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Groundwater Monitoring Data Summary Report 1999 Monitoring Rounds 9, 10, and 11

for

Marine Corps Air Station El Toro, California

U.S. Navy Contract Number GS-10F-0227J
Delivery Order N68711-00-F-0102

Prepared for:

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Executive Summary

This Groundwater Monitoring Data Summary Report presents the results from sampling and water level monitoring activities conducted during January-August 1999 at the Marine Corps Air Station (MCAS) in El Toro, California. The groundwater monitoring activities addressed in this report comprise the ninth, tenth and eleventh groundwater monitoring events (Rounds 9, 10, and 11) conducted at MCAS El Toro since 1992. Groundwater monitoring activities for Rounds 9 (January-February 1999), 10 (April-May 1999), and 11 (July-August 1999) were performed for the U.S. Department of the Navy, Southwest Division Naval Facilities Engineering Command (SWDIV) under the Comprehensive Long-Term Environmental Action Navy (CLEAN) II Program, by CLEAN II contractors.

During Rounds 9, 10, and 11, groundwater samples were analyzed for volatile organic compounds (VOCs), radionuclide analytes (total gross alpha, total gross beta, total radium, radium 228, and total uranium), general chemistry water quality parameters (chloride, sulfate, sulfide, nitrate, alkalinity, bicarbonate, carbonate, fluoride, iron^{+2}, iron^{+3} and total organic carbon [TOC]), perchlorate, and methane gas in selected wells. Groundwater from a total of 23, 46, and 115 monitoring well/ports was sampled during Round 9, Round 10, and Round 11, respectively.

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Acronyms and Abbreviations

bgs	below ground surface
BNI	Bechtel National Inc.
°C	degrees Celsius
CDM	CDM Federal Programs Corporation
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CLEAN	Comprehensive Long-Term Environmental Action Navy
CLP	(U.S. EPA) Contract Laboratory Program
DCA	dichloroethane
DCE	dichloroethene
DHS	Department of Health Services
DO	dissolved oxygen
DQO	data quality objective
EC	electrical conductivity
GSA	General Services Administration
IRP	Installation Restoration Program
J	estimated value (data validation qualifier)
JEG	Jacobs Engineering Group Inc.
MCAS	Marine Corps Air Station
MCL	maximum contaminant level
MDA	minimum detectable activity
µg/L	micrograms per liter
µS/cm	microsiemens per centimeter
mg/L	milligrams per liter
mL	milliliter
mL/min	milliliters per minute
MSL	mean sea level
MTBE	methyl-tertiary butyl ether
mV	millivolt

Acronyms and Abbreviations (continued)

ND	not detected
NJ	estimated value, tentative identification of analyte based on presumptive evidence (data validation qualifier)
NTU	nephelometric turbidity units
OCWD	Orange County Water District
ORP	oxidation-reduction potential
OU	operable unit
PCE	tetrachloroethene
pCi/L	picoCuries per liter
PVC	polyvinyl chloride
QA	Quality Assurance
QC	Quality Control
RI	remedial investigation
SWDIV	Southwest Division Naval Facilities Engineering Command
TCA	trichloroethane
TCE	trichloroethene
TDS	total dissolved solids
TOC	top of casing
TOC	total organic carbon
UJ	nondetect, with estimated detection limit (data validation qualifier)
U.S. EPA	United States Environmental Protection Agency
VOC	volatile organic compound

Section 1
Introduction

The results of groundwater monitoring activities conducted during January-August 1999 at the Marine Corps Air Station (MCAS) in El Toro, California are presented in this Groundwater Monitoring Data Summary Report. This report presents sampling results for Round 9 (January-February, 1999), Round 10 (April-May, 1999), and Round 11 (July-August, 1999). The groundwater monitoring activities described in this report were performed for the U.S. Department of the Navy, Southwest Division Naval Facilities Engineering Command (SWDIV) under the Comprehensive Long-Term Environmental Action Navy (CLEAN) II Program. This report was prepared for SWDIV by CDM Federal Programs Corporation (CDM Federal) under General Services Administration (GSA) Contract No. GS-10F-0227J, Delivery Order No. N68711-00-F-0102. The information in this report was compiled from technical documents provided by other contractors under the CLEAN II Program.

1.1 Purpose and Overview

The groundwater sampling and analysis activities addressed in this report comprise the ninth, tenth, and eleventh groundwater monitoring events (Rounds 9, 10, and 11) conducted at MCAS El Toro since 1992. The monitoring activities were performed during January-August 1999 by CLEAN II contractors.

The objectives of this groundwater monitoring data summary report are to:

- Provide a brief background and summary of the site and previous groundwater monitoring efforts (Section 1).
- Describe and document groundwater sampling, laboratory analyses, and water level monitoring activities performed for monitoring Rounds 9, 10, and 11 (Section 2).
- Present the results of water level monitoring conducted during Rounds 9, 10, and 11 to document groundwater gradient and flow conditions (Section 3).
- Present the analytical results of Rounds 9, 10, and 11 groundwater sampling for volatile organic compounds (VOCs), radionuclides, general chemistry parameters (chloride, sulfate, sulfide, nitrate, alkalinity, bicarbonate, carbonate, fluoride, iron $^{+2}$, iron $^{+3}$ and total organic carbon), perchlorate, and methane gas (Section 4).

1.2 Site Description

MCAS El Toro is situated in a semiurban agricultural area in southern California, approximately 8 miles southeast of the city of Santa Ana and 12 miles northeast of the city of Laguna Beach (Figure 1-1). MCAS El Toro occupies 4,738 acres comprising runways, prior aircraft maintenance and training facilities, prior ground-support and construction equipment maintenance facilities, housing, shopping facilities, and other prior support facilities.

In March 1993, MCAS El Toro was placed on the Base Closure and Realignment Act list of proposed military facilities considered for base closure and was formally selected for closure in September of that year. During 1998 and early 1999, all of the aircraft squadrons were transferred to other Marine Corps and Naval Air Stations. All remaining military operations ceased when MCAS El Toro formally closed on July 2, 1999.

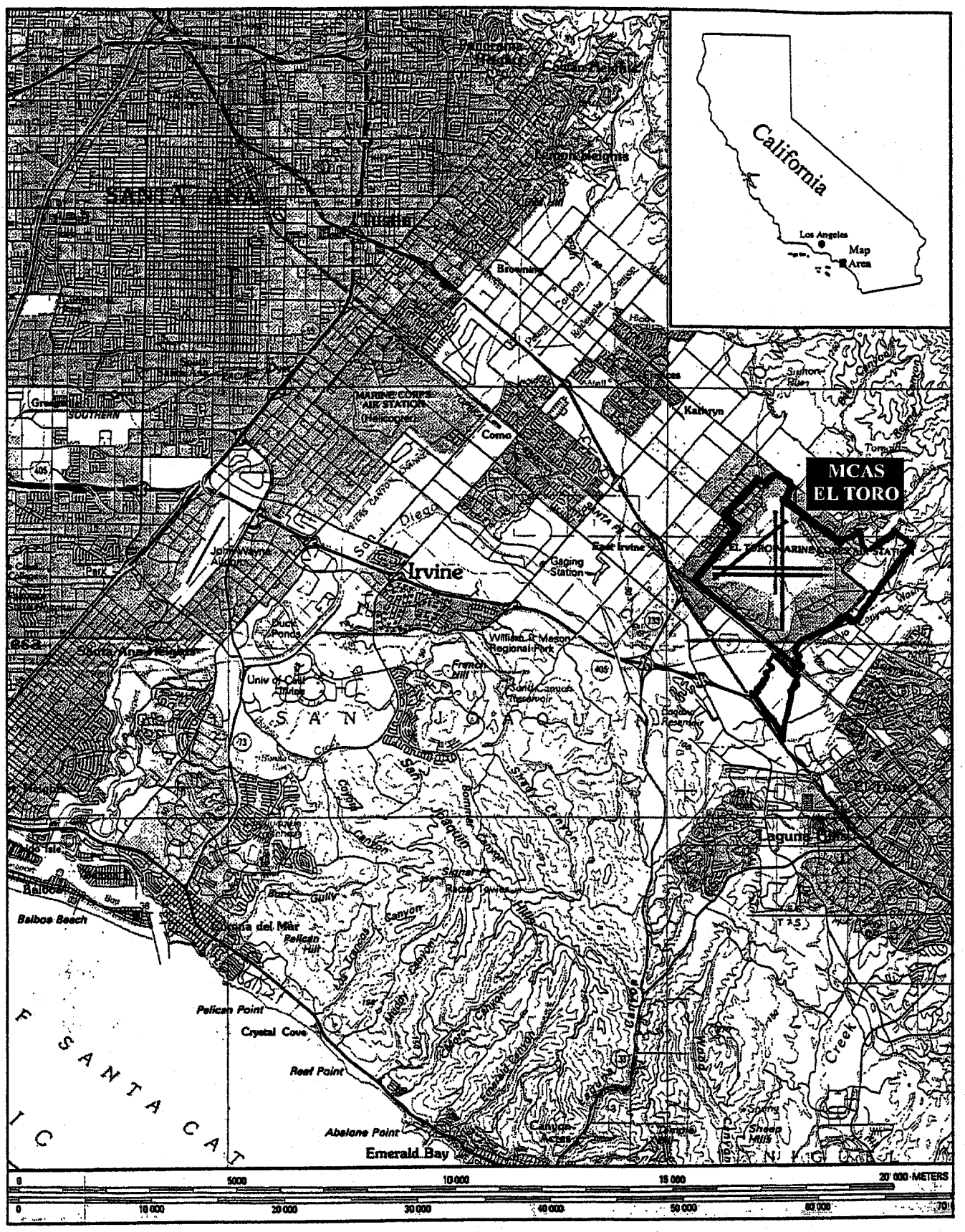
1.3 Background on Groundwater Monitoring Program

In 1992, the Navy initiated a comprehensive Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) investigation at MCAS El Toro to investigate, evaluate, and, if necessary, remediate contamination resulting from historical operations. A total of 22 IRP sites were included for investigation and grouped into three Operable Units (OU-1, OU-2, and OU-3).

Rounds 1 to 8 of groundwater sampling were performed as follows:

Round	Date	Report	Comments
1	1992-1993	JEG 1994	Phase I RI
2	1992-1993	JEG 1994	Phase I RI
3	Jan.-Feb. 1996	CDM Federal 1996	182 Wells/Ports
4	Nov.-Dec. 1996	CDM Federal 1997a	182 Wells/Ports
5	March 1997	CDM Federal 1997b	182 Wells/Ports
6	July 1997	CDM Federal 1997c	80 Wells/Ports
7	Oct. 1997	CDM Federal 1998	80 Wells/Ports
8	Oct. 1998	CDM Federal 2000	115 Wells/Ports

The sample analyses included some or all of the following analytes: VOCs, radionuclide activity, general water chemistry parameters, perchlorate, and methane gas.



Map Source: USGS 30' x 60' Santa Ana sheet, 1983

CDM FEDERAL PROGRAMS CORPORATION
a subsidiary of Camp Dresser & McKee

Location of Marine Corps Air Station, El Toro

MCAS El Toro Groundwater Monitoring Report

Figure 1-1

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Section 2
Summary of 1999 Monitoring Rounds 9, 10, and 11

This section summarizes the groundwater monitoring activities conducted during 1999 at MCAS El Toro, including groundwater sampling and water level monitoring conducted during Sampling Rounds 9 (January-February, 1999), 10 (April-May, 1999), and 11 (July-August, 1999). A summary list of wells including well type, well construction, sampling system, and water level measurements is included in Appendix A.

2.1 Water Level Measurements

Water level measurements for Round 9 were taken at 80 single and cluster wells and 45 Westbay well ports on January 18-20, 1999. Water level measurements for Round 10 were taken at 89 single and cluster wells and 45 Westbay well ports on April 19-23 and May 20-21, 1999. Water level measurements for Round 11 were taken at 93 single and cluster wells and 45 Westbay well ports on July 6-14, 1999.

2.2 Groundwater Sampling

Groundwater sampling for Monitoring Round 9 was conducted at MCAS El Toro between January 21 and February 4, 1999 and included collection of groundwater samples from 23 monitoring wells/ports. Sampling for monitoring Round 10 was conducted at MCAS El Toro between April 21 and May 21, 1999 and included collection of groundwater samples from 46 monitoring wells/ports. Groundwater sampling for Round 11 was conducted at MCAS El Toro between July 12 and August 6, 1999 and included collection of groundwater samples from 115 monitoring wells/ports. Figure 2-1 shows the location of the wells/ports sampled during Rounds 9, 10, and 11.

2.3 Sample Analysis

Table 2-1 presents a summary of the wells/ports sampled for Rounds 9, 10, and 11 and the laboratory analyses performed on the samples collected at each location. More complete information on the sampling and analyses performed for Rounds 9, 10, and 11 is included in Appendix A. In addition to groundwater samples submitted for analysis, water quality field parameters were also measured at each well/port sampled. Field parameters measured at each sample location included pH, temperature, electrical conductivity (EC), temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity.

VOCs

A total of 23 samples (Round 9), 26 samples (Round 10) and 106 samples (Round 11) were analyzed for VOCs using either the United States Environmental Protection Agency (U.S. EPA) Contract Laboratory Program (CLP) Method or U.S. EPA Method 8260B.

Radionuclides

A total of 20 on-site groundwater samples were analyzed during each monitoring round to determine gross alpha and gross beta particle activity using U.S. EPA Method 900, total radium and radium-226 using U.S. EPA Method 903.0, radium-228 using U.S. EPA Method 904.0, and total uranium using U.S. EPA Method 908.

General Chemistry

Other parameters were analyzed to assess general water quality including fluoride, nitrate, bicarbonate, carbonate, alkalinity, chloride, dissolved oxygen, $iron^{+2}$, $iron^{+3}$, pH, sulfate, sulfide, and total organic carbon (TOC). A total of 9 groundwater samples were analyzed for most parameters during Rounds 9 and 10, and a total of 11 samples were analyzed for these parameters during Round 11. For sulfate and sulfide, 23 samples were analyzed during each round.

Perchlorate

No perchlorate analysis of samples was conducted during Round 9. A total of 46 on- and off-site wells/ports were designated for perchlorate sampling during Rounds 10 and 11. The perchlorate analyses were performed using the California Department of Health Services (DHS) method (CLO4.Meth).

Methane

A total of 9 wells/ports located at Site 2 were designated for methane gas sampling during Round 11. Samples were analyzed using U.S. EPA Robert S. Kerr 175 (RSK 175) method for methane.

2.4 Quality Assurance/Quality Control

The data quality assessment program included field quality control (QC) samples, laboratory QC samples, data review/verification, and data validation. A detailed description of the Quality Assurance (QA)/QC program and procedures performed for Rounds 9, 10, and 11 is included in Appendix D.

Table 2-1
Summary of Groundwater Sampling and Analyses, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Well ID	Sampling Method	Round 9 Sampling (January-February 1999)					Round 10 Sampling (April-May 1999)					Round 11 Sampling (July-August 1999)					
		VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters (a)	Sulfate and Sulfide	Perchlorate	Methane
01_DGMW57	TP										1	1				1	
01_DGMW58	TP										1	1				1	
01MW101	bailer										1	1				1	
01MW102	TP										1	1				1	
01MW201	TP										1	1				1	
02_DGMW59	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02_DGMW60	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02_DGMW61	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02_UGMW25	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02NEW11	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02NEW15	BP	1	1	1	1		2	1	1	1	1	1	1	1	1	1	1
02NEW16	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02NEW2	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
02NEW8A	BP	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1
03_DGMW64	BP	1	1		1		1	1		1	1	1	1		1	1	
03_DGMW65X	BP	1	1		1		1	1		1	1	1	1		1	1	
03_UGMW26	BP	1	1		1		1	1		1	1	1	1		1	1	
04_DBMW40	BP	1	1		1		1	1		1	1	1	1		1	1	
04_DGMW66	BP	1	1		1		1	1		1	1	1	1		1	1	
04_UGMW63	BP	1	1		1		1	1		1	1	1	1		1	1	
05_DBMW41	BP	1	1		1		1	1		1	1	1	1		1	1	
05_DGMW67	BP	1	1		1		1	1		1	1	1	1		1	1	
05_DGMW68	BP	1	1		1		1	1		1	1	1	1		1	1	
05_UGMW27	BP	1	1		1		1	1		1	1	1	1		1	1	
05NEW1	BP	1	1		1		1	1		1	1	1	1		1	1	
07_DBMW100	BP										1	1				1	
07_DBMW43	BP											1					
08_DGMW74	BP											1					
08_UGMW29	BP											1					
09_DBMW45	BP											1					
09_DGMW75	BP										1	1				1	

Table 2-1 (continued)
Summary of Groundwater Sampling and Analyses, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Well ID	Sampling Method	Round 9 Sampling (January-February 1999)					Round 10 Sampling (April-May 1999)					Round 11 Sampling (July-August 1999)					
		VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters [a]	Sulfate and Sulfide	Perchlorate	Methane
12_UGMW31	TP										1					1	
13_DGMW78	BP											1					
15_DBMW51	BP											1					
16_DBMW52	TP										1					1	
17_DGMW82	BP	1			1		1			1	1	1			1	1	
17NEW1	BP	1			1		1			1	1	1			1	1	
17NEW2	BP	1			1		1			1	1	1			1	1	
18_BGMP06B	WS											1					
18_BGMP06C	WS											1					
18_BGMP06D	WS										1	1				1	
18_BGMP06E	WS											1					
18_BGMP10C	WS											1					
18_BGMP10D	WS											1					
18_BGMP10E	WS											1					
18_BGMP10F	WS											1					
18_BGMW03C	BP											1					
18_BGMW03E	BP											1					
18_BGMW04A	BP											1					
18_BGMW04B	BP											1					
18_BGMW05A	TP											1					
18_BGMW05C	BP											1					
18_BGMW05D	BP											1					
18_BGMW101	BP										1	1				1	
18_BGMW14	BP											1					
18_BGMW16	BP													1			
18_BGMW18	BP													1			
18_BGMW19D	BP											1					
18_DW135	BP										1	1				1	
18_DW250	BP											1					
18_DW350	BP											1					
18_DW450	BP											1					

2-4

Table 2-1 (continued)
Summary of Groundwater Sampling and Analyses, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Well ID	Sampling Method	Round 9 Sampling (January-February 1999)					Round 10 Sampling (April-May 1999)					Round 11 Sampling (July-August 1999)					
		VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters (a)	Sulfate and Sulfide	Perchlorate	Methane
18_DW540	BP											1					
18_IDP1	TP										1					1	
18_MCAS01-2	WS											1					
18_MCAS01-3	WS											1					
18_MCAS01-4	WS											1					
18_MCAS01-5	WS										1	1				1	
18_MCAS01-6	WS											1					
18_MCAS01-7	WS											1					
18_MCAS02-1	WS											1					
18_MCAS02-2	WS											1					
18_MCAS02-3	WS											1					
18_MCAS02-4	WS										1	1				1	
18_MCAS02-5	WS											1					
18_MCAS02-6	WS											1					
18_MCAS03-1	WS											1					
18_MCAS03-2	WS										1					1	
18_MCAS03-3	WS											1					
18_MCAS04	TP											1					
18_MCAS06	TP											1					
18_MCAS08	TP											1					
18_MCAS09	TP											1					
18_MCAS10	TP											1					
18_MCAS07-2	WS											1					
18_MCAS07-3	WS											1					
18_MCAS07-4	WS											1					
18_MCAS07-5	WS											1					
18_MCAS07-6	WS											1					
18_MCAS07-7	WS											1					
18_PS1	BP											1					
18_PS2	BP											1					
18_PS6	BP										1					1	

Table 2-1 (continued)
Summary of Groundwater Sampling and Analyses, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Well ID	Sampling Method	Round 9 Sampling (January-February 1999)					Round 10 Sampling (April-May 1999)					Round 11 Sampling (July-August 1999)					
		VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters	Sulfate and Sulfide	Perchlorate	VOCs	Radio-nuclides	General Chemistry Parameters (a)	Sulfate and Sulfide	Perchlorate	Methane
18_PS7	BP											1					
19_DGMW86	TP										1					1	
21_DGMW90	BP										1	1				1	
22_DBMW47	BP											1					
24EX2	TP										1					1	
24EX3	TP						1				1	1				1	
24EX3OB1	BP											1					
24EX3OB2	BP											1					
24EX3OB3	BP											1					
24EX4OB2	BP											1					
24EX5OB1	BP											1					
24EX5OB2	BP											1					
24EX6	BP						1				1	1				1	
24EX6OB1	BP											1					
24EX6OB2	BP											1					
24EX6OB3	BP											1					
24NEW1	BP											1					
24NEW4	BP										1	1				1	
24NEW5	BP											1					
24NEW6	BP											1					
24NEW7	BP											1					
24NEW8	BP											1					
Total Wells/Ports Sampled		**23**	**20**	**9**	**23**	**0**	**26**	**20**	**9**	**23**	**46**	**106**	**20**	**11**	**23**	**46**	**9**

Notes:

See Appendix A for Groundwater Sample Analyses
Volatile Organic Compounds (VOCs): U.S. EPA Method 8260B and EPA CLP Low Concentration Method
General Chemistry Parameters: Chloride, Sulfate, Sulfide, Nitrate, Alkalinity, Bicarbonate, Carbonate, Fluoride, Iron II, Iron III and Total Organic Carbon.
Radionuclides: Gross alpha, gross beta, total radium, radium 228, total uranium

(a) These samples were additionally analyzed for dissolved methane gas (Round 11 only).

