 U	33,200	65.0	96.9	3,700 B	13.3 SN	2.1 U	109,000	10.8 B	7.1 B
		15-Jun-93	F	17.5 B	20.2 B	2.1 B	36.5 BE	109,000	2.9 U	0.7 U	56.6 B	0.4 U	32,400	17.2	294.0	3,610 B	14.0 B	1.2 U	89,400	9.2 B	6.1 B
		1-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	118,000	10.0 U	25.0 U	100.0 U	3.0 U	35,000	15.0	320.0	2,960 J	6.0	10.0 U	92,000	50 U	20.0 U
		1-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	119,000	80.0	25.0 U	820.0	3.0 U	36,000	40.0	290.0	3,020 J	5.0 U	10.0 U	93,000	50 U	20.0 U
		27-Mar-97	F	6.7 U	2.8 U	3.1 B	45.1 B	124,000	2.4 B	6.0 B	66.3 B	2.1 B	35,200	9.8 B	287.0	4,090 B	10.9	1.1 U	96,700	9.2 B	6.2 B
18_BGMW03A	390	29-Oct-92	F	31.0 U	12.1 U	3.4 B	35.8 BE	75,900	3.7 U	0.9 U	2.3 U	0.6 U	23,400	3.2 B	7.7 U	2,300 B	13.7 SN	2.1 U	100,000	19.5 B	2.2 U
		14-Jul-93	F	14.9 B	14.4 B	3.4 B	33.5 B	78,200	2.9 U	2.7 B	27.4 B	0.4 U	24,500	13.5 B	237.0	2,610 B	14.4 SN	1.2 U	101,000	14.6 B	5.3 B
		29-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	78,000	10.0 U	25.0 U	100.0 U	3.0 U	24,000	42.0	150.0	5,240	12.0	10.0 U	92,000	50 U	110.0
		29-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	75,000	10.0 U	25.0 U	175.0	3.0 U	23,000	45.0	160.0	5,230	7.0	10.0 U	89,000	50 U	140.0
		29-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	78,000	10.0 U	25.0 U	100.0 U	3.0 U	24,000	40.0	150.0	5,150	11.0	10.0 U	92,000	50 U	110.0
		29-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	79,000	10.0 U	25.0 U	136.0	3.0 U	24,000	44.0	160.0	5,390	10.0	10.0 U	92,000	50 U	130.0
		21-Mar-97	F	11.3 B	60.0 U	3.4 B	41.7 B	87,500	4.3 B	3.3 B	25.9 B	5.0 U	24,700	8.3 B	178.0	3,200 B	14.5	10.0 U	94,300	16.5 B	7.5 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS -- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMW03B	300	28-Oct-92 F	31.0 U	12.1 U	2.6 B	39.4 BE	71,600	3.7 U	0.9 U	3.6 B	0.6 U	21,500	5.0 B	65.5	2,310 B	9.4 SN	2.1 U	86,100	21.1 B	6.5 B
		28-Nov-92 F	31.0 U	12.1 U	3.2 B	39.6 BE	70,700	3.7 U	0.9 U	4.5 B	0.6 U	21,400	5.0 B	67.4	2,170 B	11.2 SN	2.1 U	86,100	19.9 B	4.7 B
		14-Jul-93 F	7.0 U	9.0 U	2.0 B	38.2 B	75,300	2.9 U	0.7 U	42.9 B	0.4 U	22,100	39.1	691.0	2,290 B	10.8 SN	1.2 U	81,400	13.9 B	4.4 B
		14-Jul-93 F	9.8 B		3.3 B	39.2 B	76,900		1.0 B	43.4 B		22,400	40.2	710.0	2,600 B	12.0 SN		82,900	14.9 B	5.0 B
		29-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	75,000	10.0 U	25.0 U	100.0 U	3.0 U	22,000	20.0	230.0	3,250 J	6.0	10.0 U	78,000	50 U	130.0
		29-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	75,000	13.0	25.0 U	139.0	3.0 U	22,000	20.0	240.0	3,320 J	7.0	10.0 U	78,000	50 U	140.0
		21-Mar-97 F	14.5 B	60.0 U	2.2 B	44.5 B	79,300	3.5 B	3.2 B	17.6 B	5.0 U	21,700	5.9 B	201.0	2,860 B	8.8	10.0 U	80,400	18.3 B	11.5 B
18_BGMW03C	242	17-Dec-92 F	31.0 U	13.0 B	2.3 B	42.7 B	84,200	3.7 U	0.9 U	31.2 B	0.6 U	24,500	13.8 B	75.0	2,490 B	39.0 B	2.1 U	80,300	19.2 B	2.7 B
		15-Jul-93 F	13.2 B	15.6 B	2.6 BW	45.4 B	84,500	2.8 U	2.4 B	49.7 B	0.4 U	24,700	6.6 B	38.9 B	2,820 B	14.4 SN	2.9 B	76,300	20.4 B	3.3 B
		12-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	97,000	10.0 U	25.0 U	100.0 U	3.0 U	29,000	15.0 U	67.0	3,640 J	7.0	10.0 U	84,000	50 U	20.0 U
		12-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	99,000	10.0 U	25.0 U	100.0 U	3.0 U	29,000	15.0 U	69.0	3,610 J	9.0	10.0 U	85,000	50 U	20.0 U
		21-Mar-97 F	13.4 B	60.0 U	10.0 U	49.5 B	87,700	3.9 B	3.3 B	14.7 B	5.0 U	24,100	3.9 B	31.1 B	2,900 B	12.7	10.0 U	74,000	19.3 B	5.3 B
18_BGMW03E	164	17-Dec-92 F	31.0 U	17.5 B	0.8 B	33.7 B	135,000	3.7 U	1.0 B	20.7 B	0.6 U	34,700	27.0	155.0	7,120	41.9 B	2.2 B	82,800	12.4 B	2.4 B
		15-Jul-93 F	30.8 B	18.2 B	1.2 BW	33.0 B	136,000	2.8 U	2.8 B	40.6 B	0.4 U	34,100	22.7	171.0	5,970	13.9 SN	2.9 B	76,700	10.8 B	2.8 B
		5-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	138,000	10.0 U	25.0 U	100.0 U	3.0 U	34,000	15.0	140.0	5,190	10.0	10.0 U	88,000	50 U	20.0 U
		5-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	135,000	27.0	25.0 U	370.0	3.0 U	34,000	18.0	150.0	5,240	12.0	10.0 U	87,000	50 U	20.0 U
		18-Mar-97 * F	200.0 U	60.0 U	10.0 U	55.2 B	125,000	8.3 B	6.6 B	46.7 B	1.5 B	29,600	17.7	557.0	6,100	13.2	10.0 U	87,600	8.3 B	7.9 B
		18-Mar-97 * UF	200.0 U	60.0 U	10.0 U	54.8 B	126,000	7.6 B	5.0 B	46.7 B	5.0 U	29,600	16.7	558.0	6,150	11.2	10.0 U	87,600	8.4 B	10.1 B
18_BGMW04A	306	30-Sep-92 F	31.0 U	12.1 U	2.0 BW	37.2 B	76,900	3.7 U	1.8 B	23.0 B	0.6 U	20,400	19.7	110.0	2,190 B	4.1 B	2.1 U	102,000	15.2 B	6.4 B
		16-Jul-93 F	12.7 B	9.1 B	1.8 B	34.9 B	79,300	2.9 U	0.7 U	16.1 B	0.4 U	20,700	10.9 B	217.0	2,950 B	6.1 S	1.2 U	93,600	19.8 B	4.3 B
		28-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	81,000	10.0 U	25.0 U	100.0 U	3.0 U	22,000	69.0	510.0	3,390 J	5.0 U	10.0 U	91,000	50 U	675.0
		28-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	82,000	47.0	25.0 U	490.0	3.0 U	22,000	71.0	510.0	3,350 J	5.0 U	10.0 U	92,000	50 U	712.0
		17-Mar-97 F	15.7 B	60.0 U	2.7 B	38.7 B	81,100	3.4 B	2.8 B	24.9 B	5.0 U	21,000	7.0 B	223.0	3,300 B	5.1	10.0 U	93,900	17.4 B	11.5 B
		17-Mar-97 UF	19.1 B	60.0 U	2.5 B	36.4 B	68,400	4.5 B	4.6 B	24.4 B	5.0 U	17,500	6.9 B	196.0	2,920 B	6.4	10.0 U	78,900	16.1 B	10.2 B
18_BGMW04B	210	29-Sep-92 F	31.0 U	17.5 B	2.9 B	53.4 B	86,000	4.0 B	0.9 U	6.6 B	0.6 U	22,800	5.4 B	18.9 B	2,330 B	6.7 S	2.1 U	97,700	20.6 B	2.2 U
		13-Jul-93 F	10.1 B	9.4 B	3.2 B	57.6 B	93,900	5.2 B	0.7 U	57.6 B	0.4 U	25,300	7.0 B	95.2	2,520 B	5.8 N	1.2 U	99,300	19.2 B	5.2 B
		13-Jul-93 F	28.3 B	9.0 U	3.0 B	57.4 B	94,100	3.4 B	4.2 B	59.9 B	0.4 U	25,500	7.2 B	86.2	2,710 B	6.5 N	1.2 U	101,000	18.7 B	5.2 B
		19-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	115,000	10.0 U	25.0 U	100.0 U	3.0 U	31,000	48.0	52.0	2,420 J	5.0	10.0 U	106,000	50 U	20.0 U
		19-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	114,000	160.0	25.0 U	1400.0	3.0 U	31,000	33.0	61.0	2,410 J	6.0	10.0 U	106,000	50 U	20.0 U
		19-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	116,000	150.0	25.0 U	1600.0	3.0 U	31,000	41.0	67.0	2,430 J	6.0	10.0 U	108,000	50 U	20.0 U
		19-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	113,000	10.0 U	25.0 U	100.0 U	3.0 U	31,000	15.0 U	54.0	2,370 J	6.0	10.0 U	104,000	50 U	20.0 U
		18-Mar-97 F	55.1 B	60.0 U	2.2 B	69.4 B	108,000	5.5 B	11.4 B	85.6 B	1.9 B	27,900	2.2 B	42.0	3,070 B	6.9	10.0 U	94,900	18.2 B	14.7 B
		18-Mar-97 UF	200.0 U	60.0 U	10.0 U	69.6 B	109,000	5.8 B	5.7 B	19.9 B	1.3 B	27,400	2.2 B	41.3	3,010 B	6.0	10.0 U	92,400	18 B	6.4 B
18_BGMW05A	482	15-Dec-92 F	34.0 B	20.4 B	0.7 U	52.0 B	176,000	3.7 U	0.9 U	122.0	0.6 UW	93,100	423.0	7.7 U	9,320	35.5 B	2.1 U	798,000	2.7 B	2.2 U
		8-Jul-93 F	30.5 B	15.7 B	1.4 B	52.0 BE	173,000	2.9 U	0.8 B	79.3 B	0.4 UW	88,400	485.0	7.1 U	9,490	4.4 B	1.2 U	762,000	3.3 B	0.8 U
		26-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	125,000	10.0 U	25.0 U	147.0	4.0	66,000	300.0	40.0 U	35,000	5.0 U	10.0 U	587,000	50 U	20.0 U
		26-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	126,000	10.0 U	25.0 U	550.0	4.0	68,000	310.0	40.0 U	34,000	5.0 U	10.0 U	602,000	50 U	46.0
		26-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	119,000	10.0 U	25.0 U	124.0	3.0 U	65,000	300.0	40.0 U	36,000	5.0 U	10.0 U	566,000	50 U	20.0 U
		26-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	120,000	10.0 U	25.0 U	470.0	5.0	64,000	290.0	40.0 U	37,000	5.0 U	10.0 U	560,000	50 U	25.0
		27-Mar-97 F	102.0 B	2.8 U	1.8 U	54.0 B	161,000	0.4 U	10.2 B	302.0	1.3 U	87,100	229.0	7.0 B	16,900	2.7 U	1.1 U	582,000	1.4 U	13.9 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMW05B	341	11-Nov-92 F	31.0 U	12.1 U	2.0 B	42.0 B	84,500	12.0	1.3 B	10.1 B	0.6 U	17,300	24.8	88.3	2,710 B	11.7 SN	2.1 U	121,000	11.4 B	6.1 B
		8-Jul-93 F	23.9 B	19.7 B	1.7 B	34.4 BE	82,700	2.9 U	1.0 B	84.4 B	0.4 U	16,700	25.4	486.0	2,770 B	9.6 B	1.2 U	119,000	8.9 B	5.2 B
		29-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	95,000	10.0 U	25.0 U	100.0 U	3.0 U	19,000	15.0 U	55.0	3,490 J	13.0	10.0 U	103,000	50 U	87.0
		29-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	94,000	78.0	25.0 U	540.0	3.0 U	19,000	15.0 U	56.0	3,660 J	10.0	10.0 U	103,000	50 U	130.0
		19-Mar-97 F	200.0 U	60.0 U	2.8 B	42.6 B	86,700	4.3 B	3.8 B	25.7 B	5.0 U	16,600	10.0 B	202.0	3,270 B	12.8	10.0 U	106,000	8 B	7.2 B
		19-Mar-97 UF	200.0 U	60.0 U	10.0 U	44.0 B	88,700	2.9 B	4.8 B	22.1 B	5.0 U	17,000	6.0 B	202.0	3,390 B	12.2	10.0 U	109,000	8.6 B	7.4 B
18_BGMW05C	245	10-Nov-92 F	31.0 U	12.1 U	2.6 BW	61.2 B	90,500	3.7 U	1.5 B	5.9 B	0.6 U	18,200	2.0 B	54.8	2,600 B	12.3 B	2.1 U	113,000	12.0 B	13.9 B
		10-Nov-92 F	31.0 U	12.1 U	2.3 BW	62.7 B	91,100	3.7 U	0.9 U	4.1 B	0.6 U	18,300	2.0 B	48.9	2,650 B	10.3 B	2.1 U	113,000	12 B	27.5
		9-Jul-93 F	23.8 B	18.4 B	5.3 B	62.8 BE	93,800	4.2 B	0.8 B	29.9 B	0.4 U	17,500	4.1 B	74.1	2,640 B	14.5 S	1.2 U	106,000	14.3 B	5.4 B
		29-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	81,000	10.0 U	25.0 U	100.0 U	3.0 U	17,000	15.0 U	300.0	3,630 J	7.0	10.0 U	110,000	50 U	56.0
		29-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	83,000	3.7 U	25.0 U	100.0 U	3.0 U	18,000	15.0 U	300.0	3,480 J	9.0	10.0 U	112,000	50 U	54.0
		19-Mar-97 F	200.0 U	60.0 U	2.5 B	69.7 B	104,000	3.3 B	4.7 B	12.8 B	1.3 B	18,400	3.2 B	44.6	3,450 B	14.0	10.0 U	101,000	11.4 B	5.4 B
18_BGMW05D	133	3-Nov-92 F	31.0 U	12.1 U	0.7 U	123.0 BE	119,000		16.9 B	18.7 B	0.6 U	31,200	24.8	18.5 B	2,350 B	1.9 BW	2.1 U	139,000	16.9 B	151.0
		12-Jul-93 F	31.2 B	13.0 B	1.8 B	64.1 BE	135,000	2.9 U	0.7 U	113.0	0.4 U	34,000	14.7 B	330.0	2,500 B	3.5 U	1.2 U	146,000	16.2 B	1.9 B
		19-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	141,000	10.0 U	25.0 U	100.0 U	4.0	36,000	20.0	130.0	3,200 J	5.0 U	10.0 U	132,000	50 U	20.0 U
		19-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	139,000	43.0	25.0 U	390.0	5.0	38,000	14.0 J	160.0	3,320 J	5.0 U	10.0 U	141,000	50 U	20.0 U
		19-Mar-97 F	11.7 B	60.0 U	10.0 U	47.1 B	117,000	5.7 B	2.5 B	78.3 B	5.0 U	28,300	7.9 B	245.0	2,750 B	5.0 U	10.0 U	116,000	14.2 B	5.8 B
18_BGMW07	65	9-Dec-92 F	31.0 U	12.1 U	7.1 B	199.0 B	149,000	3.7 U	0.9 U	80.1 B	0.6 U	42,400	706.0	35.8 B	4,470 B	1.2 BW	2.1 U	155,000	20.4 B	2.2 U
		18-Jun-93 F	78.8 B	13.5 B	7.4 B	233.0	148,000	2.9 U	0.7 U	45.1 B	0.4 U	41,200	529.0	32.7 B	4,840 B	7.2 B	1.2 U	143,000	13.8 B	22.7
		9-Feb-96 F	200.0 U	60.0 U	10.0 U	332.0	211,000	10.0 U	25.0 U	100.0 U	3.0 U	55,000	669.0	40.0 U	5,590	5.0 U	10.0 U	188,000	50 U	20.0 U
		9-Feb-96 UF	200.0 U	60.0 U	10.0 U	312.0	198,000	10.0 U	25.0 U	100.0 U	3.0 U	52,000	641.0	40.0 U	5,180	5.0 U	10.0 U	172,000	50 U	20.0 U
		24-Mar-97 * F	200.0 U	60.0 U	4.0 B	241.0	133,000	1.7 B	21.6 B	27.5 B	1.3 B	36,600	344.0	31.4 B	5,570	5.0 B	10.0 U	126,000	9.8 B	9.1 B
18_BGMW12	205	9-Nov-92 F	31.0 U	19.2 B	0.7 U	43.2 B	190,000	3.7 U	0.9 U	2.3 U	0.6 U	140,000	163.0	14.3 B	5,860	108.0 S	2.1 U	157,000	8.0 B	49.0
		2-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	188,000	10.0 U	25.0 U	100.0 U	3.0 U	121,000	49.0	290.0	5,240	89.0	10.0 U	211,000	50 U	20.0 U
		20-Mar-97 * F	200.0 U	60.0 U	10.0 U	27.9 B	167,000	1.1 B	5.2 B	10.3 B	5.0 U	116,000	31.9	297.0	5,310	69.7	10.0 U	159,000	6.4 B	12.2 B
18_BGMW14	115	20-Oct-92 F	31.0 U	12.1 U	0.9 BW	109.0 B	118,000	3.7 U	2.0 B	28.3 B	0.6 U	27,000	5.2 B	17.0 B	1,360 B	2.5 UN	2.1 U	101,000	14.4 B	4.4 B
		19-Oct-93 F	30.8 B*	17.7 B	1.1 B	113.0 B	141,000	5.6 B	4.3 B	200.0	0.5 U	31,400	31.3	590.0	1,610 B	3.5 U	1.8 U	111,000	10.7 B	4.0 B*
		16-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	208,000	10.0 U	25.0 U	100.0 U	4.0	50,000	58.0	650.0	3,120 J	5.0 U	10.0 U	153,000	50 U	20.0 U
		16-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	198,000	79.0	25.0 U	610.0	3.0	48,000	54.0	620.0	2,960 J	5.0 U	10.0 U	146,000	50 U	20.0 U
		18-Mar-97 F	200.0 U	60.0 U	10.0 U	135.0 B	170,000	10.9	17.7 B	139.0	1.9 B	37,100	22.4	514.0	2,480 B	5.0 U	10.0 U	112,000	7.4 B	9.9 B
		18-Mar-97 F	8.3 B	60.0 U	10.0 U	136.0 B	169,000	10.4	5.7 B	130.0	5.0 U	37,500	19.9	504.0	2,530 B	5.2	10.0 U	113,000	7.7 B	10.4 B
18_BGMW15	215	30-Oct-92 F	31.0 U	12.1 U	0.7 U	41.1 BE	279,000	3.7 U	0.9 U	2.3 U	0.6 U	90,200	175.0	7.7 U	5,250	82.1 N	2.1 U	152,000	5.8 B	3.2 B
		9-Jul-93 F	41.1 B	27.2 B	3.7 B	40.3 BE	386,000	2.9 U	1.9 B	8.2 U	0.4 U	121,000	151.0	8.4 B	4,860 B	157.0	1.2 U	158,000	6.9 B	1.4 B
		2-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	321,000	10.0 U	25.0 U	100.0 U	3.0 U	115,000	19.0	40.0 U	3,570 J	151.0	10.0 U	159,000	50 U	20.0 U
		2-Feb-96 UF	349.0	60.0 U	10.0 U	200.0 U	315,000	20.0	25.0 U	1500.0	3.0 U	112,000	61.0	40.0 U	3,630 J	138.0	10.0 U	158,000	50 U	34.0
		19-Mar-97 * F	200.0 U	60.0 U	10.0 U	29.8 B	339,000	4.6 B	8.1 B	100.0 U	5.0 U	113,000	1.0 B	3.0 B	3,670 B	104.0	10.0 U	137,000	6.5 B	7.6 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMW16	263	23-Oct-92	F	31.0 U	14.1 B	1.9 B	18.0 B	108,000	3.7 U	1.8 B	2.3 U	0.6 U	52,900	6.5 B	7.7 U	3,020 B	29.4 N	2.1 U	119,000	15.0 B	3.0 B
		23-Oct-92	F	31.0 U	12.1 U	1.5 B	18.2 B	108,000	3.7 U	1.2 B	4.7 B	0.6 U	52,500	4.5 B	7.7 U	2,990 B	30.8 N	2.1 U	118,000	15.4 B	2.8 B
		19-Jul-93	F	31.9 B	18.2 B	2.6 B	19.7 B	98,200	4.4 B	2.8 B	51.5 B	0.4 U	49,700	10.5 B	52.9	2,940 B	24.4 B	1.2 U	113,000	14.7 B	6.1 B
		19-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	109,000	10.0 U	25.0 U	430.0	3.0	56,000	67.0	260.0	2,560 J	26.0	10.0 U	117,000	50 U	20.0 U
		19-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	112,000	58.0	25.0 U	830.0	3.0 U	56,000	42.0	200.0	2,640 J	27.0	10.0 U	118,000	50 U	20.0 U
		26-Mar-97	F	25.1 B	60.0 U	3.4 B	25.3 B	130,000	3.1 B	7.7 B	7.9 B	1.5 B	65,000	15.6	81.6	3,990 B	59.2	10.0 U	126,000	12.4 B	18.9 B
18_BGMW17	255	22-Oct-92	F	31.0 U	15.6 B	3.9 B	67.9 B	120,000	3.7 U	0.9 U	38.4 B	0.6 U	35,000	17.3	58.3	2,630 B	10.3 S	2.1 U	106,000	12.6 B	2.2 U
		12-Jul-93	F	25.3 B	16.4 B	4.0 B	62.8 BE	118,000	3.5 B	0.7 U	149.0	0.4 U	33,800	15.7	264.0	2,740 B	10.8 B	1.2 U	102,000	10.4 B	0.8 U
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	124,000	10.0 U	25.0 U	200.0	4.0	37,000	15.0	220.0	2,690 J	13.0	10.0 U	106,000	50 U	20.0 U
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	123,000	50.0	25.0 U	760.0	3.0 U	37,000	25.0	220.0	2,660 J	12.0	10.0 U	105,000	50 U	20.0 U
		14-Mar-97	F	200.0 U	60.0 U	4.0 B	59.5 B	110,000	3.0 B	8.0 B	102.0	5.0 U	31,800	8.9 B	221.0	3,320 B	10.9	10.0 U	102,000	7.6 B	5.9 B
18_BGMW18	180	10-Nov-92	F	31.0 U	17.9 B	2.3 B	32.1 B	98,500	3.7 U	0.9 U	3.6 B	0.6 U	62,700	7.2 B	22.4 B	4,340 B	11.9 B	2.1 U	150,000	13.0 B	2.2 U
		16-Jul-93	F	15.2 B	21.1 B	2.8 B	26.5 B	101,000	3.8 B	1.5 B	8.2 U	0.4 UW	61,600	5.0 B	48.9	4,100 B	13.7 B	1.2 U	142,000	13.2 B	0.9 B
		5-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	98,000	10.0 U	25.0 U	100.0 U	3.0 U	64,000	15.0 U	77.0	3,050 J	12.0	10.0 U	153,000	50 U	20.0 U
		5-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	99,000	10.0 U	25.0 U	100.0 U	3.0 U	64,000	15.0 U	78.0	3,200 J	16.0	10.0 U	154,000	50 U	20.0 U
18_BGMW19A	468	22-Dec-92	F	39.4 U	10.7 U	3.0 B	39.0 B	96,800	4.1 B	2.3 U	29.1 B	1.4 U	32,800	13.0 B	22.2 B	3,640 B	3.8 BW	2.0 U	107,000	16.9 B	16.8 B
		9-Jun-93	F	16.8 B	12.0 B	2.6 BW	40.0 B	103,000	2.9 U	0.7 U	8.2 U	0.4 U	33,900	34.5	7.1 B	3,670 B	8.2 BN	1.2 U	105,000	19.9 B	3.7 B
		1-Mar-96	F	200.0 U	60.0 U	10.0 U	200.0 U	104,000	10.0 U	25.0 U	100.0 U	3.0 U	36,000	15.0 U	40.0 U	3,820 J	5.0 U	10.0 U	101,000	50 U	51.0
		1-Mar-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	98,000	10.0 U	25.0 U	100.0 U	3.0 U	35,000	15.0 U	40.0 U	3,740 J	5.0 U	10.0 U	97,000	50 U	59.0
		10-Mar-97	F	13.1 B	60.0 U	2.5 B	37.0 B	103,000	2.6 B	2.9 B	100.0 U	5.0 U	33,000	1.2 B	23.6 B	3,600 B	9.1	10.0 U	99,200	17.4 B	7.9 B
18_BGMW19B	420	17-Dec-92	F	31.0 U	19.1 B	122.0 W	37.4 B	93,200	3.7 U	6.9 B	48.4 B	0.6 U	31,000	64.9	45.2	3,370 B	13.8	2.2 B	102,000	18.6 B	96.1
		11-Jun-93	F	22000	9.0 U	8.8 B	241.0 E	119,000	176.0	29.0	29700.0	11.7	45,000	468.0	314.0	10,200	19.8 BN	1.8 B	111,000	96.9	4350.0
		11-Mar-96	F	200.0 U	60.0 U	10.0 U	200.0 U	87,000	10.0 U	25.0 U	100.0 U	3.0 U	32,000	70.0	150.0	3,560 J	10.0	10.0 U	98,000	50 U	390.0
		11-Mar-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	93,000	10.0 U	25.0 U	194.0	3.0 U	33,000	76.0	160.0	3,650 J	9.0	10.0 U	101,000	50 U	437.0
		10-Mar-97	F	200.0 U	60.0 U	2.2 B	33.9 B	89,500	3.2 B	2.5 B	14.7 B	5.0 U	28,600	3.4 B	77.8	3,240 B	13.7	10.0 U	91,700	19.1 B	9.0 B
18_BGMW19C	277	24-Sep-92	F	22.2 U	17.2 B	3.8 B	37.0 BE	133,000	5.0 B	3.0 B	41.4 B	1.4 U	52,500	10.8 B	19.4 B	5,670	53.6 S	1.5 B	141,000	22.3 B	13.4 B
		24-Sep-92	F	25.4 B	15.9 B	3.6 B	37.3 BE	136,000	7.2 B	2.7 B	45.7 B	1.4 U	52,900	10.9 B	25.1 B	5,140	51.4 +	1.5 U	141,000	25.4 B	40.3
		28-Jun-93	F	20.3 B	21.6 B	2.3 B	32.5 B	147,000	3.4 B	0.8 B	24.8 B	0.4 U	56,600	5.5 B	30.3 B	4,360 B	47.1 N	1.3 B	142,000	24.7 B	4.0 B
		29-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	162,000	10.0 U	25.0 U	100.0 U	3.0 U	66,000	15.0 U	260.0	5,450	53.0	10.0 U	147,000	50 U	474.0
		29-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	161,000	18.0	25.0 U	177.0	3.0 U	66,000	15.0 U	260.0	5,470	57.0	10.0 U	149,000	50 U	488.0
		10-Mar-97	F	22.1 B	60.0 U	3.2 B	36.2 B	169,000	5.4 B	2.4 B	22.1 B	5.0 U	63,600	4.3 B	66.9	5,530	59.5	10.0 U	143,000	20.2 B	4.3 B
18_BGMW19D	170	25-Sep-92	F	31.0 U	14.4 B	1.5 B	18.8 B	227,000	3.7 U	0.9 U	2.3 U	0.6 U	108,000	1.9 B	7.7 U	3,200 B	24.8 SN	2.1 U	190,000	23.8 B	3.4 B
		14-Jun-93	F	62.0 B	23.8 B	2.5 B	21.0 BE	209,000	2.9 U	0.7 U	8.2 U	0.4 U	98,800	1.3 B	7.1 U	3,550 B	27.2 B	1.2 U	174,000	22.9 B	10.9 B
		16-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	292,000	10.0 U	25.0 U	100.0 U	5.0	159,000	15.0 U	40.0 U	5,770	12.0	10.0 U	246,000	50 U	51.0
		16-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	294,000	10.0 U	25.0 U	100.0 U	6.0	156,000	15.0 U	40.0 U	5,810	12.0	10.0 U	244,000	50 U	51.0
		10-Mar-97	F	9.8 B	60.0 U	3.1 B	18.5 B	235,000	3.2 B	3.3 B	100.0 U	5.0 U	112,000	15.0 U	40.0 U	4,690 B	45.6	10.0 U	178,000	19.3 B	6.6 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_BGMW19E	138	12-Nov-92 F	31.0 U	15.1 B	0.7 U	46.9 B	197,000	3.7 U	1.1 B	2.3 U	0.6 U	89,300	9.9 B	9.0 B	5,230	18.6 SN	2.1 U	229,000	15.7 B	9.1 B
		14-Jun-93 F	56.9 B	23.8 B	2.0 B	44.0 BE	197,000	2.9 U	1.9 B	12.9 B	0.4 U	91,200	8.7 B	7.1 U	5,400	21.6 B	1.2 U	213,000	10.7 B	14.0 B
		14-Jun-93 F	123.0 B	27.0 B	2.3 B	45.8 BE	201,000		2.7 B	256.0	3.0	93,600	13.3 B	11.0 B	5,450	21.8 B		216,000	10.9 B	15.4 B
		6-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	193,000	14.0	25.0 U	100.0 U	6.0	84,000	46.0	40.0 U	4,740 J	14.0	10.0 U	263,000	50 U	20.0 U
		6-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	190,000	14.0	25.0 U	300.0		83,000	65.0	40.0 U	4,620 J	12.0	10.0 U	258,000	50 U	29.0
		20-Mar-97 * F	200.0 U	60.0 U	10.0 U	31.4 B	200,000	3.5 B	9.3 B	23.3 B	5.0 U	76,200	5.0 B	114.0	5,480	18.0	10.0 U	217,000	6.2 B	10.8 B
18_BGMW22	287	9-Dec-92 F	31.0 U	17.4 B	6.5 B	52.0 B	57,100	3.7 U	1.2 B	8.6 B	0.6 U	37,300	6.4 B	66.4	2,890 B	2.6 BN*	2.1 U	181,000	32.7 B	2.2 U
		28-Jun-93 F	7.8 B	9.2 B	5.7 B	50.1 B	49,900	2.9 U	0.7 U	198.0	0.4 U	32,900	30.1	239.0	3,250 B	5.9 BN	1.2 U	188,000	30.2 B	2.4 B
		22-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	48,000	10.0 U	25.0 U	100.0 U	3.0 U	30,000	19.0	350.0	2,620 J	5.0 U	10.0 U	208,000	50 U	20.0 U
		22-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	48,000	35.0	25.0 U	1000.0	3.0 U	30,000	26.0	380.0	2,650 J	5.0 U	10.0 U	206,000	50 U	20.0 U
		20-Mar-97 F	200.0 U	60.0 U	7.2 B	47.9 B	53,200	1.0 B	3.0 B	28.8 B	5.0 U	31,500	10.6 B	315.0	4,420 B	2.8 B	10.0 U	193,000	30.6 B	5.4 B
18_BGMW23	104	10-Dec-92 F	31.0 U	12.1 U	0.7 U	52.7 B	103,000	3.7 U	0.9 U	40.8 B	0.6 U	25,700	2.7 B	7.7 U	2,390 B	6.6	2.1 U	147,000	10.8 B	4.9 B
		22-Jun-93 F	12.0 B	9.0 U	0.6 B	50.5 BE	99,300	2.9 U	0.7 U	37.2 B	0.4 U	25,000	2.5 B	10.0 B	2,340 B	8.6 BN*	1.2 U	147,000	9.7 B	2.0 B
		19-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	106,000	10.0 U	25.0 U	100.0 U	5.0	28,000	15.0 U	40.0 U	3,360 J	5.0 U	10.0 U	153,000	50 U	20.0 U
		19-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	107,000	41.0	25.0 U	610.0	5.0	29,000	17.0	40.0 U	3,510 J	5.0 U	10.0 U	158,000	50 U	20.0 U
		18-Mar-97 F	200.0 U	60.0 U	10.0 U	56.6 B	114,000	4.0 B	4.2 B	29.7 B	5.0 U	28,200	4.9 B	37.0 B	3,480 B	7.3	10.0 U	145,000	9.5 B	5.8 B
		18-Mar-97 UF	200.0 U	60.0 U	2.7 B	56.5 B	116,000	3.3 B	3.3 B	16.3 B	1.4 B	28,900	3.2 B	35.6 B	3,620 B	6.3	10.0 U	147,000	9.6 B	4.4 B
18_BGMW24	71	12-Nov-92 F	31.0 U	12.1 U	3.0 B	24.9 B	75,500	3.7 U	1.8 B	3.5 B	0.6 U	42,700	26.3	7.7 U	5,370	34.2 SN	2.1 U	93,200	9.8 B	2.7 B
		9-Jul-93 F	28.4 B	10.9 B	4.0 B	26.4 BE	96,800	2.9 U	1.8 B	29.7 B	0.4 U	36,300	2.7 B	17.4 B	2,930 B	31.2	1.2 U	71,900	13.2 B	4.7 B
		7-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	87,000	10.0 U	25.0 U	100.0 U	3.0 U	45,000	15.0 U	40.0 U	2,980 J	39.0	10.0 U	79,000	50 U	20.0 U
		7-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	79,000	20.0	25.0 U	780.0	3.0 U	40,000	15.0 U	40.0 U	2,800 J	39.0	10.0 U	73,000	50 U	20.0 U
		25-Mar-97 * F	10.3 B	60.0 U	3.4 B	41.6 B	96,800	2.0 B	5.5 B	21.7 B	5.0 U	48,700	2.2 B	6.3 B	3,800 B	53.4	10.0 U	85,700	12.8 B	5.0 B
18_BGMW101	130	13-Nov-92 F	31.0 U	25.1 B	0.7 U	24.9 B	207,000	3.7 U	1.8 B	2.3 U	0.6 U	55,000	23.3	114.0	2,790 B	25.7 SN	2.1 U	157,000	21.2 B	4.4 B
		19-Jul-93 F	31.6 B	11.0 B	1.4 B	24.6 B	207,000	7.7 B	0.7 U	156.0	0.4 U	54,700	13.3 B	184.0	3,070 B	26.2	1.2 U	155,000	21.1 B	1.6 B
		29-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	231,000	10.0 U	25.0 U	240.0	3.0 U	62,000	20.0	120.0	3,180 J	33.0	10.0 U	182,000	50 U	20.0 U
		29-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	232,000	356.0	25.0 U	3410.0	3.0 U	62,000	28.0	130.0	3,240 J	38.0	10.0 U	184,000	50 U	20.0 U
		18-Mar-97 F	200.0 U	60.0 U	10.0 U	28.3 B	205,000	4.9 B	31.3	44.4 B	2.8 B	52,600	9.6 B	62.2	3,690 B	29.9	10.0 U	165,000	18.2 B	23.2
		18-Mar-97 UF	200.0 U	60.0 U	2.1 B	28.1 B	211,000	4.9 B	4.9 B	36.5 B	1.4 B	54,200	8.1 B	63.7	3,850 B	28.0	10.0 U	170,000	18.4 B	5.1 B
18_DW135	135	20-Jan-89 NA					230,000		9.0 U	1000.0		140,000	42.0		3,200	64.0		180,000		430.0
		22-Dec-92 F	39.4 U	10.7 U	1.8 B	22.2 B	229,000	2.9 U	2.3 U	35.8 B	1.4 U	119,000	10.2 B	5.3 U	2,500 B	113.0 S	2.0 U	211,000	13.8 B	108.0
		22-Dec-92 F	39.4 U	10.7 U	1.3 B	21.8 B	226,000	3.3 B	2.3 U	43.4 B	1.4 U	119,000	10.6 B	5.3 U	2,470 B	147.0 S	2.0 U	210,000	14.9 B	94.5
		19-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	311,000	10.0 U	25.0 U	100.0 U	7.0	154,000	15.0 U	40.0 U	4,440 J	116.0	10.0 U	195,000	50 U	27.0
		19-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	318,000	29.0	25.0 U	320.0	9.0	157,000	15.0 U	40.0 U	4,610 J	129.0	10.0 U	199,000	50 U	37.0
		7-Mar-97 F	200.0 U	60.0 U	2.5 B	19.1 B	289,000	3.5 B	7.1 B	100.0 U	5.0 U	132,000	3.2 B	1.8 B	4,210 B	107.0	10.0 U	166,000	15.5 B	14.6 B
18_DW250	250	20-Jan-89 NA					61,000		9.0 U	8100.0		29,000	50.0		3,100	4.0		90,000		890.0
		21-Dec-92 F	31.0 U	12.1 U	2.7 B	32.7 BE	90,700	3.7 U	0.9 U	31.2 B	0.6 U	26,200	21.5	7.7 U	2,530 B	17.9 SN	2.1 U	91,800	25.4 B	10.8 B
		6-Jul-93 F	22.9 B	25.2 B	2.6 B	34.4 B	103,000	2.9 U	1.4 B	56.6 B	0.4 U	29,900	38.6	7.1 U	2,920 B	25.0 N	1.6 B	97,000	25.5 B	7.5 B
		31-Jan-96 F	200.0 U	60.0 U	10.0 U	200.0 U	94,000	10.0 U	25.0 U	630.0	3.0 U	28,000	130.0	40.0 U	2,740 J	20.0	10.0 U	91,000	50 U	20.0 U
		31-Jan-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	93,000	10.0 U	25.0 U	1400.0	4.0	27,000	140.0	40.0 U	2,740 J	15.0	10.0 U	91,000	50 U	20.0 U
		7-Mar-97 F	200.0 U	60.0 U	3.6 B	35.0 B	98,300	3.4 B	6.4 B	10.0 B	5.0 U	27,100	24.7	1.3 B	3,230 B	21.0	10.0 U	90,600	24.8 B	10.3 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_DW350	350	20-Jan-89	NA					76,000		23.0	5600.0		24,000	150.0		2,900	3.0		85,000		240.0
		11-Jan-93	F	35.5 B	15.6 B	0.8 B	34.6 B	85,900	3.7 U	3.0 B	174.0	0.6 U	27,900	52.3	7.7 U	2,630 B	10.2 SN	2.1 U	91,600	13.2 B	3.8 B
		15-Jun-93	F	9.8 B	15.6 B	2.1 B	32.3 BE	81,500	2.9 U	1.2 B	103.0	0.4 U	25,700	14.1 B	7.1 U	2,580 B	18.4 B	1.3 B	87,400	19.4 B	6.4 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	95,000	10.0 U	25.0 U	134.0	3.0 U	30,000	91.0	40.0 U	2,760 J	17.0	10.0 U	97,000	50 U	20.0 U
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	96,000	16.0	25.0 U	6340.0	3.0 U	30,000	150.0	40.0 U	2,720 J	17.0	10.0 U	96,000	50 U	20.0 U
		6-Mar-97	F	200.0 U	60.0 U	10.0 U	38.8 B	101,000	0.6 B	4.7 B	166.0	5.0 U	31,200	39.1	40.0 U	3,530 B	15.1	10.0 U	98,100	14.9 B	22.8
18_DW450	450	20-Jan-89	NA					84,000		9.0 U	2200.0		26,000	47.0		2,800	4.0		90,000		220.0
		12-Jan-93	F	31.0 U	12.1 U	1.2 B	33.7 B	87,100	3.7 U	2.0 B	323.0	0.6 U	27,300	68.7	7.7 U	2,130 B	11.3 SN	2.1 U	87,200	13.7 B	2.2 U
		30-Jun-93	F	15.3 B	11.4 B	2.2 B	32.0 B	85,400	2.9 U	0.7 U	91.2 B	0.4 U	26,300	27.8	7.1 U	2,510 B	11.1 SN	1.2 U	85,200	13.1 B	4.6 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	110,000	10.0 U	25.0 U	136.0	3.0 U	35,000	Y	40.0 U	3,070 J	14.0	10.0 U	101,000	50 U	20.0 U
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	111,000	10.0 U	25.0 U	900.0	5.0	35,000	98.0	40.0 U	3,110 J	20.0	10.0 U	102,000	50 U	20.0 U
		6-Mar-97	F	200.0 U	60.0 U	10.0 U	43.6 B	119,000	10.0 U	3.8 B	341.0	5.0 U	35,700	64.3	40.0 U	3,350 B	8.0	10.0 U	100,000	11.2 B	4.5 B
18_DW540	540	21-Jan-89	NA					80,000		9.0 U	470.0		28,000	14.0 U		2,500	4.0		98,000		780.0
		13-Jan-93	F	187.0 B	13.2 B	0.7 U	32.6 B	84,200	3.7 U	11.6 B	385.0	0.6 U	27,400	117.0	7.7 U	2,360 B	6.7 N	2.1 U	91,500	7.1 B	3.8 B
		1-Jul-93	F	7.0 U	14.3 B	2.9 BN	29.9 BE	82,200	2.9 U	0.7 U	91.2 B	0.4 U	26,400	62.3	8.1 B	2,460 B	9.9 SN	1.2 U	83,900	11.0 B	5.0 B
		30-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	89,000	10.0 U	25.0 U	191.0	3.0 U	29,000	160.0	40.0 U	2,290 J	7.0	10.0 U	88,000	50 U	20.0 U
		30-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	87,000	10.0 U	25.0 U	1600.0	3.0 U	28,000	160.0	40.0 U	2,150 J	12.0	10.0 U	84,000	50 U	20.0 U
		6-Mar-97	F	46.1 B	60.0 U	10.0 U	29.9 B	80,700	10.0 U	2.0 B	112.0	5.0 U	25,900	53.6	2.4 B	2,540 B	7.6	10.0 U	81,900	7.3 B	11.4 B
18MCAS01-1	70	6-Feb-89	NA	22.0		9.1	86.0		3.8	15.0	14.0	4.0	48,000	31.0		2,200	5.0 U	0.1 U	287,000		90.0
		19-Oct-89	NA	46.0		33.0	57.0	163,000	21.0	3.4	91.0	1.0 U	42,000	1.7		100 U	7.1	0.2	302,000		344.0
		14-May-90	NA					164,000					40,000			1,600			284,000		
		11-Nov-90	NA					137,000					28,000			1,200			248,000		
		17-Jul-91	NA	1.5		5.0 U	23.0	137,000	1.0 U	23.0	2.1	1.0 U	24,000	1.0 U		1,300	5.0 U	1.0 U	261,000		50.0 U
		22-Sep-92	F					39,000					32,000			1,300			311,000		
		23-Nov-93	F	28.7 B	14.1 B	4.3 B	25.6 B	131,000	2.2 U	1.3 U	7.3 U	0.3 U	33,900	0.8 U	9.1 U	1,410 B	5.8 BN	1.8 U	255,000	28.4 B	3.9 U
		23-Nov-93	F	30.5 B	17.7 B		25.8 B	133,000			8.1 B		34,300	1.0 B		1,520 B	9.4 BN		259,000	29.8 B	4.0 B
		24-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	169,000	10.0 U	25.0 U	100.0 U	3.0 U	41,000	15.0 U	40.0 U	1,210 J	8.0	10.0 U	284,000	50 U	20.0 U
		24-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	173,000	10.0 U	25.0 U	100.0 U	3.0 U	41,000	15.0 U	40.0 U	1,210 J	8.0	10.0 U	285,000	50 U	24.0
		19-Mar-97	F	11.6 B	60.0 U	2.7 B	34.8 B	171,000	4.7 B	6.8 B	45.1 B	1.4 B	41,200	1.8 B	3.0 B	2,210 B	8.5	10.0 U	253,000	24.8 B	18.6 B
18MCAS01-2	160	6-Feb-89	NA	23.0		14.0	92.0	340,000	1.0 U	1.0 U	7.9	1.0 U	106,000	15.0		3,600	15.0	0.1 U	158,000		50.0 U
		19-Oct-89	NA	82.0		42.0	76.0	357,000	109.0	7.1	1500.0	1.0 U	99,000	43.0		1,500	33.0	0.1	200,000		114.0
		17-May-90	NA					363,000					111,000			3,400			185,000		
		11-Nov-90	NA					371,000					60,000			3,300			190,000		
		21-Mar-91	NA	1.0 U		5.0 U	36.0	365,000	30.0	13.0	1.0 U	1.0 U	92,000	4.6		3,200	27.0	11.0	170,000		50.0 U
		17-Jul-91	NA	1.0 U		5.0 U	43.0	387,000	1.0 U	21.0	2.0	1.0 U	79,000	13.0		3,700	36.0	1.0 U	188,000		70.0
		22-Sep-92	F					360,000	2.2 U				100,000			3,300			190,000		
		24-Nov-93	F	36.9 B	17.8 B	1.1 B	38.3 B	365,000		1.3 U	7.3 U	0.3 U	97,600	3.0 B	23.3 B	3,160 B	66.0 N	1.8 U	165,000	16.9 B	5.3 B
		24-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	436,000	10.0 U	25.0 U	100.0 U	3.0 U	107,000	15.0 U	40.0 U	3,150 J	50.0	10.0 U	176,000	50 U	20.0 U
		24-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	441,000	14.0	25.0 U	100.0 U	3.0 U	107,000	15.0 U	40.0 U	3,130 J	60.0	10.0 U	175,000	50 U	30.0
		19-Mar-97	F	200.0 U	60.0 U	10.0 U	44.2 B	396,000	4.3 B	6.6 B	100.0 U	2.1 B	99,800	6.9 B	53.9	4,800 B	67.8	10.0 U	170,000	13 B	20.4