BP = Bladder pump TP = Temporary pump WS = Westbay Sampling System

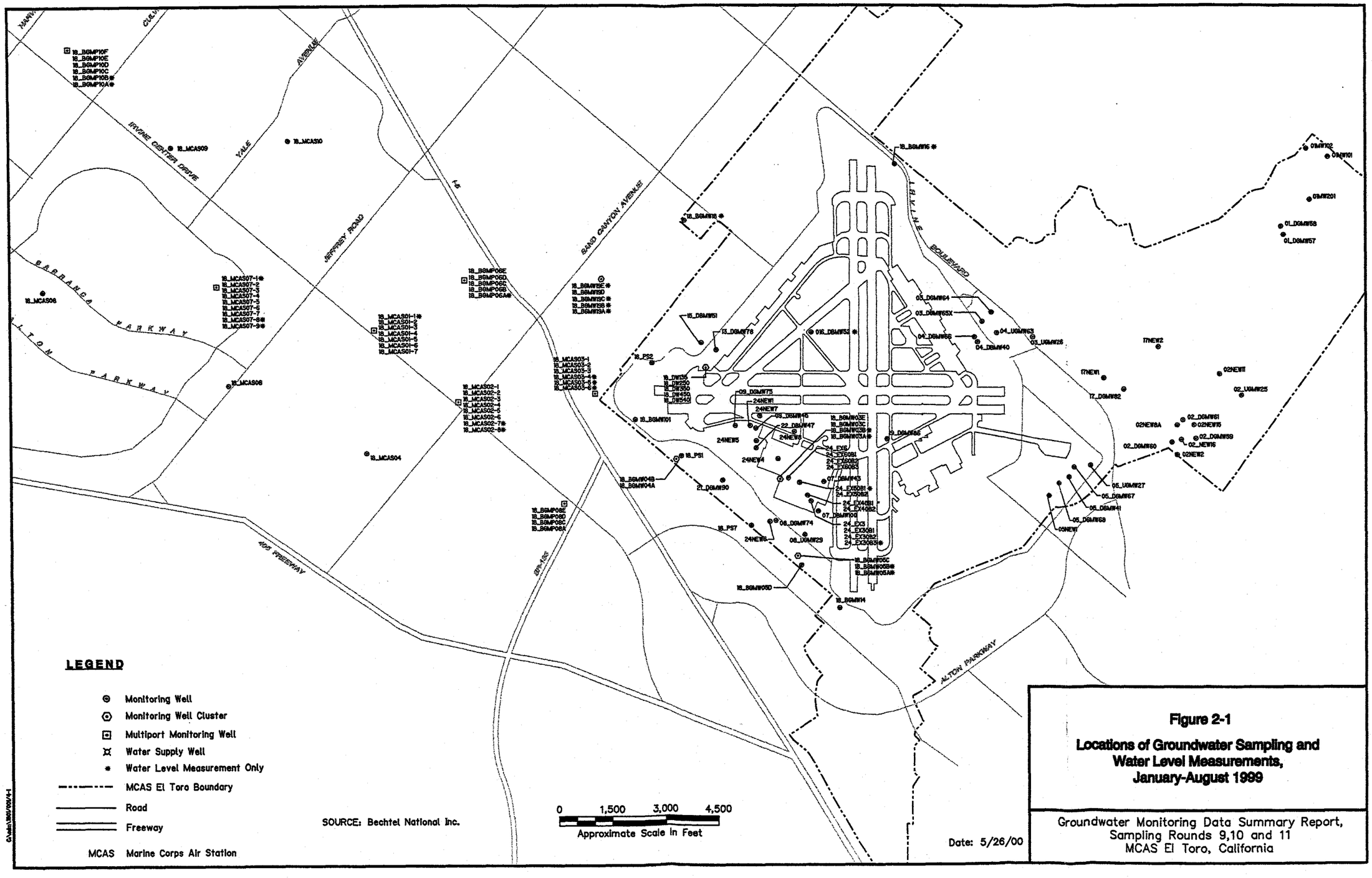

Figure 2-1

Locations of Groundwater Sampling and Water Level Measurements, January-August 1999

Groundwater Monitoring Data Summary Report, Sampling Rounds 9,10 and 11
MCAS El Toro, California

Section 3
Water Level Data and Groundwater Gradients

Water level measurements were collected during monitoring Rounds 9, 10, and 11 from 125, 134, and 138 monitoring wells/ports, respectively, to obtain groundwater potentiometric elevation data. This section summarizes the groundwater elevation activities.

The water level data from Monitoring Round 9 (January-February, 1999) include measurements taken at 80 shallow groundwater unit monitoring locations and 45 principal aquifer monitoring locations. During Round 10 (April-May, 1999), water level data measurements were taken at 89 shallow groundwater unit monitoring locations and 45 principal aquifer monitoring locations. The water level data from Round 11 (July-August, 1999) include measurements taken at 91 shallow groundwater monitoring locations and 47 principal aquifer monitoring locations.

The water level measurements and groundwater elevation/potentiometric data were obtained from both conventional, single monitoring wells, and Westbay multiport monitoring wells. The Rounds 9, 10, and 11 water level data and historical field measurements/potentiometric data for all single wells and multiport monitoring wells are presented in Appendix B Tables B-1 and B-2.

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Section 4
Results of Groundwater Analyses

During Monitoring Rounds 9 (January-February, 1999), 10 (April-May, 1999), and 11 (July-August, 1999), groundwater samples were collected from 23, 46, and 115 monitoring wells/ports at MCAS El Toro, respectively. Each sample was analyzed for one or more analytical category as indicated in Table 2-1. This section presents the results of analyses from January-August 1999.

4.1 VOCs

During Rounds 9, 10, and 11, groundwater samples from 23, 26, and 106 monitoring wells/ports, respectively, were analyzed for target compound list VOCs using methods described in Section 2.3.

The primary VOC contaminants found in groundwater at MCAS El Toro are trichloroethene (TCE), tetrachloroethene (PCE), their potential transformation products (1,2-dichloroethene [DCE], 1,1-DCE, and chloroform), carbon tetrachloride, 1,2-dichloroethane (DCA), and benzene. The results of VOC groundwater analyses for Rounds 9, 10, and 11 are presented in Table 4-1. Tabular listings of the VOC sampling results from 1992-1999 are included in Appendix C.

The most frequently and widely distributed VOC found in groundwater samples is TCE. Figure 4-1 is a summary display that shows the July-August 1999 TCE groundwater results for all monitoring wells/ports (shallow groundwater unit and principal aquifer) sampled during Round 11. A complete display of TCE groundwater results for Rounds 9 and 10 was not prepared due to the limited number of samples analyzed for VOCs during these two rounds.

4.2 Radionuclides

Groundwater samples were collected and analyzed for gross alpha and gross beta particle activity and for selected radionuclide parameters (total uranium, total radium, radium-226, and radium-228) at 20 wells/ports during monitoring Rounds 9, 10, and 11. Table 4-2 presents the radionuclide sampling results from previous sampling rounds and from Rounds 9, 10, and 11, including adjustments to the initial results to account for man-made sources of radiation.

4.3 General Chemistry Parameters

The site-specific water quality laboratory analyses conducted during Rounds 9, 10, and 11 included sulfate, sulfide, and other general chemistry parameters.

4.3.1 Sulfate and Sulfide

Samples collected at 23 monitoring wells during Rounds 9, 10, and 11 were analyzed for sulfate and sulfide. Table 4-3 presents a summary of the sulfate and sulfide concentrations reported for groundwater samples collected during Rounds 9, 10, and 11 in 1999.

4.3.2 Other General Chemistry Parameters

Groundwater samples collected at 9 sampling locations during Rounds 9 and 10 and collected at 11 sampling locations during Round 11 were analyzed for other general chemistry parameters (chloride, sulfate, sulfide, nitrate, alkalinity, bicarbonate, carbonate, fluoride, iron^{+2}, iron $^{+3}$, and TOC). These results are summarized in Table 4-4.

4.4 Perchlorate

Groundwater samples collected at 46 on- and off-site locations during Rounds 10 and 11 were analyzed for perchlorate. The results of perchlorate analysis are presented in Table 4-5.

4.5 Methane Gas

Samples from a total of nine wells/ports located at Site 2 were analyzed for dissolved methane gas during Round 11. Dissolved methane gas was identified in two wells above the detection limits. These were well 02NEW15 (3.5 μg/L) and well 02NEW2 (2.2 μg/L).

4.6 Water Quality Field Parameters

Field parameter data collected in association with Rounds 9, 10, and 11 include measurements of temperature, pH, specific conductivity, DO, ORP, and turbidity. At monitoring wells equipped with dedicated bladder pumps and at the wells sampled using a temporary electric submersible pump, the field parameters (except turbidity), were measured using a flow-through cell (QED Model FC4000). Temperature, pH, specific conductivity, and DO were measured at the Westbay multiport wells using a portable hand-held meter. Hand-held instruments were also used on occasion at other wells when a malfunction of the flow-through cell occurred. Turbidity was always measured using a portable turbidimeter.

Table 4-6 is a compilation of the field parameter measurements recorded prior to collecting groundwater samples at each well/port sampled during each sampling round.

Table 4-1
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
Site 2	01_DGMW58	Methyl Disulfide	NA	NA	11 NJ	none
	02_DGMW60	1,1,2-Trichloroethane	**5.9**	**5**	**5.9**	5
		1,2-Dichloroethane	**1.8**	**1.5**	**2.1**	0.5 (C)
		1,2 Dichloropropane	ND	0.2 J	ND	5
		Chloroform	18	16	18	none
		cis-1,2-Dichloroethene	**14**	**13**	**14**	6 (C)
		Tetrachloroethene	4.6	4.4	4.7	5
		trans-1,2-Dichloroethene	2.1	2	2.2	6 (C)
		Trichloroethene	**130**	**130**	**140**	5
	02_DGMW61	Tetrachloroethene	**6.2**	**6**	**6**	5
		Trichloroethene	0.5J	0.5 J	ND	5
	(field dup.) [c]	Tetrachloroethene	6.2	NA	NA	5
	02NEW8A	Dichlorodifluoromethane	ND	0.4 J	1.1	none
		Tetrachloroethene	**13**	**9.3**	**14**	5
	(field dup.)	Dichlorodifluoromethane	NA	NA	1.1	none
	(field dup.)	Tetrachloroethene	NA	NA	**14**	5
	02NEW15	1,2-Dichlorobenzene	ND	3.5NJ	ND	600
		Chlorobenzene	ND	0.6J	ND	none
		cis-1,2-Dichloroethene	ND	0.4J	ND	6 (C)
		Dichlorodifluoromethane	ND	0.5J	ND	none
	02NEW16	Tetrachloroethene	ND	0.3 J	ND	5
Site 3	03_DGMW64	Chloroform	0.8 J	0.9 J	1.3	none
	(field dup.)	Chloroform	0.9J	NA	NA	none

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
	03_DGMW65X	Chloroform	0.9 J	0.7J	0.9 J	none
	(field dup.)	Chloroform	NA	NA	0.9 J	none
	03_UGMW26	Acetone	0.8 J	ND	ND	none
		Tetrachloroethene	1.3	1.4	1.4	5
		Trichloroethene	1.0J	1.1	1.2	5
	04_DGMW66	Chloroform	ND	0.4 J	0.5 J	none
		Silane, Fluorotrimethyl-	ND	1.1 NJ	ND	none
	04_UGMW63	Benzene	ND	ND	0.9 J	1
		Butane	ND	1.5 NJ	ND	none
		Unknown C8H18	ND	ND	5.3 J	none
		Unknown Substituted Alkane	ND	ND	2.1 J	none
		Unknown Substituted Alkane	ND	ND	2.5 J	none
		Unknown Substituted Alkane	ND	ND	3.4 J	none
Site 5	05_DBMW41	Dichlorodifluoromethane	ND	0.3 J	0.6 J	none
		Tetrachloroethene	ND	0.2 J	ND	5
	05_DGM67	Dichlorodifluoromethane	ND	0.3 J	0.8 J	none
		Tetrachloroethene	ND	0.4 J	ND	5
	05_DGMW68	Silane, Fluorotrimethyl-	ND	1.5NJ	ND	none
	05_UGMW27	Dichlorodifluoromethane	0.9 J	0.8 J	2	none
		Tetrachloroethene	ND	0.3 J	ND	5
Site 18	18_BGMP10C	Carbon Disulfide	NA	NA	1.4	none
		Styrene	NA	NA	1.4	none
	18_BGMP10D	Acetone	NA	NA	1.2 J	none

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
		Carbon Disulfide	NA	NA	0.98 J	none
		Styrene	NA	NA	0.6 J	none
	18_BGMP10E	Styrene	NA	NA	0.73 J	none
	18_BGMP10F	Acetone	NA	NA	2.3 J	none
	18_BGMW19D	Acetone	NA	NA	6.8 J	none
	18MCAS01-2	Acetone	NA	NA	4.6 J	none
	18MCAS01-3	Trichloroethene	NA	NA	1.9	5
	18MCAS01-4	Trichloroethene	NA	NA	**5**	5
	(field dup.)	Trichloroethene	NA	NA	**6.6**	5
	18MCAS01-5	Trichloroethene	NA	NA	**14**	5
	18MCAS01-6	cis-1,2-Dichloroethene	NA	NA	3.8	6 (C)
		Trichloroethene	NA	NA	**17**	5
	18MCAS02-3	Trichloroethene	NA	NA	2	5
	18MCAS02-4	Trichloroethene	NA	NA	**12**	5
	18MCAS02-5	Trichloroethene	NA	NA	**13**	5
	18_MCAS04	Trichloroethene	NA	NA	1.5	5
	18_MCAS06	Trichloroethene	NA	NA	0.66 J	5
	18MCAS07-2	Trichloroethene	NA	NA	0.63 J	5
	18MCAS07-3	Acetone	NA	NA	5.4 J	none
		Trichloroethene	NA	NA	**30**	5
	18MCAS07-4	cis-1,2-Dichloroethene	NA	NA	**8.6**	6 (C)
		Trichloroethene	NA	NA	**32**	5
	18MCAS07-5	Acetone	NA	NA	4.2 J	none

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
	18_MCAS09	Trichloroethene	NA	NA	1.8	5
Site 24	07_DBMW43	Acetone	NA	NA	1.4 J	none
		Carbon Disulfide	NA	NA	1.1 J	none
	(field dup.)	Carbon Disulfide	NA	NA	1.2 J	none
	07_DBMW100	Carbon Disulfide	NA	NA	0.64 J	none
	08_DGMW74	Acetone	NA	NA	2.5 J	none
		Carbon Tetrachloride	NA	NA	**0.97 J**	0.5 (C)
		Chloroform	NA	NA	4.5	none
		cis-1,2-Dichloroethene	NA	NA	1.6	6 (C)
		Tetrachloroethene	NA	NA	0.61J	5
		Trichloroethene	NA	NA	**83**	5
	08_UGMW29	Carbon disulfide	NA	NA	**0.7 J**	none
		Chloroform	NA	NA	0.67 J	none
		Trichloroethene	NA	NA	**18**	5
	09_DBMW45	1,1-Dichloroethane	NA	NA	0.67 J	5 (C)
		1,1-Dichloroethene	NA	NA	**31 J**	6 (C)
		Carbon Tetrachloride	NA	NA	**1.8 J**	0.5 (C)
		Chloroform	NA	NA	0.9 J	none
		Tetrachloroethene	NA	NA	1.8	5
		Trichloroethene	NA	NA	**870**	5
	09_DGMW75	1,1-Dichloroethene	NA	NA	4	6 (C)
		Acetone	NA	NA	16 J	none
		Carbon Tetrachloride	NA	NA	**3.2**	0.5 (C)

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
		Chloroform	NA	NA	3.4	none
		cis-1,2-dichloroethene	NA	NA	0.51 J	6 (C)
		Tetrachloroethene	NA	NA	**7.1**	5
		Trichloroethene	NA	NA	**840**	5
	13_DGMW78	Carbon Disulfide	NA	NA	0.71 J	none
		Unknown C8H18	NA	NA	15 J	none
		Unknown C8H18	NA	NA	3.3 J	none
		Unknown C9H20	NA	NA	2.3 J	none
		Unknown Substituted Alkane	NA	NA	2.6 J	none
	15_DBMW51	Carbon Disulfide	NA	NA	0.63 J	none
		Unknown C8H18	NA	NA	6.4 J	none
		Unknown C8H18	NA	NA	5.5 J	none
		Unknown Substituted Alkane	NA	NA	2.8 J	none
	18_BGMW03C	Trichloroethene	NA	NA	0.77 J	5
	18_BGMW03E	Carbon Disulfide	NA	NA	0.96 J	none
		Trichloroethene	NA	NA	**130**	5
	(field dup.)	Carbon disulfide	NA	NA	0.85 J	none
	(field dup.)	Trichloroethene	NA	NA	**110**	5
	18_BGMW04B	cis-1,2-Dichloroethene	NA	NA	0.53 J	6 (C)
		Tetrachloroethene	NA	NA	3.4	5
	18_BGMW05D	Carbon Disulfide	NA	NA	0.56 J	none
		Tetrachloroethene	NA	NA	**8.4**	5
		Trichloroethene	NA	NA	4.8	5

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
	18_BGMW101	cis-1,2-Dichloroethene	NA	NA	0.76 J	6 (C)
		Trichloroethene	NA	NA	**21**	5
	18_DW135	1,1-Dichloroethene	NA	NA	0.83 J	6 (C)
		Carbon Tetrachloride	NA	NA	**21**	0.5 (C)
		Chloroform	NA	NA	1.2	none
		Trichloroethene	NA	NA	**44**	5
	(field dup.)	1,1-Dichloroethene	NA	NA	0.74 J	6 (C)
	(field dup.)	Carbon Tetrachloride	NA	NA	**20**	0.5 (C)
	(field dup.)	Chloroform	NA	NA	1.2	none
	(field dup.)	Trichloroethene	NA	NA	**42**	5
	18_DW250	Carbon Tetrachloride	NA	NA	**12**	0.5 (C)
	18_DW450	Tetrachloroethene	NA	NA	1	5
		Trichloroethene	NA	NA	2	5
	18_DW540	Trichloroethene	NA	NA	1.9	5
	18_PS1	Trichloroethene	NA	NA	0.89 J	5
	18_PS2	Chloroform	NA	NA	4.6	none
		cis-1,2-Dichlorothene	NA	NA	1.3	6
		Trichloroethene	NA	NA	**20**	5
	18_PS7	Tetrachloroethene	NA	NA	1.8	5
		Trichloroethene	NA	NA	**10**	5
	18MCAS03-1	cis-1,2-Dichloroethene	NA	NA	0.89 J	6 (C)
		Trichloroethene	NA	NA	**19**	5
	18MCAS03-2	cis-1,2-Dichloroethene	NA	NA	**8.5**	6 (C)

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
		Tetrachloroethene	NA	NA	0.78J	5
		Trichloroethene	NA	NA	**140**	5
	(field dup.)	cis-1,2-Dichloroethene	NA	NA	9.2	6 (C)
	(field dup.)	Tetrachloroethene	NA	NA	0.94J	5
	(field dup.)	Trichloroethene	NA	NA	**140**	5
	21_DGMW90	Trichloroethene	NA	NA	**7.6**	5
	22_DBMW47	1,1-Dichloroethene	NA	NA	1.6	6 (C)
		Carbon Tetrachloride	NA	NA	**1.8**	0.5 (C)
		Chloroform	NA	NA	0.95	none
		Tetrachloroethene	NA	NA	1.5	5
		Trichloroethene	NA	NA	**450**	5
	24EX3	Trichloroethene	NA	**11**	**9.9**	5
	(field dup.)	Trichloroethene	NA	**11**	NA	5
	24EX3OB1	Carbon Tetrachloride	NA	NA	**0.65 J**	0.5 (C)
		Chloroform	NA	NA	0.55 J	none
		Trichloroethene	NA	NA	**320**	5
	24EX3OB2	Carbon Tetrachloride	NA	NA	**1.8**	0.5 (C)
		Trichloroethene	NA	NA	**130**	5
	24EX4OB2	Carbon Tetrachloride	NA	NA	**2.3**	0.5 (C)
		Chloroform	NA	NA	0.64J	none
		Trichloroethene	NA	NA	**290**	0.5 (C)
	24EX5OB1	1,1-Dichloroethene	NA	NA	0.89 J	6 (C)
		Carbon Tetrachloride	NA	NA	**1.4**	0.5 (C)

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
		Chloroform	NA	NA	1	none
		Tetrachloroethene	NA	NA	1.3	5
		Trichloroethene	NA	NA	**360**	5
	24EX5OB2	1,1 Dichloroethene	NA	NA	1.3	6 (C)
		Carbon Tetrachloride	NA	NA	**1.8**	0.5 (C)
		Chloroform	NA	NA	1.4	none
		Tetrachloroethene	NA	NA	1.9	5.0
		Trichloroethene	NA	NA	**400**	5.0
	24EX6	Carbon Tetrachloride	NA	2.6	2.9	6 (C)
		Chloroform	NA	1.2	1.3	none
		Tetrachloroethene	NA	**5.9**	1.9	5
		Trichloroethene	NA	**1000**	**400**	5
	24EX6OB1	Carbon Tetrachloride	NA	NA	**0.65J**	0.5 (C)
		Chloroform	NA	NA	0.54J	none
		Trichloroethene	NA	NA	**710**	5
	24EX6OB2	Carbon Tetrachloride	NA	NA	**0.79 J**	0.5 (C)
		Tetrachloroethene	NA	NA	1.5	5
		Trichloroethene	NA	NA	**670**	5
	24EX6OB3	Chloromethane	NA	NA	5.5	none
	24NEW1	Trichloroethene	NA	NA	**87**	5
	(field dup.)	Trichloroethene	NA	NA	**87**	5
	24NEW4	1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	3.7	1200
		Trichloroethene	NA	NA	**82**	5

Table 4-1 (continued)
Summary of Detected VOCs in Groundwater, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID[a]	Analyte Name	Round 9 Jan.-Feb. 1999 Concentration (µg/L)	Round 10 Apr.-May 1999 Concentration (µg/L)	Round 11 July-Aug. 1999 Concentration (µg/L)	MCL[b] (µg/L)
	24NEW6	Chloroform	NA	NA	1.1	none
		cis-1,2-Dichloroethene	NA	NA	3.1	6 (C)
		Tetrachloroethene	NA	NA	**6.6**	5
		Trichloroethene	NA	NA	**31**	5
	24NEW7	Carbon Tetrachloride	NA	NA	**1.5**	0.5 (C)
		Trichloroethene	NA	NA	5.2	5
	24NEW8	Carbon Disulfide	NA	NA	1.5	none
		Carbon Tetrachloride	NA	NA	**0.52**	0.5 (C)

Notes:

[a] For samples analyzed for VOCs (Table 2-1) but not listed in this table, there were no detects.

[b] "None" signifies that no federal or California MCL has been established for this analyte. Numeric values followed by "(C)" indicate that the listed value is a California MCL and either the California MCL is lower than the federal MCL or there is no corresponding federal MCL. Numeric values listed without qualification indicate that the federal and California MCLs are the same.

[c] "Field dup." signifies that these analytical results are reported for a field duplicate sample collected at this location.

Bold = equals or exceeds MCL

MCAS = Marine Corps Air Station
C = California MCL
MCL = maximum contaminant level
µg/L = micrograms per liter
J = estimated value
NJ = estimated value, tentative identification of this analyte was based on presumptive evidence

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Table 4-2
Results of Radionuclide Analyses at Landfill Sites, 1992-1999
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
02_DGMW59	15-Dec-92	16.3	-	-	14.1	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	23-Jun-93	21.6	-	-	15.8	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	16-Aug-95	4.8	-	-	7.90J	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-Nov-95	11.7	-	-	7.5	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	9.01	-	-	-0.97	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	10.16	-	-	0.26	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4-Nov-96	12.51	-	-	2.93	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Mar-97	5.7	-	-	2.06	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3-Jul-97	16.98	-	-	8.36	-	-	<1.3	-	-	<0.96	-	-	NA	NA	NA
	27-Oct-97	11.47	-	-	5.34	-	-	<1.1	-	-	<01.1	-	-	NA	NA	NA
	7-Oct-98	13J	3.1	4	4.5J	2	3.2	0.32U	0.25	0.34	0.54UJ	0.88	1.4	11.5	1.1	0.12
	27-Jan-99	14.6J	0.2	3.8	9	0.7	4.2	0.21	0.12	0.1	0.15UJ	0.59	0.98	11.2	-	0.035
	3-May-99	21.1J	0.8	3.8	6.9J	0.2	3.5	0.61	0.38	0.39	0.04U	0.41	0.7	15.7	0.5	0.063
	21-Jul-99	26.2J	0.6	4.4	8.3J	0.7	4.1	0.35J	0.16	0.14	1.65	0.61	0.89	19.8	0.9	0.068
02_DGMW60	18-Nov-92	20.9	-	-	10.8	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	23-Jun-93	24	-	-	30.2	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	15-Aug-95	20.6	-	-	13.00J	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	28-Nov-95	26	-	-	14.8	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	22.93	-	-	-1.69	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	16.71	-	-	0.33	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4-Nov-96	32.16	-	-	13.58	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Mar-97	36.16	-	-	17.65	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-Jul-97	36.82	-	-	19.05	-	-	1.67	-	-	<0.92	-	-	NA	NA	NA

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	28-Oct-97	30.41	-	-	14.69	-	-	<0.73	-	-	<1.2	-	-	NA	NA	NA
	28-Oct-97	31.27	-	-	5.43	-	-	<1.0	-	-	<1.1	-	-	NA	NA	NA
	12-Oct-98	42.6J	5.8	4.4	29.1J	3.8	3.4	0.05U	0.21	0.34	0.28UJ	0.87	1.5	44.9	3.8	0.14
	25-Jan-99	46.8J	0.8	2.7	29.5	0.6	2.9	0.07U	0.08	0.1	0.18UJ	0.05	0.83	45.1	0.8	0.064
	3-May-99	60.5J	0.2	2.6	30.5J	0.6	2.6	0.24U	0.25	0.31	0.42U	0.48	0.79	46.8	0.9	0.08
	22-Jul-99	53.5J	0.7	3.6	27.1J	0.5	3.1	0.17J	0.12	0.14	0.18U	0.51	0.85	49.7	0.2	0.05
02_DGMW61	14-Dec-92	6.5	-	-	8.9	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	22-Jan-93	9.2	-	-	10.5	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	16-Aug-95	10.20J	-	-	6.30J	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	29-Nov-95	14.3	-	-	9.4	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	23.91	-	-	6.35	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4-Nov-96	18.24	-	-	5.41	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Mar-97	17.91	-	-	9.35	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Jul-97	18.46	-	-	6.76	-	-	1.8	-	-	<0.97	-	-	NA	NA	NA
	28-Oct-97	19.06	-	-	5.43	-	-	1.01	-	-	<1.1	-	-	NA	NA	NA
	8-Oct-98	27.3J	3.9	3.3	13.9J	2.2	2.6	0.18U	0.24	0.36	-0.03UJ	0.47	0.79	26.3	2.3	0.14
	25-Jan-99	24.3J	0.3	2	15.5J	0.3	2.5	0.14	0.11	0.1	0.3UJ	0.49	0.8	24.4	0.1	0.03
	27-Apr-99	32.1J	-	1.8	15.2J	-	1.9	0.66	0.37	0.33	0.64	0.41	0.64	25.8	0.3	0.052
	19-Jul-99	26.7J	-	3.4	14.4J	0.2	2.5	0.06UJ	0.09	0.12	0.75U	0.05	0.78	24.8	0.2	0.071
02_UGMW25	9-Dec-92	7.8	-	-	5.2	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	22-Jan-93	0.7	-	-	3.7	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	17-Aug-95	19.40J	-	-	2.00UJ	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	17-Aug-95	5.00UJ	-	-	2.20UJ	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	28-Nov-95	11.9	-	-	4.50U	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	12.94	-	-	1.35	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Nov-96	10.35	-	-	-0.68	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Mar-97	5.1	-	-	4.22	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Jul-97	17.3	-	-	5.57	-	-	1.5	-	-	<0.83	-	-	NA	NA	NA
	27-Oct-97	11.02	-	-	5.44	-	-	<1.1	-	-	<1.0	-	-	NA	NA	NA
	7-Oct-98	21.5J	4.3	5.1	11.4J	3.1	4.6	0.38	0.26	0.34	0.62UJ	0.71	1.2	18.1	1.6	0.2
	1-Feb-99	22.3J	0.2	4.7	12	0.1	4.5	0.32	0.15	0.1	0.47UJ	0.04	0.65	19.4J	0.7	0.38
	29-Apr-99	17.1J	0.1	5	4.4J	0.6	4.2	0.38	0.31	0.34	0.78	0.44	0.69	11.9	0.1	0.057
	15-Jul-99	12.4J	0.1	3.7	6.1J	0.3	3.6	0.27J	0.13	0.1	0.85	0.51	0.79	8.11	0.84	0.09
02NEW2	21-Dec-95	9.90U	-	-	6.20U	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Nov-96	28.29	-	-	3.4	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Mar-97	13.44	-	-	11.7	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3-Jul-97	15.34	-	-	10.35	-	-	1.5	-	-	<0.87	-	-	NA	NA	NA
	27-Oct-97	13.7	-	-	4.31	-	-	<0.87	-	-	<1.1	-	-	NA	NA	NA
	8-Oct-98	14J	0.5	3.2	9.1J	2	2.7	0.24U	0.24	0.35	0.62UJ	0.88	1.4	12.8	1.1	0.14
	27-Jan-99	15.4J	0.2	2.4	8.5J	0.8	2.5	0.17	0.12	0.1	-0.19UJ	0.57	0.97	15.2	0.3	0.036
	4-May-99	20.1J	0.1	2.4	8.3J	0.7	2.3	0.2U	0.25	0.33	0.35U	0.04	0.66	17.3	0.73	0.066
	20-July-99	18.1J	0.9	2.4	9.7J	0.6	2	0.24J	0.13	0.14	0.65U	0.49	0.79	16.1	0.5	0.071
02NEW8A	27-Dec-95	16.3	-	-	6.3	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Nov-96	24.2	-	-	5.77	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	25-Mar-97	27.29	-	-	5.71	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8-Jul-97	17.57	-	-	11.62	-	-	1	-	-	<0.84	-	-	NA	NA	NA

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	27-Oct-97	15.34	-	-	13.22	-	-	1.28	-	-	<1.1	-	-	NA	NA	NA
	14-Oct-98	22.1J	3.2	2.7	14.8J	2	2.1	0.32U	0.25	0.35	1.25UJ	0.85	1.3	27.8	2.3	0.17
	14-Oct-98	24.6J	3.3	2.2	15.3J	2.1	2.2	0.38	0.27	0.36	0.45UJ	0.53	0.86	26.6	2.3	0.17
	27-Jan-99	25.8J	0.2	1.7	14.4J	0.9	1.8	0.11	0.09	0.1	0.41UJ	0.56	0.92	23.5	0.1	0.05
	27-Apr-99	26.1J	0.5	2.3	17.5J	0.2	1.8	0.43	0.33	0.38	0.93	0.46	0.7	27.1	0.3	0.041
	20-Jul-99	26.3J	0.8	3.1	4.8J	0.2	2.5	0.29J	0.13	0.11	0.75	0.46	0.73	26.5	0.3	0.067
02NEW11	21-Dec-95	6.60U	-	-	5.30U	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Nov-96	6.92	-	-	1.39	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	25-Mar-97	7.78	-	-	2.84	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8-Jul-97	6.14	-	-	5.87	-	-	1.5	-	-	<0.86	-	-	NA	NA	NA
	23-Oct-97	6.55	-	-	6.53	-	-	<0.68	-	-	<1.1	-	-	NA	NA	NA
	14-Oct-98	7.1J	2.2	3.2	7.2J	1.8	2.7	0.1U	0.22	0.35	-0.27UJ	0.78	1.3	7.59	0.72	0.15
	21-Jan-99	7.7J	0.6	1.7	6.4J	0.5	2.1	0.08U	0.09	0.1	0UJ	0.45	0.88	14	0.3	0.052
	26-Apr-99	6.9J	0.9	2.4	5.6J	0.4	2	0.36	0.03	0.35	0.6U	0.46	0.71	7.3	0.73	0.066
	15-Jul-99	9.6J	0.9	2.2	7.2J	0.3	1.6	0.26J	0.13	0.11	0.38	0.05	0.76	5.53	0.61	0.055
02NEW15	12-Oct-98	20J	3.8	4.3	9.5J	2.4	3.6	0.29U	0.22	0.29	0.61UJ	0.58	0.94	14.4	1.3	0.1
	1-Feb-99	20.4J	0.5	3.4	10.5J	0.3	3.3	0.84	0.32	0.2	OUJ	0.45	0.88	13.6J	0.2	0.016
	26-Apr-99	14.1J	0.1	3.7	7.6J	0.1	3.2	0.81	0.46	0.7	0.81	0.46	0.71	13.5	0.2	0.049
	19-Jul-99	23.8J	0.1	3.9	7.7J	0.1	3.1	0.26J	0.13	0.11	1.14	0.05	0.76	14.8	0.5	0.082
02NEW16	8-Oct-98	17.2J	3	3.3	10.3J	2	2.7	0.27U	0.21	0.28	-0.19UJ	0.93	1.6	17.3	1.6	0.15
	27-Jan-99	18.5J	0.6	1.9	9.8J	0.7	2.1	0.08U	0.12	0.1	0.76UJ	0.06	0.96	16.7	0.5	0.057
	4-May-99	17.8J	0.7	2	8.7J	0.4	1.7	0.1U	0.26	0.39	0.56U	0.43	0.69	16.4	0.5	0.023
	21-Jul-99	20.6J	0.1	2.4	10.2J	0.6	1.9	0.29J	0.15	0.14	0.41U	0.45	0.73	20.7	0.9	0.078

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
03_DGMW64	15-Jan-93	14.3	-	-	13.1	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	2-Jun-93	13.3	-	-	16.6	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Feb-96	11.14	-	-	2.97	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Nov-96	13.33	-	-	7.29	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Nov-96	13.33	-	-	7.27	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4-Mar-97	16.6	-	-	7.08	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-Jun-97	19.99	-	-	7.11	-	-	1.1	-	-	<0.84	-	-	NA	NA	NA
	16-Oct-97	20.18	-	-	10.85	-	-	<1.3	-	-	<1.2	-	-	NA	NA	NA
	13-Oct-98	14.1J	3.3	4.2	13.8J	2.6	3.3	0.12U	0.2	0.3	0.17UJ	0.7	1.2	19.8	1.7	0.15
	2-Feb-99	14.7J	0.7	2.7	13.3J	0.2	2.7	0.09U	0.01	0.1	0.48UJ	0.49	0.79	18.9J	0.6	0.055
	6-May-99	29.2	0.4	3.7	12.4J	0.4	3.2	0.09U	0.27	0.41	0.83U	0.59	0.94	20.8	0.8	0.061
	26-Jul-99	33.2	-	4.1	10.9J	0.5	3.6	0.12J	0.01	0.11	0.52U	0.52	0.83	24.4	0.2	0.058
03_DGMW65X	18-Jan-93	8.6	-	-	8.8	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Jul-97	14.5	-	-	13.2	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	26-Feb-96	15.56	-	-	9.79	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11-Nov-96	14	-	-	2.19	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	4-Mar-97	16.38	-	-	6.93	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-Jun-97	14.13	-	-	26.66	-	-	<1.1	-	-	1.1	-	-	NA	NA	NA
	15-Oct-97	15.26	-	-	13.88	-	-	<1.1	-	-	<1.3	-	-	NA	NA	NA
	13-Oct-98	13J	2.8	3.3	11.8J	2.4	3.2	0.21U	0.24	0.35	0.15UJ	0.82	1.4	17.4	1.5	0.12
	29-Jan-99	16.1J	0.8	2.7	10.9J	-	2.5	0.08U	0.08	0.1	0.31UJ	0.52	0.85	16.4J	0.5	0.016
	6-May-99	20.5J	0.4	3.1	10.9J	-	2.6	0.18U	0.29	0.4	0.73U	0.55	0.87	16.3	0.5	0.051
	26-Jul-99	19.2J	0.7	4.1	11.7J	0.3	3.1	0.11J	0.09	0.09	0.24U	0.51	0.84	16	0.5	0.087

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
03_UGMW26	1-Oct-92	14.2	-	-	10.9	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	23-Jan-93	14.5	-	-	10.7	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	3.77	-	-	15.8	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Nov-96	13.3	-	-	1.23	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Nov-96	14.37	-	-	2.22	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6-Mar-97	14.52	-	-	0.39	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-Jul-97	9.34	-	-	4.57	-	-	<1.3	-	-	<0.91	-	-	NA	NA	NA
	17-Oct-97	22.11	-	-	5.77	-	-	<1.2	-	-	<1.0	-	-	NA	NA	NA
	13-Oct-98	12.6J	2.7	3.3	9.8J	2	2.7	0.22U	0.24	0.35	0.62UJ	0.82	1.3	13.7	1.2	0.14
	3-Feb-99	14.2J	0.4	2.3	9J	0.7	2.3	0.21	0.13	0.1	0.47UJ	0.1	0.75	12.5J	0.1	0.047
	5-May-99	13.1J	0.2	1.9	9.6J	0.5	1.7	0.26U	0.28	0.35	0.19U	0.2	0.78	13.4	0.2	0.018
	22-Jul-99	15.5J	0.7	2.5	7.2J	0.7	2.5	0.25J	0.13	0.11	0.83	0.2	0.83	12.8	0.2	0.071
04_DBMW40	26-Feb-96	15.23	-	-	10.21	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Nov-96	25.98	-	-	6.55	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5-Mar-97	10.42	-	-	8.16	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-Jun-97	28.18	-	-	9.72	-	-	<1.3	-	-	<0.91	-	-	NA	NA	NA
	16-Oct-97	19.43	-	-	15.06	-	-	<1.2	-	-	<1.0	-	-	NA	NA	NA
	15-Oct-98	21.6J	3.5	3.3	14.5J	2.6	3.3	0.02U	0.14	0.24	0.18UJ	0.46	0.76	19.5	1.7	0.15
	4-Feb-99	17.8J	-	2.6	12.7J	0.2	2.7	0.03U	0.09	0.1	0.34	0.46	0.75	19.4	0.7	0.038
	7-May-99	17.8J	0.2	3	10J	-	2.8	0.32U	0.35	0.39	0.84U	0.59	0.93	17.9	0.6	0.023
	26-Jul-99	23.6J	0.7	3.3	10.4J	0.2	3.1	0.08UJ	0.09	0.12	1.08	0.58	0.9	18.7	0.7	0.075
04_DGMW66	26-Feb-96	2.78	-	-	9.33	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12-Nov-96	7.45	-	-	1.36	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	4-Mar-97	7.52	-	-	2.73	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-Jul-97	8.75	-	-	6.88	-	-	<1.4	-	-	<0.83	-	-	NA	NA	NA
	15-Oct-97	8.71	-	-	4.87	-	-	<1.4	-	-	<1.1	-	-	NA	NA	NA
	16-Oct-98	5.9J	1.6	2	4.3J	1.7	2.7	0.23	0.09	0.11	1.13UJ	0.79	1.3	6.75	0.68	0.17
	4-Feb-99	6.4J	0.7	2.3	7.6J	0.6	2.3	0.24	0.13	0.1	0.26UJ	0.52	0.86	6.92J	0.67	0.042
	5-May-99	7.8J	0.2	2.9	4.6J	0.6	2.5	0.3U	0.29	0.34	0.67U	0.72	1.2	6.8	0.69	0.074
	26-Jul-99	7.5J	0.9	2.3	5.9J	0.5	2.2	0.22J	0.12	0.13	1.31	0.59	0.9	7.49	0.76	0.051
04_UGMW63	24-Nov-92	NA	NA	NA	11.3	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-Jan-96	14.41	-	-	4.44	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Nov-96	22.86	-	-	3.06	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Nov-96	21.89	-	-	2.67	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	15-Oct-98	13.4J	2.5	2.8	10.2J	1.9	2.5	0.14U	0.21	0.31	0.48UJ	0.54	0.88	15.5	1.4	0.17
	4-Feb-99	13.6J	0.3	2	10.2J	-	2.5	0.08U	0.19	0.1	1.1J	0.52	0.79	13.6J	0.2	0.044
	5-May-99	18.2J	0.8	1.9	12.8J	0.9	2.2	0.04U	0.23	0.36	0.37U	0.46	0.75	19.7	0.7	0.044
	26-Jul-99	19.3J	0.3	3.3	13.3J	0.2	2.7	0.17J	0.12	0.14	0.51U	0.53	0.86	22.2	0.1	0.083
05_DBMW41	16-Nov-92	9	-	-	5.9	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	16-Nov-92	9.4	-	-	6.3	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5-Dec-95	27	-	-	18.6	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	26.37	-	-	9.3	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Nov-96	29.04	-	-	5.68	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Mar-97	21	-	-	4	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8-Jul-97	23.56	-	-	15.82	-	-	3.8	-	-	<0.88	-	-	NA	NA	NA
	21-Oct-97	23.45	-	-	5.74	-	-	<1.4	-	-	<0.99	-	-	NA	NA	NA

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	16-Oct-98	26.5J	4	3.6	14.4J	2.6	3.4	0.3	0.1	0.11	0.84UJ	0.77	1.2	24.8	2.1	0.14
	3-Feb-99	24.2J	0.4	2.2	12.6J	0.9	2.6	0.4	0.17	0.1	0.91UJ	0.52	0.81	22.8	-	0.061
	10-May-99	23.2J	0.4	2.3	10.4J	0.8	2.3	0.32U	0.39	0.46	1.07	0.54	0.83	21.1	0.9	0.059
	22-Jul-99	23.8J	0.4	2.6	11.7J	0.1	2.8	0.38J	0.16	0.12	1.29	0.55	0.82	18.9	0.7	0.054
05_DGMW67	30-Nov-92	15	-	-	7.7	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	30-Nov-92	24.9	-	-	53	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3-Jun-93	16.7	-	-	19	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6-Dec-95	23.2	-	-	9.6	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7-Feb-96	22.11	-	-	6.07	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Nov-96	19.58	-	-	1.35	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	14-Mar-97	24.6	-	-	4.14	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	20-Oct-98	15.1J	3.1	3.7	10.9J	2.4	3.4	0.14	0.07	0.11	0.78UJ	0.9	1.5	16.1	1.4	0.14
	22-Jan-99	16.2J	0.7	2.3	10.5J	-	2.7	0.03U	0.07	0.1	0.21UJ	0.54	0.9	15.9	0.4	0.035
	10-May-99	16.6J	0.8	2.5	7.2J	0.7	2.4	0.07U	0.22	0.34	0.21U	0.43	0.71	19.7	0.7	0.044
	21-Jul-99	15.7J	0.2	3.7	9.9J	0.9	2.6	0.18J	0.11	0.13	0.98	0.49	0.76	14.6	0.4	0.031
05_DGMW68	17-Dec-92	7	-	-	13.6	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	25-Jun-93	10.8	-	-	12.4	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9-Jan-96	11.6	-	-	10.9	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	15-Nov-96	20.4	-	-	3.75	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	5-Mar-97	19.21	-	-	8.28	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	1-Jul-97	19.69	-	-	7.62	-	-	<0.98	-	-	<0.81	-	-	NA	NA	NA
	17-Oct-97	13.63	-	-	0.36	-	-	<1.4	-	-	<1.8	-	-	NA	NA	NA
	19-Oct-98	3.7J	2	3.2	5.9J	1.7	2.6	0.16	0.07	0.1	-0.02UJ	0.71	1.2	5.84	0.58	0.16

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	2-Feb-99	7.9J	0.7	1.8	4.8J	0.6	2.4	0.06U	0.09	0.1	0.25UJ	0.46	0.77	5.74	0.58	0.059
	13-May-99	6.9J	0.9	2.4	5.1J	0.5	2.3	0.09U	0.22	0.32	0.62U	0.52	0.83	21.1	0.9	0.059
	22-Jul-99	5.8J	0.8	2.4	6.3J	0.5	2.1	0.06U	0.01	0.14	0.76U	0.53	0.85	5.86	0.64	0.054
05_UGMW27	3-Jun-93	9.3	-	-	14.1	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	17-Aug-95	13.3	-	-	5.1	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8-Dec-95	12.4	-	-	8.2	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	29-Jan-96	15.89	-	-	2.55	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Nov-96	14.67	-	-	2.21	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Mar-97	18.17	-	-	7.91	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9-Jul-97	14.41	-	-	6.16	-	-	1.8	-	-	<1.0	-	-	NA	NA	NA
	9-Jul-97	17.42	-	-	7.36	-	-	2.5	-	-	<0.87	-	-	NA	NA	NA
	21-Oct-97	18.39	-	-	2.74	-	-	<1.1	-	-	<0.97	-	-	NA	NA	NA
	21-Oct-97	18.39	-	-	3.52	-	-	<1.0	-	-	<0.96	-	-	NA	NA	NA
	20-Oct-98	11.7J	2.7	3.3	10.7J	2.3	3.3	0.35	0.1	0.1	0.38UJ	0.76	1.3	15.6	1.4	0.15
	22-Jan-99	18.4J	0.9	2.5	11.2J	0.1	2.8	0.19	0.12	0.1	0.33UJ	0.57	0.94	16.4	0.5	0.05
	10-May-99	20.4	0.3	2.5	9.6J	0.1	2.9	0.45	0.38	0.37	0.83U	0.55	0.87	14.7	0.3	0.053
	21-Jul-99	18J	0.6	4.1	11J	0.3	3.1	0.31J	0.15	0.13	0.46U	0.49	0.79	16.4	0.6	0.065
05NEW1	28-Dec-95	3.4	-	-	3.8	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Nov-96	10.05	-	-	3.5	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13-Mar-97	8.34	-	-	9.02	-	-	NA	NA	NA	NA	NA	NA	NA	NA	NA
	9-Jul-97	4.88	-	-	7.68	-	-	2.8	-	-	1.6	-	-	NA	NA	NA
	9-Jul-97	8.75	-	-	14.45	-	-	4	-	-	1.5	-	-	NA	NA	NA
	21-Oct-97	6.92	-	-	3.82	-	-	<1.4	-	-	<0.90	-	-	NA	NA	NA