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS01-3	220	6-Feb-89	NA	11.0		5.0 U	79.0	180,000	1.0 U	1.4	16.0		49,000	85.0		3,700		0.1 U	172,000		52.0
		19-Oct-89	NA	123.0		27.0	167.0	191,000	443.0	177.0	11.0	1.0 U	46,000	120.0		1,500	10.0	0.2	200,000		
		17-May-90	NA					206,000					50,000			3,400			161,000		
		11-Nov-90	NA					209,000					43,000			3,500			188,000		
		21-Mar-91	NA	3.4		5.0 U	52.0	197,000	18.0	24.0	22.0	1.0 U	44,000	6.6		3,900	15.0	1.8	174,000		100.0
		17-Jul-91	NA	1.0 U		5.0 U	66.0	202,000	1.0 U	19.0	1.9	1.0 U	35,000	14.0		4,200	5.6	1.0 U	183,000		130.0
		22-Sep-92	F					186,000					46,000			3,700			180,000		
		18-Jan-95	F	200.0 U	60.0 U	10.0 U	200.0 U	211,000	10.0 U	25.0 U	100.0 U	3.0 U	53,000	15.0 U	350.0	3,440 J	17.0	10.0 U	183,000	50 U	20.0 U
		18-Jan-95	UF	200.0 U	60.0 U	10.0 U	200.0 U	204,000	150.0	25.0 U	1500.0	3.0 U	51,000	15.0 U	350.0	3,290 J	18.0	10.0 U	177,000	50 U	43.0
		19-Mar-97	F	200.0 U	60.0 U	10.0 U	56.2 B	197,000	3.2 B	5.5 B	100.0 U	1.8 B	45,200	2.9 B	152.0	5,040	15.9	10.0 U	161,000	10.7 B	76.1
18MCAS01-4	280	7-Feb-89	NA	57.0		5.0 U	112.0	154,000	16.0	5.5	270.0	1.0 U	43,000	150.0		4,700	5.1	0.1 U	148,000		50.0 U
		19-Oct-89	NA	178.0		5.0 U	121.0	178,000	131.0	7.3	2270.0	1.0 U	47,000	57.0		1,500	8.4	0.2	165,000		50.0 U
		17-May-90	NA					196,000					49,000			3,700			161,000		
		11-Nov-90	NA					182,000					38,000			2,400			198,000		
		21-Mar-91	NA	1.0 U		5.0 U	43.0	172,000	18.0	23.0	1.0 U	1.0 U	40,000	36.0		4,000	9.7	1.0 U	165,000		50.0 U
		17-Jul-91	NA	6.6		5.0 U	62.0	167,000	1.0 U	21.0	15.0	1.0 U	36,000	32.0		3,900	5.0 U	1.0	160,000		61.0
		22-Sep-92	F					157,000					39,000			3,800			160,000		
		24-Nov-93	F	27.4 B	15.8 B	1.2 B	66.3 B	197,000	2.2 U	1.3 U	57.6 B	0.3 U	49,200	20.1	225.0	3,540 B	18.0 BN	1.8 U	176,000	11.9 B	10.2 B
		29-Nov-93	F	29.4 B	12.8 U	1.7 B	62.7 B	154,000	2.2 U	1.3 U	11.5 B	0.3 U	40,000	4.4 B	192.0	3,680 B	7.6 BN	1.9 B	151,000	12.0 B	7.4 B
		18-Jan-95	F	200.0 U	60.0 U	10.0 U	200.0 U	160,000	10.0 U	25.0 U	100.0 U	3.0 U	41,000	17.0	110.0	3,340 J	7.0	10.0 U	155,000	50 U	20.0 U
		18-Jan-95	UF	200.0 U	60.0 U	10.0 U	200.0 U	158,000	10.0 U	25.0 U	100.0 U	3.0 U	40,000	20.0	120.0	3,340 J	9.0	10.0 U	152,000	50 U	44.0
		19-Mar-97	F	200.0 U	60.0 U	2.6 B	54.9 B	146,000	4.6 B	4.3 B	100.0 U	5.0 U	34,700	15.1	59.6	4,420 B	7.4	10.0 U	128,000	9.8 B	31.7
18MCAS01-5	340	6-Feb-89	NA	14.0		5.0 U	66.0	103,000	1.0 U	2.0	17.0	1.0 U	28,000	95.0		3,600	5.0 U	0.1 U	134,000		50.0 U
		19-Oct-89	NA	35.0		5.0 U	85.0	150,000	59.0	10.0	831.0	1.0 U	40,000	260.0		2,400	5.0 U	0.4	162,000		50.0 U
		17-May-90	NA					110,000					25,000			3,100			149,000		
		11-Nov-90	NA					106,000					23,000			3,000			154,000		
		21-Mar-91	NA	1.0 U		5.0 U	22.0	102,000	9.7	35.0	1.0 U	1.0 U	23,000	6.3		3,400	5.0 U	1.0 U	150,000		50.0 U
		17-Jul-91	NA	2.7		5.6	32.0	99,000	1.0 U	16.0	6.0	1.0 U	21,000	10.0		3,500	5.0 U	1.0 U	146,000		50.0 U
		22-Sep-92	F					99,000					25,000			3,400			154,000		
		18-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	98,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	15.0 U	110.0	3,030 J	5.0 U	10.0 U	144,000	50 U	20.0 U
		18-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	98,000	10.0 U	25.0 U	108.0	3.0 U	27,000	15.0 U	120.0	3,050 J	5.0 U	10.0 U	147,000	50 U	36.0
		19-Mar-97	F	200.0 U	60.0 U	4.0 B	33.3 B	96,400	2.9 B	4.9 B	100.0 U	5.0 U	24,800	2.6 B	80.0	4,280 B	4.2 B	10.0 U	129,000	11 B	14.0 B
18MCAS01-6	460	6-Feb-89	NA	86.0		5.0 U	83.0	74,000	9.1	9.5	370.0	4.0	30,000	298.0		4,700	5.0 U	0.1 U	126,000		55.0
		19-Oct-89	NA	58.0		5.0 U	66.0	106,000	12.0	4.4	1320.0	1.0 U	26,000	279.0		1,500	5.0 U	0.1	138,000		50.0 U
		14-May-90	NA					111,000					21,000			3,300			134,000		
		11-Nov-90	NA					157,000					34,000			3,300			227,000		
		19-Mar-91	NA	17.0		5.0 U	35.0	137,000	14.0	53.0	7.1	1.0 U	31,000	190.0		4,300	5.0 U	1.0 U	184,000		82.0
		17-Jul-91	NA	1.0 U		5.0 U	46.0	114,000	1.0 U	12.0	17.0	1.0 U	27,000	370.0		4,300	5.0 U	1.0 U	157,000		90.0
		22-Sep-92	F					95,000					23,000			4,000			139,000		
		16-Dec-93	F	19.2 U	12.8 U	0.7 U	35.7 BE	95,600	2.2 U	1.3 U	32.9 B	0.3 U	22,400	807.0	641.0	3,850 B	0.9 B	1.8 U	127,000	2.2 B	13.2 B
		18-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	97,000	10.0 U	25.0 U	100.0 U	3.0 U	23,000	628.0	580.0	3,430 J	5.0 U	10.0 U	133,000	50 U	20.0 U
		18-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	97,000	10.0 U	25.0 U	157.0	3.0 U	23,000	633.0	600.0	3,440 J	5.0 U	10.0 U	137,000	50 U	33.0
		19-Mar-97	F	200.0 U	60.0 U	10.0 U	39.8 B	97,000	1.8 B	4.4 B	14.0 B	5.0 U	20,500	711.0	898.0	4,520 B	5.0 U	10.0 U	115,000	50 U	26.7

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS01-7	550	6-Feb-89	NA	46.0		5.8	148.0	181,000	42.0	45.0	960.0	11.0	72,000	1100.0		7,400	5.0 U	0.1 U	260,000		180.0
		19-Oct-89	NA	368.0		5.0 U	87.0	191,000	19.0	5.6	1580.0	1.0 U	54,000	1920.0		4,800	5.8	0.2	270,000		50.0 U
		14-May-90	NA					134,000					35,000			6,100			221,000		
		11-Nov-90	NA					157,000			2100.0		38,000	1700.0		4,400			199,000		
		19-Mar-91	NA	24.0		5.0 U	55.0	78,000	19.0	25.0	37.0	1.0 U	15,000	870.0		3,100	5.0 U	1.2	162,000		420.0
		17-Jul-91	NA	1.0 U		5.0 U	81.0	71,000	1.0 U	9.7	58.0	1.0 U	13,000	1000.0		3,200	5.0 U	1.6	143,000		50.0 U
		18-Sep-92	F					40,000					9,100			2,300			135,000		
		1-Dec-93	F	534.0	12.8 U	22.8	40.3 BE	56,800	46.0	1.3 U	2010.0	0.8 B	13,100	675.0	9.1 U	2,920 B	1.2 BW	1.8 U	170,000	4.0 B	22.2
		17-Jan-96	F	389.0	60.0 U	21.0	200.0 U	42,000	170.0	25.0 U	1900.0	3.0 U	10,000	447.0	40.0 U	2,450 J	5.0 U	10.0 U	194,000	50 U	34.0
		17-Jan-96	UF	200.0 U	60.0 U	19.0	200.0 U	44,000	130.0	25.0 U	1400.0	3.0 U	10,000	451.0	40.0 U	2,270 J	5.0 U	10.0 U	192,000	50 U	20.0 U
		19-Mar-97	F	15.8 B	60.0 U	9.6 B	25.9 B	35,400	159.0	3.0 B	1440.0	5.0 U	7,720	376.0	20.2 B	2,800 B	3.7 B	10.0 U	151,000	50 U	11.9 B
18MCAS02-1	50	7-Feb-89	NA	0.5		5.0 U	75.0	169,000	4.3	1.0 U	1.0 U	1.0 U	54,000	42.0		1,800	17.0	0.1 U	348,000		50.0 U
		17-Oct-89	NA	46.0		5.1	61.0	190,000	11.0	6.2	138.0	1.0 U	59,000	12.0		900	5.0 U	0.1 U	330,000		50.0 U
		18-May-90	NA					229,000					61,000			1,500			376,000		
		11-Nov-90	NA					227,000					60,000			1,300			350,000		
		5-Apr-91	NA	1.0 U		5.0 U	17.0	246,000	22.0	26.0	3.4	1.0 U	52,000	4.3		1,100	21.0	1.0 U	346,000		50.0 U
		9-Jul-91	NA	1.3		5.0 U	23.0	197,000	1.0 U	19.0	30.0	1.0 U	52,000	52.0		1,100	5.2	1.0 U	355,000		50.0 U
		17-Sep-92	F					219,000					59,000			1,000			448,000		
		9-Nov-93	F	19.2 U	19.1 B	2.2 B	26.8 B	238,000	2.6 B	1.3 U	7.3 U	0.3 U	64,600	0.8 U	9.1 U	1,210 B	24.0 B	1.8 U	390,000	26.6 B	3.9 U
		30-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	258,000	10.0 U	25.0 U	100.0 U	4.0	72,000	15.0 U	40.0 U	1,310 J	22.0	10.0 U	403,000	50 U	20.0 U
		30-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	261,000	10.0 U	25.0 U	100.0 U	4.0	74,000	15.0 U	40.0 U	1,350 J	20.0	10.0 U	416,000	50 U	20.0 U
		13-Mar-97	F	200.0 U	60.0 U	1.9 B	25.4 B	245,000	4.4 B	4.9 B	100.0 U	5.0 U	66,300	15.0 U	0.9 B	2,380 B	22.5	10.0 U	340,000	21.3 B	10.1 B
18MCAS02-2	140	7-Feb-89	NA	0.9		5.0 U	98.0	518,000	14.0	1.0 U	1.0 U	1.0 U	121,000	85.0		4,300	54.0	0.1 U	216,000		50.0 U
		17-Oct-89	NA	60.0		5.0 U	102.0	516,000	89.0	7.2	601.0	1.0 U	119,000	40.0		600	61.0	0.6	275,000		50.0 U
		18-May-90	NA					478,000					123,000			4,600			275,000		
		10-Nov-90	NA					430,000					92,000			4,100			260,000		
		5-Apr-91	NA	1.0 U		5.0 U	34.0	523,000	31.0	27.0	3.7	1.0 U	96,000	6.1		4,200	42.0	1.0 U	256,000		50.0 U
		9-Jul-91	NA	4.6		5.0 U	45.0	413,000	2.8	16.0	290.0	1.0 U	104,000	8.0		4,300	35.0	1.0 U	257,000		50.0 U
		17-Sep-92	F					504,000					116,000			4,000			280,000		
		9-Nov-93	F	25.5 B	23.6 B	1.1 B	41.7 B	472,000	2.2 U	1.3 U	9.6 B	0.3 UW	111,000	17.1	281.0	3,960 B	83.6	1.8 U	258,000	14.0 B	16.1 B
		30-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	393,000	10.0 U	25.0 U	100.0 U	4.0	97,000	15.0	160.0	3,700 J	86.0	10.0 U	236,000	50 U	20.0 U
		30-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	411,000	58.0	25.0 U	580.0	3.0 U	102,000	17.0	170.0	3,950 J	86.0	10.0 U	248,000	50 U	25.0
		13-Mar-97	F	200.0 U	60.0 U	10.0 U	37.4 B	406,000	2.8 B	3.7 B	14.4 B	1.4 B	94,800	4.2 B	73.2	5,660	73.7	10.0 U	225,000	10.4 B	19.4 B
18MCAS02-3	210	7-Feb-89	NA	3.7		5.0 U	70.0	148,000	2.5	2.6	1.0 U	1.0 U	36,000	10.0		3,400	5.0 U	0.1 U	176,000		85.0
		17-Oct-89	NA	40.0		5.0 U	75.0	149,000	8.0	7.9	36.0	1.0 U	40,000	2.7		3,300	9.4	0.5	172,000		50.0 U
		18-May-90	NA					169,000					42,000			3,700			243,000		
		5-Apr-91	NA	1.0 U		5.0 U	30.0	230,000	11.0	19.0	1.0 U	1.0 U	40,000	1.0 U		3,700		1.0 U	189,000		50.0 U
		9-Jul-91	NA	210.0		5.0 U	38.0	159,000	1.0 U	12.0	220.0	1.0 U	41,000	4.7		3,500	22.0	1.0 U	184,000		50.0 U
		17-Sep-92	F					147,000					41,000			3,500	7.2		180,000		
		20-Nov-93	F	19.2 U	15.1 B	2.5 B	42.6 B	149,000	2.2 U	1.3 U	7.3 U	0.3 U	40,800	1.0 B	12.4 B	3,430 B	13.6 B	1.8 U	171,000	12.5 B	8.6 B
		30-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	131,000	10.0 U	25.0 U	100.0 U	5.0	39,000	15.0 U	43.0	3,460 J	8.0	10.0 U	167,000	50 U	20.0 U
		30-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	134,000	10.0 U	25.0 U	100.0 U	4.0	40,000	15.0 U	41.0	3,560 J	11.0	10.0 U	171,000	50 U	29.0
		13-Mar-97	F	200.0 U	60.0 U	10.0 U	46.8 B	144,000	10.0 U	3.6 B	14.4 B	1.8 B	39,100	15.0 U	29.4 B	4,580 B	12.8	10.0 U	160,000	9.4 B	20.5