Table 4-2 (continued)
Results of Radionuclide Analyses at Landfill Sites, 1992-1998
MCAS El Toro

Station ID	Sample Date	Total—Gross Alpha			Total—Gross Beta			Total Radium (226)[a]			Radium-228			Total Uranium		
		Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)	Activity (pCi/L)	Error	MDA (pCi/L)
		MCL = 15[b]			MCL = 50			MCL = 5[c]						MCL = 20		
	19-Oct-98	11.7J	2.3	2.5	9.7J	1.9	2.6	0.41	0.11	0.11	-0.08UJ	0.9	1.5	9.48	0.88	0.14
	2-Feb-99	11.1J	0.3	2.4	11.3J	0.1	2.8	0.38	0.16	0.1	0.59UJ	0.46	0.74	10.2J	0.94	0.043
	14-May-99	14.7J	2.3	2.3	9.5J	0.8	2.4	0.59	0.36	0.34	0.71U	0.59	0.95	10.8	-	0.075
	23-Jul-99	12.2J	0.9	3.5	9.1J	0.1	3	0.44J	0.16	0.1	0.71U	0.57	0.91	10.6	0.1	0.082

Notes:

[a] Samples collected prior to 1998 were analyzed for radium-226.
[b] Maximum Contaminant Level (MCL) for gross alpha is total gross alpha minus total uranium
[c] The MCL is for the combined radium-226 and radium-228 levels

Dash indicates this value was not available

J = estimated value
MCAS = Marine Corps Air Station
MDA = minimum detectable activity
NA = not analyzed
pCi/L = picoCuries per liter
U = not detected
UJ = analyte not detected, detection limit estimated

Table 4-3
Sulfate and Sulfide Concentrations at Landfill Sites, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Site	Station ID	Well Location	Round 9 Sulfate Concentration (mg/L)	Round 9 Sulfide Concentration (mg/L)	Round 10 Sulfate Concentration (mg/L)	Round 10 Sulfide Concentration (mg/L)	Round 11 Sulfate Concentration (mg/L)	Round 11 Sulfide Concentration (mg/L)
Site 2	02_UGMW25	Upgradient	450	1 UJ	430	1 UJ	350	1 UJ
	02NEW11	Upgradient	35	1 UJ	180	1 UJ	130	1 UJ
	02_DGMW61	Downgradient	170	1 UJ	210	1 UJ	180	1 UJ
	02NEW8A	Downgradient	140	1 UJ	160	1 UJ	130	1 UJ
	02NEW15	Downgradient	350	1 UJ	340	1 UJ	330	1 UJ
	02NEW16	Downgradient	61	1 UJ	140	1 UJ	190	1 UJ
	02_DGMW59	Downgradient	400	1 UJ	430	1 UJ	430	1 UJ
	02_DGMW60	Downgradient	170	1 UJ	190	1 UJ	170	1 UJ
	02NEW1	Downgradient	35	1 UJ	NA	1 UJ	NA	1 UJ
	02NEW2	Downgradient	36	1 UJ	160	1 UJ	210	1 UJ
Site 3	03_UGMW26	Upgradient	110	1 UJ	130	1 UJ	98	1 UJ
	03_DGMW64	Downgradient	170	1 UJ	220	1 UJ	200	1 UJ
	03_DGMW65X	Downgradient	99	1 UJ	110	1 UJ	100	1 UJ
	04_UGMW63	Upgradient	94	1 UJ	110	1 UJ	98	1 UJ
	04_DBMW40	Downgradient	140	1 UJ	150	1 UJ	140	1 UJ
	04_DGMW66	Downgradient	83	1 UJ	87	1 UJ	97	1 UJ
Site 5	05_UGMW27	Upgradient	240	1 UJ	270	1 UJ	270	1 UJ
	05_DBMW41	Downgradient	230	1 UJ	220	1 UJ	270	1 UJ
	05_DGMW67	Downgradient	190	1 UJ	280	1 UJ	270	1 UJ
	05_DGMW68	Downgradient	190	1 UJ	190	1 UJ	190	1 UJ
	05NEW1	Downgradient	220	1 UJ	220	1 UJ	120	1 UJ
Site 17	17NEW2	Upgradient	36	1 UJ	58	1 UJ	33	1 UJ
	17_DGMW82	Downgradient	130	1 UJ	140	1 UJ	120	1 UJ
	17NEW1	Downgradient	35	1 UJ	58	1 UJ	32	1 UJ

Notes:

MCAS = Marine Corps Air Station
mg/L = milligrams per liter
J = estimated value
UJ = nondetect, with estimated detection limit

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Table 4-4
Results of General Chemistry Analyses, Monitoring Rounds 9, 10 and 11, 1999
MCAS El Toro

Station ID	Sample Date	All Results in Milligrams per Liter (mg/L)								
		Chloride	Nitrate	Alkalinity as $CaCO_3$	Bicarbonate as $CaCO_3$	Carbonate as $CaCO_3$	Fluoride	Iron II	Iron III	TOC
02_DGMW59	27-Jan-99	110	4.4	230J	230J	2UJ	1U	0.1U	0.04U	5.1
	3-May-99	120	4.6	250J	250J	2UJ	1U	0.1U	0.04U	5.6
	21-Jul-99	150	9.1	290	290	2U	1U	0.1UJ	0.04UJ	11
02_DGMW60	25-Jan-99	110	16	460J	460J	2UJ	1.6	0.12	0.04U	3.1
	3-May-99	100	16	480J	480J	2UJ	1U	0.1U	0.04U	2.1
	22-Jul-99	100	16	480	480	2U	1U	0.1UJ	0.04UJ	7.2
02_DGMW61	25-Jan-99	46	8.1	290J	290J	2UJ	1U	0.37	0.04U	2.5
	27-Apr-99	41	6.5	300J	300J	2UJ	1.3	0.1U	0.04U	1.3
	19-Jul-99	44	6.9	300	300	2U	1U	0.1UJ	0.04UJ	7.9
02_UGMW25	1-Feb-99	180	14	330J	330J	2UJ	1U	0.1U	0.04U	5.8
	29-Apr-99	190	21J	310J	310J	2UJ	1U	0.1U	0.04UJ	3.9
	15-Jul-99	160	22	280	280	2U	1U	0.1UJ	0.04UJ	8.5
02NEW11	21-Jan-99	79	3	220J	220J	2UJ	1U	0.27	0.04U	1.8
	26-Apr-99	75	2.4	240J	240J	2UJ	1U	0.46	0.04U	2.4
	15-Jul-99	69	2.5	240	240	2U	1U	0.3	0.04UJ	5.4
02NEW15	1-Feb-99	110	6.1	260J	260J	2UJ	1U	29	0.72	3.4
	26-Apr-99	100	4.5J	250J	250J	2UJ	1.7	1.4	0.04U	2.7
	15-Jul-99	100	4.1	250	250	2U	1U	0.1UJ	0.04UJ	8
02NEW16	27-Jan-99	61	11	280J	280J	2UJ	1U	0.1U	0.04U	3.2
	4-May-99	47	7.4	290J	290J	2UJ	1U	0.1U	0.04UJ	2.6
	21-Jul-99	69	10	270	270	2U	1U	0.1UJ	0.04UJ	6.8
02NEW2	27-Jan-99	84	6.5	260J	260J	2UJ	1U	0.1U	0.04U	2.9
	4-May-99	92	9.9	240J	240J	2UJ	1U	0.1U	0.04U	1.8

Table 4-4 (continued)
Results of General Chemistry Analyses, Monitoring Rounds 9, 10 and 11, 1999
MCAS El Toro

Station ID	Sample Date	All Results in Milligrams per Liter (mg/L)								
		Chloride	Nitrate	Alkalinity as $CaCO_3$	Bicarbonate as $CaCO_3$	Carbonate as $CaCO_3$	Fluoride	Iron II	Iron III	TOC
	20-Jul-99	76	8.1	250	250	2U	1U	0.1UJ	0.04UJ	7.7
02NEW8A	27-Jan-99	45	9.7	290J	290J	2UJ	1U	0.1U	0.04U	2.1
	27-Apr-99	40	10	300J	300J	2UJ	1.2	0.1U	0.04U	1.3
	20-Jul-99	39	8.7	300	300	2U	1U	0.1UJ	0.04UJ	6
18_BGMW16	29-Jul-99	96	20	240	240	2U	1.4	NA	NA	NA
18_BGMW18	29-July-99	140	21	230	330	2U	1.4	NA	NA	NA

Notes:

MCAS = Marine Corps Air Station
NA = parameter not analyzed
J = estimated concentration
TOC = total organic carbon
U = analyte undetected
UJ = analyte undetected, detection limit estimated

Table 4-5
Results of Perchlorate Analyses, Monitoring Rounds 9, 10 and 11, 1999
MCAS El Toro

Well Location	Round 9 Perchlorate Concentration (µg/L)	Round 10 Perchlorate Concentration (µg/L)	Round 11 Perchlorate Concentration (µg/L)
01_DGMW57	NA	2J	3J
01_DGMW58	NA	17	5
01MW101	NA	2J	4U
01MW102	NA	2J	2J
01MW201	NA	380	350J
02_DGMW59	NA	4U	4U
02_DGMW60	NA	4U	4U
02_DGMW61	NA	5	5
02_UGMW25	NA	4U	2J
02NEW11	NA	4U	4UJ
02NEW15	NA	4U	4U
02NEW16	NA	3J	6
02NEW2	NA	4U	2J
02NEW8A	NA	11	9
03_DGMW64	NA	4	5
03_DGMW65X	NA	7	5
03_UGMW26	NA	5	4
04_DBMW40	NA	1J	4
04_DGMW66	NA	1J	5
04_UGMW63	NA	6	5
05_DBMW41	NA	4U	4U
05_DGMW67	NA	4U	4U
05_DGMW68	NA	2J	3J
05_UGMW27	NA	4U	2J
05NEW1	NA	2J	3J
07_DBMW100	NA	6	5
09_DGMW75	NA	10	9
12_UGMW31	NA	6	8J
16_DBMW52	NA	3	3.8J
17_DGMW82	NA	4U	4UJ
17NEW1	NA	2J	3J
17NEW2	NA	4U	4UJ
18_BGMP06D	NA	4	7J
18_BGMW101	NA	5	6
18_DW135	NA	11	12
18_IDP1	NA	4	11J

Table 4-5 (continued)
Results of Perchlorate Analyses, Monitoring Rounds 9, 10 and 11, 1999
MCAS El Toro

Well Location	Round 9 Perchlorate Concentration (µg/L)	Round 10 Perchlorate Concentration (µg/L)	Round 11 Perchlorate Concentration (µg/L)
18_MCAS03-2	NA	11	NA
18_PS6	NA	8	9J
18MCAS01-5	NA	4	4UJ
18MCAS02-4	NA	2J	3.3J
18MCAS03-2	NA	NA	7.7J
19_DGMW52	NA	11	12J
21DGMW90	NA	5	6
24EX2	NA	26	16J
24EX3	NA	5	5
24EX6	NA	6	4
24NEW4	NA	7	5

Notes:

J = estimated value
MCAS = Marine Corps Air Station
µg/L = micrograms per liter
NA = Not Analyzed
UJ = nondetect, with estimated detection limit
U = analyte undetected

Table 4-6
Summary of Field Parameter Measurements, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Station ID	Date	Water Temperature °C	pH	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)
01_DGMW57	20-May-99	20.4	7.5	820	5.4	181.8	39.2
	27-Jul-99	25.93	7.21	781	1.65	207.8	3.0
	06-Aug-99	23.18	7.44	820	1.65	142	3.15
01_DGMW58	19-May-99	24.5	7.5	640	8.3	186	14.6
	06-Aug-99	22.62	7.44	704	1.73	119	6.68
01MW101	27-Jul-99	28.67	7.46	523	2.4	191.7	7.9
01MW102	28-Jul-99	23.50	6.81	843	2.07	163.2	7.4
01MW201	28-Jul-99	27.13	7.09	663	6.9	217.1	0.6
02_DGMW59	27-Jan-99	17.5	7.2	1560	-1.5	183.4	1.1
	03-May-99	18.7	7.3	1630	2.1	152.6	0.6
	21-Jul-99	21.85	7.0	1774	1.17	34.5	0.1
02_DGMW60	25-Jan-99	17.8	7.62	1580	2.29	77.8	-1.7
	03-May-99	18.3	7.1	1580	2.4	167.2	0.7
	19-Jul-99	23.78	6.87	1549	0.84	39.7	0.9
02_DGMW61	25-Jan-99	16.64	7.78	1070	5.07	180.5	1
	27-Apr-99	27	7.2	1120	4.7	162.3	0.7
02_DGMW61	19-Jul-99	31.20	7.17	1031	5.10	228.3	0.10
02_UGMW25	01-Feb-99	13.92	7.32	2026	1.5	205.1	1.95
	26-Apr-99	21.8	7.2	1000	8.1	140.9	9.41
	15-Jul-99	26.2	7.19	1787	1.84	177	0.3
02NEW11	21-Jan-99	19.27	7.28	1017	15.51	157.8	6.23
	26-Apr-99	21.8	7.2	1000	8.1	140.9	9.41
	15-Jul-99	25.2	7.22	863	6.49	173	7.2
02NEW15	01-Feb-99	21.32	7.32	1479	3.05	137	8.82
	26-Apr-99	22.4	7.3	1470	3.0	114.3	6.8
	19-Jul-99	23.58	7.17	1362	7.17	183.1	2.77
02NEW16	26-Jan-99	19.95	7.12	1111	3.68	194.9	0.62
	04-May-99	21.0	7.2	1030	3.0	135.8	0.4
	21-Jul-99	21.46	7.02	1069	4.15	85.8	0.56
02NEW2	27-Jan-99	15.04	7.25	1577	3.85	190.1	7
	04-May-99	19.4	7.3	1200	4.9	144.8	0.4
	20-Jul-99	26.1	7.3	1110	4.56	222	0.01
02NEW8A	28-Jan-99	21.32	7.19	968	4.08	204.2	0.23
	27-Apr-99	19.7	7.1	1020	4.9	162.8	0.7
	20-Jul-99	24.48	7.27	945	5.14	200.5	0.23
03_DGMW64	02-Feb-99	20.21	7.44	1386	4.79	211	101
	06-May-99	24	7.5	1400	3.9	153.4	132
	26-Jul-99	25.34	7.14	1345	3.05	219.6	140
03_DGMW65X	29-Jan-99	20.41	7.25	1337	7.64	198.4	20.2
	07-May-99	27.6	7.3	1330	4.5	139.6	5.8
	26-Jul-99	27.0	7.0	1317	5.6	217.4	15.1

Table 4-6 (continued)
Summary of Field Parameter Measurements, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Station ID	Date	Water Temperature °C	pH	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)
03_UGMW26	03-Feb-99	22.41	7.24	1193	8.95	229.3	1.77
	05-May-99	24.5	7.3	1190	7.7	146.4	1.3
	22-Jul-99	24.13	7.13	1187	7.57	73.9	0.91
04_DBMW40	04-Feb-99	18.68	7.23	1372	3.57	181	2.64
	07-Feb-99	27.6	7.3	1330	4.5	139.6	5.8
	26-Jul-99	26.03	7.25	1296	3.4	154	6.12
04_DGMW66	04-Feb-99	16.92	7.2	1158	7.78	218	5.74
	23-Jul-99	27.42	6.9	1115	6.7	237	2.85
04_UGMW63	04-Feb-99	18.24	7.21	1336	6.59	217	39.1
	05-May-99	20.9	7.1	1450	7.1	115.6	35
	26-Jul-99	25.53	6.92	1553	2.63	63.2	1.15
05_DBMW41	03-Feb-99	14.26	7.44	1312	8.85	208.8	0.6
	10-May-99	23.0	7.3	1270	7.9	119.6	0.4
	22-Jul-99	22.28	6.88	1194	7.0	242.6	0.41
05_DGMW67	22-Jan-99	22.91	7.26	1330	7.1	130.2	24.3
	10-May-99	24.5	7.2	1390	5.6	126.1	24.7
	21-Jul-99	26.28	6.91	1291	6.39	224.6	7.7
05_DGMW68	02-Feb-99	21.84	6.97	1132	9.04	216.1	13.1
	13-May-99	20	7.1	1160	8	139.9	26
	22-Jul-99	24.78	6.51	1081	7.95	239	1.66
05_UGMW27	22-Jan-99	20.59	7.47	1370	7.32	129.3	0.4
	10-May-99	19.5	7.4	1410	7	84.3	0.4
	21-Jul-99	22.49	6.91	1324	6.99	242	0.26
05NEW1	02-Feb-99	22.34	6.92	1316	9.79	124.6	136
	14-May-99	21.3	7	1310	8.5	93.5	64.1
	23-Jul-99	24.09	6.63	1287	7.92	153.4	29.0
07_DBMW100	17-May-99	26.9	7	1120	8.6	138.2	4
	27-Jul-99	24.78	6.78	1095	9.05	106.3	3.36
07_DBMW43	30-Jul-99	31.8	6.87	1337	3.32	195	63.2
08_DGMW74	28-Jul-99	25.16	7.07	1403	7.13	91.4	25.4
08_UGMW29	28-Jul-99	25.58	7.15	1413	1.66	62.3	53.3
09_DBMW45	03-Aug-99	23.93	6.83	1617	7.44	147	49.3
09_DGMW75	17-May-99	22.7	6.9	2260	8.9	77.1	37.5
	27-Jul-99	24.12	6.64	2340	6.77	62	15.6
12_UGMW31	21-May-99	22	7	1530	8.7	132.4	65.1
	29-Jul-99	26.36	6.67	1462	7.11	182.3	64
15_DBMW51	29-Jul-99	25.03	6.89	2944	1.68	107.7	0.14
16_DBMW52	18-May-99	26.6	7.4	1660	5.5	167.7	30.5
	14-Jul-99	28.99	7.52	1567	7.02	185	1.2
17_DGMW82	29-Jan-99	21.93	7.31	1116	2.15	196.9	6.2
	30-Apr-99	17.4	7.4	1110	2.3	161.8	14.1
	16-Jul-99	23.96	7.32	1044	1.51	210	5.3

Table 4-6 (continued)
Summary of Field Parameter Measurements, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Station ID	Date	Water Temperature °C	pH	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)
17NEW1	22-Jan-99	21.13	7.36	720	5.8	98.8	28.2
	30-Apr-99	17.8	7.44	763	4.78	158.3	24.1
	16-Jul-99	28.1	7.45	730	3.08	179	22.6
17NEW2	29-Jan-99	20.37	7.65	728	1.47	145.7	4.8
	30-Apr-99	18.2	7.7	730	7.7	124.8	9.27
	16-Jul-99	24.8	7.71	683	1.77	208	3.3
18_BGMP06B	16-Jul-99	26.6	6.95	806	4.78	--	0.08
18_BGMP06C	16-Jul-99	27.2	7.32	812	3.66	--	0.16
18_BGMP06D	16-Jul-99	28.4	6.86	1488	2.97	--	0.02
18_BGMP06E	16-Jul-99	27.2	6.89	2040	3.67	--	0.22
18_BGMP10C	20-Jul-99	26.8	8.48	551	4.77	--	0.5
18_BGMP10D	20-Jul-99	27.8	7.64	570	4.8	--	3.25
18_BGMP10E	20-Jul-99	25.6	7.38	725	5.08	--	3.56
18_BGMP10F	20-Jul-99	25.3	6.80	1205	4.09	--	0.14
18_BGMW03C	02-Aug-99	25.5	7.06	958	7.91	93.2	1.13
18_BGMW03E	02-Aug-99	26.26	6.98	1284	4.95	95.4	20.8
18_BGMW04A	02-Aug-99	24.79	6.91	1010	7.75	118.7	5.57
18_BGMW04B	02-Aug-99	22.78	6.96	1150	9.14	132.2	7.82
18_BGMW05C	02-Aug-99	28.70	6.92	1127	7.12	249.7	0.7
18_BGMW05D	02-Aug-99	23.99	6.52	1160	5.85	160.6	4.1
18_BGMW101	18-May-99	22.8	7.1	2070	5.8	151.5	1.8
	27-Jul-99	23.39	6.95	2120	5.44	85.4	1.9
18_BGMW14	30-Jul-99	28.7	6.54	1224	5.68	187.3	267
18_BGMW16	29-Jul-99	23.53	7.27	1506	7.45	94.7	1.09
18_BGMW18	29-Jul-99	23.78	7.23	1650	7.26	88.1	0.20
18_BGMW19D	29-Jul-99	24.18	6.91	2471	6.65	90.9	0.26
18_DW135	18-May-99	24.4	7.1	2680	6.3	173.1	0.4
	27-Jul-99	25.72	6.96	2640	6.5	89.5	0.15
18_DW250	30-Jul-99	25.51	7.16	1270	6.22	98.9	18.5
18_DW350	30-Jul-99	25.09	7.10	940	3.97	65.1	8.94
18_DW450	30-Jul-99	24.93	7.32	1040	4.75	73.9	2.89
18_DW540	3-Jul-99	23.97	9.03	600	0.93	-100.5	0.94
18_IDP1	29-Jul-99	29.50	6.88	1835	450	200.4	46
18_MCAS01-2	14-Jul-99	25.9	6.52	2600	5.8	--	1.54
18_MCAS01-3	14-Jul-99	26.7	6.63	1666	4.8	--	2.04
18_MCAS01-4	14-Jul-99	27.9	6.94	1417	3.7	--	0.87
18_MCAS01-5	14-Jul-99	26.6	7.18	1159	4.6	--	1.32
18_MCAS01-6	14-Jul-99	25.5	6.09	1068	4.6	--	6.88
18_MCAS01-7	14-Jul-99	26.7	5.35	8872	2.4	--	2.70
18_MCAS02-1	13-Jul-99	29.51	6.66	3440	4.1	--	0.32
18_MCAS02-2	13-Jul-99	24	6.49	3200	5.1	--	1.43
18_MCAS02-3	13-Jul-99	24.32	7.04	1411	4.9	--	0.25
18_MCAS02-4	13-Jul-99	29.2	6.73	1240	6.1	--	2.95