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS02-4	380	16-Feb-89	NA	6.1		5.0 U	74.0	95,000	4.3	1.0 U	18.0	1.0 U	25,000	44.0		3,100	8.0	0.1 U	160,000		50.0
		17-Oct-89	NA	124.0		5.2	64.0	96,000	7.6	4.6	133.0	1.0 U	27,000	4.8		2,400	5.0 U	0.3	165,000		50.0 U
		18-May-90	NA					154,000					39,000			3,600			177,000		
		5-Apr-91	NA	1.7		5.0 U	27.0	190,000	9.2	34.0	3.5	1.0 U	39,000	31.0		3,000	19.0	1.0 U	188,000		50.0 U
		9-Jul-91	NA	95.0		5.0 U	33.0	123,000	1.5	9.5	220.0	1.0 U	29,000	9.7		3,200	5.0 U	1.0 U	164,000		50.0 U
		17-Sep-92	F					100,000					27,000			3,100			172,000		
		11-Nov-93	F	19.2 U	12.8 U	3.6 B	33.1 B	101,000	2.7 B	1.3 U	7.3 U	0.3 U	26,000	0.8 U	9.1 U	2,970 B	8.6 B	1.8 U	150,000	14.9 B	10.8 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	129,000	10.0 U	25.0 U	100.0 U	3.0 U	34,000	15.0	40.0 U	3,940 J	15.0	10.0 U	185,000	50 U	20.0 U
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	122,000	10.0 U	25.0 U	100.0 U	3.0 U	33,000	15.0 U	40.0 U	3,660 J	17.0	10.0 U	176,000	50 U	59.0
		13-Mar-97	F	200.0 U	60.0 U	10.0 U	34.2 B	110,000	0.9 B	2.6 B	100.0 U	5.0 U	27,700	2.8 B	33.9 B	3,900 B	9.3	10.0 U	146,000	9.5 B	17.6 B
18MCAS02-5	430	8-Feb-89	NA	120.0		6.3	63.0	66,000	11.0	3.6	260.0	1.0 U	26,000	34.0		5,800	5.0 U	0.1 U	147,000		50.0 U
		10-Oct-89	NA	289.0		5.5	64.0	87,000	19.0	7.5	3.9	1.0 U	23,000	56.0		2,800	49.0	0.2	154,000		73.0
		18-May-90	NA					97,000					26,000			3,500			176,000		
		5-Apr-91	NA	1.0 U		5.0 U	30.0	163,000	7.2	17.0	7.7	1.0 U	30,000	220.0		3,700	10.0	1.0 U	251,000		50.0 U
		9-Jul-91	NA	1.0 U		5.0 U	34.0	111,000	1.0 U	8.4	10.0	1.0 U	27,000	210.0		3,700	5.0 U	1.0 U	185,000		50.0 U
		17-Sep-92	F					99,000					27,000			3,000			169,000		
		12-Nov-93	F	34.3 B	12.8 U	0.8 B	32.6 B	103,000	2.2 U	1.3 U	16.9 B	0.3 U	27,500	254.0	864.0	3,690 B	7.8 B	1.8 U	142,000	3.7 B	12.0 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	109,000	10.0 U	25.0 U	100.0 U	3.0	29,000	317.0	965.0	3,850 J	10.0	10.0 U	154,000	50 U	20.0 U
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	104,000	10.0 U	25.0 U	210.0	3.0	28,000	317.0	948.0	3,700 J	8.0	10.0 U	149,000	50 U	31.0
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	41.3 B	113,000	10.0 U	5.1 B	100.0 U	5.0 U	28,700	283.0	1000.0	4,870 B	6.0	10.0 U	156,000	3.5 B	30.4
18MCAS02-6	500	8-Feb-89	NA	19.0		5.8	91.0	137,000	29.0	3.8	560.0	1.7	44,000	550.0		9,300	16.0	0.1 U	384,000		65.0
		10-Oct-89	NA	58.0		5.0 U	44.0	55,000	24.0	1.6	22.0	1.0 U	17,000	135.0		4,000	6.4	0.4	388,000		73.0
		18-May-90	NA					139,000					37,000			6,100			373,000		
		5-Apr-91	NA	1.0 U		5.0 U	35.0	170,000	6.5	14.0	12.0	1.0 U	32,000	370.0		6,200	11.0	1.0 U	408,000		55.0
		9-Jul-91	NA	1.0 U		5.0 U	38.0	93,000	1.0 U	7.1	14.0	1.0 U	25,000	340.0		4,700	5.0 U	1.0 U	416,000		50.0 U
		17-Sep-92	F					56,000					16,000			3,600			432,000		
		15-Nov-93	F	19.8 B	12.8 U	0.7 U	24.8 B	54,000	2.2 U	1.3 U	58.0 B	0.3 B	16,000	308.0	155.0	3,400 B	0.6 U	1.8 U	375,000	3.1 B	19.4 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	67,000	10.0 U	25.0 U	100.0 U	3.0	19,000	396.0	310.0	4,100 J	5.0 U	10.0 U	430,000	50 U	20.0 U
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	67,000	10.0 U	25.0 U	193.0	3.0 U	19,000	391.0	320.0	4,250 J	5.0 U	10.0 U	437,000	50 U	39.0
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	28.8 B	66,100	10.0 U	5.3 B	34.8 B	5.0 U	18,400	345.0	257.0	5,570	5.0 U	10.0 U	390,000	50 U	23.5
18MCAS02-7	560	8-Feb-89	NA	44.0		7.8	87.0	190,000	28.0	1.0	1000.0		48,000	640.0		8,900	25.0	0.1 U	467,000		60.0
		10-Oct-89	NA	96.0		5.0 U	56.0	142,000	48.0	7.7	8.0	1.0 U	42,000	220.0		8,000	5.6	0.4	555,000		73.0
		18-May-90	NA					157,000					43,000			9,600			561,000		
		5-Apr-91	NA	1.0 U		5.0 U	41.0	180,000	21.0	11.0	51.0	1.0 U	36,000	870.0		6,200	6.6	1.0 U	428,000		50.0 U
		9-Jul-91	NA	1.0 U		5.0 U	46.0	123,000	1.0 U	11.0	35.0	1.0 U	36,000	760.0		5,700	5.0 U	1.0 U	421,000		51.0
		17-Sep-92	F					95,000					32,000			5,800			530,000		
		16-Nov-93	F	19.2 U	12.8 U	0.9 B	28.5 B	86,800	2.2 U	1.3 U	244.0	0.6 B	30,200	754.0	745.0	5,120	3.0 U	1.8 U	460,000	1.4 U	16.1 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	87,000	53.0	25.0 U	950.0	3.0 U	32,000	981.0	1570.0	6,890	5.0 U	10.0 U	587,000	50 U	26.0
		29-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	88,000	110.0	25.0 U	1000.0	3.0 U	32,000	999.0	1610.0	7,040	5.0 U	10.0 U	601,000	50 U	52.0
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	28.6 B	77,100	0.7 B	2.9 B	82.8 B	5.0 U	26,600	804.0	958.0	8,110	5.0 U	10.0 U	470,000	50 U	27.3

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS02-8	630	8-Feb-89	NA	46.0		5.2	89.0	170,000	140.0	8.6	3500.0	2.8	50,000	1600.0		9,700	5.0 U	0.1 U	345,000		85.0
		10-Oct-89	NA	47.0		5.0 U	60.0	93,000	48.0	2.8	9.2	1.0 U	24,000	1700.0		7,000	7.3	0.6	404,000		114.0
		18-May-90	NA					64,000					18,000			6,700			437,000		
		5-Apr-91	NA	1.0 U		5.0 U	59.0	113,000	17.0	20.0	216.0	1.0 U	21,000	1600.0		6,300	5.7	1.0 U	416,000		91.0
		9-Jul-91	NA	1.0 U		5.0 U	80.0	78,000	1.0 U	12.0	1500.0	1.0 U	20,000	1400.0		5,700	5.0 U	1.0 U	399,000		160.0
		17-Sep-92	F					44,000					14,000			4,900			455,000		
		8-Nov-93	F	19.2 B	12.8 U	4.8 B	52.3 B	46,600	2.2 U	1.3 U	4140.0	0.3 U	15,000	1100.0	735.0	4,700 B	3.0 U	1.8 U	413,000	1.4 U	15.4 B
		29-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	52,000	10.0 U	25.0 U	2550.0	3.0 U	17,000	1280.0	1310.0	6,200	5.0 U	10.0 U	501,000	50 U	32.0
		29-Jan-96	UF	1400.0	60.0 U	12.0	200.0 U	50,000	150.0	28.0	4880.0	7.0	18,000	1260.0	1390.0	6,480	5.0 U	10.0 U	508,000	50 U	66.0
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	42.2 B	44,900	6.7 B	4.3 B	9110.0	5.0 U	14,500	1250.0	1620.0	6,520	3.5 B	10.0 U	374,000	50 U	44.6
18MCAS03-1	95	30-Jan-89	NA	17.0		12.0	121.0	244,000	1.9	19.0	31.0	1.0 U	68,000	38.0		4,300	12.0	0.1 U	283,000		65.0
		10-Oct-89	NA	19.0		5.5	88.0	282,000	23.0	2.6	0.4	1.0 U	76,000	70.0		3,600	5.0 U	0.6	300,000		94.0
		17-May-90	NA					282,000					95,000			4,100			289,000		
		9-Nov-90	NA					256,000					59,000			3,000			267,000		
		4-Apr-91	NA	1.3		6.9	30.0	337,000	24.0	28.0	9.8	1.0 U	73,000	11.0		3,800	50.0	1.0 U	300,000		50.0 U
		18-Jul-91	NA	1.0 U		5.0 U	34.0	265,000	1.0 U	18.0	7.7	1.0 U	72,000	21.0		3,700	33.0	1.0 U	284,000		50.0 U
		15-Sep-92	F					324,000					85,000			3,700			288,000		
		22-Nov-93	F	63.1 B	13.8 B	2.0 B	30.0 B	232,000	4.3 B	1.3 U	90.6 B	0.4 B	61,600	56.5	725.0	3,200 B	57.6 S	1.8 U	235,000	16.4 B	6.4 B
		22-Nov-93	F	47.6 B	19.7 B	2.0 BW	30.2 B	230,000	2.2 U	1.3 U	22.9 B	0.3 U	61,500	56.5	729.0	3,030 B	58.6 S	1.8 U	236,000	17.0 B	6.6 B
		6-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	228,000	18.0	25.0 U	560.0	3.0 U	64,000	639.0	3280.0	3,390 J	34.0	10.0 U	307,000	50 U	28.0
		6-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	231,000	45.0	25.0 U	420.0	3.0 U	66,000	98.0	500.0	3,590 J	38.0	10.0 U	312,000	50 U	23.0
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	23.0 B	244,000	5.7 B	6.6 B	11.0 B	5.0 U	62,900	65.9	512.0	3,930 B	43.8	10.0 U	267,000	6.3 B	18.0 B
18MCAS03-2	170	30-Jan-89	NA	18.0		6.4	116.0	217,000	3.0	6.9	15.0	1.0 U	70,000	5.2		4,300	7.4	0.1 U	142,000		50.0 U
		10-Oct-89	NA	278.0		5.0 U	133.0	235,000	6.6	19.0	2310.0	2.9	70,000	136.0		3,300	5.0 U	0.3	132,000		271.0
		17-May-90	NA					241,000					82,000			3,900			153,000		
		9-Nov-90	NA					245,000					60,000			3,800			132,000		
		4-Apr-91	NA	1.0 U		5.9	42.0	270,000	19.0	15.0	25.0	1.0 U	64,000	50.0		4,000	38.0	1.0 U	129,000		50.0 U
		18-Jul-91	NA	1.0 U		5.0 U	48.0	228,000	1.0 U	9.1	7.0	1.0 U	58,000	95.0		3,900	32.0	1.0 U	127,000		50.0 U
		15-Sep-92	F					265,000					72,000			3,800			131,000		
		19-Nov-93	F	62.0 B	15.1 B	0.7 U	43.2 B	218,000	2.2 U	1.3 U	56.4 B	0.3 U	61,400	119.0	1430.0	3,500 B	56.8 S	1.8 U	118,000	8.1 B	11.5 B
		6-Feb-95	F	200.0 U	60.0 U	10.0 U	200.0 U	215,000	10.0 U	25.0 U	100.0 U	3.0 U	62,000	303.0	3880.0	3,430 J	47.0	10.0 U	117,000	50 U	37.0
		6-Feb-95	UF	200.0 U	60.0 U	10.0 U	200.0 U	221,000	150.0	25.0 U	3150.0	3.0 U	64,000	290.0	4050.0	3,530 J	47.0	10.0 U	122,000	50 U	50.0
		11-Mar-97	F	22.2 B	60.0 U	10.0 U	50.2 B	230,000	7.7 B	5.5 B	39.3 B	5.0 U	65,000	945.0	6130.0	4,670 B	50.5	10.0 U	132,000	50 U	50.5

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS03-3	230	30-Jan-89	NA	11.0		5.4	130.0	98,000	5.3	10.0	27.0	1.0 U	24,000	13.0		2,600	5.0 U	0.1 U	128,000		50.0 U
		9-Oct-89	NA	58.0		5.2	125.0	98,000	18.0	5.3	100.0	1.0 U	24,000	5.7		1,800	43.0	0.1	126,000		62.0
		17-May-90	NA					100,000					23,000			2,400			121,000		
		9-Nov-90	NA					103,000					23,000			2,800			122,000		
		4-Apr-91	NA	9.3		6.9	50.0	108,000	9.1	19.0	18.0	1.0 U	22,000	1.0 U		2,800	8.4	1.0 U	117,000		50.0 U
		18-Jul-91	NA	6.9		5.0 U	62.0	101,000	4.0	13.0	4.1	1.0 U	19,000	3.6		2,900	5.0 U	1.0 U	121,000		50.0 U
		15-Sep-92	F					95,000					24,000			2,600			124,000		
		19-Nov-93	F	19.2 U	12.8 U	3.4 B	70.5 B	95,500	2.2 U	1.3 U	24.3 B	0.3 U	23,500	13.3 B	104.0	2,530 B	7.5	1.8 U	115,000	20.7 B	6.5 B
		6-Feb-95	F	200.0 U	60.0 U	10.0 U	200.0 U	104,000	10.0 U	25.0 U	100.0 U	3.0 U	26,000	27.0	120.0	2,860 J	5.0 U	10.0 U	116,000	50 U	20.0 U
		6-Feb-95	UF	200.0 U	60.0 U	10.0 U	200.0 U	106,000	19.0	25.0 U	146.0	3.0 U	27,000	38.0	120.0	2,870 J	5.0 U	10.0 U	117,000	50 U	37.0
		11-Mar-97	F	31.4 B	60.0 U	2.0 B	87.1 B	118,000	7.3 B	10.7 B	43.0 B	5.0 U	29,400	16.6	159.0	4,050 B	9.7	10.0 U	132,000	19.6 B	15.0 B
18MCAS03-4	350	30-Jan-89	NA	27.0		6.4	89.0	82,000	2.2	11.0	17.0	1.0 U	24,000	11.0		2,900	5.0 U	0.1 U	95,000		50.0 U
		9-Oct-89	NA	244.0		5.6	83.0	85,000	18.0	4.0	814.0	1.0 U	24,000	26.0		1,800	11.0	0.2	98,000		73.0
		17-May-90	NA					118,000					27,000			4,900			68,000		
		4-Apr-91	NA	9.9		6.0	26.0	97,000	7.7	33.0	97.0	1.0 U	23,000	15.0		3,100	5.4	1.0 U	89,000		50.0 U
		18-Jul-91	NA	5.3		5.2	29.0	91,000	1.3	13.0	18.0	1.0 U	20,000	28.0		3,100	5.0 U	1.0 U	93,000		50.0 U
		15-Sep-92	F					87,000					26,000			2,800			90,000		
		18-Nov-93	F	19.2 U	13.7 B	2.1 B	35.9 B	85,800	2.2 U	1.3 U	31.1 B	0.3 U	25,700	13.0 B	334.0	2,680 B	7.4 S	1.8 U	89,400	18.4 B	5.4 B
		6-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	89,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	15.0 U	440.0	2,680 J	5.0 U	10.0 U	85,000	50 U	20.0 U
		6-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	89,000	21.0	25.0 U	260.0	3.0 U	27,000	16.0	450.0	2,700 J	5.0 U	10.0 U	86,000	50 U	20.0 U
		11-Mar-97	F	29.8 B	60.0 U	10.0 U	42.8 B	96,300	1.6 B	4.2 B	49.9 B	5.0 U	28,700	15.3	657.0	3,770 B	6.9	10.0 U	99,400	17.2 B	18.7 B
18MCAS03-5	430	30-Jan-89	NA	14.0		6.1	67.0	78,000	1.0 U	11.0	28.0	1.0 U	22,000	12.0		3,100	5.0 U	0.1 U	114,000		50.0 U
		9-Oct-89	NA	51.0		5.0 U	79.0	102,000	15.0	4.7	1000.0	1.0 U	28,000	82.0		2,100	5.4	0.3	108,000		83.0
		17-May-90	NA					92,000					24,000			2,700			87,000		
		4-Apr-91	NA	1.0 U		6.0	27.0	102,000	7.9	16.0	1.0 U	1.0 U	25,000	25.0		3,500	7.8	1.0 U	96,000		50.0 U
		18-Jul-91	NA	1.0 U		6.9	28.0	88,000	1.0 U	14.0	3.1	1.0 U	20,000	26.0		3,300	5.0 U	1.0 U	96,000		50.0 U
		15-Sep-92	F					78,000					24,000			3,000			87,000		
		18-Nov-93	F	23.0 B	12.8 U	3.0 B	31.2 B	78,200	2.2 U	1.3 U	45.4 B	0.6 B	23,700	4.6 B	62.8	2,810 B	7.3 S	1.8 U	88,900	19.5 B	5.4 B
		6-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	81,000	10.0 U	25.0 U	100.0 U	3.0 U	25,000	15.0 U	89.0	2,690 J	5.0 U	10.0 U	84,000	50 U	20.0 U
		6-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	82,000	10.0 U	25.0 U	100.0 U	3.0 U	25,000	22.0	78.0	2,730 J	5.0 U	10.0 U	84,000	50 U	20.0 U
		11-Mar-97	F	16.2 B	60.0 U	4.2 B	37.8 B	91,700	2.7 B	5.0 B	19.3 B	5.0 U	27,200	7.8 B	59.5	3,810 B	7.3	10.0 U	99,100	21.6 B	17.2 B
18MCAS03-6	500	30-Jan-89	NA	18.0		5.2	70.0	92,000	4.4	5.2	130.0	1.0 U	24,000	15.0		2,600	5.0 U	0.1 U	135,000		60.0
		9-Oct-89	NA	38.0		7.1	61.0	92,000	2.5	11.0	3380.0	1.0 U	23,000	67.0		1,800	7.4	0.2	132,000		94.0
		17-May-90	NA					104,000					23,000			2,700			140,000		
		4-Apr-91	NA	41.0		5.0 U	59.0	111,000	11.0	25.0	2700.0	1.0 U	22,000	930.0		2,800	5.0 U		102,000		150.0
		18-Jul-91	NA	1.0 U		5.0 U	47.0	83,000	3.5	14.0	68.0	1.0 U	19,000	1400.0		2,700	5.0 U	1.0 U	106,000		340.0
		15-Sep-92	F					88,000					21,000			2,900		1.0 U	113,000		
		17-Nov-93	F	19.2 U	12.8 U	0.7 U	32.2 B	70,100	73.2	4.3 B	3580.0	0.4 B	18,700	939.0	5200.0	2,430 B	1.2 B	1.8 U	109,000	2.0 B	12.3 B
		6-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	69,000	329.0	25.0 U	17100.0	3.0 U	19,000	1370.0	7180.0 U	2,490 J	5.0 U	10.0 U	108,000	50 U	81.0
		6-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	67,000	774.0	25.0 U	17300.0	3.0	19,000	1370.0	6980.0	2,510 J	5.0 U	10.0 U	106,000	50 U	72.0
		11-Mar-97	F	24.4 B	5.6 B	10.0 U	35.3 B	65,800	231.0	17.5 B	9010.0	5.0 U	17,600	1070.0	6440.0	2,930 B	5.0 U	10.0 U	106,000	50 U	61.8

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_MCAS04	238	23-Oct-89	NA	49.0		14.0	66.0	106,000	23.0	5.5	820.0	1.0 U	20,000	146.0		100 U	5.0 U	0.6	142,000		150.0
		23-Feb-90	NA	1.0 U		5.0 U	45.0	94,000	1.0 U	1.0 U	21.0	1.0 U	27,000	81.0		2,000	5.0 U	0.2	129,000		50.0 U
		6-Jul-90	NA	1.0 U		5.0 U	47.0	108,000	1.0 U	1.0 U	47.0	1.0 U	28,000	36.0		2,300	5.0 U	1.6	146,000		50.0 U
		2-Feb-91	NA	780.0		5.0 U	36.0	112,000	12.0	32.0	2000.0	1.0 U	29,000	30.0		2,800	5.0 U	1.0	142,000		50.0 U
		10-Jul-92	F					112,000					28,000			2,600			147,000		
		4-Aug-93	F	46.3 B	20.6 B	2.6 B	46.8 B	110,000	2.8 U	2.7 B	58.0 B	0.5 U	28,500	2.5 B	7.5 U	2,800 B	4.1 B	1.8 U	140,000	11.6 B	4.1 B
		9-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	125,000	10.0 U	25.0 U	450.0	3.0 U	33,000	180.0	40.0 U	2,920 J	5.0 U	10.0 U	157,000	50 U	65.0
		9-Feb-96	UF	520.0	60.0 U	10.0 U	200.0 U	132,000	10.0 U	25.0 U	1100.0	3.0 U	35,000	190.0	40.0 U	3,270 J	5.0 U	10.0 U	166,000	50 U	90.0
		13-Mar-97	F	200.0 U	60.0 U	10.0 U	48.8 B	125,000	10.0 U	25.0 U	66.5 B	5.0 U	31,400	190.0	1.9 B	3,980 B	5.0 U	10.0 U	154,000	7.3 B	3.4 B
18_MCAS05	148	19-Oct-89	NA	45.0		5.0 U	120.0	108,000	4.6	2.7	100.0	1.6	17,000	81.0		600	6.9	0.1	157,000		52.0
		7-Mar-90	NA	1.0 U		5.0 U	50.0	61,000	2.8	1.0 U	310.0	1.2	21,000	120.0		1,800	5.0 U	0.5 U	147,000		50.0 U
		23-Jul-90	NA	28.0		5.0 U	72.0	90,000	3.2	1.0 U	870.0	1.0 U	39,000	81.0		2,600	5.0 U	1.0 U	157,000		71.0
		15-Feb-91	NA	35.0		5.0 U	38.0	112,000	25.0	13.0	790.0	1.0 U	34,000	56.0		2,300	6.0	1.0 U	153,000		950.0
		31-Jul-92	F	47.0 B	9.6 B	0.6 U	63.8 BE	105,000			499.0		36,000		7.1 U	2,400			159,000	3.6 B	
		16-Jun-93	F	48.6 B	14.8 B	0.7 B	64.4 BE	111,000	2.9 U	0.7 U	612.0	0.4 U	34,400	57.4		2,640 B	7.0 U	1.2 U	145,000	5.1 B	10.1 B
18_MCAS05A		9-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	93,000	10.0 U	25.0 U	1200.0	3.0 U	41,000	76.0	40.0 U	3,080 J	5.0 U	10.0 U	144,000	50.0 U	20.0 U
		9-Feb-96	UF	1400.0	60.0 U	10.0 U	200.0 U	96,000	10.0 U	25.0 U	4170.0	3.0 U	41,000	110.0	40.0 U	3,350 J	5.0 U	10.0 U	144,000	50.0 U	20.0 U
		18-Mar-97	F	13.4 B	60.0 U	10.0 U	50.1 B	71,700	0.4 B	2.5 B	1230.0	5.0 U	34,700	56.8	40.0 U	3,410 B	3.3 B	10.0 U	118,000	50.0 U	3.9 B
		18-Mar-97	UF	19.5 B	60.0 U	10.0 U	48.8 B	71,500	0.5 B	2.8 B	1170.0	5.0 U	33,800	53.6	40.0 U	3,330 B	3.6 B	10.0 U	117,000	50.0 U	4.0 B
18_MCAS06	222	28-Oct-89	NA	100.0		12.0	172.0	94,000	2.1	56.0	102.0	1.0 U	10,000	264.0		100 U	5.0 U	0.5	120,000		50.0 U
		9-Mar-90	NA	38.0		9.2	140.0	100,000	2.2	11.0	880.0	1.0 U	16,000	220.0		3,800	5.0 U	0.4	112,000		50.0 U
		11-Jul-90	NA	20.0		5.0 U	20.0	96,000	3.1	1.0 U	400.0	1.0 U	19,000	73.0		2,900	5.0 U	1.0 U	125,000		50.0 U
		23-May-91	NA	1.0 U		5.0 U	56.0	90,000	12.0	23.0	380.0	1.0 U	22,000	22.0		2,700	5.0 U	1.0 U	113,000		50.0 U
		31-Jul-92	F					92,000					23,000			2,900			118,000		
		16-Jun-93	F	22.2 B	9.0 U	4.1 BW	57.5 B	94,000	4.4 B	0.7 U	18.3 B	0.4 U	23,000	1.4 B	10.4 B	3,070 B	2.3 BW	1.2 U	111,000	14.8 B	3.3 B
		9-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	96,000	10.0 U	25.0 U	490.0	3.0 U	25,000	83.0	40.0 U	2,840 J	5.0 U	10.0 U	119,000	50.0 U	20.0 U
		9-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	95,000	10.0 U	25.0 U	1300.0	3.0 U	25,000	86.0	40.0 U	3,020 J	5.0 U	10.0 U	123,000	50.0 U	20.0 U
		25-Mar-97	F	10.7 B	60.0 U	2.9 B	61.5 B	97,300	4.3 B	6.3 B	318.0	1.5 B	23,900	32.3	2.4 B	3,470 B	5.0 U	10.0 U	109,000	13.2 B	7.8 B
18MCAS07-1	100	20-Jan-89	NA	18.0		6.2	92.0	346,000	1.0 U	6.4	29.0	1.0 U	97,000	0.6		3,100	5.1	3.6	224,000		50.0 U
		2-Aug-90	NA					415,000			25.0		67,000			2,600			270,000		
		16-Nov-90	NA					370,000					88,000			5,200			250,000		
		22-Mar-91	NA	6.5		5.0 U	39.0	350,000	32.0	64.0	6.2	1.0 U	87,000	3.9		3,700	11.0	1.0 U	245,000		50.0 U
		25-Jul-91	NA	1.0 U		5.0 U	44.0	382,000	1.0 U	20.0		2.1	80,000	1.0		3,900	32.0	1.0 U	258,000		120.0
		20-Oct-92	F					415,000			7.2 U		95,000			3,200			243,000		
		27-Oct-93	F	26.1 B	20.8 B	2.0 B	47.7 B	374,000	2.8 U	1.1 U	13.0 B	0.5 UW	91,400	2.2 B	7.5 U	3,390 B	32.0	1.8 U	266,000	18.6 B	11.2 B
		27-Oct-93	F	34.4 B	30.2 B	2.5 B	48.4 B	383,000					92,900	2.5 B	9.6 B	3,480 B	34.0		269,000	19.1 B	16.1 B
		9-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	334,000	10.0 U	25.0 U	100.0 U	3.0 U	83,000	15.0 U	40.0 U	4,370 J	24.0	10.0 U	240,000	50 U	98.0
		9-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	369,000	10.0 U	25.0 U	100.0 U	3.0 U	94,000	38.0	40.0 U	4,820 J	27.0	10.0 U	281,000	50 U	110.0
		26-Mar-97	F	25.0 B	60.0 U	10.0 U	45.8 B	314,000	3.7 B	17.9 B	100.0 U	2.3 B	76,300	2.1 B	4.7 B	4,800 B	37.4	10.0 U	222,000	15.7 B	35.8

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS07-2	200	20-Jan-89 NA	18.0		6.6	51.0	100,000	1.0 U	7.3	10.0	1.0 U	23,000	15.0		3,200	5.0 U	2.0	105,000		50.0 U
		2-Aug-90 NA					141,000					21,000			3,000			137,000		
		17-Nov-90 NA					94,000					19,000			2,500			91,000		
		22-Mar-91 NA	11.0		5.0 U	24.0	119,000	12.0	15.0	13.0	1.0 U	21,000	5.3		2,800	5.0 U	3.1	111,000		50.0 U
		26-Jul-91 NA	1.0 U	13.3 B	5.0 U	32.0	113,000	1.0 U	4.8	1.0 U	1.0 U	21,000	5.2		3,200	5.5	1.0 U	108,000		50.0 U
		20-Oct-92 F					92,000					21,000			2,600			94,000		
		21-Oct-93 F	37.6 B*	60.0 U	3.7 B	35.3 B	97,800	4.0 B	1.9 B	7.2 U	0.5 U	21,700	1.3 B	7.5 U	2,390 B	3.1 BW	1.8 U	94,700	25.7 B	16.6 B*
		9-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	116,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	59.0	40.0 U	3,130 J	5.0 U	10.0 U	104,000	50 U	37.0
		9-Feb-96 UF	289.0	60.0 U	10.0 U	200.0 U	130,000	10.0 U	25.0 U	270.0	3.0 U	30,000	36.0	40.0 U	3,540 J	5.0 U	10.0 U	120,000	50 U	150.0
		26-Mar-97 F	17.7 B	60.0 U	2.7 B	32.4 B	97,200	1.4 B	4.9 B	100.0 U	1.4 B	21,600	26.0	18.0 B	3,090 B	6.6	10.0 U	87,900	21.3 B	35.6
18MCAS07-3	360	20-Jan-89 NA	9.2		7.2	59.0	65,000	1.0 U	5.0	6.4	1.0 U	17,000	107.0		3,800	5.0 U	2.0	119,000		50.0 U
		2-Aug-90 NA					112,000					17,000			2,900			132,000		
		17-Nov-90 NA					86,000					18,000			2,800			106,000		
		22-Mar-91 NA	1.0 U		5.0 U	28.0	97,000	7.9	11.0	1.0 U	1.0 U	19,000	96.0		3,000	5.0 U	1.0 U	117,000		65.0
		26-Jul-91 NA	1.0 U		5.0 U	44.0	86,000	1.0 U	15.0	20.0	1.0 U	20,000	110.0		3,200	5.0	1.0 U	107,000		50.0 U
		20-Oct-92 F					86,000					21,000			3,100			110,000		
		22-Oct-93 F	11.9 B*	16.5 B	5.2 B	56.5 B	88,800	2.8 U	1.2 B	7.2 U	0.5 U	21,200	115.0	10.6 B	3,060 B	3.4 BW	1.8 U	104,000	12.2 B	35.1 *
		9-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	108,000	10.0 U	25.0 U	100.0 U	3.0 U	27,000	100.0	40.0 U	5,280	5.0 U	10.0 U	117,000	50 U	28.0
		9-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	112,000	10.0 U	25.0 U	100.0 U	3.0 U	28,000	110.0	40.0 U	3,030 J	5.0 U	10.0 U	122,000	50 U	37.0
		26-Mar-97 F	20.4 B	60.0 U	4.5 B	39.8 B	93,100	10.0 U	3.0 B	100.0 U	5.0 U	22,300	96.3	3.0 B	3,460 B	5.4	10.0 U	104,000	10.7 B	41.0
18MCAS07-4	450	19-Jan-89 NA	27.0		7.2	92.0	77,000	1.0 U	15.0	41.0	1.0 U	17,000	140.0		2,700	5.0 U	1.8	109,000		50.0 U
		2-Aug-90 NA					185,000					28,000			4,200			167,000		
		17-Nov-90 NA					112,000					28,000			3,600			124,000		
		22-Mar-91 NA	13.0		15.0	33.0	107,000	8.0	11.0	17.0	1.0 U	20,000	140.0		3,400	5.0 U	1.0 U	127,000		50.0 U
		26-Jul-91 NA	1.0 U		12.0	41.0	95,000	1.0 U	3.4	7.1	1.0 U	18,000	160.0		3,700	5.0 U	1.0 U	122,000		50.0 U
		20-Oct-92 F					85,000					19,000			3,300			116,000		
		25-Oct-93 F	17.9 B	12.7 U	37.3	63.2 B	88,300	2.8 U	1.1 U	23.0 B	0.5 U	19,200	230.0	7.5 U	3,390 B	0.7 U	1.8 U	108,000	2.2 B	14.7 B
		8-Feb-96 F	200.0 U	60.0 U	11.0	200.0 U	98,000	10.0 U	25.0 U	100.0 U	3.0 U	24,000	170.0	40.0 U	3,730 J	5.0 U	10.0 U	130,000	50 U	33.0
		8-Feb-96 UF	200.0 U	60.0 U	11.0	200.0 U	97,000	10.0 U	25.0 U	100.0 U	3.0 U	24,000	160.0	40.0 U	3,500 J	5.0 U	10.0 U	133,000	50 U	95.0
		26-Mar-97 F	24.4 B	60.0 U	21.0	41.2 B	83,800	10.0 U	4.9 B	38.6 B	1.6 B	19,500	188.0	11.3 B	3,880 B	5.0 U	10.0 U	109,000	2.9 B	43.3
18MCAS07-5	520	18-Jan-89 NA	41.0		11.0	89.0	123,000	1.0 U	27.0	554.0	1.0 U	42,000	204.0		10,000	5.0 U	3.6	394,000		228.0
		2-Aug-90 NA					376,000					72,000			3,700			289,000		
		17-Nov-90 NA					380,000					86,000			4,600			260,000		
		22-Mar-91 NA	1.0 U		5.0 U	43.0	442,000	27.0	11.0	1.0 U	1.0 U	85,000	220.0		4,800	5.0 U	1.0 U	262,000		150.0
		26-Jul-91 NA	1.0 U		5.0 U	56.0	399,000	1.0 U	16.0	33.0	1.0 U	90,000	470.0		5,500	5.0 U	1.0 U	257,000		52.0
		20-Oct-92 F					374,000					94,000			5,600			261,000		
		26-Oct-93 F	29.9 B	21.8 B	1.7 BW	46.6 B	352,000	2.8 U	1.1 U	1220.0	0.5 UW	85,200	835.0	25.3 B	5,370	3.5 U	1.8 U	219,000	4.4 B	38.0
		8-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	281,000	10.0 U	25.0 U	125.0	3.0 U	76,000	340.0	100.0	5,840	5.0 U	10.0 U	276,000	50 U	56.0
		8-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	273,000	10.0 U	25.0 U	136.0	3.0 U	72,000	328.0	96.0	4,850 J	5.0 U	10.0 U	243,000	50 U	110.0
		26-Mar-97 F	25.0 B	60.0 U	10.0 U	86.0 B	86,400	10.0 U	5.9 B	100.0 U	5.0 U	25,300	36.7	16.2 B	4,550 B	5.0 U	10.0 U	87,600	50 U	7390.0