Table 4-6 (continued)
Summary of Field Parameter Measurements, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Station ID	Date	Water Temperature °C	pH	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)
18_MCAS02-5	13-Jul-99	29.2	7.27	1436	4.7	--	2.77
18_MCAS02-6	13-Jul-99	31	7.4	1897	4.7	--	1.12
18_MCAS03-1	13-Jul-99	25.15	7.15	1890	3.0	--	2.65
18_MCAS03-2	13-Jul-99	30	8.22	1576	6.2	--	3.34
18_MCAS03-3	12-Jul-99	40	--	1112	--	--	5.9
18_MCAS04	05-Aug-99	21.21	6.35	1556	3.23	16.3	2.9
18_MCAS06	06-Aug-99	23.69	6.58	1093	1.08	-23.8	0.3
18_MCAS07-2	15-Jul-99	25.4	6.75	844	3.04	--	0.09
18_MCAS07-3	15-Jul-99	26.5	6.63	944	3.47	--	0.26
18_MCAS07-4	15-Jul-99	25.6	6.75	903	4.29	--	0.18
18_MCAS07-5	15-Jul-99	25.7	5.94	2240	3.8	--	0.52
18_MCAS07-6	15-Jul-99	27.8	6.29	2210	3.09	--	3.37
18_MCAS07-7	19-Jul-99	27.7	6.42	2430	1.72	--	4.38
18_MCAS08	04-Aug-99	25.92	7.71	1564	0.27	242	2.1
18_MCAS09	06-Aug-99	25.29	6.94	823	0.38	-74	82.6
18_MCAS10	05-Aug-99	24.79	6.93	1140	0.39	-89.2	1.0
18_PS1	02-Aug-99	24.03	6.80	2400	8.51	115.6	1.81
18_PS2	29-Jul-99	25.54	6.86	2314	6.84	208.4	0.4
18_PS6	21-May-99	22.5	7.1	1620	6.8	155.1	1.94
	29-Jul-99	28.47	6.83	1548	6.13	224.3	10.5
18_PS7	28-Jul-99	23.87	7.23	1152	8.22	100.5	0.17
19_DGMW86	20-May-99	23.2	7.4	1530	5.5	168	76.5
	14-Jul-99	25.37	7.29	1425	5.59	181	10.9
21_DGMW90	17-May-99	24.2	7.1	1430	5.6	110.5	42.6
	28-Jul-99	23.47	7.05	1370	5.4	95.6	12.6
22_DBMW47	03-Aug-99	26.20	6.91	1400	8.11	98.8	0.66
24EX2	21-May-99	20.5	7.3	3270	5.6	85	9.41
	29-Jul-99	28.6	6.8	3406	5.27	122.3	6.1
24EX3	20-May-99	25.9	7.1	1090	8.3	121.2	1.07
	28-Jul-99	30.03	6.84	1104	7.39	185	0.9
24EX3OB1	4-Aug-99	24.92	6.96	1373	9.52	130	29.6
24EX3OB2	4-Aug-99	25.62	6.98	1415	9.09	80.9	4.43
24EX3OB3	4-Aug-99	25.40	6.63	1132	7.18	80.5	638
24EX4OB2	5-Aug-99	21.84	6.78	1356	9.57	105	14.0
24EX5OB1	04-Aug-99	25.79	6.98	1320	7.23	116	59.62
24EX5OB2	04-Aug-99	25.88	6.95	1349	7.92	78.5	26.6
24EX6	28-Jul-99	27.64	6.67	1420	6.49	94.6	65
24EX6OB1	05-Aug-99	23.47	6.98	1388	8.48	118	3.69
24EX6OB2	05-Aug-99	24.60	6.95	1344	8.66	138	14
24EX6OB3	05-Aug-99	23.41	7.23	972	8.34	179	8.37
24NEW1	03-Aug-99	26.19	7.0	1200	7.85	135.4	48.5
24NEW4	17-May-99	28.6	7.0	1380	8.8	108	2.3
	27-Jul-99	27.26	6.66	1326	6.92	171.2	--

Table 4-6 (continued)
Summary of Field Parameter Measurements, Monitoring Rounds 9, 10, and 11, 1999
MCAS El Toro

Station ID	Date	Water Temperature °C	pH	Specific Conductivity (µS/cm)	Dissolved Oxygen (mg/L)	Oxidation-Reduction Potential (mV)	Turbidity (NTU)
24NEW5	03-Aug-99	27.19	6.98	1067	7.99	133	32.4
24NEW6	06-Aug-99	24.67	7.15	985	1.51	149	46.8
24NEW7	30-Jul-99	24.95	6.89	1725	5.72	176.3	43
24NEW8	30-Jul-99	22.83	6.73	1637	7.76	159.6	39

Notes:

°C = degrees centigrade
DO = dissolved oxygen
µS/cm = microsiemens per centimeter
mg/L = milligrams per liter
mV = millivolts
MCAS = Marine Corps Air Station
NTU = nephelometric turbidity units
NM = not measured. The instrument used to obtain field parameter measurements at this location did not include a sensor for ORP.
NR = not reported. Measurement was not obtained because of a sensor or instrument malfunction.
-- = Not Analyzed

The dissolved oxygen measurements greater than about 9 mg/L (approximate saturation concentration) are probably not valid and may indicate a sensor malfunction.

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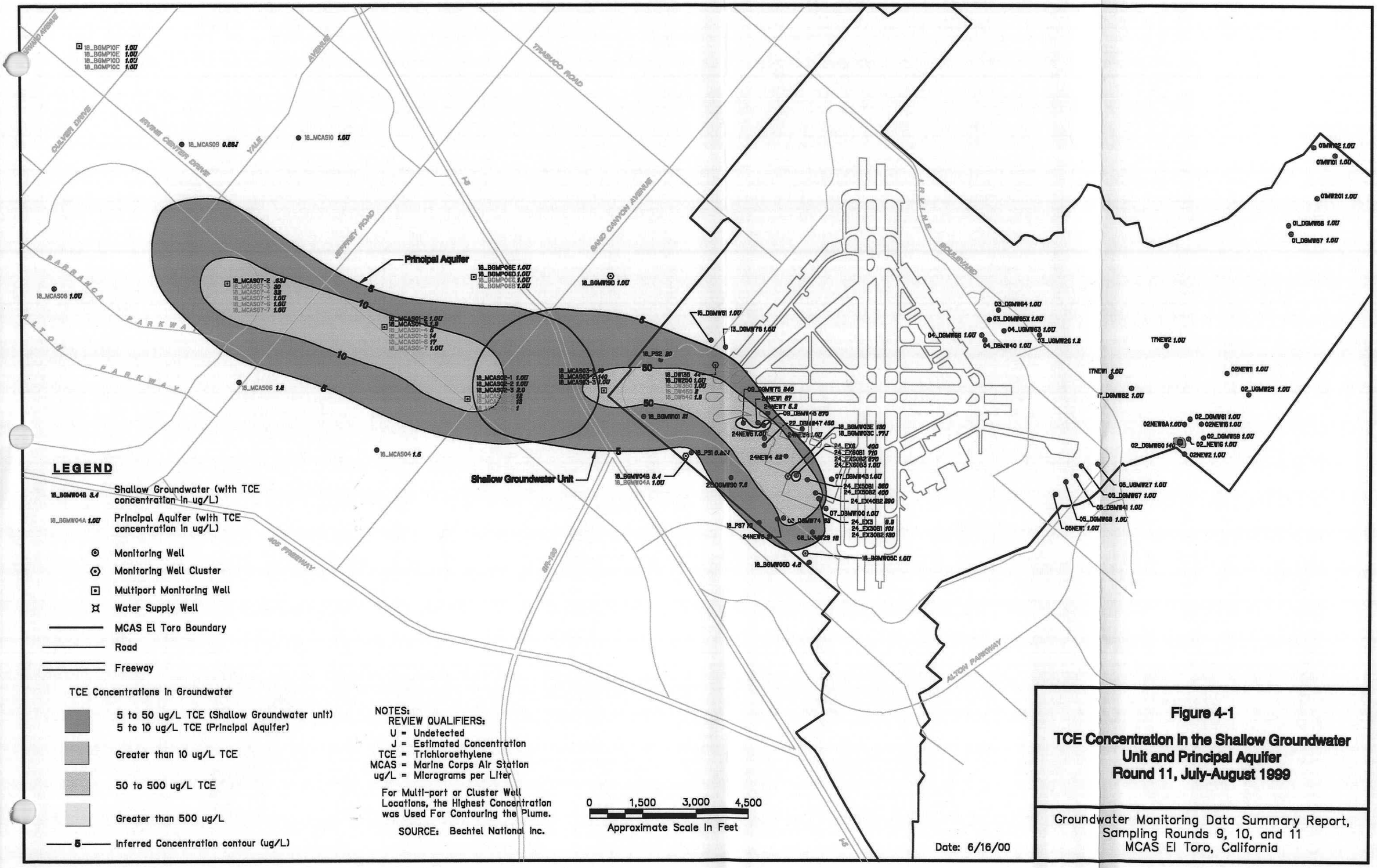

Figure 4-1

TCE Concentration in the Shallow Groundwater Unit and Principal Aquifer Round 11, July-August 1999

Groundwater Monitoring Data Summary Report, Sampling Rounds 9, 10, and 11
MCAS El Toro, California

Section 5
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Appendix A

Summary Information for Groundwater Monitoring Rounds 9, 10, and 11

Table A-1
Summary of Groundwater Monitoring Well Completion and Pump Installation, MCAS El Toro

Well ID	Well Completion Zone[1]	Well Type	Well TOC Elevation[2] (feet MSL)	Well Depth (feet bgs)	Casing Diameter (inch)	Depth to Water[3] (feet TOC)	Screen Interval (feet bgs)	Dedicated Pump (Sampling System)[4]	Depth of Pump Intake[5] (feet bgs)	Depth of WL Probe[6] (feet TOC)	WL Probe Elevation (feet MSL)
01_DGMW57	Shallow	single	631.04	88	4	47.89	63–83	none	--	--	--
01_DGMW58	Shallow	single	622.74	82	4	NM	57-77	none	--	--	--
01MW101	Shallow	single	750.82	153	4	61.0	57–77	none	--	--	--
01MW102	Shallow	single	758.13	140	4	103.9	95-135	none	--	--	--
01MW201	Shallow	single	665.99	62	4	37.2	27–57	none	--	--	--
02_DGMW59	Shallow	single	506.91	94	4	56.0	69–89	bladder pump	79	67.19	439.72
02_DGMW60	Shallow	single	499.28	105	4	62.6	80–100	bladder pump	90	77.19	422.09
02_DGMW61	Shallow	single	514.85	105	4	44.1	80–100	bladder pump	90	57.19	457.66
02_UGMW25	Shallow	single	546.36	80	4	31.4	55–75	bladder pump	65	42.00	504.36
02NEW11	Shallow	single	533.85	70	4	23.1	45–65	bladder pump	55	36.00	497.85
02NEW15	Shallow	single	502.33	70	4	26.2	25–65	bladder pump	50	36.33	466.00
02NEW16	Shallow	single	491.78	70	4	39.4	25–65	bladder pump	50	45.33	446.45
02NEW2	Shallow	single	494.68	100	4	64.3	75–95	bladder pump	85	78.19	416.49
02NEW8A	Shallow	single	512.88	109	4	43.0	84–104	bladder pump	94	57.00	455.88
03_DGMW64	Shallow	single	418.28	290	5	218.7	245–285	bladder pump	265	241.60	176.68
03_DGMW65X	Shallow	single	411.90	275	5	210.4	230–270	bladder pump	250	232.19	179.71
03_UGMW26	Shallow	single	420.05	275	5	205.2	230–270	bladder pump	250	229.25	190.80
04_DBMW40	Shallow	single	400.04	265	4	199.5	220–260	bladder pump	237	222.19	177.85
04_DGMW66	Shallow	single	401.10	295	5	200.72	250–290	bladder pump	267	223.19	177.91
04_UGMW63	Shallow	single	404.11	280	5	198.2	235–275	bladder pump	252	220.19	183.92
05_DBMW41	Shallow	single	424.77	227	4	153.2	182–222	bladder pump	199	174.25	250.52
05_DGMW67	Shallow	single	428.56	232	5	157.3	187–227	bladder pump	204	177.75	250.81
05_DGMW68	Shallow	single	416.95	215	5	157	190–210	bladder pump	197	180.25	236.70
05_UGMW27	Shallow	single	437.86	243	5	161.1	198–238	bladder pump	218	181.25	256.61
05NEW1	Shallow	single	407.77	208	5	156.2	163–203	bladder pump	183	179.25	228.52
07_DBMW100	Shallow	single	286.44	176	4	98.6	131–171	bladder pump	151	119.33	167.11

Table A-1 (continued)
Summary of Groundwater Monitoring Well Completion and Pump Installation, MCAS El Toro

Well ID	Well Completion Zone[1]	Well Type	Well TOC Elevation[2] (feet MSL)	Well Depth (feet bgs)	Casing Diameter (inch)	Depth to Water[3] (feet TOC)	Screen Interval (feet bgs)	Dedicated Pump (Sampling System)[4]	Depth of Pump Intake[5] (feet bgs)	Depth of WL Probe[6] (feet TOC)	WL Probe Elevation (feet MSL)
07_DBMW43	Shallow	single	292.56	195	4	107.4	150–190	bladder pump	170	127.33	165.23
08_DGMW74	Shallow	single	264.75	135	4	80.9	90–130	bladder pump	110	101.33	163.42
08_UGMW29	Shallow	single	271.94	140	4	81.9	95–135	bladder pump	115	103.33	168.61
09_DBMW45	Shallow	single	280.00	162	4	112.5	117–157	bladder pump	137	133.19	146.81
09_DGMW75	Shallow	single	271.00	159	4	106.5	114–154	bladder pump	134	127.19	143.81
12_UGMW31	Shallow	single	255.82	150	4	91.1	105-145	none	--	--	--
13_DGMW78	Shallow	single	276.14	172	4	118.6	127–167	bladder pump	147	139.33	136.81
15_DBMW51	Shallow	single	269.26	170	4	112.8	125–165	bladder pump	145	135.21	134.05
16_DBMW52	Shallow	single	332.00	227	4	162.0	182-222	none	--	--	--
17_DGMW82	Shallow	single	442.12	260	5	175.1	235–255	bladder pump	245	198.19	243.93
17NEW1	Shallow	single	431.93	231	5	170.87	186–226	bladder pump	206	194.19	237.74
17NEW2	Shallow	single	551.36	128	4	85.79	83–123	bladder pump	103	105.19	446.17
18_BGMP06A	Principal	multiport	175.41	MP well	4	NM	445–455	Westbay System	--	--	--
18_BGMP06B	Principal	multiport	175.41	MP well		NM	380–390	Westbay System	--	--	--
18_BGMP06C	Principal	multiport	175.41	MP well		NM	295–305	Westbay System	--	--	--
18_BGMP06D	Shallow	multiport	175.41	MP well		NM	168–178	Westbay System	--	--	--
18_BGMP06E	Shallow	multiport	175.41	MP well		NM	105–115	Westbay System	--	--	--
18_BGMP08A	Principal	multiport	195.70	MP well	4	NM	439–449	Westbay System	--	--	--
18_BGMP08C	Principal	multiport	195.70	MP well		NM	297–307	Westbay System	--	--	--
18_BGMP08D	Shallow	multiport	195.70	MP well		NM	126–136	Westbay System	--	--	--
18_BGMP08E	Shallow	multiport	195.70	MP well		NM	63–73	Westbay System	--	--	--
18_BGMP10A	Principal	multiport	58.24	MP well	4	NM	1,001–1,011	Westbay System	--	--	--
18_BGMP10B	Principal	multiport	58.24	MP well		NM	887–897	Westbay System	--	--	--
18_BGMP10C	Principal	multiport	58.24	MP well		NM	752–762	Westbay System	--	--	--
18_BGMP10D	Principal	multiport	58.24	MP well		NM	563–573	Westbay System	--	--	--
18_BGMP10E	Principal	multiport	58.24	MP well		NM	429–439	Westbay System	--	--	--

A-2

Table A-1 (continued)
Summary of Groundwater Monitoring Well Completion and Pump Installation, MCAS El Toro

Well ID	Well Completion Zone[1]	Well Type	Well TOC Elevation[2] (feet MSL)	Well Depth (feet bgs)	Casing Diameter (inch)	Depth to Water[3] (feet TOC)	Screen Interval (feet bgs)	Dedicated Pump (Sampling System)[4]	Depth of Pump Intake[5] (feet bgs)	Depth of WL Probe[6] (feet TOC)	WL Probe Elevation (feet MSL)
18_BGMP10F	Principal	multiport	58.24	MP well		NM	218–229	Westbay System	--	--	--
18_BGMW03A	Principal	cluster well	279.25	395	5	109.1	370–390	none	--	--	--
18_BGMW03B	Principal	cluster well	279.28	305	5	103.9	280–300	none	--	--	--
18_BGMW03C	Shallow	cluster well	279.41	247	5	100.5	222–242	bladder pump	232	119.56	159.85
18_BGMW03E	Shallow	cluster well	279.16	169	4	103.2	124–164	bladder pump	142	123.33	155.83
18_BGMW04A	Principal	cluster well	243.36	311	5	92.6	286–306	bladder pump	296	104.33	139.03
18_BGMW04B	Shallow	cluster well	243.58	215	4	81.8	190–210	bladder pump	200	99.25	144.33
18_BGMW05A	Principal	cluster well	269.45	487	5	80.4	452 –482	none	--	--	--
18_BGMW05B	Principal	cluster well	270.41	346	5	80.0	321–341	none	--	--	--
18_BGMW05C	Shallow	cluster well	269.39	250	5	77.3	225–245	bladder pump	235	97.50	171.89
18_BGMW05D	Shallow	cluster well	270.42	138	6	77.9	83–133	bladder pump	113	98.33	172.09
18_BGMW101	Shallow	single	232.80	135	4	75.5	90–130	bladder pump	110	96.19	136.61
18_BGMW14	Shallow	single	268.67	120	4	66.6	75–115	bladder pump	95	86.19	182.48
18_BGMW16	Shallow	single	376.67	268	5	208.2	223–263	bladder pump	243	230.19	146.48
18_BGMW18	Shallow	single	276.49	185	4	124.2	140–180	bladder pump	160	144.19	132.30
18_BGMW19A	Principal	cluster well	232.61	473	5	99.1	448–468	none	--	--	--
18_BGMW19B	Principal	cluster well	232.69	425	5	101.2	400–420	none	--	--	--
18_BGMW19C	Principal	cluster well	232.79	282	5	91.0	257–277	none	--	--	--
18_BGMW19D	Shallow	cluster well	232.54	175	5	85.0	150–170	bladder pump	160	105.19	127.35
18_BGMW19E	Shallow	cluster well	232.91	143	4	85.5	98–138	none	--	--	--
18_DW135	Shallow	cluster well	268.90	135	4	110.8	115–135	bladder pump	125	131.33	137.57
18_DW250	Shallow	cluster well	268.82	254	4	114.2	215–250	bladder pump	233	130.33	138.49
18_DW350	Principal	cluster well	269.11	350	4	129.0	310–350	bladder pump	330*	132.33	136.78
18_DW450	Principal	cluster well	269.12	454	4	122.4	420–450	bladder pump	435*	132.33	136.79
18_DW540	Principal	cluster well	269.53	541	4	120.2	490–540	bladder pump	515*	132.33	137.20
18_IDP1	Principal	single	--			74.3		none	--	--	--

Table A-1 (continued)
Summary of Groundwater Monitoring Well Completion and Pump Installation, MCAS El Toro

Well ID	Well Completion Zone[1]	Well Type	Well TOC Elevation[2] (feet MSL)	Well Depth (feet bgs)	Casing Diameter (inch)	Depth to Water[3] (feet TOC)	Screen Interval (feet bgs)	Dedicated Pump (Sampling System)[4]	Depth of Pump Intake[5] (feet bgs)	Depth of WL Probe[6] (feet TOC)	WL Probe Elevation (feet MSL)
18_MCAS01-1	Shallow	multiport	140.13	MP well	4	NM	60–70	Westbay System	--	--	--
18_MCAS01-2	Shallow	multiport	140.13	MP well		NM	150–160	Westbay System	--	--	--
18_MCAS01-3	Shallow	multiport	140.13	MP well		NM	210–220	Westbay System	--	--	--
18_MCAS01-4	Principal	multiport	140.13	MP well		NM	270–280	Westbay System	--	--	--
18_MCAS01-5	Principal	multiport	140.13	MP well		NM	330–340	Westbay System	--	--	--
18_MCAS01-6	Principal	multiport	140.13	MP well		NM	450–460	Westbay System	--	--	--
18_MCAS01-7	Principal	multiport	140.13	MP well		NM	540–550	Westbay System	--	--	--
18_MCAS02-1	Shallow	multiport	160.60	MP well	4	NM	40–50	Westbay System	--	--	--
18_MCAS02-2	Shallow	multiport	160.60	MP well		NM	130–140	Westbay System	--	--	--
18_MCAS02-3	Shallow	multiport	160.60	MP well		NM	200–210	Westbay System	--	--	--
18_MCAS02-4	Principal	multiport	160.60	MP well		25.6	370–380	Westbay System	--	--	--
18_MCAS02-5	Principal	multiport	160.60	MP well		NM	420–430	Westbay System	--	--	--
18_MCAS02-6	Principal	multiport	160.60	MP well		NM	490–500	Westbay System	--	--	--
18_MCAS02-7	Principal	multiport	160.60	MP well		NM	550–560	Westbay System	--	--	--
18_MCAS02-8	Principal	multiport	160.60	MP well		NM	620–630	Westbay System	--	--	--
18_MCAS03-1	Shallow	multiport	216.22	MP well	4	NM	85–95	Westbay System	--	--	--
18_MCAS03-2	Shallow	multiport	216.22	MP well		NM	160–170	Westbay System	--	--	--
18_MCAS03-3	Shallow	multiport	216.22	MP well		NM	220–230	Westbay System	--	--	--
18_MCAS03-4	Principal	multiport	216.22	MP well		NM	340–350	Westbay System	--	--	--
18_MCAS03-5	Principal	multiport	216.22	MP well		NM	420–430	Westbay System	--	--	--
18_MCAS03-6	Principal	multiport	216.22	MP well		NM	490–500	Westbay System	--	--	--
18_MCAS04	Principal	single	144.54	275	4	NM	181–238	none	--	--	--
18_MCAS06	Principal	single	115.15	286	4	27.95	167–222	none	--	--	--
18_MCAS07-1	Shallow	multiport	101.19	MP well	4	22.05	90–100	Westbay System	--	--	--
18_MCAS07-2	Shallow	multiport	101.19	MP well		NM	190–200	Westbay System	--	--	--
18_MCAS07-3	Principal	multiport	101.19	MP well		NM	350–360	Westbay System	--	--	--