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS --- All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18MCAS07-6	810	19-Jan-89	NA	69.0		10.0	117.0	124,000	1.0 U	7.1	282.0	1.0 U	34,000	543.0		12,000	5.0 U	3.6	530,000		65.0
		2-Aug-90	NA					410,000					69,000			4,200			287,000		
		17-Nov-90	NA					346,000					78,000			5,800			254,000		
		22-Mar-91	NA	20.0		5.0 U	48.0	402,000	27.0	21.0	68.0	1.0 U	84,000	510.0		7,000	5.0 U	1.0 U	257,000		83.0
		26-Jul-91	NA	1.0 U		5.0 U	50.0	337,000	1.0 U	9.5	130.0	1.0 U	82,000	690.0		7,300	5.0 U	1.0 U	270,000		77.0
		28-Oct-93	F	21.8 B	27.0 B	0.6 BW	40.1 B	233,000	2.8 U	1.1 U	1650.0	0.5 U	58,600	402.0	7.5 U	5,860	3.5 U	1.8 U	215,000	5.8 B	4.8 B
		8-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	279,000	10.0 U	25.0 U	100.0 U	3.0 U	78,000	355.0	40.0 U	7,220	5.0 U	10.0 U	261,000	50 U	94.0
		8-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	280,000	10.0 U	25.0 U	100.0 U	3.0 U	79,000	365.0	40.0 U	6,210	5.0 U	10.0 U	266,000	50 U	160.0
		26-Mar-97	F	19.4 B	60.0 U	10.0 U	44.9 B	282,000	0.6 B	11.0 B	100.0 U	1.8 B	75,500	353.0	35.3 B	8,360	5.0 U	10.0 U	251,000	1.8 B	59.3
18MCAS07-7	920	19-Jan-89	NA	87.0		12.0	66.0	62,000	2.6	16.0	210.0	1.0 U	18,000	186.0		9,600	5.0 U	3.0	416,000		50.0 U
		2-Aug-90	NA					458,000					75,000			4,300			315,000		
		16-Nov-90	NA					360,000					88,000			5,800			261,000		
		25-Mar-91	NA	1.0 U		5.0 U	44.0	331,000	26.0	17.0	1.0 U	1.0 U	86,000	220.0		6,600	7.8	1.0 U	260,000		210.0
		26-Jul-91	NA	1.0 U		5.0 U	53.0	409,000	1.0 U	11.0	15.0	1.0 U	86,000	280.0		8,200	5.0 U	1.0 U	304,000		210.0
		22-Sep-92	F					371,000					88,000			7,200			274,000		
		29-Oct-93	F	13.5 B	22.3 B	1.6 BW	45.7 B	337,000	2.8 U	1.1 U	878.0	0.5 U	86,000	494.0	27.9 B	5,860	3.5 U	1.8 U	259,000	4.3 B	25.8
		8-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	208,000	10.0 U	25.0 U	100.0 U	3.0 U	59,000	230.0	77.0	6,920	5.0 U	10.0 U	193,000	50 U	4160.0
		8-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	301,000	10.0 U	25.0 U	100.0 U	3.0 U	85,000	368.0	98.0	6,930	5.0 U	10.0 U	284,000	50 U	150.0
		26-Mar-97	F	26.1 B	60.0 U	10.0 U	38.6 B	282,000	0.8 B	5.7 B	34.7 B	5.0 U	75,300	421.0	128.0	7,790	5.0 U	10.0 U	232,000	50 U	85.9
18MCAS07-8	990	19-Jan-89	NA	95.0		8.0	90.0	141,000	1.0 U	22.0	2160.0	1.0 U	38,000	850.0		12,000	5.0 U	3.8	495,000		50.0 U
		2-Aug-90	NA					428,000					68,000			4,300			301,000		
		16-Nov-90	NA					340,000					73,000			5,500			340,000		
		25-Mar-91	NA	1.0 U		5.0 U	49.0	262,000	23.0	13.0	480.0	1.0 U	61,000	750.0		5,400	5.0 U	1.0 U	236,000		150.0
		25-Jul-91	NA	1.0 U		5.0 U	58.0	278,000	1.0 U	12.0	520.0	1.0 U	59,000	820.0		6,500	5.0 U	1.0 U	260,000		78.0
		22-Sep-92	F					232,000					47,000			6,700			340,000		
		1-Nov-93	F	33.7 B	18.5 B	0.5 U	82.8 B	124,000	48.9	1.3 U	204.0	0.5 U	27,700	651.0	9.1 U	4,010 B	3.5 U	1.8 U	274,000	6.2 B	3.9 U
		8-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	308,000	10.0 U	25.0 U	710.0	3.0 U	81,000	1300.0	670.0	9,260	5.0 U	10.0 U	332,000	50 U	100.0
		8-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	318,000	10.0 U	25.0 U	810.0	3.0 U	83,000	1340.0	690.0	9,560	5.0 U	10.0 U	348,000	50 U	120.0
		26-Mar-97	F	40.7 B	60.0 U	10.0 U	77.5 B	266,000	1.9 B	6.9 B	451.0	5.0 U	65,300	1240.0	620.0	10,600	5.0 U	10.0 U	320,000	50 U	134.0
18MCAS07-9	1110	18-Jan-89	NA	120.0		12.0	113.0	196,000	5.4	13.0	3280.0	1.0 U	44,000	883.0		12,000	5.0 U	3.9	401,000		50.0 U
		2-Aug-90	NA					156,000					19,000			4,700			97,000		
		16-Nov-90	NA					370,000					90,000			4,000			280,000		
		25-Mar-91	NA	1.0 U		5.0 U	38.0	440,000	28.0	15.0	7.1	1.0 U	92,000	620.0		4,600	6.5	1.0 U	269,000		350.0
		25-Jul-91	NA	1.0 U		5.0 U	55.0	398,000	1.0 U	18.0	9800.0	1.0 U	77,000	1100.0		4,400	5.0 U	1.0 U	296,000		50.0 U
		22-Sep-92	F					215,000					41,000			4,900			331,000		
		2-Nov-93	F	21.5 B	12.8 U	0.5 U	80.7 B	126,000	29.1	1.3 U	517.0	0.5 U	28,300	651.0	9.1 U	4,020 B	3.5 U	1.8 U	283,000	3.6 B	4.2 B
		25-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	245,000	10.0 U	25.0 U	270.0	6.0	53,000	1070.0	330.0	7,140	5.0 U	10.0 U	372,000	50 U	230.0
		25-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	249,000	10.0 U	25.0 U	300.0	5.0	54,000	1100.0	340.0	7,250	5.0 U	10.0 U	378,000	50 U	290.0
		26-Mar-97	F	20.2 B	60.0 U	10.0 U	69.2 B	168,000	1.8 B	16.7 B	136.0	5.0 U	35,300	937.0	197.0	10,300	5.0 U	10.0 U	375,000	50 U	103.0

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_MCAS08	410	6-Feb-90	NA	1.0 U		5.0 U	263.0	27,000	6.6	1.0 U	1282.0	1.0 U	5,400	60.0		2,400	5.0 U	0.9	296,000		50.0 U
		2-Dec-90	NA	1.0 U		5.0 U	160.0	27,000	1.0 U	14.0	30.0	1.0 U	4,700	50.0		2,500	5.0 U	5.0 U	302,000		50.0 U
		22-May-91	NA	1.0 U		5.0 U	180.0	28,000	1.0 U	9.8	62.0	1.0 U	4,400	50.0		2,400	5.0 U	1.8	294,000		50.0 U
		5-Nov-91	NA					24,000					4,400			2,500			302,000		
		10-Jul-92	F					29,000					5,700			2,700			315,000		
		5-Aug-93	F	15.9 B	12.7 U	0.7 B	227.0	27,300	2.8 U	1.1 U	658.0	0.5 U	5,750	57.1	7.5 U	2,740 B	3.5 U	1.8 U	295,000	1.8 U	6.1 B
		1-Feb-96	F	200.0 U	60.0 U	10.0 U	272.0	32,000	10.0 U	25.0 U	870.0	4.0	6,520	76.0	40.0 U	3,120 J	103.0	10.0 U	324,000	50 U	20.0 U
		1-Feb-96	UF	200.0 U	60.0 U	10.0 U	267.0	33,000	10.0 U	25.0 U	1100.0	3.0 U	6,290	70.0	40.0 U	3,150 J	103.0	10.0 U	313,000	50 U	20.0 U
		26-Mar-97	F	21.6 B	60.0 U	10.0 U	238.0	29,000	10.0 U	5.4 B	985.0	5.0 U	6,010	59.9	40.0 U	4,040 B	3.7 B	10.0 U	296,000	50 U	3.9 B
18_MCAS09	445	27-Oct-89	NA	48.0		6.7	76.0	53,000	4.0	3.5	113.0	1.0 U	7,600	238.0		100 U	5.0 U	0.4	78,000		52.0
		12-Feb-90	NA	1.0 U		5.0 U	46.0	52,000	153.0	1.0 U	1180.0	1.0 U	14,000	80.0		2,200	5.0 U	0.1	80,000		50.0 U
		13-Jul-90	NA	29.0		5.0 U	46.0	62,000	2.0	1.0 U	1400.0	1.0 U	14,000	64.0		2,500	5.0 U	1.0 U	80,000		50.0 U
		18-Mar-91	NA	21.0		5.0 U	31.0	73,000	15.0	16.0	1.3	1.0 U	15,000	37.0		2,800	5.4	1.0 U	89,000		340.0
		7-Dec-91	NA	6.3		6.9	46.0	67,000	1.6	5.2	130.0	1.0 U	18,000	29.0		2,800	5.0 U	1.0 U	84,000		50.0 U
		6-May-92	F					72,000					17,000			2,800			87,000		
		5-Nov-93	F	19.2 U	12.8 U	4.0 B	43.6 B	66,900	2.2 U	1.3 U	198.0	0.5 U	16,700	27.5	9.1 U	2,930 B	2.1 B	1.8 U	82,500	23.6 B	3.9 U
		5-Nov-93	F		17.1 B	4.3 B	44.0 B	67,600			225.0		16,800	28.4		3,060 B			83,000	25.4 B	5.0 B
		16-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	71,000	10.0 U	25.0 U	820.0	3.0 U	18,000	56.0	40.0 U	2,750 J	5.0 U	10.0 U	90,000	50 U	20.0 U
		16-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	72,000	10.0 U	25.0 U	850.0	3.0 U	19,000	57.0	40.0 U	2,870 J	5.0 U	10.0 U	90,000	50 U	20.0 U
		26-Mar-97	F	109.0 B	60.0 U	3.0 B	47.4 B	63,500	1.3 B	9.1 B	646.0	1.8 B	16,100	49.0	8.1 B	2,930 B	3.0 B	10.0 U	76,900	21.1 B	41.7
18_MCAS10	375	31-Jan-90	NA	4.0 U		5.2	22.0	78,000	16.0	0.1 U	962.0	1.0 U	34,000	110.0		2,900	5.0 U	0.1 U	119,000		50.0 U
		20-Jul-90	NA	34.0		5.0 U	30.0	90,000	1.0 U	1.0 U	980.0	1.0 U	53,000	35.0		3,200	5.0 U	1.7	121,000		50.0 U
		3-Feb-91	NA	20.0		5.0 U	20.0	103,000	12.0	26.0	1100.0	1.0 U	43,000	48.0		3,300	1.0 U	1.0 U	126,000		50.0 U
		7-Dec-91	NA	19.0		8.4	27.0	97,000	2.6	10.0	98.0	1.0 U	41,000	34.0		3,400	5.0 U	1.0 U	120,000		50.0 U
		8-May-92	F					99,000					42,000			3,300			119,000		
		4-Nov-93	F	19.2 U	17.1 B	2.2 B	26.7 B	95,100	2.2 U	1.3 U	72.8 B	0.5 U	40,300	19.0	9.1 U	3,470 B	12.2 B	1.8 U	114,000	19.1 B	6.0 B
		19-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	89,000	10.0 U	25.0 U	350.0	3.0 U	39,000	66.0	40.0 U	2,790 J	5.0 U	10.0 U	112,000	50 U	20.0 U
		19-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	87,000	10.0 U	25.0 U	280.0	3.0 U	39,000	61.0	40.0 U	2,750 J	5.0 U	10.0 U	109,000	50 U	20.0 U
		18-Mar-97	F	15.8 B	60.0 U	2.1 B	24.9 B	95,000	0.8 B	2.1 B	712.0	5.0 U	40,600	112.0	40.0 U	4,140 B	11.2	10.0 U	115,000	12.5 B	3.7 B
		18-Mar-97	UF	18.6 B	60.0 U	2.0 B	23.9 B	92,800	0.5 B	3.6 B	652.0	5.0 U	40,200	108.0	40.0 U	4,070 B	11.2	10.0 U	115,000	12.7 B	4.7 B
18_PS1	122	22-Jan-89	NA					380,000	2.9 U	15.0	1200.0		100,000	410.0		5,900			140,000		270.0
		2-Jul-93	F	18.8 B	30.4 B	2.7 BN	31.7 BE	242,000		0.7 U	8.2 U	0.4 U	66,400	1.3 B	7.1 U	3,000 B	78.0 N	1.2 U	122,000	16.7 B	8.8 B
		19-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	307,000	10.0 U	25.0 U	100.0 U	3.0 U	80,000	15.0 U	40.0 U	2,340 J	32.0	10.0 U	104,000	50 U	20.0 U
		19-Jan-96	UF	980.0	60.0 U	10.0 U	200.0 U	310,000	17.0	25.0 U	390.0	3.0 U	80,000	37.0	40.0 U	2,310 J	34.0	10.0 U	103,000	50 U	20.0 U
		17-Mar-97	F	38.7 B	60.0 U	10.0 U	35.9 B	248,000	5.1 B	3.5 B	100.0 U	1.3 B	64,400	1.3 B	40.0 U	3,090 B	29.7	10.0 U	96,300	14.6 B	8.5 B
		17-Mar-97	UF	19.8 B	60.0 U	10.0 U	37.1 B	259,000	5.3 B	3.6 B	100.0 U	5.0 U	65,500	1.2 B	40.0 U	3,170 B	31.0	10.0 U	98,700	15.1 B	10.8 B
18_PS2	133	22-Jan-89	NA					560,000		15.0	640.0		230,000	180.0		5,400	260.0		260,000		80.0
		15-Dec-92	F	31.0 U	22.3 B	0.7 U	15.5 BE	337,000	3.7 U	0.9 U	2.3 U	0.6 UW	134,000	1.1 B	7.7 U	2,930 B	138.0	2.1 U	212,000	17.7 B	2.9 B
		12-Jul-93	F	34.0 B	38.8 B	1.7 B	12.8 BE	293,000	2.9 U	0.7 U	8.2 U	0.4 U	113,000	0.6 B	7.1 U	2,740 B	109.0	1.2 U	194,000	19.8 B	6.2 B
		18-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	200,000	10.0 U	25.0 U	100.0 U	3.0 U	84,000	15.0 U	40.0 U	1,920 J	48.0	10.0 U	175,000	50 U	20.0 U
		18-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	218,000	10.0 U	25.0 U	100.0 U	3.0 U	86,000	15.0 U	40.0 U	1,950 J	50.0	10.0 U	177,000	50 U	33.0
		25-Mar-97	F	14.0 B	60.0 U	10.0 U	16.1 B	202,000	6.3 B	10.3 B	7.7 B	5.0 U	79,000	2.4 B	1.3 B	3,230 B	53.1	10.0 U	176,000	18.2 B	6.5 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_PS3	122	23-Jan-89	NA					140,000		13.0	410.0		39,000	320.0		4,000			130,000		43.0
		10-Dec-92	F	31.0 U	12.1 U	1.6 B	134.0 B	103,000	3.7 U	7.7 B	38.5 B	1.5 B	27,900	2.4 B	7.7 U	2,130 B	4.1 B	2.1 U	151,000	28.4 B	8.8 B
		7-Jun-93	F	13.7 B	9.0 U	3.9 BW	125.0 B	99,300	2.9 U	4.9 B	8.2 U	1.0 B	26,500	0.9 B	7.1 U	1,770 B	4.8 BW	1.2 U	146,000	26.8 B	10.2 B
		22-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	110,000	10.0 U	25.0 U	100.0 U	4.0	30,000	15.0 U	40.0 U	2,990 J	5.0 U	10.0 U	114,000	50 U	20.0 U
		22-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	109,000	10.0 U	25.0 U	100.0 U	5.0	31,000	15.0 U	40.0 U	3,100 J	5.0 U	10.0 U	120,000	50 U	20.0 U
		14-Mar-97	F	8.0 B	60.0 U	10.0 U	112.0 B	95,600	2.4 B	3.9 B	8.6 B	5.0 U	24,800	3.8 B	1.5 B	2,690 B	3.2 B	10.0 U	105,000	18.5 B	16.9 B
18_PS4	118	22-Jan-89	NA					160,000		9.0 U	380.0		42,000	440.0		3,400	1.0 U		150,000		33.0
		11-Dec-92	F	31.0 U	12.1 U	0.7 U	82.0 B	135,000	3.7 U	19.8 B	18.7 B	1.9 B	34,000	0.8 U	7.7 U	2,510 B	2.6 BW	2.1 U	138,000	20.8 B	21.7
		7-Jun-93	F	16.8 B	14.4 B	1.3 BW	103.0 B	146,000	2.9 U	5.6 B	8.2 U	0.4 U	37,400	0.9 B	7.1 U	2,320 B	4.6 BN	1.2 U	166,000	21.2 B	9.7 B
		21-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	158,000	10.0 U	25.0 U	100.0 U	5.0	41,000	15.0 U	40.0 U	3,460 J	5.0 U	10.0 U	143,000	50 U	20.0 U
		21-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	160,000	10.0 U	25.0 U	100.0 U	6.0	41,000	15.0 U	40.0 U	3,470 J	5.0 U	10.0 U	144,000	50 U	20.0 U
		14-Mar-97	F	200.0 U	60.0 U	10.0 U	51.3 B	123,000	1.1 B	25.0 U	100.0 U	5.0 U	30,400	15.0 U	40.0 U	3,330 B	5.0 U	10.0 U	129,000	19.3 B	5.1 B
18_PS5	126	23-Jan-89	NA					240,000		10.0	250.0		69,000	71.0		3,200	11.0		90,000		110.0
		16-Dec-92	F	31.0 U	18.0 B	0.7 UW	41.2 B	218,000	3.7 U	0.9 U	19.1 B	0.6 U	54,700	0.8 U	7.7 U	1,950 B	23.2 BW	2.1 U	77,900	17.5 B	2.2 U
		8-Jun-93	F	18.1 B	14.2 B	0.8 UW	41.2 B	221,000	2.9 U	0.7 U	8.2 U	0.4 U	55,400	1.2 B	7.1 U	1,860 B	8.6 BN	1.2 U	79,200	18.4 B	12.4 B
		22-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	218,000	10.0 U	25.0 U	100.0 U	3.0 U	55,000	15.0 U	40.0 U	1,890 J	7.0	10.0 U	80,000	50 U	20.0 U
		22-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	227,000	10.0 U	25.0 U	100.0 U	3.0 U	57,000	15.0 U	40.0 U	1,920 J	7.0	10.0 U	82,000	50 U	20.0 U
		17-Mar-97	F	21.7 B	60.0 U	2.3 B	28.3 B	136,000	4.2 B	2.9 B	100.0 U	5.0 U	33,300	1.2 B	40.0 U	2,070 B	6.2	10.0 U	72,700	17.7 B	5.3 B
		17-Mar-97	UF	19.2 B	60.0 U	2.9 B	29.2 B	143,000	4.7 B	2.4 B	100.0 U	5.0 U	35,100	3.1 B	40.0 U	2,300 B	5.9	10.0 U	79,800	19.1 B	5.8 B
18_PS6	150	23-Jan-89	NA					180,000		19.0	720.0		62,000	290.0		5,000	42.0		160,000		22.0
		15-Dec-92	F	31.0 U	12.1 U	0.7 U	31.8 B	250,000	3.7 U	0.9 U	2.3 U	0.6 U	67,000	1.0 B	7.7 U	2,790 B	136.0	2.1 U	137,000	19.3 B	2.2 U
		15-Dec-92	F	31.0 U	19.9 B	0.7 U	31.8 B	251,000	3.7 U	0.9 U	7.6 B	0.6 U	67,000	1.3 B	7.7 U	2,790 B	114.0	2.1 U	136,000	18.9 B	2.2 U
		26-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	206,000	10.0 U	25.0 U	100.0 U	4.0	56,000	15.0 U	40.0 U	2,320 J	51.0	10.0 U	120,000	50 U	20.0 U
		26-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	205,000	13.0	25.0 U	350.0	7.0	56,000	15.0 U	40.0 U	2,340 J	63.0		119,000	50 U	20.0 U
		25-Mar-97	F	359.0	60.0 U	10.0 U	28.7 B	199,000	6.5 B	8.3 B	483.0	1.4 B	52,500	9.6 B	1.9 B	3,320 B	37.2	10.0 U	107,000	20.3 B	5.0 B
18_PS7	126	23-Jan-89	NA					74,000		10.0	150.0		23,000	71.0		4,400	1.0 U		100,000		17.0
		16-Dec-92	F	31.0 U	13.0 B	3.9 B	62.6 B	74,800	3.7 U	0.9 U	2.3 U	0.6 U	19,700	0.8 U	7.7 U	1,680 B	34.7 B	2.1 U	142,000	26.8 B	2.2 U
		2-Jul-93	F	12.8 B	12.8 B	4.1 BN	66.9 BE	65,900	2.9 U	1.1 B	8.2 U	0.4 U	17,900	0.7 B	7.1 U	1,830 B	1.5 BW	1.2 U	117,000	25.8 B	13.2 B
		22-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	87,000	10.0 U	25.0 U	100.0 U	3.0 U	23,000	15.0 U	40.0 U	1,450 J	5.0 U	10.0 U	151,000	50 U	20.0 U
		22-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	89,000	10.0 U	25.0 U	100.0 U	3.0 U	23,000	15.0 U	40.0 U	1,460 J	5.0 U	10.0 U	150,000	50 U	20.0 U
		14-Mar-97	F	200.0 U	60.0 U	2.1 B	92.9 B	95,900	1.5 B	1.4 J	100.0 U	5.0 U	24,800	15.0 U	40.0 U	2,490 B	5.0 U	10.0 U	151,000	24 B	4.8 B
18_PS8	145	23-Jan-89	NA					140,000		9.0 U	810.0		48,000	670.0		7,000	6.0		100,000		130.0
		14-Dec-92	F	31.0 U	21.4 B	0.7 U	44.7 B	126,000	3.7 U	0.9 U	2.9 B	0.6 U	33,500	0.8 U	7.7 U	2,060 B	8.7 S	2.6 B	109,000	18.3 B	4.6 B
		6-Jul-93	F	32.7 B	28.2 B	2.0 B	44.5 B	123,000	2.9 U	2.6 B	16.5 B	0.4 U	35,300	0.8 B	7.1 U	2,210 B	7.3 SN	1.2 U	102,000	17.2 B	3.7 B
		26-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	121,000	10.0 U	25.0 U	100.0 U	3.0 U	33,000	15.0 U	40.0 U	1,790 J	11.0	10.0 U	120,000	50 U	20.0 U
		26-Jan-96	UF	23.0 J	60.0 U	10.0 U	200.0 U	122,000	10.0 U	25.0 U	100.0 U	3.0 U	33,000	15.0 U	40.0 U	1,790 J	13.0	10.0 U	120,000	50 U	20.0 U
		20-Mar-97	F	11.6 B	60.0 U	10.0 U	56.1 B	143,000	4.4 B	3.3 B	23.6 B	5.0 U	34,400	3.5 B	67.1	3,100 B	12.8	10.0 U	83,900	11.8 B	6.4 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
18_RW1	470	11-Sep-89	NA					94,000		50.0 U	1300.0		24,000	50.0 U		3,000			162,000		50.0 U
		14-Dec-92	F	43.2 B	10.7 U	1.3 B	34.3 B	89,800	3.3 B	2.3 U	55.3 B	1.4 U	22,400	30.7	5.3 U	2,680 B	2.2 BW	2.0 U	161,000	5.2 B	9.6 U
		15-Dec-92	F	46.0 B	13.5 B	1.0 U	33.1 B	88,900	2.9 U	2.3 U	80.2 B	1.4 U	22,300	29.3	5.3 U	2,460 B	2.1 U	2.0 U	162,000	3.1 B	9.6 U
		8-Jul-93	F	17.6 B	17.0 B	2.4 B	33.2 BE	89,700	2.9 U	1.4 B	32.8 B	0.4 U	20,300	17.3	7.1 U	2,700 B	3.5 U	1.2 U	158,000	6.3 B	2.3 B
		23-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	92,000	10.0 U	25.0 U	260.0	5.0	22,000	63.0	40.0 U	3,010 J	5.0	10.0 U	169,000	50 U	20.0 U
		23-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	92,000	10.0 U	25.0 U	6780.0	5.0	22,000	74.0	40.0 U	3,010 J	5.0 U	10.0 U	169,000	50 U	20.0 U
		17-Mar-97	F	15.5 B	60.0 U	2.6 B	28.7 B	73,100	1.0 B	8.8 B	290.0	5.0 U	17,700	52.6	40.0 U	3,170 B	5.6	10.0 U	131,000	6.5 B	6.2 B
		17-Mar-97	UF	17.6 B	60.0 U	2.0 B	32.0 B	78,900	0.8 B	1.6 B	344.0	5.0 U	19,500	60.2	40.0 U	3,520 B	4.6 B	10.0 U	145,000	7.4 B	6.1 B
18_RW2	310	11-Sep-89	NA					85,000		50.0 U	5500.0		16,000	80.0		2,700			132,000		80.0
		22-Dec-92	F	39.4 U	18.7 B	3.0 B	40.3 B	82,000	3.0 B	2.3 U	93.5 B	1.4 U	16,100	17.0	5.3 U	2,560 B	19.3 S	2.0 U	112,000	9.7 B	9.6 U
		13-Jul-93	F	11.8 B	9.0 U	3.4 B	42.3 B	87,300	2.9 U	0.8 B	8.2 U	0.4 U	16,300	2.2 B	7.1 U	2,890 B	11.8 N	1.2 U	114,000	11.6 B	2.7 B
		24-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	91,000	10.0 U	25.0 U	270.0	3.0 U	16,000	29.0	40.0 U	2,310 J	11.0	10.0 U	109,000	50 U	20.0 U
		24-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	92,000	10.0 U	25.0 U	590.0	3.0 U	16,000	33.0	40.0 U	2,360 J	11.0	10.0 U	111,000	50 U	20.0 U
		14-Mar-97	F	200.0 U	60.0 U	10.0 U	41.6 B	88,700	10.0 U	5.7 B	111.0	5.0 U	16,300	20.9	40.0 U	3,570 B	12.9	10.0 U	118,000	7.9 B	6.0 B
18_RW3	390	11-Sep-89	NA					72,000		50.0 U	820.0		18,000	60.0		3,400			182,000		50.0 U
		4-Jun-93	F	29.4 B	9.0 U	2.2 BW	43.3 B	244,000	2.9 U	0.7 U	30.0 B	0.4 U	52,000	6.7 B	7.1 U	2,250 B	11.8 BW	1.2 U	194,000	18.1 B	8.0 B
		25-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	76,000	10.0 U	25.0 U	1100.0	4.0	19,000	91.0	40.0 U	2,560 J	6.0	10.0 U	174,000	50 U	20.0 U
		25-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	75,000	10.0 U	25.0 U	3330.0	4.0	18,000	110.0	40.0 U	2,550 J	5.0 U	10.0 U	170,000	50 U	20.0 U
18_RW4	85	11-Sep-89	NA					250,000		50.0 U	530.0		60,000	50.0 U		2,100			225,000		50.0 U
		7-Jun-93	F	16.2 B	9.0 U	1.8 BW	25.6 B	58,600	2.9 U	0.7 U	221.0	0.4 U	16,100	35.0	7.1 U	2,840 B	3.5 UN	1.2 U	168,000	8.0 B	4.1 B
		26-Jan-96	F	200.0 U	60.0 U	10.0 U	200.0 U	229,000	10.0 U	25.0 U	100.0 U	5.0	50,000	15.0 U	40.0 U	1,690 J	10.0	10.0 U	212,000	50 U	20.0 U
		26-Jan-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	231,000	10.0 U	25.0 U	1800.0	5.0	49,000	34.0	40.0 U	1,750 J	7.0	10.0 U	211,000	50 U	20.0 U
19_DBMW54	181	18-Dec-92	F	67.4 B	13.2 B	1.0 B	26.5 B	102,000	3.7 U	1.2 B	4.5 B	0.6 U	31,300	8.7 B	40.8	2,510 B	36.6	2.2 B	71,100	13.8 B	31.3
		22-Jun-93	F	27.3 B	13.7 B	0.6 U	26.2 BE	104,000	5.0 B	3.0 B	35.1 B	0.4 U	33,100	11.8 B	263.0	2,590 B	18.0 BN*	1.2 U	78,700	10.2 B	18.4 B
		19-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	114,000	10.0 U	25.0 U	100.0 U	6.0	35,000	15.0 U	60.0	2,930 J	5.0 U	10.0 U	69,000	50 U	22.0
		19-Feb-96	UF	430.0	60.0 U	10.0 U	200.0 U	115,000	281.0	25.0 U	2730.0	10.0	35,000	49.0	96.0	3,060 J	5.0 U	10.0 U	69,000	50 U	66.0
		11-Mar-97	F	15.2 B	60.0 U	10.0 U	29.8 B	113,000	5.3 B	2.5 B	34.8 B	5.0 U	35,600	3.7 B	42.7	2,800 B	15.3	10.0 U	74,000	13.8 B	5.5 B
19_DGMW85	183	16-Dec-92	F	31.0 U	20.2 B	0.7 B	26.5 B	113,000	5.2 B	2.1 B	71.5 B	0.6 U	35,500	73.7	167.0	3,630 B	21.6 S	2.2 B	83,700	9.9 B	2.2 U
		16-Dec-92	F	31.0 U	12.1 U	0.8 B	26.3 B	114,000	4.2 B	0.9 U	75.6 B	0.6 U	35,500	77.4	172.0	3,660 B	21.8 S	3.9 B	82,400	9.9 B	2.2 U
		10-Jun-93	F	18.7 B	9.0 U	0.8 U	27.8 BE	130,000	6.5 B	1.2 B	142.0	0.4 U	41,200	53.9	618.0	3,830 B	27.2 N	1.9 B	92,100	8.4 B	7.0 B
		19-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	134,000	10.0 U	25.0 U	100.0 U	5.0	45,000	19.0	660.0	3,130 J	5.0 U	10.0 U	95,000	50 U	65.0
		19-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	137,000	227.0	25.0 U	2150.0	7.0	46,000	35.0	680.0	3,330 J	11.0	10.0 U	97,000	50 U	94.0
		11-Mar-97	F	13.2 B	3.2 B	10.0 U	37.0 B	145,000	8.0 B	3.3 B	18.1 B	5.0 U	46,800	6.7 B	476.0	3,240 B	19.3	10.0 U	110,000	7.2 B	8.1 B
19_DGMW86	198	17-Dec-92	F	31.0 U	19.4 B	1.0 B	37.9 B	112,000	5.0 B	0.9 U	6.8 B	0.6 U	38,100	152.0	116.0	4,240 B	22.2 S	2.8 B	74,500	8.1 B	20.4
		11-Jun-93	F	19.4 B	9.0 U	0.8 B	39.7 BE	144,000	2.9 U	0.7 B	20.5 B	0.4 U	44,800	36.0	210.0	3,730 B	28.2 N	1.2 U	65,600	5.8 B	4.9 B
		27-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	158,000	10.0 U	25.0 U	300.0	3.0 U	52,000	52.0	760.0	3,240 J	25.0	10.0 U	70,000	50 U	20.0 U
		27-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	156,000	130.0	25.0 U	4140.0	3.0 U	51,000	90.0	770.0	3,270 J	24.0	10.0 U	68,000	50 U	26.0
		27-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	141,000	11.0	25.0 U	210.0	3.0 U	49,000	20.0	730.0	3,790 J	19.0	10.0 U	75,000	50 U	17.0 J
		27-Feb-96	UF	910.0	60.0 U	10.0 U	200.0 U	145,000	85.0	25.0 U	2540.0	3.0 U	49,000	170.0	865.0	3,900 J	18.0	10.0 U	74,000	50 U	72.0
		11-Mar-97	F	18.3 B	3.2 B	10.0 U	40.7 B	143,000	4.6 B	1.9 B	100.0 U	5.0 U	42,800	11.6 B	284.0	3,150 B	33.1	10.0 U	67,900	8 B	9.4 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type	Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
			50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
19_UGMW35	185	8-Dec-92 F	31.0 U	19.6 B	0.7 UW	21.2 B	94,900	4.0 B	1.2 B	73.0 B	0.6 U	28,800	65.0	178.0	3,110 B	16.0 BN*	2.1 U	54,000	10.1 B	125.0
		15-Jul-93 F	11.4 B	12.7 U	1.7 BW	27.2 B	102,000	4.1 B	1.1 U	99.8 B	0.4 U	30,500	32.7	529.0	2,960 B	13.8 SN	1.8 U	59,700	9.4 B	37.9
		8-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	109,000	10.0 U	25.0 U	100.0 U	3.0 U	34,000	19.0	270.0	2,320 J	7.0	10.0 U	59,000	50 U	20.0 U
		8-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	114,000	160.0 U	25.0 U	1100.0	3.0 U	35,000	33.0	340.0	2,490 J	6.0	10.0 U	60,000	50 U	20.0 U
		8-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	111,000	160.0	25.0 U	100.0 U	3.0 U	35,000	20.0	280.0	2,390 J	8.0	10.0 U	60,000	50 U	20.0 U
		8-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	113,000	212.0	25.0 U	1200.0	3.0 U	35,000	37.0	430.0	2,470 J	6.0	10.0 U	61,000	50 U	20.0 U
		16-Mar-97 * F	69.8 B	60.0 U	2.3 B	39.1 B	110,000	8.1 B	4.5 B	152.0	5.0 U	32,900	43.6	584.0	2,870 B	13.4	10.0 U	73,000	9.2 B	10.8 B
		16-Mar-97 * UF	19.2 B	60.0 U	10.0 U	36.6 B	106,000	7.9 B	25.0 U	133.0	5.0 U	31,900	42.3	561.0	2,750 B	14.3	10.0 U	70,600	8.2 B	15.4 B
20_DBMW55	227	9-Dec-92 F	31.0 U	31.2 B	0.8 BW	25.9 B	275,000	3.7 U	0.9 U	2.3 U	0.6 U	128,000	65.0	28.2 B	5,910	85.8 N*	2.1 U	115,000	13.6 B	187.0
		17-Jun-93 F	52.4 B	41.8 B	2.2 B	29.0 B	248,000	2.9 U	4.1 B	146.0	0.4 U	116,000	20.3	41.2	7,570	59.8	1.5 B	154,000	11.0 B	35.4
		27-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	179,000	38.0	25.0 U	280.0	3.0 U	89,000	31.0	510.0	9,740	107.0	10.0 U	187,000	50 U	100.0
		27-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	174,000	372.0	25.0	3190.0	5.0	86,000	55.0	530.0	9,330	109.0	10.0 U	178,000	50 U	170.0
		5-Mar-97 F	200.0 U	60.0 U	1.8 B	24.1 B	203,000	4.7 B	4.7 B	37.3 B	5.0 U	96,800	17.9	386.0	9,010	124.0	10.0 U	168,000	5.2 B	14.6 B
20_DGMW88	225	4-Nov-92 F	31.0 U	16.2 B	0.7 U	30.8 B	174,000	3.7 U	1.3 B	1.3 B	0.6 U	81,600	21.9	36.0 B	3,450 B	33.7 BW	2.1 U	76,200	10.5 B	10.5 B
		17-Jun-93 F	69.9 B	27.1 B	2.2 B	30.4 B	194,000	2.9 U	1.4 B	10.7 B	0.4 U	90,200	6.4 B	40.2	4,110 B	59.2	1.5 B	83,800	11.4 B	16.5 B
		1-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	298,000	10.0 U	25.0 U	184.0	3.0	151,000	53.0	510.0	4,740 J	106.0	10.0 U	144,000	50 U	20.0 U
		1-Feb-96 UF	207.0	60.0 U	10.0 U	200.0 U	321,000	##### U	97.0	14900.0	3.0 U	163,000	170.0	690.0	5,750	98.0	10.0 U	162,000	50 U	37.0
		1-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	301,000	10.0 U	25.0 U	137.0	3.0 U	158,000	54.0	560.0	5,950	107.0	10.0 U	161,000	50 U	20.0 U
		1-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	293,000	#####	94.0	14700.0	4.0	153,000	160.0	660.0	5,700	96.0	10.0 U	156,000	50 U	37.0
		20-Mar-97 * F	200.0 U	60.0 U	10.0 U	28.6 B	252,000	4.8 B	5.7 B	40.2 B	5.0 U	113,000	27.7	758.0	4,300 B	116.0	10.0 U	108,000	2.8 B	11.5 B
20_UGMW36	223	28-Oct-92 F	31.0 U	12.1 U	0.7 U	44.0 BE	208,000	3.7 U	0.9 U	52.4 B	0.6 U	98,200	64.2	73.2	4,660 B	85.9 N	2.1 U	134,000	6.0 B	45.1
		18-Jun-93 F	22.8 B	20.2 B	2.4 B	49.1 B	240,000	2.9 U	0.7 U	13.5 B	0.4 U	113,000	31.5	71.8	5,250	138.0	1.2 U	161,000	7.6 B	4.0 B
		5-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	254,000	10.0 U	25.0 U	100.0 U	3.0 U	127,000	17.0	260.0	4,450 J	84.0	10.0 U	146,000	50 U	20.0 U
		5-Feb-96 UF	255.0	60.0 U	10.0 U	200.0 U	259,000	30.0	25.0 U	620.0	3.0	131,000	46.0	270.0	4,680 J	82.0	10.0 U	151,000	50 U	20.0 U
		27-Mar-97 F	31.3 B	2.8 U	1.8 U	30.2 B	250,000	3.6 B	7.6 B	90.9 B	1.5 B	113,000	14.6 B	473.0	4,890 B	143.0	1.1 U	136,000	5.7 B	21.6
21_DBMW56	132	18-Nov-92 F	31.0 U	12.1 U	0.7 U	28.6 B	161,000	3.7 U	0.9 U	5.1 B	0.6 U	45,300	7.2 B	13.3 B	2,110 B	7.4 BN	2.1 U	78,300	16.3 B	11.4 B
		18-Nov-92 F	31.0 U	12.1 U	0.7 U	28.8 B	161,000	3.7 U	0.9 U	5.8 B	0.6 U	45,100	7.6 B	10.6 B	2,190 B	11.6 BN	2.1 U	78,100	17.4 B	16.5 B
		24-Jun-93 F	12.1 B	24.8 B	0.8 UW	29.8 BE	161,000	2.9 U	1.2 B	49.6 B	0.4 U	46,400	8.0 B	116.0	2,070 B	16.6 B	1.2 U	81,700	15.6 B	4.2 B
		15-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	156,000	10.0 U	25.0 U	100.0 U	3.0	48,000	15.0 U	46.0	2,920 J	5.0 U	10.0 U	89,000	50 U	20.0 U
		15-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	162,000	20.0	25.0 U	176.0	4.0	51,000	15.0 U	71.0	3,250 J	5.0 U	10.0 U	99,000	50 U	20.0 U
		25-Mar-97 F	7.6 B	60.0 U	10.0 U	41.2 B	137,000	6.4 B	12.4 B	53.8 B	1.4 B	38,700	6.6 B	59.3	2,530 B	10.5	10.0 U	79,900	14.9 B	5.0 B
21_DGMW90	135	20-Nov-92 F	31.0 U	17.6 B	0.7 U	32.9 BE	161,000	3.7 U	0.9 U	51.9 B	0.6 U	46,700	90.4	113.0	2,770 B	13.5 BN	2.1 U	80,700	14.2 B	9.2 B
		10-Jun-93 F	35.7 B	10.6 B	0.8 UW	29.9 BE	153,000	3.6 B	0.7 U	35.9 B	0.4 U	44,800	23.5	194.0	2,690 B	14.4 BN	1.3 B	78,400	11.8 B	6.4 B
		2-Feb-96 F	200.0 U	60.0 U	10.0 U	200.0 U	134,000	10.0 U	25.0 U	100.0 U	3.0 U	40,000	18.0	260.0	1,790 J	108.0	10.0 U	57,000	50 U	20.0 U
		2-Feb-96 UF	200.0 U	60.0 U	10.0 U	200.0 U	138,000	55.0	25.0 U	2100.0	3.0 U	40,000	54.0	300.0	1,800 J	99.0	10.0 U	66,000	50 U	20.0 U
		20-Mar-97 * F	12.5 B	60.0 U	10.0 U	31.0 B	154,000	4.7 B	3.0 B	30.4 B	5.0 U	41,500	12.6 B	497.0	2,570 B	6.5	10.0 U	70,400	8.3 B	8.7 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)

Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
21_UGMW37	130	13-Nov-92	F	48.1 B	12.1 U	0.7 U	25.3 B	144,000	3.7 U	0.9 U	8.5 B	0.6 U	39,400	13.7 B	102.0	2,550 B	9.5 SN	2.1 U	83,100	13.6 B	5.1 B
		7-Jul-93	F	15.7 B	24.1 B	0.7 B	33.8 B	153,000	2.9 U	0.8 B	23.0 B	0.4 U	39,600	5.5 B	194.0	2,180 B	11.4 BN	1.2 U	91,900	16.6 B	1.9 B
		12-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	169,000	10.0 U	25.0 U	100.0 U	3.0 U	49,000	15.0 U	490.0	2,880 J	10.0	10.0 U	105,000	50 U	20.0 U
		12-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	165,000	22.0	25.0 U	250.0	3.0 U	48,000	15.0 U	460.0	2,840 J	9.0	10.0 U	103,000	50 U	20.0 U
		25-Mar-97	F	200.0 U	60.0 U	10.0 U	34.8 B	138,000	6.7 B	5.1 B	74.4 B	1.7 B	35,700	10.6 B	405.0	2,170 B	12.3	10.0 U	84,600	10.6 B	7.6 B
22_DBMW47	156	29-Sep-92	F	31.0 U	16.6 B	1.7 B	32.2 B	187,000	3.7 U	0.9 U	2.3 U	0.6 U	50,500	5.4 B	7.7 U	2,460 B	28.9 S	2.1 U	82,800	17.2 B	2.2 U
		13-Jul-93	F	16.0 B	17.6 B	2.0 B	29.7 B	176,000	2.9 U	0.8 B	8.8 B	0.4 U	49,200	2.9 B	21.8 B	2,560 B	23.0 BN	1.2 U	83,300	15.9 B	1.2 B
		15-Feb-96	F	200.0 U	60.0 U	10.0 U	200.0 U	191,000	10.0 U	25.0 U	100.0 U	3.0 U	59,000	15.0 U	40.0 U	3,890 J	13.0	10.0 U	103,000	50 U	20.0 U
		15-Feb-96	UF	200.0 U	60.0 U	10.0 U	200.0 U	165,000	12.0	25.0 U	114.0	3.0 U	48,000	15.0 U	40.0 U	3,000 J	11.0	10.0 U	78,000	50 U	20.0 U
		24-Mar-97	F	200.0 U	60.0 U	10.0 U	36.9 B	165,000	4.9 B	3.8 B	100.0 U	5.0 U	44,500	1.3 B	14.4 B	3,070 B	15.2	10.0 U	80,000	14.8 B	4.3 B
24_NEW01	245	30-Oct-95	F	120000	8.4 B	26.7	659.0	182,000	166.0	85.2	132000 J	18.5	84,500	1430.0 J	154.0	34,900	20.8	0.8 U	98,500 J	390.0	553.0
		2-Nov-95	F	20.0 U	2.2 U	2.3 B	30.1 B	105,000	3.7 B	5.8 B	26.6 B	1.5 U	30,000	41.5	2.4 B	3,330 B	18.7	0.8 U	95,100	16.9 B	5.1 U
		2-Dec-96	F	14.2 B	60.0 U	2.1 B	42.5 B	120,000	4.3 B	25.0 U	37.0 B	1.6 B	32,100	20.1	253.0	3,140 B	11.7	10.0 U	88,600	16.6 B	6.4 B
		24-Mar-97	F	200.0 U	60.0 U	10.0 U	37.5 B	119,000	4.1 B	7.5 B	21.6 B	5.0 U	32,300	7.6 B	373.0	3,710 B	20.3	10.0 U	86,600	13.5 B	11.2 B
24_NEW04	148	26-Oct-95	F	11.8 B	8.1 B	2.1 U	37.5 B	129,000	5.1 B	5.5 B	51.0 J	1.5 U	35,700	23.7 J	88.4	3,060 B	10.7	0.8 U	93,200 J	11.4 B	3.8 B
		2-Dec-96	F	25.3 B	60.0 U	10.0 U	49.7 B	130,000	7.5 B	25.0 U	63.8 B	1.7 B	35,100	14.3 B	65.1	2,920 B	6.2	10.0 U	87,300	13.6 B	20.0 U
		21-Mar-97	F	54.3 B	60.0 U	10.0 U	47.0 B	130,000	12.7	2.4 B	142.0	5.0 U	33,400	23.0	105.0	3,050 B	11.1	10.0 U	80,900	12.4 B	9.3 B
24_NEW05	250	21-Nov-95	F	44.2 B	2.2 U	2.1 U	25.5 B	97,800	3.5 B	5.0 B	28.6 J	1.5 U	28,400	21.2	4.2 B	3,160 B	15.2	0.8 U	91,500 J	17.1 B	6.6 B
		2-Dec-96	F	21.7 B	60.0 U	2.7 B	36.1 B	96,000	3.4 B	25.0 U	100.0 U	1.1 B	26,400	8.3 B	114.0	3,310 B	6.5	10.0 U	80,400	17.8 B	3.7 B
		24-Mar-97	F	200.0 U	60.0 U	10.0 U	34.6 B	102,000	3.4 B	2.4 B	100.0 U	5.0 U	28,200	4.3 B	110.0	4,090 B	17.0	10.0 U	81,100	17.9 B	2.7 B
24_NEW06	185	25-Oct-95	F	9.9 U	2.2 U	2.1 U	54.5 B	84,200	17.6	2.7 B	21.9 J	1.5 U	24,500	38.3 J	16.1 B	3,240 B	5.3	0.8 U	84,700 J	23.7 B	14.3 B
		2-Dec-96	F	34.5 B	60.0 U	2.4 B	55.7 B	85,600	14.1	25.0 U	100.0 U	1.7 B	25,000	6.8 B	81.6	3,070 B	5.0 U	10.0 U	82,500	21.2 B	6.8 B
		19-Mar-97	F	200.0 U	60.0 U	10.0 U	51.8 B	91,300	14.0	4.1 B	11.8 B	5.0 U	25,000	6.8 B	224.0	3,550 B	7.7	10.0 U	78,300	18.5 B	6.4 B
24_NEW07	158	31-Oct-95	F	20.7 U	2.2 U	2.5 B	19.4 B	204,000	4.5 B	5.7 B	250.0	1.5 U	58,900	112.0	173.0	3,010 B	47.9	0.8 U	116,000	10.1 B	5.0 U
		2-Dec-96	F	13.1 B	60.0 U	10.0 U	26.4 B	221,000	9.3 B	25.0 U	382.0	1.9 B	63,400	70.8	290.0	2,820 B	40.6	10.0 U	130,000	10.3 B	5.5 B
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	24.6 B	225,000	8.7 B	6.2 B	211.0	5.0 U	63,100	42.8	260.0	3,030 B	49.1	10.0 U	125,000	9.6 B	12.0 B

Table 7-1: SUMMARY OF METALS ANALYSES
MCAS El Toro Groundwater Monitoring Program

TARGET ANALYTE LIST METALS AND REGULATORY STANDARDS — All Results in Micrograms per Liter (ug/L)																						
Station ID	Base Screen Depth (Ft BGS)	Sample Date - Type		Aluminum	Antimony	Arsenic	Barium	Calcium	Chromium	Copper	Iron	Lead	Magnesium	Manganese	Nickel	Potassium	Selenium	Silver	Sodium	Vanadium	Zinc
				50.0	6.0	50.0	1000.0		50.0	1000.0	300.0	15.0		50.0	100.0		50.0	50.0			5000.0
24_NEW08	162	1-Nov-95	F	21.5 U	2.2 U	2.9 B	20.5 B	174,000	5.4 B	3.8 B	114.0	1.5 U	54,100	72.3	241.0	3,810 B	48.0	0.8 U	147,000	11.8 B	5.9 U
		2-Dec-96	F	17.6 B	60.0 U	10.0 U	25.4 B	158,000	5.2 B	25.0 U	62.4 B	1.7 B	45,900	9.5 B	170.0	2,700 B	33.7	10.0 U	130,000	10.9 B	4.8 B
		12-Mar-97	F	200.0 U	60.0 U	10.0 U	24.9 B	163,000	5.2 B	6.1 B	42.2 B	5.0 U	48,200	6.5 B	129.0	3,110 B	43.9	10.0 U	129,000	11.8 B	10.2 B

EXPLANATION

1) This table lists the results in micrograms per liter (ug/L) for Target Analyte List (TAL) metals. Trace metals beryllium, cobalt, mercury, and thallium were not detected in 1996 samples; refer to the laboratory analytical reports for results. Cadmium was detected Nov-Dec-96 at the following locations and concentrations (ug/L): 13_DBMW49 (0.7, 0.8), 13_DGMW78 (4.1), 14_DBMW50 (1.3), 14_DGMW79 (1.4), 15_DBMW51 (4.1) The 1996 and 1997 sample results listed in this table are as reported in the APCL analytical reports (Appendix E, Groundwater Monitoring Reports).

2) Sample type: F = filtered sample, UF = unfiltered sample, NA = sample type not available
Askerisk (*) next to sample date denotes sample collected using low-flow purging procedure.

3) Data Qualification Flags: J = The associated value is an estimated quantity.
U = The material was analyzed for, but was not detected above the level of the associated value.
B = Reported value is less than the contract required detection limit, but greater than the instrument detection limit (IDL).
Data qualifiers for pre-1996 analytical results are presented herein as reported by previous contractors without accompanying explanation.

4) Regulatory standards in ug/L are listed at the top of each individual metal column.
Metals with Federal Maximum Contaminant Level (MCL): antimony, arsenic, beryllium, cadmium, mercury, nickel, selenium, and thallium.
Metals with Federal Secondary MCL: aluminum, copper, iron, manganese, and zinc.
Metals with State MCL: barium, chromium, and silver.
USEPA Action Level for lead.

5) = Result exceeds regulatory standard

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
01_DGMW57	63 - 83	20-Nov-96 *	10.0 U	10.00 U
		25-Mar-97 *	2.0 U	10.00 U
01_DGMW58	57 - 77	18-Nov-96	2.0 U	10.00 U
		13-Mar-97	2.0 U	10.00 U
01MW101	118 - 148	20-Nov-96	10.0 U	10.00 U
		13-Mar-97	2.0 U	10.00 U
01MW102	95 - 135	20-Nov-96	10.0 U	70.90
		13-Mar-97	2.0 U	10.00 U
01MW201	27 - 57	18-Nov-96	2.0 U	2.80 J
		13-Mar-97	2.0 U	0.73 J
02_DGMW59	69 - 89	4-Nov-96 *	2.0 U	2.10 J
		26-Mar-97 *	2.0 U	1.10 J
02_DGMW60	80 - 100	4-Nov-96 *	2.0 U	4.10 J
		26-Mar-97 *	2.0 U	2.40 J
02_DGMW61	80 - 100	4-Nov-96 *	2.0 U	4.10 J
		26-Mar-97 *	2.0 U	2.20 J
02_UGMW25	55 - 75	12-Nov-96 *	2.0	7.80 J
		26-Mar-97 *	2.0 U	5.70 J
02NEW1	115 - 135	4-Nov-96 *	2.0 U	2.50 J
		26-Mar-97 *	2.0 U	10.00 U
02NEW2	75 - 95	26-Nov-96 *	2.0 U	1.70 J
		26-Mar-97 *	2.0 U	1.30 J
02NEW3	185 - 225	7-Nov-96 *	2.0 U	4.30 J
		24-Mar-97 *	2.0 U	1.70 J
02NEW6	185 - 225	7-Nov-96 *	4.0	3.80 J
		24-Mar-97 *	2.0 U	2.30 J
02NEW7	103 - 143	8-Jan-97 *	2.0 U	2.70 J
		20-Mar-97 *	2.0 U	2.80 J
02NEW8A	84 - 104	7-Nov-96 *	2.0 U	3.20 J
		25-Mar-97 *	2.0 U	2.40 J
02NEW11	45 - 65	12-Nov-96 *	2.0 U	3.90 J
		25-Mar-97 *	3.0	0.88 J
02NEW12	209 - 249	7-Nov-96 *	2.0 U	4.00 J
		25-Mar-97 *	2.0 U	1.50 J
03_DBMW39	230 - 270	12-Nov-96	2.0 U	4.80 J
		17-Mar-97	4.0	4.20 J
		17-Mar-97	3.0 U	4.50 J

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
03_DGMW64	245 - 285	12-Nov-96	2.0 U	3.30 J
		12-Nov-96	2.0 U	3.60 J
		4-Mar-97	2.0 U	5.40 J
03_DGMW65X	230 - 270	11-Nov-96	2.0 U	6.90 J
		4-Mar-97	5.0	6.40 J
03_UGMW26	230 - 270	14-Nov-96	2.0 U	4.70 J
		14-Nov-96	4.0	4.60 J
		6-Mar-97	2.0 U	11.90
04_DBMW40	220 - 260	12-Nov-96	2.0 U	1.90 J
		5-Mar-97	2.0 U	2.00 J
04_DGMW66	250 - 290	12-Nov-96	3.0	6.70 J
		4-Mar-97	3.0	4.20 J
04_UGMW63	235 - 275	14-Nov-96	2.0 U	10.00 U
		14-Nov-96	2.0 U	10.00 U
05_DBMW41	182 - 222	13-Nov-96 *	2.0 U	2.70 J
		13-Mar-97	2.0	2.80 J
05_DGMW67	177 - 227	13-Nov-96 *	2.0 U	1.20 J
		14-Mar-97	4.0	2.60 J
05_DGMW68	190 - 210	15-Nov-96	2.0 U	2.50 J
		5-Mar-97	2.0 U	1.60 J
05_UGMW27	198 - 238	13-Nov-96	2.0 U	10.00 U
		13-Mar-97	2.0 U	10.00 U
05NEW1	163 - 203	13-Nov-96 *	2.0 U	4.80 J
		13-Mar-97 *	2.0 U	9.30 J
06_DGMW69	150 - 190	12-Mar-97	2.0 U	5.30 J
06_UGMW28	140 - 180	12-Mar-97	2.0 U	0.42 J
07_DBMW43	150 - 190	7-Mar-97	2.0 U	7.50 J
07_DGMW70	125 - 165	20-Mar-97	3.0	6.10 J
07_DBMW71	115 - 155	20-Mar-97	3.0	3.90 J
07_DGMW72	110 - 150	20-Mar-97	2.0	5.80 J
07_DGMW91	110 - 150	24-Mar-97	2.0	6.70 J
07_DBMW100	131 - 171	20-Mar-97	4.0	5.00 J
08_DGMW73	90 - 130	2-Dec-96		5.70 J
		2-Dec-96	2.0 U	4.30 J
		20-Mar-97	2.0 U	3.70 J

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
08_DGMW74	90 - 130	13-Nov-96	2.0 U	5.90 J
		19-Mar-97	3.0	4.70 J
		19-Mar-97	4.0	4.50 J
08_UGMW29	95 - 135	25-Nov-96	2.0 U	1.90 J
		12-Mar-97	2.0 U	5.50 J
09_DBMW45	117 - 157	24-Mar-97	3.0	6.10 J
09_DGMW75	114 - 154	25-Mar-97	7.0	345.00
10_DGMW77	130 - 170	24-Mar-97	2.0	6.50 J
12_DBMW48	95 - 135	13-Nov-96	2.0 U	16.90
		17-Mar-97	2.0 U	7.30 J
		17-Mar-97	2.0 U	7.20 J
12_UGMW31	105 - 145	13-Nov-96	2.0 U	3.90 J
		25-Mar-97	6.0	40.60
13_DBMW49	142 - 182	19-Nov-96 *	2.0 U	10.00 U
		19-Nov-96 *	2.0 U	10.00 U
		19-Mar-97 *	2.0 U	1.70 J
13_DGMW78	127 - 167	19-Nov-96 *	2.0 U	10.00 U
		19-Mar-97 *	2.0 U	1.00 J
13_UGMW32	144 - 184	10-Mar-97 *	2.0 U	3.40 J
14_DBMW50	120 - 160	19-Nov-96 *	2.0 U	2.00 J
		17-Mar-97 *	4.0	6.50 J
		17-Mar-97 *	4.0	6.1 J
14_DGMW79	118 - 158	19-Nov-96 *	2.0 U	10.00 U
		17-Mar-97 *	2.0 U	1.20 J
		17-Mar-97 *	2.0 U	1.1 J
15_DBMW51	125 - 165	4-Dec-96	2.0 U	10.00 U
		25-Mar-97	7.0	0.75 J
16_DBMW52	182 - 222	25-Nov-96 *	8.0	8.80 J
		19-Mar-97 *	7.0	6.00 J
16_DGMW81	176 - 216	5-Mar-97	2.0 U	6.20 J
16_UGMW33	180 - 220	25-Nov-96 *	8.0	8.50 J
		19-Mar-97 *	9.0	5.90 J
17_DGMW82	235 - 255	20-Nov-96	10.0 U	10.00 U
		1-Apr-97	2.0 U	10.00 J
17NEW1	186 - 226	20-Nov-96 *	10.0 U	2.40 J
		24-Mar-97 *	2.0 U	4.10 J

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
17NEW2	83 - 123	20-Nov-96 *	10.0 U	10.00 U
		24-Mar-97 *	2.0 U	1.50 J
18_BGMP06A	445 - 455	10-Mar-97	3.0	2.00 J
18_BGMP06B	380 - 390	10-Mar-97	2.0 U	10.00 U
18_BGMP06C	295 - 305	10-Mar-97	2.0 U	10.00 U
18_BGMP06D	168 - 178	10-Mar-97	2.0 U	0.45 J
18_BGMP06E	105 - 115	10-Mar-97	4.0	2.70 J
18_BGMP08A	439 - 449	6-Mar-97	2.0 U	10.00 U
18_BGMP08C	297 - 307	7-Mar-97	2.0 U	2.20 J
18_BGMP08D	126 - 136	7-Mar-97	2.0 U	2.20 J
18_BGMP08E	61 - 71	7-Mar-97	2.0 U	1.50 J
18_BGMP09A	453 - 463	18-Mar-97	2.0 U	0.73 J
18_BGMP09B	374 - 384	18-Mar-97	2.0 U	0.85 J
18_BGMP09C	268 - 278	18-Mar-97	2.0 U	0.65 J
18_BGMP09D	222 - 232	18-Mar-97	4.0 U	2.20 J
18_BGMP09E	133 - 143	18-Mar-97	2.0	1.60 J
18_BGMP09F	59 - 69	18-Mar-97	3.0	1.40 J
18_BGMP10A	1001 - 1011	20-Mar-97	2.0 U	10.00 U
18_BGMP10B	887 - 897	20-Mar-97	2.0 U	10.00 U
18_BGMP10C	752 - 762	20-Mar-97	2.0 U	10.00 U
18_BGMP10D	563 - 573	20-Mar-97	2.0 U	10.00 U
18_BGMP10E	429 - 439	24-Mar-97	2.0 U	10.00 U
18_BGMP10F	218 - 299	24-Mar-97	2.0 U	10.00 U
18_BGMW01A	466 - 486	14-Mar-97	5.0 U	10.00 U
18_BGMW01B	396 - 416	11-Mar-97	2.0 U	2.80 U
18_BGMW01C	330 - 350	11-Mar-97	4.0	11.50
18_BGMW01D	242 - 262	10-Mar-97	3.0	--
18_BGMW01E	205 - 225	27-Mar-97	2.0 U	0.40 U
18_BGMW02A	462 - 482	13-Mar-97	2.0 U	10.00 U
18_BGMW02C	358 - 378	11-Mar-97	5.0	23.90
18_BGMW02D	294 - 314	13-Mar-97	3.0	0.78 J
18_BGMW02E	198 - 233	27-Mar-97	2.0 U	2.40 J
18_BGMW03A	370 - 390	21-Mar-97	2.0 U	4.30 J
18_BGMW03B	280 - 300	21-Mar-97	2.0 U	3.50 J
18_BGMW03C	222 - 242	21-Mar-97	3.0	3.90 J
18_BGMW03E	124 - 164	18-Mar-97 *	2.0 U	8.30 J
		18-Mar-97 *	2.0 U	7.60 J
18_BGMW04A	286 - 306	17-Mar-97	2.0 U	3.40 J
		17-Mar-97	3.0	4.50 J
18_BGMW04B	190 - 210	18-Mar-97	5.0	5.50 J
		18-Mar-97	7.0	5.80 J

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
18_BGMW05A	462 - 482	27-Mar-97	2.0 U	0.40 U
18_BGMW05B	321 - 341	19-Mar-97	3.0	4.30 J
		19-Mar-97	3.0	2.90 J
18_BGMW05C	225 - 245	19-Mar-97	2.0 U	3.30 J
18_BGMW05D	83 - 133	19-Mar-97	2.0 U	5.70 J
18_BGMW07	25 - 65	24-Mar-97 *	2.0 U	1.70 J
18_BGMW12	165 - 205	20-Mar-97 *	4.0	1.10 J
18_BGMW14	75 - 115	18-Mar-97	2.0 U	10.90
		18-Mar-97	2.0 U	10.40
18_BGMW15	175 - 215	19-Mar-97 *	6.0	4.60 J
18_BGMW16	223 - 263	26-Mar-97	2.0 U	3.10 J
18_BGMW17	215 - 255	14-Mar-97	5.0	3.00 J
18_BGMW19A	448 - 468	10-Mar-97	2.0	2.60 J
18_BGMW19B	400 - 420	10-Mar-97	3.0	3.20 J
18_BGMW19C	257 - 277	10-Mar-97	4.0	5.40 J
18_BGMW19D	150 - 170	10-Mar-97	4.0	3.20 J
18_BGMW19E	98 - 138	20-Mar-97 *	3.0	3.50 J
18_BGMW22	247 - 287	20-Mar-97	2.0 U	1.00 J
18_BGMW23	64 - 104	18-Mar-97	3.0	4.00 J
		18-Mar-97	2.0 U	3.30 J
18_BGMW24	51 - 71	25-Mar-97 *	3.0	2.00 J
18_BGMW101	90 - 130	18-Mar-97	2.0	4.90 J
		18-Mar-97	2.0	4.90 J
18_DW135	115 - 135	7-Mar-97	2.0 U	3.50 J
18_DW250	215 - 250	2-Mar-97	2.0 U	3.40 J
18_DW350	310 - 350	6-Mar-97	3.0	0.57 J
18_DW450	420 - 460	6-Mar-97	2.0	10.00 U
18_DW540	490 - 540	6-Mar-97	2.0 U	10.00 U
18_MCAS01-1	60 - 70	19-Mar-97	5.0	4.70 J
18_MCAS01-2	150 - 160	19-Mar-97	4.0	4.30 J
18_MCAS01-3	210 - 220	19-Mar-97	3.0	3.20 J
18_MCAS01-4	270 - 280	19-Mar-97	4.0	4.60 J
18_MCAS01-5	330 - 340	19-Mar-97	3.0	2.90 J
18_MCAS01-6	450 - 460	19-Mar-97	2.0 U	1.80 J
18_MCAS01-7	540 - 550	19-Mar-97	2.0 U	159.00