Table A-1 (continued)
Summary of Groundwater Monitoring Well Completion and Pump Installation, MCAS El Toro

Well ID	Well Completion Zone[1]	Well Type	Well TOC Elevation[2] (feet MSL)	Well Depth (feet bgs)	Casing Diameter (inch)	Depth to Water[3] (feet TOC)	Screen Interval (feet bgs)	Dedicated Pump (Sampling System)[4]	Depth of Pump Intake[5] (feet bgs)	Depth of WL Probe[6] (feet TOC)	WL Probe Elevation (feet MSL)
18_MCAS07-4	Principal	multiport	101.19	MP well		NM	440–450	Westbay System	--	--	--
18_MCAS07-5	Principal	multiport	101.19	MP well		NM	510–520	Westbay System	--	--	--
18_MCAS07-6	Principal	multiport	101.19	MP well		NM	800–810	Westbay System	--	--	--
18_MCAS07-7	Principal	multiport	101.19	MP well		NM	910–920	Westbay System	--	--	--
18_MCAS07-8	Principal	multiport	101.19	MP well		NM	980–990	Westbay System	--	--	--
18_MCAS07-9	Principal	multiport	101.19	MP well		NM	1,080–1,090	Westbay System	--	--	--
18_MCAS08	Principal	single	85.28	435	4	100.4	392–410	none	--	--	--
18_MCAS09	Principal	single	77.15	450	4	36.4	372-445	none	--	--	--
18_MCAS10	Principal	single	106.35	389	4	46.9	355–375	none	--	--	--
18_PS1	Shallow	single	247.99	122	4	81.3	102–122	bladder pump	112	102.33	145.66
18_PS2	Shallow	single	246.73	133	4	93.2	103–133	bladder pump	118	115.33	131.40
18_PS6	Shallow	single	269.09			105.6	106-126	bladder pump			
18_PS7	Shallow	single	260.00	127	4	82.7	106–126	bladder pump	110	100.33	159.67
19_DGMW86	Shallow	single	332.87	203	4	141.1	158–198	none	--	--	--
21_DGMW90	Shallow	single	255.35	140	4	84.9	95–135	bladder pump	115	106.33	149.02
22_DBMW47	Shallow	single	277.83	161	4	108.1	116–156	bladder pump	136	129.25	148.58
24EX2	Shallow	single	251.23			100.6		none	--	--	--
24EX3	Shallow	single	289.43			104.6		none	--	--	--
24EX4	Shallow	single	289.74			106.34		none	--	--	--
24EX3OB1	Shallow	single	288.84	155	4	104.4	105–150	bladder pump	127	125.33	163.51
24EX3OB2	Shallow	single	288.07	155	4	102.7	105–150	bladder pump	127	124.33	163.74
24EX3OB3	Shallow	single	288.18	180	4	102.7	170–175	bladder pump	175	122.00	166.18
24EX4OB2	Shallow	single	289.48	156	4	108.5	106–151	bladder pump	133	129.33	160.15
24EX5OB1	Shallow	single	283.19	155	4	102.3	105–150	bladder pump	127	123.33	159.86
24EX5OB2	Shallow	single	283.91	155	4	102.5	105–150	bladder pump	127	123.33	160.58
24EX6	Shallow	single	283.02			104.5		none	--	--	--

Table A-1 (continued)
Summary of Groundwater Monitoring Well Completion and Pump Installation, MCAS El Toro

Well ID	Well Completion Zone[1]	Well Type	Well TOC Elevation[2] (feet MSL)	Well Depth (feet bgs)	Casing Diameter (inch)	Depth to Water[3] (feet TOC)	Screen Interval (feet bgs)	Dedicated Pump (Sampling System)[4]	Depth of Pump Intake[5] (feet bgs)	Depth of WL Probe[6] (feet TOC)	WL Probe Elevation (feet MSL)
24EX6OB1	Shallow	single	283.19	156	4	104.3	106–151	bladder pump	128	125.33	157.86
24EX6OB2	Shallow	single	282.96	156	4	104.3	106–151	bladder pump	128	125.33	157.63
24EX6OB3	Shallow	single	283.07	225	4	104.8	218–223	bladder pump	223	124.33	158.74
24NEW1	Shallow	single	281.10	250	5	116.2	225–245	bladder pump	235	132.50	148.60
24NEW4	Shallow	single	281.80	154	4	103.7	108–148	bladder pump	128	125.33	156.47
24NEW5	Shallow	single	279.20	255	5	112.5	230–250	bladder pump	240	128.50	150.70
24NEW6	Shallow	single	265.60	190	5	79.3	165–185	bladder pump	175	99.56	166.04
24NEW7	Shallow	single	285.10	164	4	115.6	118–158	bladder pump	138	136.33	148.77
24NEW8	Shallow	single	291.50	168	4	118.9	122–162	bladder pump	142	140.33	151.17

Notes:

Information in this table was compiled from technical documents provided by other CLEAN II Subcontractors.

1 Distinguishes the wells/ports which monitor either the Shallow Groundwater Unit or Principal Aquifer.
2 Well elevations of top of casing (TOC) in feet above mean sea level (MSL); bgs = below ground surface.
3 Depth to water measurements below TOC from July-August 1999; rounded off to nearest 0.1 foot.
4 Wells without dedicated systems are sampled with temporary submersible pumps or disposable bailer (well 01MW101).
5 Pump intakes for bladder pumps placed at mid-point of well screen; asterisk * denotes drop-tube intake below pump installation; (--) denotes not applicable.
6 Bladder pumps are equipped with dedicated water level (WL) probes for measuring height of water column above probes; measurements subsequently converted to groundwater elevations.

– = Not Applicable

Table A-2
Summary of Groundwater Sample Analyses, Round 9 (January-February 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	$Iron^{+2}$ and $Iron^{+3}$ by SM 3500Fe-D	Radio-nuclides[a]	Perchlorate by CA. DHS Method CLO4.Meth
02_DGMW59	27-Jan-99	BP		X	X	X	X	X	X	X	X	X	
02_DGMW60	25-Jan-99	BP		X	X	X	X	X	X	X	X	X	
02_DGMW61	25-Jan-99	BP		X	X	X	X	X	X	X	X	X	
02_UGMW25	1-Feb-99	BP		X	X	X	X	X	X	X	X	X	
02NEW11	21-Jan-99	BP		X	X	X	X	X	X	X	X	X	
02NEW15	1-Feb-99	BP		X	X	X	X	X	X	X	X	X	
02NEW16	27-Jan-99	BP		X	X	X	X	X	X	X	X	X	
02NEW2	27-Jan-99	BP		X	X	X	X	X	X	X	X	X	
02NEW8A	27-Jan-99	BP		X	X	X	X	X	X	X	X	X	
03_DGMW64	2-Feb-99	BP		X					X	X		X	
03_DGMW65X	29-Jan-99	BP		X					X	X		X	
03_UGMW26	3-Feb-99	BP		X					X	X		X	
04_DBMW40	4-Feb-99	BP		X					X	X		X	
04_DGMW66	4-Feb-99	BP		X					X	X		X	
04_UGMW63	4-Feb-99	BP		X					X	X		X	
05_DBMW41	3-Feb-99	BP		X					X	X		X	
05_DGMW67	22-Jan-99	BP		X					X	X		X	
05_DGMW68	2-Feb-99	BP		X					X	X		X	
05_UGMW27	22-Jan-99	BP		X					X	X		X	
05NEW1	2-Feb-99	BP		X					X	X		X	
17_DGMW82	29-Jan-99	BP		X					X	X			
17NEW1	22-Jan-99	BP		X					X	X			
17NEW2	29-Jan-99	BP		X					X	X			

Notes:

Information in this table was compiled from technical documents provided by other CLEAN II Subcontractors.

(a) Radionuclide analyses include gross alpha/beta by U.S. EPA Method 900, total radium and radium-226 by U.S. EPA Method 903.0, radium-228 by U.S. EPA Method 904.0, and total uranium by U.S. EPA Method 908.

CA = California
CLP = Contract Laboratory Program
BP = Bladder Pump
DHS = Department of Health Services
EPA = Environmental Protection Agency
LC = Low Concentration
TP = Temporary Pump
SM = Standard Methods
VOC = volatile organic compound
TOC = total organic carbon

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Table A-3
Summary of 1999 Groundwater Sample Analyses, Round 10 (April-May 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	Iron+2 and Iron+3 by SM 3500Fe-D	Radio-nuclides[a]	Perchlorate by CA. DHS Method CLO4.Meth
01_DGMW57	20-May-99	TP											X
01_DGMW58	19-May-99	TP											X
01MW101	19-May-99	DB [b]											X
01MW102	19-May-99	TP											X
01MW201	19-May-99	TP											X
02_DGMW59	3-May-99	BP		X	X	X	X	X	X	X	X	X	X
02_DGMW60	3-May-99	BP		X	X	X	X	X	X	X	X	X	X
02_DGMW61	27-Apr-99	BP		X	X	X	X	X	X	X	X	X	X
02_UGMW25	29-Apr-99	BP		X	X	X	X	X	X	X	X	X	X
02NEW11	26-Apr-99	BP		X	X	X	X	X	X	X	X	X	X
02NEW15	26-Apr-99	BP		X	X	X	X	X	X	X	X	X	X
02NEW16	4-May-99	BP		X	X	X	X	X	X	X	X	X	X
02NEW2	4-May-99	BP		X	X	X	X	X	X	X	X	X	X
02NEW8A	27-Apr-99	BP		X	X	X	X	X	X	X	X	X	X
03_DGMW64	6-May-99	BP		X					X	X		X	X
03_DGMW65X	6-May-99	BP		X					X	X		X	X
03_UGMW26	5-May-99	BP		X					X	X		X	X
04_DBMW40	7-May-99	BP		X					X	X		X	X
04_DGMW66	11-May-99	BP		X					X	X		X	X
04_UGMW63	5-May-99	BP		X					X	X		X	X
05_DBMW41	10-May-99	BP		X					X	X		X	X
05_DGMW67	10-May-99	BP		X					X	X		X	X
05_DGMW68	13-May-99	BP		X					X	X		X	X
05_UGMW27	10-May-99	BP		X					X	X		X	X
05NEW1	14-May-99	BP		X					X	X		X	X
07_DBMW100	17-May-99	BP											X
09_DGMW75	17-May-99	BP											X
12_UGMW31	21-May-99	TP											X
16_DBMW52	18-May-99	TP											X
17_DGMW82	30-Apr-99	BP		X					X	X			X
17NEW1	30-Apr-99	BP		X					X	X			X
17NEW2	30-Apr-99	BP		X					X	X			X
18_BGMP06D	21-Apr-99	W-MX											X

Table A-3 (continued)
Summary of 1998 Groundwater Sample Analyses, Round 10 (April-May 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	Iron^{+2} and Iron^{+3} by SM 3500Fe-D	Radio-nuclides[a]	Perchlorate by CA. DHS Method CLO4.Meth
18_BGMW101	18-May-99	BP											X
18_DW135	18-May-99	BP											X
18_IDP1	21-May-99	TP											X
18_MCAS01-5	20-Apr-99	W-MX											X
18_MCAS02-4	19-Apr-99	W-MX											X
18_MCAS03-2	19-Apr-99	W-MX											X
18_PS6	21-May-99	TP											X
19_DGMW86	20-May-99	TP											X
21_DGMW90	17-May-99	BP											X
24EX2	21-May-99	TP											X
24EX3	20-May-99	TP	X										X
24EX6	20-May-99	TP	X										X
24NEW4	17-May-99	BP											X

Notes:

Information in this table was compiled from technical documents provided by other CLEAN II Subcontractors.

(a) Radionuclide analyses include gross alpha/beta by U.S. EPA Method 900, total radium and radium-226 by U.S. EPA Method 903.0, radium-228 by U.S. EPA Method 904.0, and total uranium by U.S. EPA Method 908.

(b) This well was sampled with a DB after being purged using a temporary electric submersible pump.

CA = California
CLP = Contract Laboratory Program
DB = Disposable Bailer
DHS = Department of Health Services
EPA = Environmental Protection Agency
LC = Low Concentration
SM = Standard Methods
TDS = total dissolved solids
TOC = total organic carbon
TP = Temporary Pump
VOC = volatile organic compound
W-MX = Westbay MOSDAX

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Table A-4
Summary of Groundwater Sample Analyses, Round 11 (July-August 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	$Iron^{+2}$ and $Iron^{+3}$ by SM 3500Fe-D	Radio-nuclides(a)	Methane Gas by U.S. EPA RSK 175 Method	Perchlorate by CA. DHS Method CLO4.Meth
01_DGMW57	27-Jul-99	TP	X											X
01_DGMW58	6-Aug-99	TP	X											X
01MW101	6-Aug-99	DB (b)	X											X
01MW102	28-Jul-99	TP	X											X
01MW201	28-Jul-99	TP	X											X
02_DGMW59	21-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02_DGMW60	22-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02_DGMW61	19-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02_UGMW25	15-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02NEW11	15-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02NEW15	19-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02NEW16	21-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02NEW2	20-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
02NEW8A	20-Jul-99	BP		X	X	X	X	X	X	X	X	X	X	X
03_DGMW64	26-Jul-99	BP		X					X	X		X		X
03_DGMW65X	26-Jul-99	BP		X					X	X		X		X
03_UGMW26	22-Jul-99	BP		X					X	X		X		X
04_DBMW40	26-Jul-99	BP		X					X	X		X		X
04_DGMW66	23-Jul-99	BP		X					X	X		X		X
04_UGMW63	26-Jul-99	BP		X					X	X		X		X
05_DBMW41	22-Jul-99	BP		X					X	X		X		X
05_DGMW67	21-Jul-99	BP		X					X	X		X		X
05_DGMW68	22-Jul-99	BP		X					X	X		X		X
05_UGMW27	21-Jul-99	BP		X					X	X		X		X
05NEW1	23-Jul-99	BP		X					X	X		X		X
07_DBMW100	27-Jul-99	BP	X											X
07_DBMW43	30-Jul-99	BP	X											
08_DGMW74	28-Jul-99	BP	X											
08_UGMW29	28-Jul-99	BP	X											
09_DBMW45	27-Jul-99	BP	X											
09_DGMW75	27-Jul-99	BP												X
12_UGMW31	29-Jul-99	TP												X
13_DGMW78	28-Jul-99	BP		X										

Table A-4 (continued)
Summary of Groundwater Sample Analyses, Round 11 (July-August 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	Iron^{+2} and Iron^{+3} by SM 3500Fe-D	Radio-nuclides(a)	Methane Gas by U.S. EPA RSK 175 Method	Perchlorate by CA. DHS Method CLO4.Meth
15_DBMW51	29-Jul-99	BP	X											
16_DBMW52	14-Jul-99	TP												X
17_DGMW82	16-jul-99	BP		X					X	X				X
17NEW1	16-jul-99	BP		X					X	X				X
17NEW2	16-jul-99	BP		X					X	X				X
18_BGMP06B	16-jul-99	W-MX	X											
18_BGMP06C	16-jul-99	W-MX	X											
18_BGMP06D	16-jul-99	W-MX	X											X
18_BGMP06E	16-jul-99	W-MX	X											
18_BGMP10C	20-Jul-99	W-MX	X											
18_BGMP10D	20-Jul-99	W-MX	X											
18_BGMP10E	20-Jul-99	W-MX	X											
18_BGMP10F	20-Jul-99	W-MX	X											
18_BGMW03C	2-Aug-99	BP	X											
18_BGMW03E	2-Aug-99	BP	X											
18_BGMW04A	2-Aug-99	BP	X											
18_BGMW04B	2-Aug-99	BP	X											
18_BGMW05A	2-Aug-99	TP	X											
18_BGMW05C	2-Aug-99	BP	X											
18_BGMW05D	2-Aug-99	BP	X											X
18_BGMW101	27-Jul-99	BP	X											
18_BGMW14	30-Jul-99	BP	X											
18_BGMW16 (c)	29-Jul-99	BP				X	X	X	X					
18_BGMW18 (c)	29-Jul-99	BP				X	X	X	X					
18_BGMW19D	29-Jul-99	BP	X											
18_DW135	27-Jul-99	BP	X											X
18_DW250	30-Jul-99	BP	X											
18_DW350	30-Jul-99	BP	X											
18_DW450	30-Jul-99	BP	X											
18_DW540	30-Jul-99	BP	X											
18_IDP1	29-Jul-99	TP												X
18_MCAS01-2	14-Jul-99	W-MX	X											
18_MCAS01-3	14-Jul-99	W-MX	X											

Table A-4 (continued)
Summary of Groundwater Sample Analyses, Round 11 (July-August 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	Iron^{+2} and Iron^{+3} by SM 3500Fe-D	Radio-nuclides(a)	Methane Gas by U.S. EPA RSK 175 Method	Perchlorate by CA. DHS Method CLO4.Meth
18_MCAS01-4	14-Jul-99	W-MX	X											
18_MCAS01-5	14-Jul-99	W-MX	X											X
18_MCAS01-6	14-Jul-99	W-MX	X											
18_MCAS01-7	14-Jul-99	W-MX	X											
18_MCAS02-1	13-Jul-99	W-MX	X											
18_MCAS02-2	13-Jul-99	W-MX	X											
18_MCAS02-3	13-Jul-99	W-MX	X											
18_MCAS02-4	13-Jul-99	W-MX	X											X
18_MCAS02-5	13-Jul-99	W-MX	X											
18_MCAS02-6	13-Jul-99	W-MX	X											
18_MCAS03-1	13-Jul-99	W-MX	X											
18_MCAS03-2	13-Jul-99	W-MX												X
18_MCAS03-3	12-Jul-99	W-MX	X											
18_MCAS04	5-Aug-99	TP	X											
18_MCAS06	6-Aug-99	TP	X											
18_MCAS08	4-Aug-99	TP	X											
18_MCAS09	6-Aug-99	TP	X											
18_MCAS10	5-Aug-99	TP	X											
18_MCAS07-2	15-Jul-99	W-MX	X											
18_MCAS07-3	15-Jul-99	W-MX	X											
18_MCAS07-4	15-Jul-99	W-MX	X											
18_MCAS07-5	15-Jul-99	W-MX	X											
18_MCAS07-6	15-Jul-99	W-MX	X											
18_MCAS07-7	15-Jul-99	W-MX	X											
18_PS1	2-Aug-99	BP	X											
18_PS2	29-Jul-99	BP	X											
18_PS6	29-Jul-99	TP												X
18_PS7	28-Jul-99	BP	X											
19_DGMW86	14-Jul-99	TP												X
21_DGMW90	28-Jul-99	BP	X											X
22_DBMW47	3-Aug-99	BP	X											
24EX2	29-Jul-99	TP												X
24EX3	28-Jul-99	TP	X											X

Table A-4 (continued)
Summary of Groundwater Sample Analyses, Round 11 (July-August 1999), MCAS El Toro

Well ID	Sample Date	Sampling Method	VOCs by U.S. EPA CLP LC Method	VOCs by U.S. EPA Method 8260B	TOC by U.S. EPA Method 415	Alkalinity by U.S. EPA Method 310.1	Chloride by U.S. EPA Method 300	Nitrate-Nitrite by U.S. EPA Method 300	Sulfate by U.S. EPA Method 375/300	Sulfide by U.S. EPA Method 376	Iron^{+2} and Iron^{+3} by SM 3500Fe-D	Radio-nuclides(a)	Methane Gas by U.S. EPA RSK 175 Method	Perchlorate by CA. DHS Method CLO4.Meth
24EX3OB1	4-Aug-99	BP	X											
24EX3OB2	4-Aug-99	BP	X											
24EX3OB3	4-Aug-99	BP	X											
24EX4OB2	5-Aug-99	BP	X											
24EX5OB1	4-Aug-99	BP	X											
24EX5OB2	4-Aug-99	BP	X											
24EX6	28-Jul-99	TP	X											X
24EX6OB1	5-Aug-99	BP	X											
24EX6OB2	5-Aug-99	BP	X											
24EX6OB3	5-Aug-99	BP	X											
24NEW1	3-Aug-99	BP	X											
24NEW4	27-Jul-99	BP	X											X
24NEW5	3-Aug-99	BP	X											
24NEW6	5-Aug-99	BP	X											
24NEW7	30-Jul-99	BP	X											
24NEW8	30-Jul-99	BP	X											

Notes:

Information in this table was compiled from technical documents provided by other CLEAN II Subcontractors.

(a) Radionuclide analyses include gross alpha/beta by U.S. EPA Method 900, total radium and radium-226 by U.S. EPA Method 903.0, radium-228 by U.S. EPA Method 904.0, and total uranium by U.S. EPA Method 908.
(b) This well was sampled with a DB after being purged using a temporary electric submersible pump.
(c) These samples were additionally analyzed for Total Dissolved Solids by US EPA Method 160.1.