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
18_MCAS02-1	40 - 50	13-Mar-97	4.0	4.40 J
18_MCAS02-2	130 - 140	13-Mar-97	2.0 U	2.80 J
18_MCAS02-3	200 - 210	13-Mar-97	2.0 U	10.00 U
18_MCAS02-4	370 - 380	13-Mar-97	2.0 U	0.89 J
18_MCAS02-5	420 - 430	12-Mar-97	2.0 U	10.00 U
18_MCAS02-6	490 - 500	12-Mar-97	2.0 U	10.00 U
18_MCAS02-7	550 - 560	12-Mar-97	2.0 U	0.65 U
18_MCAS02-8	620 - 630	12-Mar-97	2.0 U	6.70 J
18_MCAS03-1	85 - 95	12-Mar-97	4.0	5.70 J
18_MCAS03-2	160 - 170	11-Mar-96	2.0 U	7.70 J
18_MCAS03-3	220 - 230	11-Mar-97	2.0 U	7.30 J
18_MCAS03-4	340 - 350	11-Mar-97	2.0 U	1.60 J
18_MCAS03-5	420 - 430	11-Mar-97	2.0	2.70 J
18_MCAS03-6	490 - 500	11-Mar-97	2.0 U	231.00
18_MCAS04	181 - 238	13-Mar-97	2.0	10.00 U
18_MCAS05A	120 - 130	18-Mar-97	2.0 U	0.40 J
		18-Mar-97	2.0 U	0.45 J
18_MCAS06	167 - 222	25-Mar-97	2.0 U	4.30 J
18_MCAS07-1	90 - 100	26-Mar-97	4.0 U	3.70 J
18_MCAS07-2	190 - 200	26-Mar-97	2.0 U	1.40 J
18_MCAS07-3	350 - 360	26-Mar-97	2.0 U	10.00 U
18_MCAS07-4	440 - 450	26-Mar-97	2.0 U	10.00 U
18_MCAS07-5	510 - 520	26-Mar-97	2.0 U	10.00 U
18_MCAS07-6	800 - 810	26-Mar-97	2.0 U	0.62 J
18_MCAS07-7	910 - 920	27-Mar-97	2.0 U	0.82 J
18_MCAS07-8	980 - 990	26-Mar-97	2.0 U	1.90 J
18_MCAS07-9	1100 - 1110	26-Mar-97	2.0 U	1.80 J
18_MCAS08	392 - 410	26-Mar-97	2.0 U	10.00 U
18_MCAS09	372 - 445	26-Mar-97	2.0 U	1.30 J
18_MCAS10	355 - 375	18-Mar-97	2.0 U	0.78 J
		18-Mar-97	10.0 U	0.50 J
18_PS1	102 - 122	17-Mar-97	4.0	5.10 U
		17-Mar-97	5.0	5.30 J
18_PS2	103 - 133	25-Mar-97	7.0	6.30 J
18_PS3	102 - 122	14-Mar-97	2.0	2.40 J
18_PS4	98 - 118	14-Mar-97	2.0 U	1.10 J
18_PS5	106 - 126	17-Mar-97	4.0	4.20 J
		17-Mar-97	4.0	4.70 J
18_PS6	130 - 150	25-Mar-97	8.0	6.50 J

Table 7-2: RESULTS OF HEXAVALENT CHROMIUM AND TOTAL CHROMIUM ANALYSES
MCAS El Toro Groundwater Monitoring Program

			Hexavalent Chromium	Total Chromium State MCL 50.0
Station ID	Screen Interval (ft BGS)	Sample Date	ug/L	ug/L
18_PS7	106 - 126	14-Mar-97	2.0 U	1.50 J
18_PS8	125 - 145	20-Mar-97	2.0	4.40 J
18_RW1	430 - 470	17-Mar-97	2.0 U	1.00 J
		17-Mar-97	2.0 U	0.75 J
18_RW2	270 - 310	14-Mar-97	2.0 U	10.00 U
19_DBMW54	141 - 181	11-Mar-97	3.0	5.30 J
19_DGMW85	143 - 183	11-Mar-97	5.0	8.00 J
19_DGMW86	158 - 198	11-Mar-97	4.0	4.60 J
19_UGMW35	148 - 185	18-Mar-97 *	2.0	8.10 J
		18-Mar-97 *	3.0	7.90 J
20_DBMW55	187 - 227	5-Mar-97	2.0 U	4.70 J
20_DGMW88	185 - 225	20-Mar-97 *	3.0	4.80 J
20_UGMW36	183 - 223	27-Mar-97	2.0 U	3.60 J
21_DBMW56	92 - 132	25-Mar-97	2.0 U	6.40 J
21_DGMW90	95 - 135	20-Mar-97 *	2.0	4.70 J
21_UGMW37	89 - 130	25-Mar-97	2.0 U	6.70 J
22_DBMW47	116 - 156	24-Mar-97	2.0	4.90 J
24NEW1	225 - 245	2-Dec-96	2.0 U	4.30 J
		24-Mar-97	2.0 U	4.10 J
24NEW4	108 - 148	3-Dec-96	2.0 U	7.50 J
		21-Mar-97	3.0	12.70
24NEW5	230 - 250	2-Dec-96	2.0 U	3.40 J
		24-Mar-97	2.0	3.40 J
24NEW6	165 - 185	2-Dec-96	9.0 U	14.10
		19-Mar-97	12.0	14.00
24NEW7	118 - 158	2-Dec-96	2.0 U	9.30 J
		12-Mar-97	2.0 U	8.70 J
24NEW8	122 - 162	2-Dec-96	2.0 U	5.20 J
		12-Mar-97	3.0	5.20 J

EXPLANATION

U = not detected above practical quantitation limit (PQL), J = estimated concentration.

Asterisk (*) denotes samples collected using low-flow purging procedure.

denotes exceedance of regulatory standard.

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8.0 GENERAL CHEMISTRY AND OTHER ANALYSES

This section presents the results of general chemistry, treatability parameters, gross alpha/gross beta, and other radionuclide analyses performed during the July 1997 groundwater sampling round.

8.1 GENERAL CHEMISTRY PARAMETERS

General chemistry analyses and field parameters were collected for all 77 GWMP monitoring wells sampled during Round 6. The general chemistry analyses performed include the major anions (chloride, sulfate, nitrate/nitrite-N, carbonate, bicarbonate, alkalinity), total dissolved solids (TDS), pH, temperature, electrical conductivity, dissolved oxygen, and redox potential. The analytical methods for the general chemistry parameters are listed in Table 2-1.

The results of field parameter measurements for the 77 monitoring wells/ports sampled during Round 6 are presented in Table C-1 (Appendix C). Table C-1 also lists field parameters obtained from prior sampling rounds of the GWMP monitoring well network.

The results of general chemistry analyses are summarized in Table 8-1. Consistent with prior analyses, elevated concentrations of TDS, chloride, and sulfate were found in groundwater samples from wells generally located in the western portion of the Station and in the sample locations in the off-Station area (MCAS wells/ports). Alkalinity and bicarbonate analyses are similarly consistent with prior sample results.

8.2 TREATABILITY PARAMETERS

As specified in Navy's SOW, samples collected from 15 selected monitoring wells were analyzed for the following treatability parameters: chemical oxygen demand (COD), total organic carbon (TOC), ammonia-nitrogen, phosphate, silica (dissolved), strontium, radon, total suspended solids (TSS), turbidity, and color. The results of treatability analyses are

summarized in Table 8-2. The treatability parameters results for the initial sampling of the Phase II RI monitoring wells installed at Sites 2, 5, and 17 are also listed in Table 8-2.

8.3 SITE-SPECIFIC ANALYSES

For this monitoring report, site-specific analyses refer to the non-routine groundwater analyses that were performed at selected wells based on site history and reported site activities. During the current sampling round, the following site-specific analytical results were obtained:

Gross Alpha/Gross Beta. Samples were collected in all wells at the landfill sites (Sites 2, 3/4, 5), and at three wells at Site 1 (Explosive Ordnance Disposal Range) and analyzed for gross alpha (Method SM7110C) and gross beta (EPA Method 900.0). A total of 25 monitoring wells were sampled. The results of these analyses are presented in Table 8-3, as well as the results of gross alpha and gross beta analyses reported during the Phase I RI in 1992-93 and Phase II RI in 1995-96. The highest gross alpha result reported for the groundwater sampled during Round 6 was 30.4 picoCuries per liter (pCi/L) at Well 02 DGMW60. The highest gross beta result from Round 6 was 28.6 pCi/L at well 03 DGMW65X. Overall, the new results are comparable with the prior gross alpha/gross beta results.

Selected Radionuclides. During Round 6, all wells sampled for gross alpha and gross beta were additionally sampled for selected radioisotopes to better assess the possible source(s) of the elevated particle activity reported in some of the landfill sites groundwater samples. The results for isotopic analyses for radium-226, radium-228, strontium-89, and cesium-134 are listed in Table 8-3. The highest value for radium-226 was reported from Well 02 NEW3 (4.6 pCi/L). The highest value for radium-228 was reported from Well 05 NEW1 (1.6 pCi/L). All analyses for strontium 89/90 were below the minimum detectable activity (MDA) levels (ranging from 0.2 to 0.35 pCi/L). Similarly, all analyses for cesium-134 were below the sample-specific MDA for this parameter (Table 8-3).

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
01_DGMW57	83	10-Dec-92	808	91.6	250.0	1.7	235	235	
		14-Jun-93	602	79.5	139.0	1.5	237	237	
		7-Feb-96	494	58.0	81.0	3.1	244	298	2 U
		8-Apr-96		59.5	94.2				
		20-Nov-96 *	508	61.7	80.7	2.3	250	250	2 U
		25-Mar-97 *	505	59.6	73.6	2.4	249	249	2 U
01_DGMW58	77	14-Dec-92	429	61.2	21.1	5.8	234	234	
		14-Jun-93	462	24.5	58.2		251	251	
		14-Jun-93	468	24.8	58.5	7.7	252	252	
		28-Feb-96	404	21.0	23.0	11.0	227	277	2 U
		5-Apr-96		23.5	21.7				
		18-Nov-96	441	38.5	16.2	9.9	211	211	2 U
		13-Mar-97	409	59.9	19.1	8.1	210	210	2 U
01_MW101	148	2-Apr-96		168.0	24.9				
		20-Nov-96	406	83.8	85.0	1.2	138	138	2 U
		13-Mar-97	388	64.3	69.3	1.2	152	152	2 U
		11-Jul-97	303	64.5	14.5	2.0 U	137	137	2 U
		11-Jul-97	310	76.5	17.6	2.0 U	135	135	2 U
01_MW102	135	2-Apr-96		324.0	45.7				
		20-Nov-96	581	166.0	42.0	1.8	246	246	2 U
		13-Mar-97	597	131.0	10.4	1.6	260	260	2 U
		9-Jul-97	600	138.0	20.0 U	4.0 U	236	236	2 U
01_MW201	57	8-Apr-96		202.0	70.4				
		18-Nov-96	522	36.4	53.8	20.4	179	179	2 U
		13-Mar-97	447	62.0	99.3	18.7	187	187	2 U
		9-Jul-97	463	42.0	76.9	11.7	177	177	2 U
02_DGMW59	89	15-Dec-92	839	119.0	215.0	3.5	294	294	
		23-Jun-93	970	128.0	167.0	3.3	464	464	
		30-Nov-95		118.0	352.0	9.3	228	228	4 U
		16-Aug-95		38.8	197.0	14.5			4
		6-Feb-96	1,130	110.0	394.0	5.4	221	269	2 U
		6-Feb-96	1,090	107.0	401.0	7.7	221	269	2 U
		4-Nov-96 *	1,130	141.0	372.0	11.0	231	231	2 U
		26-Mar-97 *	678	80.4	221.0	1.3	148	148	2 U
		3-Jul-97 *	1,470	236.0	449.0	21.9	236	236	2 U
02_DGMW60	100	18-Nov-92	834	91.7	163.0	3.5	430	430	
		23-Jun-93	751	86.9	183.0	9.7	297	297	
		15-Aug-95		126.0	218.0	20.8	460	460	1 U
		28-Nov-95		114.0	201.0	21.8	476	476	4 U
		6-Feb-96	1,090	125.0	303.0	20.0	343	419	2 U
		6-Feb-96	1,110	125.0	301.0	23.0	339	413	2 U
		4-Nov-96 *	1,050	122.0	228.0	21.0	472	472	2 U
		26-Mar-97 *	1,030	92.5	163.0	19.6	479	479	2 U
		1-Jul-97 *	1,040	119.0	191.0	17.3	479	479	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
02_DGMW61	100	14-Dec-92	579	25.3	188.0	0.1 U	256	256	
		22-Jun-93	678	25.6	194.0	0.4	242	242	
		16-Aug-95		34.1	195.0	4.7	280	280	1 U
		29-Nov-95		43.6	208.0	5.7	292	292	4 U
		8-Feb-96	714	39.0	212.0	6.6	287	351	2 U
		4-Nov-96 *	763	45.0	231.0	6.7	300	300	2 U
		26-Mar-97 *	740	42.1	203.0	7.1	294	294	2 U
		2-Jul-97 *	745	52.6	231.0	7.9	302	302	2 U
02_NEW1	135	26-Dec-95	428	49.6	107.0	0.0 U	184	184	4 U
		4-Nov-96 *	455	48.0	115.0	0.1 U	198	198	2 U
		26-Mar-97 *	464	44.7	107.0	0.1 U	200	200	2 U
		1-Jul-97 *	486	52.2	116.0	1.3 U	201	201	2 U
02_NEW2	95	21-Dec-95	987	117.0	296.0	11.9	244	244	4 U
		26-Nov-96 *	806	85.5	225.0	9.4	257	257	2 U
		26-Mar-97 *	955	105.0	308.0	8.1	249	249	2 U
		3-Jul-97 *	948	93.3	245.0	8.2	258	258	2 U
02_NEW3	225	28-Dec-95	922	102.0	244.0	10.3	350	350	4 U
		7-Nov-96 *	1,010	116.0	285.0	11.0	298	298	2 U
		24-Mar-97 *	941	99.5	253.0	9.5	283	283	2 U
		2-Jul-97 *	898	97.3	252.0	7.9	291	291	2 U
02_NEW6	225	27-Dec-95	884	98.6	236.0	8.2	306	306	4 U
		7-Nov-96 *	951	109.0	258.0	16.0	313	313	2 U
		24-Mar-97 *	955	101.0	244.0	10.0	296	296	2 U
		2-Jul-97 *	1,000	108.0	266.0	8.9	309	309	2 U
02_NEW7	95	27-Dec-95	842	92.3	228.0	11.1	320	320	4 U
		8-Jan-97 *	682	60.0	176.0	8.5	275	275	2 U
		20-Mar-97 *	709	59.3	154.0	6.8	283	283	2 U
		11-Jul-97 *	852	89.6	223.0	8.9	269	269	2 U
02_NEW8A	104	27-Dec-95	668	46.1	146.0	9.2	316	316	4 U
		8-Nov-96 *	695	45.0	137.0	11.0	304	304	2 U
		25-Mar-97 *	695	42.8	133.0	10.5	303	303	2 U
		2-Jul-97 *	570	62.6	160.0	9.6	285	285	2 U
02_NEW11	65	21-Dec-95	1,000	132.0	347.0	12.9	218	218	4 U
		12-Nov-96 *	747	84.0	205.0	5.8	233	233	2 U
		25-Mar-97 *	674	67.7	158.0	4.1	228	228	2 U
		8-Jul-97 *	691	81.6	147.0	4.6	242	242	2 U
02_NEW12	249	28-Dec-95	902	116.0	211.0	7.5	304	304	4 U
		7-Nov-96 *	740	115.0	147.0	6.8	242	242	2 U
		25-Mar-97 *	894	105.0	179.0	8.6	298	298	2 U
		30-Jun-97 *	845	124.0	169.0	6.2	265	265	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
02_UGMW25	75	9-Dec-92	598	66.0	167.0	6.3	180	180	
		22-Jun-93 *	528	39.7	164.0	1.5	140	140	
		17-Aug-95 *		107.0	489.0	5.2	236	236	
		17-Aug-95		108.0	501.0	5.2	240	240	
		28-Nov-95		182.0	502.0	16.7	240	240	
		7-Feb-96	1,580	262.0	508.0	38.0		296	2 U
		12-Nov-96	1,700	276.0	559.0	35.0	237	237	2 U
		26-Mar-97	690	70.3	190.0	6.5	176	176	2 U
		2-Jul-97 *	980	136.0	287.0	12.2	205	205	2 U
03_DBMW39	270	9-Oct-92	731	146.0	36.4	5.7	335	335	
		21-Jun-93	737	137.0	35.3	6.3	340	340	
		21-Jun-93	768	138.0		6.3	349	349	2 U
		30-Jan-96	764	125.0	51.0	6.9	416	507	2 U
		12-Nov-96	801	143.0	51.0	6.5	403	403	2 U
		17-Mar-97	783	113.0	36.2	6.0	403	403	2 U
		17-Mar-97	794	118.0	41.4	6.5	403	403	2 U
		8-Jul-97	790	160.0	40.3	6.9	419	419	2 U
03_DGMW64	285	15-Jan-93	847	152.0	153.0	10.6	286	286	
		2-Jun-93	854	144.0	148.0	9.0	284	284	
		26-Feb-96	847	139.0	156.0	7.0	292	356	2 U
		12-Nov-96	836	138.0	174.0	5.2	302	302	2 U
		12-Nov-96	846	131.0	168.0	4.9	300	300	2 U
		4-Mar-97	816	120.0	136.0	5.5	298	298	2 U
		30-Jun-97	883	157.0	182.0	4.4	302	302	2 U
03_DGMW65X	270	18-Jan-93	750	145.0	91.6	8.0	288	288	
		7-Jul-93	731	148.0	91.0	4.7	297	297	
		26-Feb-96	794	138.0	85.0	9.5	333	407	2 U
		11-Nov-96	792	146.0	85.0	13.0	323	323	2 U
		4-Mar-97	758	114.0	68.5	9.2	346	346	2 U
		30-Jun-97	746	148.0	94.7	9.1	307	307	2 U
03_UGMW26	270	1-Oct-92	762	104.0	110.0	15.3	271	271	
		23-Jun-93	761	112.0	126.0	16.2	267	267	
		27-Feb-96	760	103.0	117.0	22.0	268	327	2 U
		14-Nov-96	747	99.0	112.0	22.0	270	270	2 U
		14-Nov-96	752	99.0	115.0	19.0	274	274	2 U
		6-Mar-97	770	88.0	98.1	17.4	273	273	2 U
		1-Jul-97	801	119.0	131.0	17.0	267	267	2 U
04_DBMW40	260	3-Dec-92	940	149.0	123.0	12.8	438	438	
		24-Jun-93	1,000	153.0	146.0	10.3	384	384	
		26-Feb-96	928	149.0	171.0	9.7	279	340	2 U
		12-Nov-96	984	138.0	78.0	2.3	517	517	2 U
		5-Mar-97	880	131.0	163.0	8.9	311	311	2 U
		30-Jun-97	966	161.0	72.3	14.0	549	549	2 U
04_DGMW66	290	20-Nov-92	730	128.0	112.0	6.5	260	260	
		24-Jun-93	770	124.0	109.0	9.2	256	256	
		26-Feb-96	760	121.0	103.0	13.0	251	306	2 U
		12-Nov-96	764	132.0	112.0	9.9	250	250	2 U
		4-Mar-97	758	105.0	88.2	12.0	253	253	2 U
		1-Jul-97	771	149.0	105.0	10.1	254	254	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
04_UGMW63	275	24-Nov-92	993	160.0	123.0	11.8	386	386	
		25-Jun-93	1,080	201.0	108.0	12.4	360	360	
		30-Jan-96	898	193.0	92.0	3.7	315	385	2 U
		14-Nov-96 *	835	178.0	109.0	7.6	356	356	2 U
		14-Nov-96 *	867	162.0	100.0	7.4	358	358	2 U
05_DBMW41	222	16-Nov-92	758	85.2	193.0	8.6	228	228	
		16-Nov-92	790	86.2	194.0	8.9	233	233	
		20-Oct-93	877	93.2	242.0	10.8	263	263	
		5-Dec-95	992	102.0	227.0	14.1	320	320	4 U
		5-Dec-95	984	106.0	231.0	13.6	324	324	4 U
		7-Feb-96	937	99.0	211.0	17.0	330	403	2 U
		13-Nov-96	934	100.0	213.0	13.0	332	332	2 U
		13-Mar-97	938	93.7	199.0	10.8	328	328	2 U
		8-Jul-97 *	983	114.0	223.0	9.9	331	331	2 U
05_DGMW67	227	30-Nov-92	925	96.8	284.0	6.8	296	296	
		30-Nov-92	934	97.3		6.9			
		3-Jun-93	985	96.0	275.0	8.1	289	289	
		6-Dec-95	957	109.0	278.0	9.4	328	328	40
		9-Feb-96	1,020	114.0	267.0	11.0	326	398	2 U
		13-Nov-96	1,020	111.0	268.0	10.0	317	317	2 U
		14-Mar-97	1,070	105.0	250.0	10.5	318	318	2 U
05_DGMW68	210	17-Dec-92	905	101.0	270.0	8.1	250	250	
		25-Jun-93	961	102.0	262.0	8.4	254	254	
		9-Jan-96	990	123.0	293.0	9.8	308	308	4 U
		27-Feb-96	989	112.0	258.0	13.0	307	374	2 U
		15-Nov-96	961	111.0	261.0	10.2	311	311	2 U
		5-Mar-97	811	110.0	256.0	9.5	316	316	2 U
		1-Jul-97	987	127.0	280.0	9.4	320	320	2 U
05_NEW1	203	28-Dec-95	789	99.1	200.0	11.1	248	248	4 U
		13-Nov-96 *	878	99.0	219.0	12.0	252	252	2 U
		13-Mar-97 *	850	88.7	196.0	11.1	251	251	2 U
		9-Jul-97	911	112.0	206.0	9.9	256	256	2 U
		9-Jul-97 *	918	108.0	209.0	9.8	256	256	2 U
05_UGMW27	238	3-Dec-92	844	84.5	253.0	8.1	266	266	
		17-Aug-95	963	109.0	303.0	8.0	304	304	1 U
		8-Dec-95	931	99.8	266.0	8.0	292	292	4 U
		3-Jun-93	878	85.9	250.0	9.2	269	269	
		29-Jan-96	927	96.0	253.0	8.9	292	356	2 U
		13-Nov-96	968	98.0	262.0	8.3	289	289	2 U
		13-Mar-97	923	104.0	262.0	7.5	292	292	2 U
		9-Jul-97	909	107.0	255.0	6.9	296	296	2 U
		9-Jul-97	915	111.0	261.0	8.0	296	296	2 U
06_DGMW69	190	2-Dec-92	1,080	286.0	209.0	16.3	110	110	
		7-Jul-93	1,330	263.0	197.0	15.1	113	113	
		2-Feb-96	1,030	248.0	210.0	17.0	142	173	2 U
		12-Mar-97	1,140	241.0	198.0	14.9	133	133	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
06_UGMW28	180	13-Nov-92	1,890	541.0	332.0	18.8	136	136	
		9-Jul-93	2,180	494.0	277.0	20.4	134	134	
		16-Feb-96	1,700	393.0	345.0	18.0	182	222	2 U
		4-Dec-96	2,010	586.0	531.0	20.9	181	181	2 U
		4-Dec-96	1,990	639.0	574.0	20.6	181	181	2 U
		12-Mar-97	2,150	570.0	335.0	20.7	174	174	2 U
07_DBMW43	190	1-Dec-92	880	185.0	144.0	14.8	126	126	
		25-Jun-93	1,220	272.0	191.0	14.6	100	100	
		19-Feb-96	656	141.0	105.0	14.0	127	154	2 U
		21-Nov-96	989	327.0	208.0	15.6	91	91	2 U
		7-Mar-97	743	146.0	100.0	14.4	142	142	2 U
		3-Jul-97	1,330	325.0	199.0	16.2	104	104	2 U
07_DBMW70	165	8-Dec-92	1,210	267.0	319.0	17.1	126	126	
		25-Jun-93	963	172.0	206.0	18.5	166	166	
		13-Feb-96	1,070	235.0	219.0	22.0	157	191	2 U
		21-Nov-96	930	249.0	241.0	19.4	160	160	2 U
		21-Nov-96	948	252.0	243.0	23.3	153	153	2 U
		20-Mar-97	978	195.0	183.0	22.3	157	157	2 U
07_DBMW100	171	8-Dec-92				9.3			
		4-Jun-93	882	200.0	116.0	10.4	136	136	
		31-Jan-96	776	187.0	118.0	9.9	120	147	2 U
		14-Nov-96	899	250.0	107.0	10.4	142	142	2 U
		20-Mar-97	800	208.0	108.0	9.3	131	131	2 U
		10-Jul-97	930	249.0	95.5	9.5	143	143	2 U
07_DGMW71	155	15-Dec-92	937	217.0	174.0	15.4	182	182	
		22-Jun-93	945	204.0	155.0	13.1	196	196	
		13-Feb-96	1,010	245.0	118.0	14.0	204	249	2 U
		21-Nov-96	831	249.0	124.0	12.2	196	196	2 U
		20-Mar-97	819	218.0	82.1	14.4	225	225	2 U
07_DGMW72	150	19-Nov-92	1,120	241.0	112.0	14.8	209	209	
		21-Jul-93	1,860	220.0	769.0	17.2	216	216	
		15-Oct-93	1,002	250.0	90.3	14.8	199	199	
		13-Feb-96	835	237.0	71.0	17.0	182	222	2 U
		21-Nov-96	857	274.0	88.3	14.9	181	181	2 U
		20-Mar-97	836	238.0	60.9	14.4	182	182	2 U
07_DGMW91	150	18-Dec-92	913	192.0	168.0	17.7	200	200	
		21-Jul-93	950	185.0	138.0	15.4	215	215	
		8-Feb-96	941	212.0	129.0	16.0	227	277	2 U
		21-Nov-96	934	211.0	135.0	13.8	231	231	2 U
		24-Mar-97	933	204.0	118.0	14.4	219	219	2 U
		9-Jul-97	1,040	231.0	103.0	12.1	227	227	2 U
08_DGMW73	130	2-Dec-92	942	162.0	69.5	15.4	447	447	
		20-Jul-93	954	169.0	84.6	14.0	420	420	
		20-Jul-93	961	170.0	85.7	14.1	424	424	
		14-Feb-96	1,050	264.0	92.0	13.0	414	505	2 U
		2-Dec-96	1,050	259.0	66.0	9.6	405	405	2 U
		2-Dec-96	1,040	253.0	70.0	9.5	403	403	2 U
		20-Mar-97	992	273.0	68.9	8.6	393	393	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
08_DGMW74	130	16-Nov-92	804	189.0	79.6	12.6	266	266	
		20-Jul-93	895	210.0	85.2	13.4	276	276	
		14-Feb-96	816	191.0	65.0	15.0	263	320	2 U
		13-Nov-96	828	224.0	58.0	16.0	261	261	2 U
		19-Mar-97	846	189.0	57.0	13.2	255	255	2 U
		19-Mar-97	817	197.0	61.0	14.7	253	253	2 U
		7-Jul-97	912	288.0	84.0	17.0	258	258	2 U
08_UGMW29	135	8-Dec-92	847	245.0	99.5	11.7	132	132	
		9-Jul-93	959	228.0	67.3	11.5	149	149	
		9-Jul-93	963	232.0	68.2	11.7			
		14-Feb-96	988	257.0	60.0	19.0	165	201	2 U
		25-Nov-96	830	241.0	77.2	13.8	147	147	2 U
		12-Mar-97	948	246.0	53.3	15.4	159	159	2 U
		7-Jul-97	977	289.0	53.6	13.3	161	161	2 U
09_DBMW45	157	10-Dec-92	1,050	197.0	228.0	18.7	188	188	
		10-Dec-92	1,090	202.0	231.0	19.1	189	189	
		13-Jul-93	1,040	208.0	212.0	17.0	186	186	
		20-Nov-95							
		15-Feb-96	1,110	224.0	205.0	19.0	182	222	2 U
		18-Nov-96	1,110	243.0	213.0	16.9	188	188	2 U
		24-Mar-97	1,100	230.0	207.0	16.1	178	178	2 U
		8-Jul-97	1,150	270.0	284.0	15.1	183	183	2 U
		8-Jul-97	1,120	301.0	220.0	15.5	185	185	2 U
09_DGMW75	154	1-Dec-92	1,370	273.0	423.0	23.6	156	156	
		12-Jul-93	1,470	279.0	412.0	21.4	160	160	
		14-Feb-96	1,340	284.0	369.0	26.0	169	207	2 U
		4-Dec-96	1,310	295.0	481.0	23.7	188	188	2 U
		25-Mar-97	1,260	271.0	325.0	22.7	180	180	2 U
		8-Jul-97	1,220	340.0	343.0	23.6	190	190	2 U
		8-Jul-97	1,160	290.0	306.0	23.4	190	190	2 U
10_DGMW77	170	17-Nov-92	1,030	188.0	217.0	15.8	189	189	
		13-Aug-93	1,100	192.0	211.0	16.2	169	169	
		14-Feb-96	1,220	229.0	202.0	16.0	152	186	2 U
		4-Dec-96	1,040	247.0	323.0	15.9	177	177	2 U
		24-Mar-97	994	227.0	177.0	15.6	180	180	2 U
		10-Jul-97	1,080	242.0	153.0	14.1	181	181	2 U
12_DBMW48	135	17-Nov-92	1,800	401.0	549.0	22.9	163	163	
		27-Jul-93	2,246	392.0	497.0	23.8	164	164	
		16-Feb-96	1,660	325.0	405.0	25.0	191	233	2 U
		13-Nov-96	1,630	292.0	369.0	30.0	207	207	2 U
		17-Mar-97	1,450	281.0	338.0	25.5	208	208	2 U
		17-Mar-97	1,450	259.0	338.0	25.6	208	208	2 U
12_UGMW31	145	8-Oct-92	1,100	211.0	283.0	22.5	188	188	
		7-Jul-93	1,160	197.0	246.0	22.2	187	187	
		14-Feb-96	944	181.0	190.0	26.0	195	238	2 U
		13-Nov-96	978	172.0	186.0	22.0	205	205	2 U
		25-Mar-97	956	167.0	172.0	21.9	200	200	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
13_DBMW49	182	16-Nov-92	2,050	346.0	651.0	11.8	398	398	
		30-Jun-93	2,020	318.0	640.0	15.0	357	357	
		6-Feb-96	1,860	299.0	636.0	25.0	281	343	2 U
		6-Feb-96	2,000	302.0	645.0	27.0	279	340	2 U
		19-Nov-96	1,890	294.0	639.0	19.6	274	274	2 U
		19-Nov-96 *	1,850	305.0	671.0	19.3	282	282	2 U
		19-Mar-97 *	1,960	279.0	563.0	20.1	270	270	2 U
13_DGMW78	167	23-Nov-92	2,910	522.0	1,040.0	28.7	273	273	
		16-Jun-93	2,570	394.0	764.0	26.5	336	336	
		1-Feb-96	1,970	302.0	671.0	22.0	375	458	2 U
		19-Nov-96 *	2,150	323.0	854.0	16.7	392	392	2 U
		19-Mar-97 *	2,340	305.0	725.0	12.8	427	427	2 U
		9-Jul-97 *	2,060	278.0	620.0	17.3	333	333	2 U
13_UGMW32	184	28-Oct-92	1,540	184.0	511.0	9.8	362	362	
		28-Jun-93	1,490	161.0	554.0	10.1	262	262	
		5-Feb-96 *	1,290	153.0	445.0	13.0	223	272	2 U
		10-Mar-97 *	1,240	143.0	408.0	2.7	223	223	2 U
14_DBMW50	160	2-Dec-92	1,920	304.0	870.0	22.2	246	246	
		25-Jun-93	2,200	315.0	874.0	17.8	274	274	
		5-Feb-96	1,900	306.0	814.0	27.0	253	309	2 U
		5-Feb-96	1,980	310.0	618.0	25.0	257	314	2 U
		19-Nov-96 *	1,770	308.0	646.0	23.3	235	235	2 U
		17-Mar-97 *	1,800	264.0	542.0	21.0	228	228	2 U
		17-Mar-97 *	1,750	264.0	540.0	21.1	228	228	2 U
		9-Jul-97 *	1,800	341.0	657.0	21.9	271	271	2 U
14_DGMW79	158	20-Nov-92	2,330	313.0	907.0	10.9	328	328	
		16-Jun-93	2,360	308.0	846.0	16.8	305	305	
		5-Feb-96	2,240	324.0	761.0	23.0	255	311	2 U
		19-Nov-96 *	2,190	340.0	849.0	21.0	270	270	2 U
		17-Mar-97 *	2,100	302.0	731.0	20.4	270	270	2 U
		17-Mar-97 *	2,100	294.0	722.0	20.7	270	270	2 U
		9-Jul-97 *	2,090	342.0	798.0	18.6	289	289	2 U
15_DBMW51	165	4-Dec-92	5,250	1570.0	1,470.0	63.4	252	252	
		13-Aug-93	6,800	1560.0	1,400.0	58.1	323	323	
		8-Oct-93	5,650	1210.0	1,350.0	46.9	412	412	
		6-Feb-96	3,960	895.0	1,160.0	53.0	392	479	2 U
		4-Dec-96	3,050	504.0	1,210.0	15.0	556	556	2 U
		25-Mar-97	3,930	896.0	1,160.0	35.9	378	378	2 U
		2-Jul-97	2,560	338.0	874.0	10.0 U	614	614	2 U
		2-Jul-97	2,640	360.0	910.0	10.0 U	612	612	2 U
16_DBMW52	222	4-Nov-92	1,360	305.0	408.0	22.3	175	175	
		14-Jul-93	1,380	311.0	369.0	22.5	188	188	
		7-Feb-96	1,500	180.0	559.0	28.0	199	243	2 U
		7-Feb-96	1,520	182.0	568.0	29.0	202	246	2 U
		25-Nov-96 *	1,230	93.0	525.0	21.1	237	237	2 U
		19-Mar-97 *	1,250	80.6	455.0	22.5	236	236	2 U
		11-Jul-97 *	1,010	109.0	408.0	18.6	152	152	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
16_DGMW81	216	11-Dec-92	2,040	412.0	660.0	25.1	162	162	
		24-Jun-93	2,220	406.0	686.0	21.0	158	158	
		24-Jun-93	2,350	429.0	722.0	21.3			
		8-Feb-96	1,590	281.0	594.0	19.0	184	225	2 U
		8-Jan-97	3,380	287.0	638.0	18.3	187	187	2 U
		5-Mar-97	1,600	220.0	510.0	17.3	195	195	2 U
		2-Jul-97	1,800	273.0	662.0	15.4	194	194	2 U
16_UGMW33	220	17-Dec-92	639	19.5	201.0	5.2	265	265	
		14-Jul-93	677	8.6	192.0	5.8	296	296	
		14-Jul-93	698	8.6	193.0	5.9	298	298	
		7-Feb-96	589	13.0	164.0	8.6	311	379	2 U
		25-Nov-96 *	613	6.6	158.0	7.8	321	321	2 U
		19-Mar-97 *	640	12.0	155.0	6.7	316	316	2 U
		10-Jul-97 *	611	6.0	141.0	7.6	293	293	2 U
17_DGMW82	255	8-Feb-93	817	101.0	315.0	0.9	155	155	
		3-Jun-93	895	103.0	325.0	1.1	190	190	
		3-Jun-93	912	106.0	331.0		192	192	
		6-Dec-95	785	98.1	187.0	2.0		272	
		9-Feb-96	787	96.0	182.0	1.1	272	332	2 U
		20-Nov-96	760	113.0	172.0	1.4	272	272	2 U
		1-Apr-97	736	85.0	137.0	2.0	258	258	2 U
17_NEW1	226	3-Jan-96	526	114.0	46.1	1.1	244	244	
		20-Nov-96 *	450	90.4	47.4	4.8	192	192	2 U
		24-Mar-97 *	492	80.2	35.7	4.8	200	200	2 U
		30-Jun-97 *	472	86.2	36.0	4.3	207	207	2 U
17_NEW2	123	3-Jan-96	528	114.0	46.1	1.1	244	244	4 U
		20-Nov-96 *	397	132.0	40.8	0.1 U	179	179	2 U
		24-Mar-97 *	380	86.3	30.9	0.1	172	172	2 U
		30-Jun-97 *	401	110.0	37.4	2.5 U	177	177	2 U
18_BGMP06A	455	8-Oct-92	587	93.2	174.0	2.8	222	222	
		12-Aug-93	616	69.9	162.0	1.9	215	215	
		7-Feb-96	552	66.0	136.0	1.4	229	280	2 U
		8-Nov-96	657	77.0	157.0	2.0	226	226	2 U
		10-Mar-97	624	63.4	127.0	1.8	228	228	2 U
18_BGMP06B	390	7-Oct-92	700	77.4	182.0	0.8	246	246	
		11-Aug-93	732	67.7	177.0	0.9	242	242	
		7-Feb-96	685	68.0	168.0	0.7	262	319	2 U
		8-Nov-96	711	69.0	176.0	0.7	252	252	2 U
		10-Mar-97	689	60.8	155.0	0.7	253	253	2 U
18_BGMP06C	305	7-Oct-92	925	208.0	277.0	4.8	136	136	
		9-Aug-93	882	98.2	187.0	0.4	214	214	
		7-Feb-96	593	85.0	141.0	0.1 U	189	230	2 U
		8-Nov-96	649	83.0	153.0	0.1 U	218	218	2 U
		10-Mar-97	627	74.6	128.0	0.1 U	185	185	2 U
18_BGMP06D	178	6-Oct-92	1,140	228.0	325.0	9.2	180	180	
		6-Aug-93	1,343	277.0	369.0	12.1	210	210	
		7-Feb-96	1,150	278.0	320.0	16.0	229	280	2 U
		8-Nov-96	1,380	317.0	377.0	18.0	226	226	2 U
		10-Mar-97	1,360	254.0	291.0	12.1	225	225	2 U

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MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_BGMP06E	115	1-Oct-92	1,180	174.0	391.0	11.9	167	167	
		2-Aug-93	1,680	214.0	503.0	19.3	283	283	
		7-Feb-96	1,440	268.0	637.0	29.0	279	340	2 U
		8-Nov-96	1,870	267.0	683.0	28.0	274	274	2 U
		10-Mar-97	1,950	238.0	598.0	27.1	268	268	2 U
18_BGMP08A	449	17-Oct-92	894	208.0	212.0	5.7	148	148	
		11-Jun-93	962	223.0	229.0	2.2	173	173	
		15-Jan-96	988	241.0	229.0	4.5	184	225	2 U
		7-Nov-96	973	239.0	231.0	3.8	190	190	2 U
		6-Mar-97	947	207.0	196.0	4.0	197	197	2 U
18_BGMP08B	389	15-Oct-92	776	123.0	179.0	10.6	176	176	
		10-Jun-93	796	133.0	183.0	11.1	185	185	
18_BGMP08C	307	13-Oct-92	822	159.0	166.0	21.9	143	143	
		15-Oct-92	814	159.0	165.0	19.7	145	145	
		14-Jun-93	828	161.0	16.3	22.5	163	163	
		15-Jun-93	844	164.0	162.0	23.1	163	163	
		16-Jan-96	899	181.0	173.0	19.0	165	201	2 U
		7-Nov-96	803	137.0	183.0	11.0	190	190	2 U
		7-Mar-97	787	135.0	177.0	7.6	197	197	2 U
18_BGMP08D	136	12-Oct-92	1,810	330.0	374.0	55.5	335	335	
		10-Jun-93	1,920	310.0	379.0	67.1	328	328	
		17-Jan-96	1,470	229.0	412.0	39.0	283	345	2 U
		7-Nov-96	864	169.0	162.0	22.0	170	170	2 U
		7-Mar-97	867	162.0	148.0	20.9	167	167	2 U
18_BGMP08E	71	16-Jan-96	822	133.0	180.0	7.7	197	241	2 U
		7-Nov-96	1,450	199.0	398.0	41.0	280	280	2 U
		7-Mar-97	1,370	176.0	346.0	34.4	268	268	2 U
18_BGMP09A	463	23-Oct-92	964	251.0	269.0	0.1 U	144	144	
		22-Jun-93	1,510	475.0	427.0	0.1 <	146	146	
		31-Jan-96	2,200	803.0	633.0	0.1 U	69	79	3
		13-Nov-96	2,530	866.0	717.0	0.1 U	80	80	2 U
		18-Mar-97	2,570	915.0	740.0	0.5 U	86	86	2 U
18_BGMP09B	385	23-Oct-92	958	212.0	231.0	8.4	154	154	
		21-Jun-93	1,160	278.0	297.0	0.9	186	186	
		31-Jan-96	1,270	325.0	307.0	0.1 U	191	233	2 U
		13-Nov-96	1,250	318.0	322.0	0.2	203	203	2 U
		18-Mar-97	1,270	311.0	299.0	0.5 U	197	197	2 U
18_BGMP09C	268	22-Oct-92	765	133.0	210.0	0.3	203	203	
		18-Jun-93	714	133.0	198.0	0.1	173	173	
		1-Feb-96	625	113.0	163.0	0.1 U	139	170	2 U
		13-Nov-96	720	132.0	185.0	0.1 U	162	162	2 U
		18-Mar-97	802	111.0	163.0	0.1	163	163	2 U
18_BGMP09D	232	21-Oct-92	817	132.0	195.0	8.9	213	213	
		17-Jun-93	830	131.0	186.0	9.7	217	217	
		2-Feb-96	830	143.0	203.0	6.5	195	238	2 U
		13-Nov-96	852	133.0	180.0	10.0	235	235	2 U
		18-Mar-97	828	126.0	179.0	4.4	215	215	2 U

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MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_BGMP09E	143	20-Oct-92	882	207.0	170.0	9.9	214	214	
		20-Oct-92	894	212.0	175.0	9.9	216	216	
		23-Jun-93	961	208.0	175.0	10.4	211	211	
		24-Jun-93	918	210.0	173.0	10.3	211	211	
		2-Feb-96	1,060	246.0	164.0	10.0	212	259	2 U
		13-Nov-96	969	253.0	170.0	8.7	216	216	2 U
		18-Mar-97	863	227.0	148.0	7.6	215	215	2 U
18_BGMP09F	69	19-Oct-92	1,490	190.0	384.0	60.2	268	268	
		16-Jun-93	1,320	160.0	354.0	55.1	228	228	
		2-Feb-96	1,370	167.0	326.0	53.0	219	267	2 U
		13-Nov-96	1,300	224.0	346.0	38.6	211	211	2 U
		18-Mar-97	1,180	177.0	252.0	33.4	221	221	2 U
18_BGMP10A	1011	20-Jan-93	1,190	188.0	434.0	0.5	255	255	
		30-Jul-93	819	390.0	244.0	0.1 <	205	205	
		19-Jan-96	552	99.0	58.0	0.1 U	221	217	26
		19-Nov-96	600	92.2	59.0	0.1 U	218	218	2 U
		20-Mar-97	490	94.8	58.2	0.1 U	236	236	2 U
18_BGMP10B	896	25-Jan-93	1,010	169.0	424.0	0.4	272	272	
		25-Jan-93	1,160	187.0	454.0	0.5	276	276	
		30-Jul-93	998	135.0	289.0	0.1 <	254	254	
		23-Jan-96	495	86.0	70.0	0.1 U	229	280	2 U
		19-Nov-96	553	85.0	73.7	0.1 U	242	242	2 U
		20-Mar-97	550	85.0	72.0	0.1 U	245	245	2 U
18_BGMP10C	762	23-Jan-93	1,150	158.0	390.0	0.9	266	266	
		1-Jul-93	540	47.6	144.0	0.1 <	208	208	
		23-Jan-96	367	23.0	81.0	0.1 U	182	186	18
		19-Nov-96	363	21.2	79.3	0.1 U	175	175	2 U
		20-Mar-97	339	23.4	77.5	0.1 U	167	167	2 U
18_BGMP10D	573	22-Jan-93	587	66.1	191.0	0.1 U	226	226	
		28-Jun-93	611	60.9	166.0	0.1	229	229	
		23-Jan-96	462	27.0	92.0	0.1 U	223	272	2 U
		19-Nov-96	444	24.5	85.2	0.1 U	198	198	2 U
		20-Mar-97	452	24.0	84.5	0.1 U	230	230	2 U
18_BGMP10E	449	21-Jan-93	1,180	196.0	473.0	0.1 U	267	267	
		29-Jun-93	549	30.1	138.0	0.1	260	260	
		29-Jun-93	555	30.8	141.0	0.1 <			
		24-Jan-96	545	31.0	128.0	0.1 U	262	319	2 U
		19-Nov-96	602	39.0	156.0	0.1 U	265	265	2 U
		20-Mar-97	579	40.4	146.0	0.2	258	258	2 U
18_BGMP10F	228	20-Jan-93	1,160	245.0	601.0	0.1	282	282	
		25-Jun-93	1,220	178.0	415.0	0.1 <	256	256	
		24-Jan-96	1,260	144.0	632.0	3.6	272	332	2 U
		19-Nov-96	1,220	191.0	454.0	2.8	287	287	2 U
		20-Mar-97	1,200	166.0	382.0	2.5	268	268	2 U
18_BGMW01A	486	11-Dec-92	1,400	350.0	318.0	0.1 U	92	92	
		1-Jul-93	1,200	381.0	288.0	0.1 <	148	135	
		1-Jul-93	1,240	385.0	289.0		261	148	126
		26-Jan-96	1,190	357.0	226.0	0.1 U	195	238	2 U
		26-Jan-96	1,190	365.0	233.0	0.1 U	193	238	2 U
		8-Nov-96	1,220	379.0	303.0	0.1 U	147	147	U
		14-Mar-97	1,230	336.0	281.0	0.1 U	118	118	2 U

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MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_BGMW01B	416	14-Dec-92	702	105.0	192.0	1.6	198	198	
		22-Jun-93	770	103.0	210.0	0.9	216	216	
		26-Jan-96	701	72.0	314.0	1.8	210	256	2 U
		6-Nov-96	675	111.0	187.0	1.4	216	216	2 U
		11-Mar-97	676	92.4	155.0	1.7	215	215	2 U
18_BGMW01C	350	16-Dec-92	767	88.2	154.0	18.6	236	236	
		24-Jun-93	786	90.8	152.0	19.1	250	250	
		23-Jan-96	695	95.0	124.0	25.0	238	290	2 U
		5-Nov-96	776	88.0	135.0	22.0	242	242	2 U
		11-Mar-97	758	77.9	115.0	20.5	243	243	2 U
18_BGMW01D	262	9-Dec-92	864	152.0	203.0	8.1	282	282	
		23-Jan-96	944	139.0	182.0	9.9	287	351	2 U
		1-Nov-96	896	141.0	187.0	8.1	293	293	2 U
		27-Nov-96	--	--	--	7.3	--	--	--
		10-Mar-97	924	122.0	168.0	7.3	294	294	2 U
18_BGMW01E	225	27-Oct-92	867	176.0	61.1	14.3	396	396	
		27-Oct-92	872	177.0	61.4	17.2	414	414	
		18-Jun-93	918	168.0	57.0	15.4	212	212	
		5-Feb-96	780	129.0	55.0	8.8	440	536	2 U
		1-Nov-96	879	147.0	56.0	10.6	472	472	2 U
		27-Mar-97	860	160.0	51.0	9.6	468	468	2 U
18_BGMW02A	482	21-Dec-92	522	76.5	170.0	0.1 U	168	168	
		8-Jun-93	560	74.7	162.0	0.1 <	176	176	
		19-Jan-96	531	78.0	126.0	0.1 U	202	246	2 U
		19-Nov-96	535	76.0	163.0	0.1 U	175	175	2 U
		13-Mar-97	510	71.4	148.0	0.2 U	176	176	2 U
18_BGMW02C	378	22-Dec-92	561	71.0	142.0	1.6	206	206	
		9-Jun-93	560	69.7	135.0	1.9	224	224	
		18-Jan-96	561	73.0	132.0	1.9	225	275	2 U
		5-Nov-96	604	77.0	145.0	2.1	226	226	2 U
		11-Mar-97	569	63.0	117.0	1.9	232	232	2 U
18_BGMW02D	314	18-Dec-92	696	107.0	187.0	2.6	172	172	
		15-Jun-93	668	105.0	166.0	3.1	165	165	
		17-Feb-96	670	104.0	164.0	2.2	174	212	2 U
		17-Feb-96	662	112.0	175.0	2.2	176	215	2 U
		6-Nov-96	664	103.0	171.0	2.7	173	173	2 U
		13-Mar-97	647	89.2	145.0	2.8	172	172	2 U
18_BGMW02E	233	21-Sep-92	847	131.0	235.0	8.6	182	182	
		15-Jun-93	802	132.0	222.0	10.0	160	160	
		1-Feb-96	911	131.0	222.0	11.0	187	228	2 U
		1-Nov-96	847	134.0	223.0	9.4	177	177	2 U
		27-Nov-96	--	--	--	9.0	--	--	--
		27-Mar-97	821	86.8	198.0	10.3	189	189	2 U
18_BGMW03A	390	29-Oct-92	662	120.0	123.0	12.6	174	174	
		14-Jul-93	702	115.0	112.0	11.5	175	175	
		29-Feb-96	657	122.0	122.0	13.6	182	222	2 U
		29-Feb-96	663	106.0	109.0	14.3	182	222	2 U
		7-Nov-96	680	114.0	131.0	16.0	183	183	2 U
		21-Mar-97	639	88.2	101.0	14.3	176	176	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_BGMW03B	300	28-Oct-92	589	109.0	105.0	6.4	174	174	
		28-Nov-92	579	108.0	105.0	6.2	180	180	
		14-Jul-93	618	105.0	98.2	6.2	176	176	
		14-Jul-93	617	106.0	98.3	6.6			
		29-Feb-96	602	94.0	107.0	13.0	178	217	2 U
		7-Nov-96	607	113.0	96.0	7.7	177	177	2 U
		21-Mar-97	602	88.8	95.3	9.5	176	176	2 U
18_BGMW03C	242	17-Dec-92	654	126.0	116.0	8.4	162	162	
		15-Jul-93	675	126.0	111.0	8.4	164	164	
		12-Feb-96	658	119.0	99.0	14.0	159	194	2 U
		7-Nov-96	618	127.0	105.0	9.5	164	164	2 U
		21-Mar-97	603	160.0	114.0	8.5	157	157	2 U
		8-Jul-97	624	131.0	106.0	8.7	161	161	2 U
18_BGMW03E	164	17-Dec-92	928	238.0	146.0	14.1	138	138	
		15-Jul-93	1,200	243.0	128.0	13.1	144	144	
		5-Feb-96	922	250.0	94.0	17.0	142	173	2 U
		21-Nov-96	949	244.0	95.2	12.3	145	145	2 U
		18-Mar-97 *	857	217.0	93.4	12.0	135	135	2 U
		18-Mar-97 *	873	217.0	94.1	12.3	135	135	2 U
		8-Jul-97 *	851	271.0	92.6	11.4	143	143	2 U
18_BGMW04A	306	30-Sep-92	670	110.0	124.0	4.0	198	198	
		16-Jul-93	685	102.0	134.0	2.5	202	202	
		28-Feb-96	679	119.0	123.0	6.1	193	235	2 U
		11-Nov-96	673	118.0	121.0	5.4	198	198	2 U
		17-Mar-97	675	96.1	112.0	4.1	191	191	2 U
		17-Mar-97	656	91.8	102.0	4.0	191	191	2 U
18_BGMW04B	210	29-Sep-92	718	183.0	77.0	0.1 U	152	152	
		13-Jul-93	823	196.0	76.8	13.5	145	145	
		13-Jul-93	870	210.0	82.7	13.6	147	147	
		19-Jan-96	867	232.0	87.0	21.0	148	181	2 U
		19-Jan-96	1,020	234.0	84.0	24.0	148	181	2 U
		14-Nov-96	915	268.0	93.9	17.1	151	151	2 U
		18-Mar-97	840	214.0	80.6	17.5	152	152	2 U
		18-Mar-97	811	221.0	80.2	17.7	152	152	2 U
		9-Jul-97	976	242.0	86.2	15.2	154	154	2 U
18_BGMW05A	482	15-Dec-92	3,180	1580.0	419.0	0.1 U	75	75	
		8-Jul-93	3,360	1050.0	352.0	0.1 <	110	110	
		26-Jan-96	2,230	1080.0	225.0	0.1 U	152	186	2 U
		26-Jan-96	2,230	1080.0	225.0	0.1 U	152	186	2 U
		9-Jan-97	3,440	1660.0	397.0	1.0 U	77	77	2 U
		27-Mar-97	2,990	1630.0	359.0	0.1 U	75	75	2 U
18_BGMW05B	341	11-Nov-92	726	141.0	128.0	9.3	184	184	
		8-Jul-93	709	135.0	122.0	4.7	193	193	
		29-Feb-96	735	114.0	134.0	23.1	174	212	2 U
		7-Nov-96	718	142.0	127.0	12.0	188	188	2 U
		19-Mar-97	701	123.0	114.0	11.0	180	180	2 U
		19-Mar-97	698	119.0	108.0	11.0	180	180	2 U
18_BGMW05C	245	10-Nov-92	675	125.0	137.0	17.7	175	175	
		10-Nov-92	725	129.0	149.0	18.7	179	179	
		9-Jul-93	729	118.0	141.0	18.7	174	174	
		29-Feb-96	709	133.0	115.0	12.0	182	222	2 U
		7-Nov-96	771	129.0	152.0	12.0	183	183	2 U
		19-Mar-97	788	104.0	120.0	20.5	174	174	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_BGMW05D	133	3-Nov-92	675	125.0	137.0	9.4	142	142	
		12-Jul-93	1,080	126.0	325.0	9.9	253	253	
		19-Feb-96	982	281.0	140.0	7.2	202	246	2 U
		4-Dec-96	928	256.0	279.0	7.5	229	229	2 U
		19-Mar-97	925	215.0	122.0	6.8	228	228	2 U
		8-Jul-97	1,020	235.0	120.0	6.5	227	227	2 U
18_BGMW07	65	9-Dec-92	1,070	252.0	226.0	3.0	294	294	
		18-Jun-93	1,100	225.0	217.0	10.5	261	261	
		9-Feb-96 *	1,450	391.0	209.0	15.0	262	319	2 U
		24-Mar-97 *	982	243.0	166.0	7.2	225	225	2 U
18_BGMW12	205	9-Nov-92	1,900	226.0	920.0	14.9	227	227	
		2-Feb-96	1,770	305.0	685.0	28.0	204	249	2 U
		25-Nov-96 *	1,680	157.0	722.0	11.5	265	265	2 U
		20-Mar-97 *	1,890	264.0	629.0	17.3	243	243	2 U
18_BGMW14	115	20-Oct-92	819	163.0	146.0	12.8	220	220	
		19-Oct-93	1,150	259.0	114.0		176	176	
		16-Feb-96	1,320	358.0	130.0	19.0	152	186	2 U
		15-Nov-96	1,260	321.0	148.0	20.1	164	164	2 U
		15-Nov-96	1,710	336.0	163.0	19.8	166	166	2 U
		18-Mar-97	1,030	274.0	131.0	20.6	165	165	2 U
		18-Mar-97	1,100	271.0	129.0	20.5	165	165	2 U
18_BGMW15	215	30-Oct-92	1,490	285.0	835.0		141	141	
		9-Jul-93	2,610	359.0	1,090.0	19.7	156	156	
		2-Feb-96	2,210	288.0	898.0	20.0	195	238	2 U
		8-Nov-96 *	2,510	207.0	1,290.0	17.0	257	257	2 U
		19-Mar-97 *	2,560	186.0	1,120.0	18.2	249	249	2 U
18_BGMW16	263	23-Oct-92	988	97.4	356.0		204	211	
		23-Oct-92	1,010	99.9	368.0		211	249	
		19-Jul-93	944	73.5	289.0	12.3	227	227	
		19-Jan-96	1,030	96.0	327.0	25.0	223	272	2 U
		14-Nov-96	1,240	125.0	460.0	24.0	205	205	2 U
		26-Mar-97	1,220	112.0	395.0	24.6	200	200	2 U
18_BGMW17	255	22-Oct-92	891	125.0	215.0		225	225	
		12-Jul-93	900	124.0	207.0	19.8	223	223	
		29-Jan-96	881	118.0	187.0	24.0	225	275	2 U
		8-Nov-96	892	124.0	210.0	24.0	226	226	2 U
		14-Mar-97	899	102.0	165.0	20.7	228	228	2 U
18_BGMW18	180	10-Nov-92	1,040	127.0	307.0	22.8	286	286	
		16-Jul-93	1,100	107.0	276.0	21.3	303	303	
		5-Feb-96	1,110	107.0	300.0	31.0	294	358	2 U
		9-Jan-97	1,040	115.0	301.0	23.3	320	320	2 U
18_BGMW19A	468	22-Dec-92	799	89.5	246.0	1.7	243	243	
		9-Jun-93	758	89.0	236.0	1.8	240	240	
		1-Mar-96	805	91.1	228.0	1.7	242	296	2 U
		4-Nov-96	859	98.0	247.0	1.7	246	246	2 U
		10-Mar-97	858	86.1	221.0	1.6	238	238	2 U
18_BGMW19B	420	17-Dec-92	750	90.9	207.0	5.3	230	230	
		11-Jun-93	866	99.4	212.0	7.5	252	252	
		11-Mar-96	748	87.9	179.0	2.8	244	298	2 U
		4-Nov-96	728	87.0	173.0	4.2	242	242	2 U
		10-Mar-97	800	79.8	158.0	4.0	232	232	2 U

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MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_BGMW19C	277	24-Sep-92	1,150	198.0	329.0	13.5	220	220	
		24-Sep-92		200.0	330.0	13.6			
		28-Jun-93	1,200	205.0	344.0	15.4	220	220	
		29-Feb-96	1,350	227.0	265.0	23.6	221	269	2 U
		5-Nov-96	1,230	232.0	416.0	21.0	218	218	2 U
		10-Mar-97	1,510	200.0	383.0	22.9	208	208	2 U
18_BGMW19D	170	25-Sep-92	2,080	171.0	630.0	66.7	286	286	
		14-Jun-93	1,870	156.0	567.0	69.7	298	298	
		16-Feb-96	2,300	179.0	741.0	64.0	244	298	2 U
		4-Nov-96	2,230	201.0	817.0	85.0	246	246	2 U
		10-Mar-97	2,200	173.0	671.0	79.1	240	240	2 U
18_BGMW19E	138	12-Nov-92	1,940	189.0	683.0	53.6	310	310	
		14-Jun-93	1,890	164.0	607.0	57.7	308	308	
		14-Jun-93	1,900	171.0		63.5	315	315	
		6-Feb-96	1,820	154.0	564.0	64.0	339	413	2 U
		20-Nov-96 *	1,880	162.0	593.0	51.6	321	321	2 U
		20-Mar-97 *	1,820	184.0	529.0	58.4	322	322	2 U
18_BGMW22	287	9-Dec-92	842	94.8	245.0	1.8	390	390	
		28-Jun-93	870	97.8	220.0	1.7	326	326	
		22-Jan-96	920	116.0	209.0	2.9	309	377	2 U
		14-Nov-96	843	100.0	217.0	1.6	319	319	2 U
		20-Mar-97	843	115.0	190.0	2.0	313	313	2 U
18_BGMW23	104	10-Dec-92	983	171.0	198.0	28.0	152	152	
		22-Jun-93	900	171.0	199.0	22.5	146	146	
		19-Feb-96	835	177.0	154.0	19.0	142	173	2 U
		5-Dec-96	918	204.0	340.0	23.1	149	149	2 U
		5-Dec-96	933	208.0	344.0	22.7	149	149	2 U
		18-Mar-97	900	154.0	185.0	21.6	157	157	2 U
		18-Mar-97	907	172.0	179.0	29.3	157	157	2 U
18_BGMW24	71	12-Nov-92	731	56.3	251.0	8.6	204	204	
		9-Jul-93	733	50.2	242.0	7.4	206	206	
		7-Feb-96	718	53.0	222.0	12.0	238	290	2 U
		26-Nov-96 *	808	49.9	253.0	9.7	254	254	2 U
		26-Nov-96 *	822	55.5	275.0	9.8	254	254	2 U
		25-Mar-97 *	823	55.5	239.0	10.4	258	258	2 U
18_BGMW101	130	13-Nov-92	1,470	215.0	437.0	16.2	314	314	
		19-Jul-93	1,490	217.0	397.0	15.8	304	304	
		29-Jan-96	1,540	326.0	381.0	25.0	259	317	2 U
		14-Nov-96	1,430	312.0	368.0	25.4	259	259	2 U
		14-Nov-96	1,500	307.0	360.0	24.5	259	259	2 U
		18-Mar-97	1,450	265.0	317.0	22.9	258	258	2 U
		18-Mar-97	1,460	266.0	320.0	23.0	258	258	2 U
		9-Jul-97	1,460	302.0	331.0	20.3	265	265	2 U
18_DW135	135	20-Jan-89	1,750	349.0	770.0	119.5		194	
		22-Dec-92	2,100	400.0	727.0	26.8	187	187	
		22-Dec-92	2,120	409.0	739.0	26.7	188	188	
		19-Feb-96	2,350	416.0	1,000.0	27.0	165	201	2 U
		5-Nov-96	2,330	404.0	1,040.0	28.0	170	170	2 U
		7-Mar-97	2,200	327.0	789.0	25.3	172	172	2 U
		7-Jul-97	1,750	385.0	862.0	23.8	174	174	2 U