CA = California
CLP = Contract Laboratory Program
DB = Disposable Bailer
DHS = Department of Health Services
EPA = Environmental Protection Agency
LC = Low Concentration
MTBE = methyl-tert-butyl ether
SM = Standard Methods
TDS = total dissolved solids
TOC = total organic carbon
TP = Temporary Pump
VOC = volatile organic compound
W-MX = Westbay MOSDAX

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Appendix B

Water Level Measurements and Groundwater Elevation Database

Table B-1
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
01_DGMW57	BPa	63–83	Shallow	631.17	04-Apr-99	47.11	584.06	
				631.17	12-Jul-99	47.89	583.28	-0.78
01_DGMW58	BP	55–77	Shallow	522.74	04-Apr-99	39.25	583.49	
01MW101	BP	118–148	Shallow	750.82	04-Apr-99	60.22	690.60	
				750.85	12-Jul-99	60.95	689.87	-0.73
01MW102	BP	95–135	Shallow	758.13	04-Apr-99	103.71	654.42	
				758.13	12-Jul-99	103.88	654.25	-0.17
01MW201	BP	27–57	Shallow	665.99	04-Apr-99	36.03	629.96	
02_DGMW59	BP	69–89	Shallow	506.91	12-Jan-96	50.95	455.96	
				506.91	06-Feb-96	51.22	455.69	-0.27
				506.91	28-Feb-96	48.75	458.16	2.47
				506.91	27-Mar-96	48.66	458.25	0.09
				506.91	30-Oct-96	53.28	453.63	-4.62
				506.91	26-Nov-96	51.58	455.33	1.70
				506.91	26-Dec-96	48.46	458.45	3.12
				506.91	23-Jan-97	44.96	461.95	3.50
				506.91	28-Feb-97	43.10	463.81	1.86
				506.91	27-Mar-97	46.20	460.71	-3.10
				506.91	27-Jun-97	50.50	456.41	-4.30
				506.91	11-Aug-97	51.96	454.95	-1.46
				506.91	24-Sep-97	52.54	454.37	-0.58
				506.91	06-Nov-97	53.50	453.41	-0.96
				506.91	09-Nov-98	52.01	454.90	1.49

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				506.91	19-Jan-99	53.63	453.28	-1.62
				506.91	22-Apr-99	53.93	452.98	-0.30
				506.91	12-Jul-99	56.03	450.88	-2.10
02_DGMW60	BP	80–100	Shallow	499.28	12-Jan-96	63.74	435.54	
				499.28	06-Feb-96	63.32	435.96	0.42
				499.28	28-Feb-96	56.27	443.01	7.05
				499.28	27-Mar-96	60.22	439.06	-3.95
				499.28	30-Oct-96	65.26	434.02	-5.04
				499.28	26-Nov-96	56.96	442.32	8.30
				499.28	26-Dec-96	59.88	439.40	-2.92
				499.28	23-Jan-97	55.82	443.46	4.06
				499.28	26-Feb-97	57.86	441.42	-2.04
				499.28	27-Mar-97	59.46	439.82	-1.60
				499.28	27-Jun-97	63.29	435.99	-3.83
				499.28	11-Aug-97	64.54	434.74	-1.25
				499.28	24-Sep-97	64.95	434.33	-0.41
				499.28	06-Nov-97	65.74	433.54	-0.79
				499.28	09-Nov-98	59.26	440.02	6.48
				499.28	19-Jan-99	60.59	438.69	-1.33
				499.28	22-Apr-99	60.66	438.62	-0.07
				499.28	12-Jul-99	62.59	436.69	-1.93
02_DGMW61	BP	80–100	Shallow	514.85	12-Jan-96	41.59	473.26	
				514.85	08-Feb-96	41.78	473.07	-0.19

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				514.85	28-Feb-96	40.15	474.70	1.63
				514.85	27-Mar-96	39.70	475.15	0.45
				514.85	30-Oct-96	44.02	470.83	-4.32
				514.85	26-Nov-96	43.24	471.61	0.78
				514.85	26-Dec-96	40.60	474.25	2.64
				514.85	23-Jan-97	37.66	477.19	2.94
				514.85	26-Feb-97	36.04	478.81	1.62
				514.85	27-Mar-97	38.02	476.83	-1.98
				514.85	27-Jun-97	42.16	472.69	-4.14
				514.85	11-Aug-97	43.34	471.51	-1.18
				514.85	24-Sep-97	44.00	470.85	-0.66
				514.85	06-Nov-97	44.94	469.91	-0.94
				514.85	09-Nov-98	40.32	474.53	4.62
				514.85	19-Jan-99	41.71	473.14	-1.39
				514.85	22-Apr-99	42.07	472.78	-0.36
				514.85	12-Jul-99	44.15	470.70	-2.08
02NEW2	BP	75–95	Shallow	494.68	30-Oct-96	65.83	428.85	
				494.68	26-Nov-96	66.88	427.80	-1.05
				494.68	26-Dec-96	64.58	430.10	2.30
				494.68	23-Jan-97	61.78	432.90	2.80
				494.68	28-Feb-97	60.00	434.68	1.78
				494.68	27-Mar-97	61.98	432.70	-1.98
				494.68	27-Jun-97	65.57	429.11	-3.59

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				494.68	11-Aug-97	66.58	428.10	-1.01
				494.68	24-Sep-97	67.00	427.68	-0.42
				494.68	06-Nov-97	67.84	426.84	-0.84
				494.68	09-Nov-98	61.74	432.94	6.10
				494.68	19-Jan-99	63.01	431.67	-1.27
				494.68	22-Apr-99	63.54	431.14	-0.53
				494.68	12-Jul-99	64.03	430.65	-0.95
02NEW8A	BP	84–104	Shallow	512.88	30-Oct-96	47.22	465.66	
				512.88	26-Nov-96	46.96	465.92	0.26
				512.88	26-Dec-96	45.03	467.85	1.93
				512.88	23-Jan-97	42.65	470.23	2.38
				512.88	26-Feb-97	40.78	472.10	1.87
				512.88	27-Mar-97	41.78	471.10	-1.00
				512.88	27-Jun-97	45.12	467.76	-3.34
				512.88	11-Aug-97	48.14	464.74	-3.02
				512.88	24-Sep-97	46.64	466.24	1.50
				512.88	06-Nov-97	47.52	465.36	-0.88
				512.88	09-Nov-98	39.58	473.30	7.94
				512.88	19-Jan-99	40.92	471.96	-1.34
				512.88	22-Apr-99	41.47	471.41	-0.55
				512.88	12-Jul-99	43.03	469.85	-1.56
02NEW11	BP	45–65	Shallow	533.85	30-Oct-96	27.34	506.51	
				533.85	26-Nov-96	27.92	505.93	-0.58

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				533.85	27-Dec-96	26.75	507.10	1.17
				533.85	23-Jan-97	26.00	507.85	0.75
				533.85	26-Feb-97	23.78	510.07	2.22
				533.85	27-Mar-97	23.62	510.23	0.16
				533.85	27-Jun-97	25.78	508.07	-2.16
				533.85	11-Aug-97	27.16	506.69	-1.38
				533.85	24-Sep-97	28.21	505.64	-1.05
				533.85	06-Nov-97	29.50	504.35	-1.29
				533.85	09-Nov-98	18.31	515.54	11.19
				533.85	21-Jan-99	20.03	513.82	-1.72
				533.85	22-Apr-99	21.11	512.74	-0.06
				533.85	12-Jul-99	23.07	510.78	-1.96
02NEW15	BP	25-65	Shallow	502.63	09-Nov-98	22.51	480.12	
				502.63	19-Jan-99	23.62	478.71	-1.41
				502.63	22-Apr-99	24.02	478.31	-0.40
				502.63	12-Jul-99	26.21	476.12	-1.19
02NEW16	BP	25-65	Shallow	491.78	09-Nov-98	35.72	456.06	
				491.78	19-Jan-99	37.11	454.67	-1.39
				491.78	22-Apr-99	37.31	454.47	-0.20
				491.78	12-Jul-99	39.43	452.35	-2.12
02_UGMW25	BP	55–75	Shallow	546.36	12-Jan-96	30.89	515.47	
				546.36	07-Feb-96	30.72	515.64	0.17
				546.36	28-Feb-96	29.60	516.76	1.12

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				546.36	27-Mar-96	29.25	517.11	0.35
				546.36	30-Oct-96	36.32	510.04	-7.07
				546.36	26-Nov-96	36.40	509.96	-0.08
				546.36	26-Dec-96	35.52	510.84	0.88
				546.36	23-Jan-97	33.80	512.56	1.72
				546.36	26-Feb-97	31.62	514.74	2.18
				546.36	27-Mar-97	31.64	514.72	-0.02
				546.36	27-Jun-97	34.50	511.86	-2.86
				546.36	11-Aug-97	36.08	510.28	-1.58
				546.36	24-Sep-97	37.35	509.01	-1.27
				546.36	06-Nov-97	38.68	507.68	-1.33
				546.36	09-Nov-98	26.23	520.13	12.45
				546.36	19-Jan-99	27.81	518.55	-1.58
				546.36	22-Apr-99	28.55	517.81	-0.74
				546.36	12-Jul-99	31.42	514.94	-2.87
03_DGMW64	BP	245–285	Shallow	418.28	11-Jan-96	231.49	186.79	
				418.28	26-Feb-96	230.46	187.82	1.03
				418.28	27-Mar-96	229.85	188.43	0.61
				418.28	31-Oct-96	229.35	188.93	0.50
				418.28	26-Nov-96	230.25	188.03	-0.90
				418.28	27-Dec-96	229.10	189.18	1.15
				418.28	24-Jan-97	228.13	190.15	0.97
				418.28	26-Feb-97	226.76	191.52	1.37

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				418.28	27-Mar-97	227.00	191.28	-0.24
				•418.28	26-Jun-97	227.50	190.78	-0.50
				418.28	11-Aug-97	227.96	190.32	-0.46
				418.28	24-Sep-97	227.11	191.17	0.85
				418.28	05-Nov-97	226.50	191.78	0.61
				418.28	09-Nov-98	221.08	197.20	5.42
				418.28	20-Jan-99	218.72	199.56	2.36
				418.28	22-Apr-99	218.43	199.85	0.29
				418.28	09-Jul-99	218.71	199.57	-0.28
03_DGMW65X	BP	230–270	Shallow	411.90	11-Jan-96	223.57	188.33	
				411.90	26-Feb-96	222.70	189.20	0.87
				411.90	27-Mar-96	222.12	189.78	0.58
				411.90	31-Oct-96	221.58	190.32	0.54
				411.90	26-Nov-96	221.24	190.66	0.34
				411.90	26-Dec-96	220.71	191.19	0.53
				411.90	24-Jan-97	220.44	191.46	0.27
				411.90	26-Feb-97	219.10	192.80	1.34
				411.90	27-Mar-97	219.26	192.64	-0.16
				411.90	26-Jun-97	221.50	190.40	-2.24
				411.90	11-Aug-97	220.20	191.70	1.30
				411.90	24-Sep-97	219.47	192.43	0.73
				411.90	05-Nov-97	219.04	192.86	0.43
				411.90	09-Nov-98	212.43	199.47	6.61

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				411.90	19-Jan-99	211.31	200.59	1.12
				411.90	22-Apr-99	210.32	201.58	0.99
				411.90	09-Jul-99	210.43	201.47	-0.11
03_UGMW26	BP	230–270	Shallow	420.05	11-Jan-96	220.49	199.56	
				420.05	26-Feb-96	219.68	200.37	0.81
				420.05	27-Feb-96	219.68	200.37	0.00
				420.05	27-Mar-96	219.11	200.94	0.57
				420.05	31-Oct-96	217.40	202.65	1.71
				420.05	26-Nov-96	217.24	202.81	0.16
				420.05	26-Dec-96	216.76	203.29	0.48
				420.05	23-Jan-97	216.44	203.61	0.32
				420.05	26-Feb-97	215.40	204.65	1.04
				420.05	27-Mar-97	215.54	204.51	-0.14
				420.05	26-Jun-97	215.90	204.15	-0.36
				420.05	11-Aug-97	215.66	204.39	0.24
				420.05	24-Sep-97	214.60	205.45	1.06
				420.05	05-Nov-97	214.23	205.82	0.37
				420.05	09-Nov-98	207.74	212.31	6.49
				420.05	19-Jan-99	206.53	213.52	1.21
				420.05	22-Apr-99	205.26	214.49	0.97
				420.05	12-Jul-99	205.18	214.87	0.38
04_DBMW40	BP	220–260	Shallow	400.04	11-Jan-96	212.07	187.97	
				400.04	26-Feb-96	211.14	188.90	0.93

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				400.04	27-Mar-96	210.66	189.38	0.48
				400.04	31-Oct-96	210.11	189.93	0.55
				400.04	26-Nov-96	209.58	190.46	0.53
				400.04	26-Dec-96	209.08	190.96	0.50
				400.04	24-Jan-97	208.92	191.12	0.16
				400.04	27-Feb-97	208.95	191.09	-0.03
				400.04	27-Mar-97	208.12	191.92	0.83
				400.04	26-Jun-97	207.25	192.79	0.87
				400.04	11-Aug-97	208.90	191.14	-1.65
				400.04	24-Sep-97	208.11	191.93	0.79
				400.04	06-Nov-97	207.44	192.60	0.67
				400.04	09-Nov-98	201.15	198.89	6.29
				400.04	19-Jan-99	200.22	199.82	0.93
				400.04	22-Apr-99	199.08	200.96	1.14
				400.04	09-Jul-99	199.54	200.50	-0.46
04_DGMW66	BP	250–290	Shallow	401.10	11-Jan-96	212.93	188.17	
				401.10	26-Feb-96	211.91	189.19	1.02
				401.10	27-Mar-96	211.42	189.68	0.49
				401.10	31-Oct-96	211.64	189.46	-0.22
				401.10	26-Nov-96	210.76	190.34	0.88
				401.10	26-Dec-96	210.12	190.98	0.64
				401.10	24-Jan-97	209.82	191.28	0.30
				401.10	27-Feb-97	210.25	190.85	-0.43

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				401.10	27-Mar-97	209.26	191.84	0.99
				401.10	26-Jun-97	208.10	193.00	1.16
				401.10	11-Aug-97	210.26	190.84	-2.16
				401.10	25-Sep-97	209.49	191.61	0.77
				401.10	05-Nov-97	204.43	196.67	5.06
				401.10	09-Nov-98	201.93	199.17	2.50
				401.10	19-Jan-99	201.13	199.97	0.80
				401.10	22-Apr-99	200.09	201.01	0.04
				401.10	09-Jul-99	200.72	200.38	-0.63
04_UGMW63	BP	235–275	Shallow	404.11	11-Jan-96	212.50	191.61	
				404.11	30-Jan-96	212.31	191.80	0.19
				404.11	28-Feb-96	211.72	192.39	0.59
				404.11	27-Mar-96	211.22	192.89	0.50
				404.11	31-Oct-96	210.14	193.97	1.08
				404.11	26-Nov-96	209.82	194.29	0.32
				404.11	26-Dec-96	209.30	194.81	0.52
				404.11	24-Jan-97	209.16	194.95	0.14
				404.11	26-Feb-97	207.80	196.31	1.36
				404.11	27-Mar-97	207.80	196.31	0.00
				404.11	26-Jun-97	208.67	195.44	-0.87
				404.11	11-Aug-97	208.64	195.47	0.03
				404.11	25-Sep-97	207.75	196.36	0.89
				404.11	05-Nov-97	207.38	196.73	0.37

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				404.11	09-Nov-98	200.32	203.79	7.06
				404.11	19-Jan-99	199.07	205.04	1.25
				404.11	22-Apr-99	197.96	206.15	1.11
				404.11	09-Jul-99	198.21	205.90	-0.25
05_DBMW41	BP	182–222	Shallow	425.00	12-Jan-96	163.12	261.88	
				425.00	07-Feb-96	162.82	262.18	0.30
				425.00	28-Feb-96	162.82	262.18	0.00
				425.00	27-Mar-96	162.45	262.55	0.37
				425.00	31-Oct-96	161.60	263.40	0.85
				425.00	26-Nov-96	161.16	263.84	0.44
				425.00	26-Dec-96	161.12	263.88	0.04
				425.00	24-Jan-97	161.16	263.84	-0.04
				425.00	27-Feb-97	159.81	265.19	1.35
				425.00	27-Mar-97	159.86	265.14	-0.05
				425.00	26-Jun-97	159.56	265.44	0.30
				425.00	11-Aug-97	159.72	265.28	-0.16
				425.00	25-Sep-97	159.24	265.76	0.48
				425.00	06-Nov-97	159.52	265.48	-0.28
				425.00	09-Nov-98	153.72	271.28	5.80
				424.00	19-Jan-99	153.45	271.32	0.04
				424.00	22-Apr-99	153.02	271.75	0.43
				424.00	12-Jul-99	153.21	271.56	-0.19
05_DGMW67	BP	187–227	Shallow	429.00	12-Jan-96	166.52	262.48	

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				429.00	09-Feb-96	166.26	262.74	0.26
				429.00	27-Feb-96	166.19	262.81	0.07
				429.00	27-Mar-96	165.85	263.15	0.34
				429.00	31-Oct-96	165.34	263.66	0.51
				429.00	26-Nov-96	164.80	264.20	0.54
				429.00	26-Dec-96	164.68	264.32	0.12
				429.00	24-Jan-97	164.66	264.34	0.02
				429.00	27-Feb-97	163.20	265.80	1.46
				429.00	27-Mar-97	163.28	265.72	-0.08
				429.00	26-Jun-97	163.20	265.80	0.08
				429.00	11-Aug-97	163.30	265.70	-0.10
				429.00	25-Sep-97	162.80	266.20	0.50
				429.00	07-Nov-97	163.12	265.88	-0.32
				429.00	09-Nov-98	157.86	271.14	5.26
				428.56	19-Jan-99	157.43	271.13	-0.01
				428.56	22-Apr-99	157.09	271.47	0.34
				428.56	12-Jul-99	157.29	271.27	-0.20
05_DGMW68	BP	190–210	Shallow	417.00	12-Jan-96	168.71	248.29	
				417.00	26-Feb-96	168.11	248.89	0.60
				417.00	27-Feb-96	168.11	248.89	0.00
				417.00	27-Mar-96	167.79	249.21	0.32
				417.00	31-Oct-96	166.28	250.72	1.51
				417.00	26-Nov-96	165.68	251.32	0.60

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				417.00	26-Dec-96	165.52	251.48	0.16
				417.00	24-Jan-97	161.51	255.49	4.01
				417.00	27-Feb-97	165.40	251.60	-3.89
				417.00	27-Mar-97	164.82	252.18	0.58
				417.00	26-Jun-97	164.34	252.66	0.48
				417.00	11-Aug-97	164.22	252.78	0.12
				417.00	25-Sep-97	163.47	253.53	0.75
				417.00	06-Nov-97	163.65	253.35	-0.18
				417.00	09-Nov-98	158.84	258.16	4.81
				416.95	19-Jan-99	158.08	258.87	0.71
				416.95	22-Apr-99	157.07	259.88	1.01
				416.95	12-Jul-99	156.95	260.00	0.12
05NEW1	BP	163–203	Shallow	407.77	31-Oct-96	164.04	243.73	
				407.77	26-Nov-96	163.36	244.41	0.68
				407.77	26-Dec-96	162.98	244.79	0.38
				407.77	27-Feb-97	162.05	245.72	0.93
				407.77	27-Mar-97	162.41	245.36	-0.36
				407.77	26-Jun-97	162.23	245.54	0.18
				407.77	11-Aug-97	161.96	245.81	0.27
				407.77	25-Sep-97	160.93	246.84	1.03
				407.77	06-Nov-97	161.08	246.69	-0.15
				407.77	09-Nov-98	158.33	249.44	2.75
				407.77	19-Jan-99	157.50	250.27	0.83

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				407.77	22-Apr-99	156.33	251.44	1.17
				407.77	12-Jul-99	156.15	251.62	0.18
05_UGMW27	BP	198–238	Shallow	438.00	11-Jan-96	169.84	268.16	
				438.00	29-Jan-96	169.72	268.28	0.12
				438.00	28-Feb-96	169.70	268.30	0.02
				438.00	27-Mar-96	169.32	268.68	0.38
				438.00	31-Oct-96	168.92	269.08	0.40
				438.00	26-Nov-96	168.40	269.60	0.52
				438.00	26-Dec-96	168.34	269.66	0.06
				438.00	23-Jan-97	168.26	269.74	0.08
				438.00	27-Feb-97	166.85	271.15	1.41
				438.00	27-Mar-97	166.62	271.38	0.23
				438.00	27-Jun-97	166.64	271.36	-0.02
				438.00	11-Aug-97	166.98	271.02	-0.34
				438.00	24-Sep-97	166.57	271.43	0.41
				438.00	06-Nov-97	166.92	271.08	-0.35
				438.00	09-Nov-98	160.78	277.22	6.14
				438.00	19-Jan-99	160.85	277.01	-0.21
				438.00	22-Apr-99	160.58	277.28	0.27
				438.00	09-Jul-99	161.11	276.75	-0.53
07_DBMW100	BP	131–171	Shallow	286.44	11-Jan-96	104.60	181.84	
				286.44	31-Jan-96	104.58	181.86	0.02
				286.44	27-Feb-96	104.52	181.92	0.06

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				286.44	31-Oct-96	104.28	182.16	0.24
				286.44	26-Nov-96	103.60	182.84	0.68
				286.44	27-Dec-96	102.90	183.54	0.70
				286.44	26-Feb-97	103.36	183.08	-0.46
				286.44	27-Mar-97	102.63	183.81	0.73
				286.44	26-Jun-97	103.36	183.08	-0.73
				286.44	12-Aug-97	103.26	183.18	0.10
				286.44	25-Sep-97	103.12	183.32	0.14
				286.44	07-Nov-97	103.20	183.24	-0.08
				286.44	10-Nov-98	99.68	186.76	3.52
				286.44	19-Jan-99	99.19	187.25	0.49
				286.44	22-Apr-99	98.43	188.01	0.76
				286.44	09-Jul-99	98.57	187.87	-0.14
07_DBMW43	BP	150–190	Shallow	292.56	12-Jan-96	113.01	179.55	
				292.56	19-Feb-96	112.55	180.01	0.46
				292.56	27-Feb-96	111.41	181.15	1.14
				292.56	27-Mar-96	112.42	180.14	-1.01
				292.56	31-Oct-96	113.95	178.61	-1.53
				292.56	26-Nov-96	113.02	179.54	0.93
				292.56	26-Dec-96	112.60	179.96	0.42
				292.56	23-Jan-97	111.96	180.60	0.64
				292.56	26-Feb-97	111.40	181.16	0.56
				292.56	27-Mar-97	112.08	180.48	-0.68