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MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_DW250	250	20-Jan-89	570	81.0	148.0	13.7		193	
		21-Dec-92	702	108.0	161.0	6.0	202	202	
		6-Jul-93	776	121.0	183.0	6.2	204	204	
		31-Jan-96	703	104.0	151.0	5.7	212	259	2 U
		5-Nov-96	806	135.0	163.0	8.2	205	205	2 U
		7-Mar-97	707	96.7	137.0	5.2	221	221	2 U
18_DW350	350	20-Jan-89	580	66.0	153.0	7.1		224	
		11-Jan-93	708	87.4	174.0	3.2	228		
		15-Jun-93	637	76.8	150.0	3.6	227	227	
		29-Jan-96	693	103.0	151.0	5.5	229	280	2 U
		6-Nov-96	624	73.0	160.0	2.8	233	233	2 U
		6-Mar-97	681	98.6	141.0	4.8	228	228	2 U
18_DW450	450	20-Jan-89	580	68.0	148.0	22.6		224	
		12-Jan-93	660	72.0	154.0	7.0	230		
		30-Jun-93	684	69.1	148.0	6.7	232	232	
		29-Jan-96	722	91.0	165.0	8.9	251	306	2 U
		5-Nov-96	728	83.0	171.0	9.4	259	259	2 U
		6-Mar-97	718	76.6	151.0	8.6	253	253	2 U
18_DW540	540	21-Jan-89	630	85.0	148.0	31.4		223	
		13-Jan-93	682	85.9	158.0	7.3	230	230	
		1-Jul-93	685	80.1	150.0	7.7	226	226	
		30-Jan-96	706	79.0	145.0	9.0	229	280	2 U
		6-Nov-96	690	86.0	162.0	8.7	233	233	2 U
		6-Mar-97	689	78.4	146.0	8.1	236	236	2 U
18_MCAS01-1	70	6-Feb-89	1,616	132.0	517.0	62.0		434	
		19-Oct-89	1,520	141.0	532.0	57.5		409	
		14-May-90	1,450	142.0	429.0	48.7		406	
		14-May-90	1,450	142.0	429.0				
		11-Nov-90	1,330	136.0	353.0	42.5		375	
		17-Jul-91	1,370	131.0	390.0	53.1		373	
		22-Sep-92	1,360	151.0	383.0	62.9		195	
		23-Nov-93	1,350	164.0	364.0	15.3	422	422	
		23-Nov-93	1,360			15.6	453	453	
		12-Jun-95	1,410	174.0	379.0	18.4		543	
		24-Jan-96	1,540	189.0	411.0	24.0	455	555	2 U
		5-Sep-96	1,600	190.0	458.0	17.3			
		18-Nov-96	1,620	203.0	466.0	19.0	451	451	2 U
		19-Mar-97	1,610	200.0	421.0	19.0	459	459	2 U
18_MCAS01-2	160	6-Feb-89	2,590	430.0	779.0	119.5		274	
		19-Oct-89	2,470	392.0	727.0	115.1		296	
		17-May-90	2,460	474.0	727.0	119.5		274	
		11-Nov-90	2,370	380.0	571.0	88.5		258	
		21-Mar-91	2,500	400.0	700.0	115.1		226	
		17-Jul-91	2,600	470.0	744.0	119.5		210	
		22-Sep-92	2,040	448.0	727.0	114.2		135	
		24-Nov-93	2,440	459.0	752.0	28.3	304	304	
		12-Jun-95	2,440	467.0	732.0	28.9		354	
		24-Jan-96	2,580	504.0	711.0	39.0	285	348	2 U
		5-Sep-96	2,520	531.0	702.0	26.9		327	
		18-Nov-96	2,630	532.0	710.0	31.2	265	265	2 U
		19-Mar-97	2,390	529.0	1,130.0	24.0	264	264	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS *All Results in Milligrams per Liter (mg/L)*						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS01-3	220	6-Feb-89	1,270	344.0	324.0	62.0		170	
		19-Oct-89	1,460	389.0	366.0	70.8		144	
		17-May-90	1,530	346.0	341.0	75.3		169	
		11-Nov-90	1,350	336.0	345.0	62.0		201	
		21-Mar-91	1,400	339.0	350.0	62.0		176	
		17-Jul-91	1,430	320.0	348.0	66.4		172	
		22-Sep-92	1,470	349.0	378.0	73.9		89	
		12-Jun-97	1,260	257.0	338.0	18.6		258	
		18-Jan-96	1,460	333.0	358.0	19.0	247	301	2 U
		5-Sep-96	1,480	329.0	368.0	18.6			
		18-Nov-96	1,500	335.0	357.0	20.8	207	207	2 U
		19-Mar-97	1,360	273.0	316.0	21.1	236	236	2 U
		2-Jul-97	1,530	401.0	477.0	23.0	227	227	2 U
18_MCAS01-4	280	7-Feb-89	1,420	270.0	302.0	48.7		192	
		19-Oct-89	1,280	303.0	326.0	57.5		175	
		17-May-90	1,340	302.0	341.0	48.7		221	
		11-Nov-90	1,360	272.0	350.0	62.0		230	
		21-Mar-91	1,300	290.0	330.0	53.1		172	
		17-Jul-91	1,240	257.0	305.0	53.1		176	
		22-Sep-92	1,170	246.0	295.0	55.3		183	
		24-Nov-93	1,490	322.0	382.0	16.3	217	217	
		29-Nov-93	1,140	234.0	310.0	13.4	231	231	
		12-Jun-95	1,160	202.0	274.0	13.6		280	
		18-Jan-96	1,140	224.0	278.0	13.0	240	293	2 U
		5-Sep-96	1,210	211.0	287.0	15.9			
		18-Nov-96	1,150	218.0	293.0	17.6	242	242	2 U
		19-Mar-97	1,120	196.0	238.0	14.4	234	234	2 U
		2-Jul-97	1,210	227.0	305.0	17.9	245	245	2 U
18_MCAS01-5	340	6-Feb-89	908	153.0	222.0	31.4		188	
		19-Oct-89	1,100	245.0	299.0	28.8		199	
		17-May-90	848	157.0	200.0	20.8		191	
		11-Nov-90	900	138.0	240.0	33.2		220	
		21-Mar-91	870	154.0	230.0	30.1		191	
		17-Jul-91	858	150.0	216.0	31.9		190	
		22-Sep-92	870	151.0	209.0	33.2		189	
		12-Jun-95	868	126.0	170.0	9.2		279	
		18-Jan-96	828	150.0	175.0	8.9	232	283	2 U
		5-Sep-96	872	140.0	178.0	9.7			
		18-Nov-96	878	150.0	189.0	9.7	224	224	2 U
		19-Mar-97	829	131.0	165.0	9.1	219	219	2 U
		1-Jul-97	894	169.0	194.0	8.8	229	229	2 U
18_MCAS01-6	460	6-Feb-89	788	132.0	208.0	0.4 U		178	
		19-Oct-89	818	175.0	227.0	0.4 U		157	
		14-May-90	800	152.0	195.0	0.4 U		177	
		11-Nov-90	1,280	147.0	417.0	2.7		332	
		19-Mar-91	1,100	183.0	348.0	0.4		246	
		17-Jul-91	964	167.0	279.0	0.4 U		220	
		22-Sep-92	802	139.0	197.0	0.4 U		205	
		16-Dec-93	740	135.0	188.0	0.1	248	248	
		12-Jun-95	684	126.0	175.0	<0.10		255	
		18-Jan-96	771	146.0	175.0	0.7	232	283	2 U
		5-Sep-96	738	129.0	170.0	<0.10			
		15-Nov-96	783	136.0	172.0	0.1 U	220	220	2 U
		19-Mar-97	779	131.0	164.0	0.8	223	223	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS01-7	550	6-Feb-89	1,760	329.0	603.0	34.1		229	
		19-Oct-89	1,610	316.0	519.0	2.7		265	
		14-May-90	1,120	210.0	336.0	0.4 U		258	
		14-May-90	1,120	210.0	336.0	U			
		11-Nov-90	1,460	351.0	456.0	0.4 U		66	
		19-Mar-91	820	311.0	90.0	0.4		81	
		17-Jul-91	826	285.0	10.0	0.4 U		128	
		18-Sep-92	722	268.0	1.0	0.4 <		67	
		18-Sep-92	722	268.0	1.0				
		1-Dec-93	732	190.0	56.5	0.1 U	266	266	
		12-Jun-95	734	174.0	150.0	<0.10		205	
		17-Jan-96	680	169.0	175.0	0.1	114	139	2 U
		5-Sep-96	544	215.0	1.1	<0.10		123	
		15-Nov-96	711	162.0	94.7	0.1 U	235	235	2 U
		19-Mar-97	630	156.0	118.0	0.5 U	88	88	2 U
18_MCAS02-1	50	7-Feb-89	1,970	417.0	430.0	137.2		349	
		17-Oct-89	1,880	457.0	459.0	124.0		235	
		18-May-90	2,050	473.0	513.0	141.7		312	
		11-Nov-90	1,980	416.0	477.0	135.0		299	
		5-Apr-91	2,070	440.0	440.0	159.4		337	
		9-Jul-91	1,980	385.0	469.0	163.8		320	
		17-Sep-92	2,140	399.0	538.0	223.6		364	
		9-Nov-93	2,250	372.0	553.0	57.1	442	442	
		28-Jun-95	2,380	419.0	595.0	49.8		555	
		30-Jan-96	2,650	453.0	587.0	73.0	472	575	2 U
		8-Sep-96	2,480	484.0	572.0	90.0		575	
		12-Nov-96	1,350	527.0	438.0	9.7	153	153	2 U
		13-Mar-97	2,420	392.0	545.0	50.0	483	483	2 U
18_MCAS02-2	140	7-Feb-89	3,120	862.0	767.0	128.4		208	
		17-Oct-89	3,140	933.0	830.0	137.2		171	
		18-May-90	3,480	841.0	827.0	150.5		200	
		10-Nov-90	2,900	644.0	722.0	128.4		212	
		5-Apr-91	2,900	795.0	810.0	132.8		226	
		9-Jul-91	2,880	732.0	805.0	132.8		141	
		17-Sep-92	3,330	768.0	848.0	134.6		220	
		9-Nov-93	3,470	647.0	852.0	29.6	276	276	
		28-Jun-95	3,070	851.0	853.0	35.4		349	
		30-Jan-96	2,790	638.0	755.0	31.0	302	369	2 U
		8-Sep-96	2,440	627.0	817.0	33.8		362	
		12-Nov-96	2,870	704.0	995.0	40.0	306	306	2 U
		13-Mar-97	2,650	553.0	687.0	35.0	311	311	2 U
18_MCAS02-3	210	7-Feb-89	1,190	274.0	293.0	53.1		171	
		17-Oct-89	1,170	278.0	307.0	53.1		164	
		18-May-90	1,280	345.0	354.0	84.1		162	
		5-Apr-91	1,440	320.0	382.0	79.7		231	
		9-Jul-91	1,310	250.0	347.0	75.3		201	
		17-Sep-92	1,230	246.0	298.0	71.3		187	
		20-Nov-93	1,150	207.0	287.0	17.4	214	214	
		28-Jun-95	1,170	210.0	270.0	23.0		245	
		30-Jan-96	1,690	213.0	258.0	21.0	195	238	2 U
		8-Sep-96	1,180	214.0	272.0	22.1		249	
		12-Nov-96	1,150	206.0	282.0	24.0	203	203	2 U
		13-Mar-97	1,120	199.0	237.0	23.2	200	200	2 U
		2-Jul-97	1,170	227.0	270.0	21.7	207	207	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS02-4	380	16-Feb-89	898	162.0	221.0	32.3		186	
		17-Oct-89	882	172.0	237.0	38.1		181	
		18-May-90	1,220	270.0	323.0	57.5		178	
		5-Apr-91	1,390	290.0	359.0	62.0		220	
		9-Jul-91	1,010	173.0	236.0	48.7		208	
		17-Sep-92	945	179.0	211.0	52.7		186	
		11-Nov-93	896	160.0	206.0	12.1	215	215	
		28-Jun-95	1,020	199.0	235.0	18.0		248	
		29-Jan-96	984	200.0	208.0	18.0	214	262	2 U
		8-Sep-96	1,010	186.0	213.0	16.2		251	
		12-Nov-96	999	187.0	212.0	19.0	216	216	2 U
		13-Mar-97	971	176.0	190.0	17.6	215	215	2 U
		2-Jul-97	1,030	196.0	211.0	15.3	209	209	2 U
18_MCAS02-5	430	8-Feb-89	814	134.0	193.0	12.0		187	
		10-Oct-89	822	147.0	211.0	12.0		188	
		18-May-90	864	167.0	242.0	9.7		194	
		5-Apr-91	1,390	286.0	364.0	33.2		263	
		9-Jul-91	1,040	186.0	287.0	6.2		220	
		17-Sep-92	836	161.0	204.0	3.7		202	
		12-Nov-93	837	159.0	200.0	2.6	238	238	
		28-Jun-95	858	164.0	183.0	3.7		283	
		29-Jan-96	854	179.0	177.0	5.8	238	290	2 U
		8-Sep-96	858	183.0	212.0	6.4		283	
		12-Nov-96	874	166.0	176.0	7.3	233	233	2 U
		12-Mar-97	901	153.0	156.0	7.8	234	234	2 U
		2-Jul-97	872	198.0	187.0	7.2	229	229	2 U
18_MCAS02-6	500	8-Feb-89	1,810	450.0	501.0	18.1 U		221	
		10-Oct-89	1,320	337.0	424.0	0.4		165	
		18-May-90	1,480	480.0	383.0	0.9		223	
		5-Apr-91	1,850	450.0	450.0	40.3		278	
		9-Jul-91	1,660	392.0	485.0	13.7 U		185	
		17-Sep-92	1,410	332.0	412.0	0.4 <		183	
		15-Nov-93	1,330	299.0	397.0	0.1 U	212	212	
		28-Jun-95	1,370	313.0	403.0	<0.10		265	
		29-Jan-96	1,350	313.0	374.0	0.1	227	277	2 U
		8-Sep-96	1,300	286.0	361.0	0.1		246	
		12-Nov-96	1,340	338.0	399.0	0.1 U	209	209	2 U
		12-Mar-97	1,390	293.0	343.0	0.1 U	223	223	2 U
18_MCAS02-7	560	8-Feb-89	2,200	596.0	649.0	30.1 U		197	
		10-Oct-89	2,210	576.0	648.0	0.4 U		230	
		18-May-90	2,100	618.0	683.0	0.4		268	
		5-Apr-91	1,860	482.0	511.0	1.3		303	
		9-Jul-91	1,840	396.0	477.0	0.4 U		295	
		17-Sep-92	1,850	437.0	517.0	0.4		280	
		16-Nov-93	1,750	386.0	500.0	0.1 U	332	332	
		12-Jun-95	1,740	379.0	460.0	<0.10		450	
		29-Jan-96	1,700	419.0	471.0	0.1 U	341	416	2 U
		8-Sep-96	1,680	382.0	449.0	<0.10		428	
		12-Nov-96	1,700	399.0	458.0	0.1 U	351	351	2 U
		12-Mar-97	1,740	358.0	406.0	0.1 U	382	382	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS02-8	630	8-Feb-89	1,870	528.0	518.0	0.4 U		160	
		10-Oct-89	1,490	431.0	402.0	0.4 U		160	
		18-May-90	1,480	450.0	362.0	0.4 U		165	
		5-Apr-91	1,550	432.0	349.0	0.4 U		293	
		9-Jul-91	1,520	374.0	320.0	0.4 U		294	
		17-Sep-92	1,350	355.0	368.0	0.4 <		205	
		8-Nov-93	1,425	163.0	190.0	0.1 U	262	262	
		12-Jun-95	1,370	322.0	483.0	<0.10		273	
		29-Jan-96	1,410	312.0	402.0	0.1	225	275	2 U
		8-Sep-96	1,370	313.0	446.0	<0.10		249	
		12-Nov-96	1,350	527.0	438.0	0.1 U	153	153	2 U
		12-Mar-97	1,400	321.0	410.0	0.1 U	144	144	2 U
18_MCAS03-1	95	30-Jan-89	2,072	251.0	814.0	97.4		208	
		10-Oct-89	2,230	265.0	899.0	110.7		208	
		17-May-90	2,340	348.0	981.0	115.1		165	
		9-Nov-90	2,100	246.0	815.0	110.7		200	
		4-Apr-91	2,290	318.0	918.0	124.0		219	
		18-Jul-91	2,250	315.0	911.0	128.4		165	
		15-Sep-92	2,120	327.0	888.0	134.1		182	
		22-Nov-93	1,890	288.0	717.0	24.0	267	267	
		22-Nov-93	1,900	271.0	849.0	24.1	268	268	
		6-Nov-96	1,940	233.0	917.0	23.0	114	114	2 U
		12-Mar-97	1,920	178.0	614.0	20.0	322	322	2 U
		1-Jul-97	2,000	223.0	802.0	19.5	300	300	2 U
18_MCAS03-2	170	30-Jan-89	1,562	340.0	447.0	101.8		84	
		10-Oct-89	1,710	350.0	440.0	93.0		143	
		17-May-90	1,690	396.0	480.0	97.4		130	
		9-Nov-90	1,650	326.0	400.0	84.1		148	
		4-Apr-91	1,630	357.0	411.0	93.0		151	
		18-Jul-91	1,520	340.0	442.0	93.0		96	
		15-Sep-92	1,590	192.0	696.0	81.0		146	
		19-Nov-93	1,500	287.0	383.0	20.9	161	161	
		20-Dec-95	1,530	327.0	418.0	21.0		180	
		6-Feb-96	1,690	335.0	389.0	25.0	150	183	2 U
		6-Nov-96	1,550	348.0	397.0	21.0	179	179	2 U
		11-Mar-97	1,480	290.0	321.0	17.1	152	152	2 U
		1-Jul-97	1,570	377.0	399.0	18.1	179	179	2 U
18_MCAS03-3	230	30-Jan-89	768	180.0	120.0	101.8		146	
		9-Oct-89	822	180.0	123.0	93.0		148	
		17-May-90	844	173.0	118.0	88.5		148	
		9-Nov-90	824	172.0	108.0	84.1		140	
		4-Apr-91	798	175.0	110.0	93.0		150	
		18-Jul-91	806	188.0	110.0	88.5		144	
		15-Sep-92	806	200.0	101.0	81.0		141	
		19-Nov-93	798	181.0	94.3	18.6	160	160	
		20-Dec-95	842	207.0	102.0	20.3		190	
		6-Feb-96	828	208.0	89.0	23.0	161	196	2 U
		6-Nov-96	843	220.0	97.0	23.0	164	164	2 U
		11-Mar-97	882	191.0	82.3	20.2	155	155	2 U
		1-Jul-97	926	289.0	104.0	20.3	166	166	2 U

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS03-4	350	30-Jan-89	656	116.0	122.0	18.4		182	
		9-Oct-89	688	123.0	146.0	19.0		176	
		17-May-90	722	128.0	140.0	12.8		173	
		4-Apr-91	694	121.0	138.0	22.1		184	
		18-Jul-91	694	121.0	137.0	26.6		144	
		15-Sep-92	714	124.0	135.0	30.8		171	
		18-Nov-93	691	110.0	128.0	7.7	206	206	
		20-Dec-95	684	123.0	129.0	8.0		241	
		6-Feb-96	713	119.0	118.0	10.0	204	249	2 U
		6-Nov-96	680	126.0	123.0	19.0	203	203	2 U
		11-Mar-97	685	107.0	104.0	7.7	204	204	2 U
18_MCAS03-5	430	30-Jan-89	656	96.0	162.0	8.4		192	
		9-Oct-89	782	135.0	186.0	4.0		201	
		17-May-90	684	88.0	157.0	3.1		196	
		4-Apr-91	710	90.0	171.0	10.6		208	
		18-Jul-91	664	84.0	171.0	7.5		195	
		15-Sep-92	668	69.0	161.0	6.2		195	
		18-Nov-93	625	65.6	151.0	1.4	234	234	
		20-Dec-95	816	69.1	156.0	1.3		287	
		6-Feb-96	795	187.0	137.0	0.6	240	293	2 U
		6-Nov-96	631	79.0	164.0	1.7	244	244	2 U
		11-Mar-97	632	63.9	126.0	1.6	247	247	2 U
18_MCAS03-6	500	30-Jan-89	772	157.0	186.0	10.6		181	
		9-Oct-89	804	153.0	189.0	10.6		169	
		17-May-90	802	154.0	190.0	4.9 U		181	
		4-Apr-91	798	194.0	224.0	0.4 U		85	
		18-Jul-91	731	185.0	216.0	0.4 U		148	
		15-Sep-92	736	187.0	212.0	0.4		42	
		17-Nov-93	689	158.0	197.0	0.2 U	73	73	
		20-Dec-95	692	196.0	211.0	<0.10		33	
		6-Feb-96	795	187.0	203.0	0.1 U	24	29	2 U
		6-Feb-96	1,960	219.0	786.0	28.0	309	377	2 U
		6-Nov-96	738	199.0	213.0	0.1	43	43	2 U
		11-Mar-97	691	161.0	177.0	0.1 U	41	41	2 U
18_MCAS04	238	23-Oct-89	886	153.0	205.0	21.2		148	
		23-Feb-90	996	156.0	232.0	17.3		154	
		6-Jul-90	884	173.0	270.0	20.4		116	
		2-Feb-91	852	170.0	267.0	19.9		128	
		10-Jul-92	844	171.0	284.0	24.3		145	
		10-Jul-92	844	171.0	284.0				
		4-Aug-93	944	158.0	240.0	5.9	184	184	
		12-Nov-94	895	176.0	285.0	7.4		238	
		9-Feb-96	1,020	184.0	248.0	8.6	210	256	2 U
		16-Feb-96	996	171.0	298.0	8.2		254	
		12-Feb-97	922	186.0	286.0	7.7		249	
		19-Nov-96	1,030	198.0	294.0	8.6	209	209	2 U
		13-Mar-97	956	160.0	230.0	7.1	215	215	2 U
		14-Jul-97	1,040	211.0	276.0	9.9	221	221	2 U
18_MCAS05	148	19-Oct-89	912	206.0	186.0	48.7		173	
		7-Mar-90	896	182.0	179.0	48.7		43	
		23-Jul-90	918	212.0	196.0	53.1		176	
		15-Feb-91	948	234.0	203.0	53.1		179	
		31-Jul-92	934	213.0	193.0	51.8		170	
		16-Jun-93	919	200.0	179.0	12.6	210	210	
		16-Jun-93	930	201.0	180.0		216	216	

Table 8-1: SUMMARY OF GENERAL CHEMISTRY ANALYSES
MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS05A	130	12-Nov-94	765	155.0	143.0	8.9		274	
		18-Dec-95	724	156.0	137.0	6.6		278	
		6-Feb-96	768	145.0	111.0	3.0	219	267	2 U
		20-Nov-96	701	170.0	128.0	5.6	233	233	2 U
		20-Nov-96	719	176.0	129.0	5.7	222	222	2 U
		8-Jan-97	710	140.0		4.1		268	
		18-Mar-97	654	127.0	97.4	3.8	234	234	2 U
18_MCAS06	222	28-Oct-89	722	143.0	163.0	17.7		162	
		9-Mar-90	668	141.0	124.0	17.7		161	
		11-Jul-90	748	145.0	145.0	24.3		149	
		23-May-91	712	147.0	155.0	28.8		154	
		31-Jul-92	782	160.0	172.0	39.4		139	
		16-Jun-93	741	143.0	163.0	7.3	188	188	
		12-Nov-94	790	146.0	161.0	7.7		232	
		18-Dec-95	790	147.0	178.0	5.5		227	
		6-Feb-96	768	145.0	188.0	3.0	189	230	2 U
		19-Nov-96	775	152.0	185.0	6.7	190	190	2 U
		8-Jan-97	800	138.0	167.0	6.3		227	
		25-Mar-97	790	157.0	159.0	6.6	172	172	2 U
		15-Jul-97	816	155.0	164.0	5.9	199	199	2 U
18_MCAS07-1	99	20-Jan-89	2,560	545.0	638.0	168.2		167	
		2-Aug-90	2,670	483.0	716.0	177.1		269	
		16-Nov-90	2,640	538.0	700.0	177.1		221	
		22-Mar-91	2,800	447.0	607.0	150.5		267	
		25-Jul-91	2,520	535.0	673.0	177.1		262	
		20-Oct-92	2,440	525.0	650.0	175.3		270	
		27-Oct-93	2,680	486.0	668.0	35.5	254	254	
		27-Oct-93	2,790	490.0	675.0	36.1	346	346	
		29-Jun-95	2,600	469.0	570.0	32.1		391	
		9-Feb-96	2,430	528.0	598.0	35.0	326	398	2 U
		25-Jul-96	2,230	535.0	716.0	39.2			
		20-Nov-96	2,180	457.0	576.0	33.2	317	317	2 U
		26-Mar-97	1,930	467.0	517.0	33.7	283	283	2 U
18_MCAS07-2	199	20-Jan-89	870	151.0	166.0	0.4		178	
		2-Aug-90	1,030	182.0	234.0	57.5		190	
		17-Nov-90	710	119.0	150.0	25.7		150	
		22-Mar-91	760	141.0	179.0	31.4		174	
		26-Jul-91	786	138.0	161.0	33.2		184	
		20-Oct-92	734	121.0	136.0	31.9		174	
		29-Jun-95	804	138.0	188.0	6.1		268	
		21-Oct-93	695	123.0	128.0	10.7	204	204	
		9-Feb-96	778	145.0	171.0	7.3	208	254	2 U
		25-Jul-96	706	109.0	159.0	3.6			
		20-Nov-96	874	144.0	149.0	6.1	220	220	2 U
		26-Mar-97	676	88.2	106.0	4.3	185	185	2 U

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MCAS El Toro Groundwater Monitoring Program

			GENERAL CHEMISTRY PARAMETERS AND REGULATORY STANDARDS All Results in Milligrams per Liter (mg/L)						
Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS07-3	359	20-Jan-89	650	122.0	126.0	13.7		167	
		2-Aug-90	846	162.0	173.0	32.8		173	
		17-Nov-90	724	143.0	148.0	25.2		140	
		22-Mar-91	720	148.0	160.0	23.5		167	
		26-Jul-91	728	140.0	144.0	22.1		164	
		20-Oct-92	748	135.0	140.0	19.9		162	
		22-Oct-93	692	126.0	145.0	12.1	200	200	
		29-Jun-95	904	163.0	202.0	6.7		262	
		9-Feb-96	743	146.0	166.0	5.5 U	212	259	2 U
		25-Jul-96	812	143.0	164.0	5.2			
		20-Nov-96	737	160.0	171.0	4.8	211	211	2 U
		26-Mar-97	696	119.0	130.0	4.5	187	187	2 U
		10-Jul-97	797	158.0	150.0	5.7	207	207	2 U
18_MCAS07-4	449	19-Jan-89	670	137.0	132.0	0.4 U		161	
		2-Aug-90	1,210	261.0	347.0	0.4 U		186	
		17-Nov-90	832	171.0	210.0	0.4 U		165	
		22-Mar-91	760	163.0	195.0	0.4 U		173	
		26-Jul-91	736	153.0	166.0	0.4 U		176	
		20-Oct-92	702	139.0	146.0	0.4 <		160	
		25-Oct-93	679	126.0	146.0	0.1 U	202	202	
		29-Jun-95	1,020	203.0	285.0	<0.10		252	
		8-Feb-96	779	147.0	161.0	0.1 U	214	262	2 U
		25-Jul-96	882	137.0	156.0	<0.10			
		20-Nov-96	703	177.0	161.0	0.1 U	209	209	2 U
		26-Mar-97	826	113.0	123.0	0.1 U	182	182	2 U
		10-Jul-97	737	130.0	130.0	5.0 U	207	207	2 U
18_MCAS07-5	519	18-Jan-89	1,720	343.0	612.0	0.4		216	
		2-Aug-90	2,850	488.0	812.0	154.9		247	
		17-Nov-90	2,630	536.0	781.0	62.0 U		282	
		22-Mar-91	2,600	580.0	791.0	0.4 U		331	
		26-Jul-91	2,560	572.0	823.0	0.4 U		309	
		20-Oct-92	2,080	488.0	718.0	0.4 <		328	
		26-Oct-93	2,350	432.0	706.0	0.1 U	184	184	
		8-Feb-96	1,870	399.0	545.0	0.1 U	365	445	2 U
		25-Jul-96	2,000	447.0	643.0	<0.10			
		11-Nov-96	2,030	416.0	562.0	0.1 U	373	373	2 U
		26-Mar-97	1,980	368.0	514.0	0.1 U	367	367	2 U
		10-Jul-97	2,170	490.0	598.0	10.0 U	377	377	2 U
18_MCAS07-6	809	19-Jan-89	2,030	416.0	668.0	0.4		320	
		2-Aug-90	2,670	494.0	784.0	128.4		278	
		17-Nov-90	2,490	528.0	759.0	12.8 U		235	
		22-Mar-91	2,400	579.0	791.0	0.4		226	
		26-Jul-91	2,460	543.0	821.0	4.0 <		210	
		28-Oct-93	1,670	409.0	637.0	0.1 U	167	167	
		29-Jun-95	2,030	500.0	666.0	<0.10		356	
		25-Jul-96	2,120	467.0	803.0	<0.10			
		11-Nov-96	2,200	438.0	717.0	0.1 U	259	259	2 U
		26-Mar-97	2,130	427.0	875.0	0.1 U	251	251	2 U

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Station ID	Base Screen Depth (Ft BGS)	Sample Date	TDS 500	Chloride 250.0	Sulfate 250.0	Nitrate/ Nitrite-N 10.0	Alkalinity (as $CaCO_3$)	Bicarbonate (as $CaCO_3$)	Carbonate (as $CaCO_3$)
18_MCAS07-7	919	19-Jan-89	1,480	239.0	534.0	0.4		255	
		2-Aug-90	2,780	584.0	787.0	141.7		273	
		16-Nov-90	2,430	562.0	745.0	70.8		239	
		25-Mar-91	2,600	387.0	755.0	12.8 U		276	
		26-Jul-91	2,380	615.0	847.0	0.4 U		243	
		22-Sep-92	2,410	585.0	810.0	0.4 <		189	
		29-Oct-93	2,320	483.0	749.0	0.1 U	256	256	
		28-Jun-95	2,140	366.0	617.0	6.1			
		8-Feb-96	1,480	384.0	630.0	0.1 U	272	232	2 U
		25-Jul-96	2,180	451.0	826.0	<0.10			
		11-Nov-96	2,250	438.0	759.0	0.1 U	265	265	2 U
		26-Mar-97	2,200	436.0	982.0	0.1 U	249	249	2 U
18_MCAS07-8	989	19-Jan-89	2,070	443.0	671.0	0.4 U		298	
		2-Aug-90	2,620	562.0	927.0	0.4 U		150	
		16-Nov-90	2,380	483.0	805.0	0.4 U		166	
		25-Mar-91	2,200	391.0	583.0	0.4 U		230	
		25-Jul-91	2,150	385.0	710.0	0.4 U		253	
		22-Sep-92	1,930	439.0	614.0	0.4 <		274	
		1-Nov-93	1,430	548.0	5.0	0.1 U	264	264	
		28-Jun-95	2,420	513.0	847.0	<0.10		245	
		8-Feb-96	2,320	506.0	858.0	0.1 U	210	256	2 U
		25-Jul-96	2,360	474.0	864.0	<0.10			
		11-Nov-96	2,340	471.0	812.0	0.1 U	220	220	2 U
		26-Mar-97	2,010	402.0	648.0	0.1 U	213	213	2 U
18_MCAS07-9	1109	18-Jan-89	2,034	434.0	632.0	0.4		291	
		2-Aug-90	864	148.0	231.0	24.8		183	
		16-Nov-90	2,690	582.0	749.0	82.0		303	
		25-Mar-91	2,700	582.0	721.0	11.1 U		345	
		25-Jul-91	2,460	612.0	671.0	0.4 U		367	
		22-Sep-92	1,930	504.0	20.0	0.4 <		591	
		2-Nov-93	1,490	519.0	24.4	0.1 U	311	311	
		28-Jun-95	2,290	466.0	792.0	<0.10			
		25-Jan-96	2,120	481.0	661.0	0.1	335	408	2 U
		25-Jul-96	2,040	448.0	696.0	<0.10		384	
		11-Nov-96	1,960	394.0	586.0	0.1	335	408	
		26-Mar-97	1,900	383.0	520.0	0.1 U	356	356	2 U
18_MCAS08	410	6-Feb-90	880	399.0	0.5 U	0.4		165	
		2-Dec-90	842	423.0	0.5 U	0.4		154	
		22-May-91	860	394.0	0.5 U	0.4		159	
		5-Nov-91	846	381.0	0.1 U	0.4		172	
		26-Mar-97	929	391.0	100.0 U	0.1 U	197	197	2 U
		14-Jul-97	939	442.0	50.0 U	10.0 U	205	205	2 U
18_MCAS09	445	27-Oct-89	454	51.0	120.0	2.2		136	
		12-Feb-90	536	51.0	123.0	4.4		153	
		13-Jul-90	564	56.0	129.0	4.9		164	
		18-Mar-91	560	59.0	135.0	0.4		178	
		7-Dec-91	544	65.0	129.0	6.2		173	
		6-May-92	576	60.0	133.0	7.1		168	
		5-Nov-93	584	61.3	130.0	1.4	216	216	
		5-Nov-93		62.0		1.4	219	219	
		29-Nov-94	572	47.6	116.0	0.8		312	
		14-Dec-95	578	57.1	129.0	0.8		260	
		16-Jan-96	590	60.0	120.0	0.7	212	259	2 U
		8-Jan-97	590	57.1	119.0	0.7		256	
		19-Nov-96	607	58.7	137.0	0.7	222	222	2 U
		26-Mar-97	548	53.7	123.0	0.5	215	215	2 U
		14-Jul-97	589	62.0	121.0	0.1 U	243	243	2 U