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				292.56	26-Jun-97	112.84	179.72	-0.76
				292.56	12-Aug-97	112.96	179.60	-0.12
				292.56	25-Sep-97	112.42	180.14	0.54
				292.56	07-Nov-97	111.38	181.18	1.04
				292.56	10-Nov-98	107.81	184.75	3.57
				292.56	19-Jan-99	109.04	183.52	-1.23
				292.56	22-Apr-99	108.59	183.97	0.45
				292.56	09-Jul-99	107.37	185.19	1.22
08_DGMW74	BP	90–130	Shallow	264.75	14-Feb-96	84.99	179.76	
				266.70	27-Feb-96	85.08	181.62	1.86
				266.70	27-Mar-96	85.24	181.46	-0.16
				266.70	30-Oct-96	85.23	181.47	0.01
				266.70	26-Nov-96	85.04	181.66	0.19
				266.70	26-Dec-96	85.15	181.55	-0.11
				266.70	23-Jan-97	84.80	181.90	0.35
				266.70	26-Feb-97	84.60	182.10	0.20
				266.70	27-Mar-97	84.46	182.24	0.14
				266.70	26-Jun-97	84.60	182.10	-0.14
				266.70	11-Aug-97	84.73	181.97	-0.13
				266.70	25-Sep-97	84.37	182.33	0.36
				266.70	06-Nov-97	84.50	182.20	-0.13
				266.70	10-Nov-98	83.80	182.90	0.70
				266.70	19-Jan-99	81.39	183.36	0.46

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				266.70	22-Apr-99	81.85	182.90	-0.46
				266.70	09-Jul-99	80.90	183.85	0.95
08_UGMW29	BP	95–135	Shallow	271.94	12-Jan-96	87.00	184.94	
				271.94	14-Feb-96	86.75	185.19	0.25
				271.94	27-Feb-96	86.70	185.24	0.05
				271.94	27-Mar-96	86.50	185.44	0.20
				271.94	30-Oct-96	86.46	185.48	0.04
				271.94	26-Nov-96	86.29	185.65	0.17
				271.94	27-Dec-96	86.10	185.84	0.19
				271.94	23-Jan-97	86.02	185.92	0.08
				271.94	26-Feb-97	85.84	186.10	0.18
				271.94	27-Mar-97	85.70	186.24	0.14
				271.94	26-Jun-97	85.82	186.12	-0.12
				271.94	11-Aug-97	85.89	186.05	-0.07
				271.94	25-Sep-97	85.55	186.39	0.34
				271.94	07-Nov-97	85.70	186.24	-0.15
				271.94	10-Nov-98	82.70	189.24	3.00
				271.94	19-Jan-99	82.48	189.46	0.22
				271.94	22-Apr-99	82.22	189.72	0.34
				271.94	08-Jul-99	81.90	190.04	0.32
09_DBMW45	BP	117–157	Shallow	280.00	11-Jan-96	118.70	161.30	
				280.00	15-Feb-96	118.44	161.56	0.26
				280.00	27-Feb-96	118.35	161.65	0.09

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				280.00	27-Mar-96	118.02	161.98	0.33
				280.00	30-Oct-96	118.64	161.36	-0.62
				280.00	26-Nov-96	118.12	161.88	0.52
				280.00	26-Dec-96	118.07	161.93	0.05
				280.00	23-Jan-97	117.50	162.50	0.57
				280.00	27-Feb-97	116.81	163.19	0.69
				280.00	27-Mar-97	117.24	162.76	-0.43
				280.00	26-Jun-97	118.00	162.00	-0.76
				280.00	11-Aug-97	118.06	161.94	-0.06
				280.00	24-Sep-97	117.79	162.21	0.27
				280.00	07-Nov-97	117.45	162.55	0.34
				280.00	10-Nov-98	113.34	166.66	4.11
				280.00	19-Jan-99	112.81	167.19	0.53
				280.00	21-Apr-99	112.27	167.73	0.54
				280.00	09-Jul-99	112.50	167.50	-0.23
09_DGMW75	BP	114–154	Shallow	271.00	11-Jan-96	112.68	158.32	
				271.00	14-Feb-96	112.20	158.80	0.48
				271.00	27-Feb-96	112.21	158.79	-0.01
				271.00	27-Mar-96	111.90	159.10	0.31
				271.00	01-Nov-96	112.47	158.53	-0.57
				271.00	26-Nov-96	111.93	159.07	0.54
				271.00	26-Dec-96	111.93	159.07	0.00
				271.00	27-Feb-97	110.82	160.18	1.11

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				271.00	27-Mar-97	111.21	159.79	-0.39
				271.00	26-Jun-97	111.74	159.26	-0.53
				271.00	11-Aug-97	111.83	159.17	-0.09
				271.00	24-Sep-97	111.56	159.44	0.27
				271.00	05-Nov-97	111.31	159.69	0.25
				271.00	10-Nov-98	107.54	163.46	3.77
				271.00	19-Jan-99	106.94	164.06	0.60
				271.00	21-Apr-99	106.41	164.59	0.53
				271.00	09-Jul-99	106.54	164.46	-0.13
12_UGMW31	TP	105–145	Shallow	255.82	21-May-99	91.08	164.74	
				255.82	08-Jul-99	91.06	164.76	0.02
13_DGMW78	BP	127–167	Shallow	276.14	11-Jan-96	126.30	149.84	
				276.14	01-Feb-96	125.90	150.24	0.40
				276.14	27-Feb-96	125.50	150.64	0.40
				276.14	27-Mar-96	125.36	150.78	0.14
				276.14	31-Oct-96	125.48	150.66	-0.12
				276.14	26-Nov-96	125.34	150.80	0.14
				276.14	26-Dec-96	125.40	150.74	-0.06
				276.14	24-Jan-97	125.02	151.12	0.38
				276.14	27-Feb-97	124.63	151.51	0.39
				276.14	27-Mar-97	124.10	152.04	0.53
				276.14	26-Jun-97	125.04	151.10	-0.94
				276.14	11-Aug-97	125.34	150.80	-0.30

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				276.14	25-Sep-97	124.94	151.20	0.40
				276.14	05-Nov-97	124.80	151.34	0.14
				276.14	09-Nov-98	120.25	155.89	4.55
				276.14	18-Jan-99	119.29	156.85	0.96
				276.14	21-Apr-99	118.49	157.65	0.80
				276.14	08-Jul-99	118.62	157.52	-0.13
15_DBMW51	BP	125–165	Shallow	269.26	11-Jan-96	120.45	148.81	
				269.26	06-Feb-96	119.88	149.38	0.57
				269.26	28-Feb-96	119.86	149.40	0.02
				269.26	27-Mar-96	119.41	149.85	0.45
				269.26	31-Oct-96	119.94	149.32	-0.53
				269.26	26-Nov-96	119.66	149.60	0.28
				269.26	26-Dec-96	119.65	149.61	0.01
				269.26	24-Jan-97	119.28	149.98	0.37
				269.26	27-Feb-97	118.54	150.72	0.74
				269.26	27-Mar-97	118.65	150.61	-0.11
				269.26	26-Jun-97	119.20	150.06	-0.55
				269.26	11-Aug-97	125.50	143.76	-6.30
				269.26	25-Sep-97	119.15	150.11	6.35
				269.26	06-Nov-97	119.06	150.20	0.09
				269.26	09-Nov-98	114.21	155.05	4.85
				269.26	20-Jan-99	113.43	155.83	0.78
				269.26	23-Apr-99	112.77	156.49	0.66

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				269.26	08-Jul-99	112.82	156.44	-0.05
16_DBMW52	TP	182–222	Shallow	332.00	23-Apr-99	162.05	169.95	
				332.00	14-Jul-99	162.00	170.00	0.05
17_DGMW82	BP	235–255	Shallow	442.12	12-Jan-96	189.55	252.57	
				442.12	09-Feb-96	192.04	250.08	-2.49
				442.12	28-Feb-96	192.04	250.08	0.00
				442.12	31-Oct-96	185.60	256.52	6.44
				442.12	26-Nov-96	185.50	256.62	0.10
				442.12	26-Dec-96	185.22	256.90	0.28
				442.12	24-Jan-97	184.43	257.69	0.79
				442.12	12-Aug-97	183.64	258.48	0.79
				442.12	09-Nov-98	177.89	264.23	5.75
				442.12	19-Jan-99	176.93	265.19	0.96
				442.12	22-Apr-99	175.90	266.22	1.03
				442.12	12-Jul-99	175.09	267.03	0.81
17NEW1	BP	186–226	Shallow	431.93	31-Oct-96	183.88	248.05	
				431.93	26-Nov-96	183.60	248.33	0.28
				431.93	26-Dec-96	183.22	248.71	0.38
				431.93	24-Jan-97	183.75	248.18	-0.53
				431.93	27-Feb-97	181.98	249.95	1.77
				431.93	27-Mar-97	182.10	249.83	-0.12
				431.93	27-Jun-97	181.90	250.03	0.20
				431.93	12-Aug-97	181.04	250.89	0.86

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				431.93	24-Sep-97	180.05	251.88	0.99
				431.93	06-Nov-97	184.02	247.91	-3.97
				431.93	09-Nov-98	174.68	257.25	9.34
				431.93	19-Jan-99	173.34	258.59	1.34
				431.93	22-Apr-99	171.77	260.16	1.57
				431.93	12-Jul-99	170.87	261.06	1.10
17NEW2	BP	83–123	Shallow	551.36	31-Oct-96	87.95	463.41	
				551.36	26-Nov-96	88.01	463.35	-0.06
				551.36	26-Dec-96	87.88	463.48	0.13
				551.36	24-Jan-97	88.56	462.80	-0.68
				551.36	27-Feb-97	87.53	463.83	1.03
				551.36	27-Mar-97	87.72	463.64	-0.19
				551.36	12-Aug-97	88.00	463.36	-0.28
				551.36	24-Sep-97	87.50	463.86	0.50
				551.36	06-Nov-97	87.66	463.70	-0.16
				551.36	09-Nov-98	86.22	465.14	1.44
				551.36	29-Jan-99	86.09	465.27	0.13
				551.36	22-Apr-99	85.89	465.47	0.20
				551.36	12-Jul-99	85.79	465.57	0.10
18_BGMW03A	CL	370–390	Principal	279.25	12-Jan-96	103.00	176.25	
				279.25	27-Feb-96	107.63	171.62	-4.63
				279.25	29-Feb-96	107.59	171.66	0.04
				279.25	27-Mar-96	107.22	172.03	0.37

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				279.25	30-Oct-96	118.52	160.73	-11.30
				279.25	26-Nov-96	112.30	166.95	6.22
				279.25	26-Dec-96	109.52	169.73	2.78
				279.25	23-Jan-97	107.40	171.85	2.12
				279.25	26-Feb-97	106.57	172.68	0.83
				279.25	27-Mar-97	113.40	165.85	-6.83
				279.25	26-Jun-97	116.94	162.31	-3.54
				279.25	12-Aug-97	106.60	172.65	10.34
				279.25	24-Sep-97	106.38	172.87	0.22
				279.25	07-Nov-97	108.98	170.27	-2.60
				279.25	09-Nov-98	103.45	175.80	5.53
				279.25	20-Jan-99	106.25	173.00	-2.80
				279.25	22-Apr-99	106.77	172.48	-0.52
				279.25	08-Jul-99	109.08	170.17	-2.31
18_BGMW03B	CL	280–300	Principal	279.28	12-Jan-96	105.26	174.02	
				279.28	27-Feb-96	104.22	175.06	1.04
				279.28	29-Feb-96	104.25	175.03	-0.03
				279.28	27-Mar-96	103.90	175.38	0.35
				279.28	30-Oct-96	111.00	168.28	-7.10
				279.28	26-Nov-96	107.02	172.26	3.98
				279.28	26-Dec-96	105.26	174.02	1.76
				279.28	23-Jan-97	103.80	175.48	1.46
				279.28	26-Feb-97	103.10	176.18	0.70

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				279.28	27-Mar-97	107.68	171.60	-4.58
				279.28	26-Jun-97	110.00	169.28	-2.32
				279.28	12-Aug-97	110.20	169.08	-0.20
				279.28	24-Sep-97	110.21	169.07	-0.01
				279.28	07-Nov-97	105.19	174.09	5.02
				279.28	09-Nov-98	100.16	179.12	5.03
				279.28	20-Jan-99	102.45	176.83	-2.29
				279.28	22-Apr-99	102.53	176.75	-0.08
				279.28	09-Jul-99	103.90	175.38	-1.37
18_BGMW03C	CL	222-242	Shallow	279.41	12-Jan-96	104.26	175.15	
				279.41	12-Feb-96	103.51	175.90	0.75
				279.41	27-Feb-96	103.45	175.96	0.06
				279.41	27-Mar-96	103.08	176.33	0.37
				279.41	30-Oct-96	107.17	172.24	-4.09
				279.41	26-Nov-96	107.70	171.71	-0.53
				279.41	26-Dec-96	103.88	175.53	3.82
				279.41	23-Jan-97	102.80	176.61	1.08
				279.41	26-Feb-97	102.32	177.09	0.48
				279.41	27-Mar-97	104.80	174.61	-2.48
				279.41	26-Jun-97	106.40	173.01	-1.60
				279.41	12-Aug-97	117.35	162.06	-10.95
				279.41	24-Sep-97	117.77	161.64	-0.42
				279.41	07-Nov-97	103.57	175.84	14.20

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				279.41	09-Nov-98	98.70	180.71	4.87
				279.41	19-Jan-99	99.76	179.65	-1.06
				279.41	22-Apr-99	99.47	179.94	0.29
				279.41	09-Jul-99	100.48	178.93	-1.01
18_BGMW03E	CL-BP	124–164	Shallow	279.16	12-Jan-96	107.22	171.94	
				279.16	05-Feb-96	107.09	172.07	0.13
				279.16	27-Feb-96	106.98	172.18	0.11
				279.16	27-Mar-96	106.62	172.54	0.36
				279.16	30-Oct-96	106.54	172.62	0.08
				279.16	26-Nov-96	106.32	172.84	0.22
				279.16	26-Dec-96	106.16	173.00	0.16
				279.16	23-Jan-97	105.95	173.21	0.21
				279.16	26-Feb-97	105.40	173.76	0.55
				279.16	27-Mar-97	105.70	173.46	-0.30
				279.16	26-Jun-97	106.04	173.12	-0.34
				279.16	12-Aug-97	105.95	173.21	0.09
				279.16	24-Sep-97	105.60	173.56	0.35
				279.16	07-Nov-97	105.68	173.48	-0.08
				279.16	09-Nov-98	104.00	175.16	1.68
				279.16	19-Jan-99	103.76	175.40	0.24
				279.16	22-Apr-99	103.05	176.11	0.71
				279.16	09-Jul-99	103.21	175.95	-0.16
18_BGMW04A	CL	286–306	Principal	243.36	11-Jan-96	85.37	157.99	

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				243.36	27-Feb-96	84.01	159.35	1.36
				243.36	28-Feb-96	83.97	159.39	0.04
				243.36	27-Mar-96	83.65	159.71	0.32
				243.36	31-Oct-96	100.84	142.52	-17.19
				243.36	26-Nov-96	93.28	150.08	7.56
				243.36	26-Dec-96	86.54	156.82	6.74
				243.36	23-Jan-97	84.26	159.10	2.28
				243.36	26-Feb-97	83.34	160.02	0.92
				243.36	27-Mar-97	95.58	147.78	-12.24
				243.36	26-Jun-97	99.34	144.02	-3.76
				243.36	11-Aug-97	99.76	143.60	-0.42
				243.36	24-Sep-97	100.32	143.04	-0.56
				243.36	05-Nov-97	87.81	155.55	12.51
				243.36	09-Nov-98	80.70	162.66	7.11
				243.36	18-Jan-99	88.82	154.54	-8.12
				243.36	21-Apr-99	89.78	153.58	-0.96
				243.36	08-Jul-99	92.56	150.80	-2.78
18_BGMW04B	CL	190–210	Shallow	243.58	11-Jan-96	81.65	161.93	
				243.58	19-Jan-96	81.70	161.88	-0.05
				243.58	27-Feb-96	80.72	162.86	0.98
				243.58	27-Mar-96	80.36	163.22	0.36
				243.58	31-Oct-96	89.96	153.62	-9.60
				243.58	26-Nov-96	84.90	158.68	5.06

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				243.58	26-Dec-96	82.66	160.92	2.24
				243.58	23-Jan-97	80.84	162.74	1.82
				243.58	26-Feb-97	80.20	163.38	0.64
				243.58	27-Mar-97	85.56	158.02	-5.36
				243.58	26-Jun-97	88.58	155.00	-3.02
				243.58	11-Aug-97	89.12	154.46	-0.54
				243.58	24-Sep-97	89.28	154.30	-0.16
				243.58	05-Nov-97	83.24	160.34	6.04
				243.58	09-Nov-98	77.03	166.55	6.21
				243.58	18-Jan-99	79.14	164.44	-2.11
				243.58	21-Apr-99	79.69	163.89	-0.55
				243.58	08-Jul-99	81.81	161.77	-2.21
18_BGMW05A	CL	462–482	Principal	269.45	12-Jan-96	81.91	187.54	
				269.45	26-Jan-96	84.98	184.47	-3.07
				269.45	27-Feb-96	85.22	184.23	-0.24
				269.45	27-Mar-96	84.13	185.32	1.09
				269.45	30-Oct-96	85.97	183.48	-1.84
				269.45	26-Nov-96	87.68	181.77	-1.71
				269.45	26-Dec-96	84.86	184.59	2.82
				269.45	23-Jan-97	88.11	181.34	-3.25
				269.45	26-Feb-97	84.05	185.40	4.06
				269.45	27-Mar-97	84.90	184.55	-0.85
				269.45	26-Jun-97	84.93	184.52	-0.03

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				269.45	11-Aug-97	85.20	184.25	-0.27
				269.45	25-Sep-97	85.10	184.35	0.10
				269.45	06-Nov-97	84.63	184.82	0.47
				269.45	10-Nov-98	75.40	194.05	9.23
				269.45	20-Jan-99	80.25	189.20	-4.85
				269.45	22-Apr-99	79.95	189.50	0.30
				269.45	08-Jul-99	80.38	189.07	-0.43
18_BGMW05B	CL	321–341	Principal	270.41	12-Jan-96	82.51	187.90	
				270.41	27-Feb-96	81.50	188.91	1.01
				270.41	29-Feb-96	81.38	189.03	0.12
				270.41	27-Mar-96	81.15	189.26	0.23
				270.41	30-Oct-96	85.43	184.98	-4.28
				270.41	26-Nov-96	82.87	187.54	2.56
				270.41	26-Dec-96	82.05	188.36	0.82
				270.41	23-Jan-97	81.03	189.38	1.02
				270.41	26-Feb-97	79.56	190.85	1.47
				270.41	27-Mar-97	82.88	187.53	-3.32
				270.41	26-Jun-97	84.50	185.91	-1.62
				270.41	11-Aug-97	84.78	185.63	-0.28
				270.41	25-Sep-97	84.70	185.71	0.08
				270.41	06-Nov-97	81.98	188.43	2.72
				270.41	10-Nov-98	78.08	192.33	3.90
				270.41	20-Jan-99	78.80	191.61	-0.72

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				270.41	22-Apr-99	81.02	189.39	-2.22
				270.41	08-Jul-99	79.98	190.43	1.04
18_BGMW05C	CL	225–245	Shallow	269.39	12-Jan-96	80.64	188.75	
				269.39	25-Jan-96	80.52	188.87	0.12
				269.39	27-Feb-96	80.20	189.19	0.32
				269.39	29-Feb-96	80.16	189.23	0.04
				269.39	27-Mar-96	79.93	189.46	0.23
				269.39	30-Oct-96	81.93	187.46	-2.00
				269.39	26-Nov-96	80.66	188.73	1.27
				269.39	26-Dec-96	80.28	189.11	0.38
				269.39	23-Jan-97	79.68	189.71	0.60
				269.39	26-Feb-97	79.26	190.13	0.42
				269.39	27-Mar-97	80.36	189.03	-1.10
				269.39	26-Jun-97	81.32	188.07	-0.96
				269.39	11-Aug-97	79.50	189.89	1.82
				269.39	25-Sep-97	81.22	188.17	-1.72
				269.39	06-Nov-97	80.00	189.39	1.22
				269.39	10-Nov-98	76.78	192.61	3.22
				269.39	20-Jan-99	76.94	192.45	-0.16
				269.39	09-Jul-99	77.33	192.06	-0.39
18_BGMW05D	CL-BP	83–133	Shallow	270.42	12-Jan-96	82.21	188.21	
				270.42	19-Feb-96	81.78	188.64	0.43
				270.42	27-Feb-96	81.87	188.55	-0.09

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				270.42	27-Mar-96	81.63	188.79	0.24
				270.42	30-Oct-96	81.80	188.62	-0.17
				270.42	26-Nov-96	81.60	188.82	0.20
				270.42	26-Dec-96	81.71	188.71	-0.11
				270.42	23-Jan-97	81.40	189.02	0.31
				270.42	26-Feb-97	81.20	189.22	0.20
				270.42	27-Mar-97	82.09	188.33	-0.89
				270.42	26-Jun-97	81.30	189.12	0.79
				270.42	11-Aug-97	81.45	188.97	-0.15
				270.42	25-Sep-97	81.07	189.35	0.38
				270.42	06-Nov-97	81.09	189.33	-0.02
				270.42	10-Nov-98	78.55	191.87	2.54
				270.42	20-Jan-99	78.18	192.24	0.37
				270.42	22-Apr-99	77.76	192.66	0.42
				270.42	09-Jul-99	77.85	192.57	-0.09
18_BGMW101	BP	90–130	Shallow	232.80	12-Jan-96	80.86	151.94	
				232.80	29-Jan-96	80.78	152.02	0.08
				232.80	27-Feb-96	80.46	152.34	0.32
				232.80	27-Mar-96	80.21	152.59	0.25
				232.80	31-Oct-96	80.52	152.28	-0.31
				232.80	26-Nov-96	80.20	152.60	0.32
				232.80	26-Dec-96	80.22	152.58	-0.02
				232.80	23-Jan-97	80.08	152.72	0.14

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				232.80	27-Feb-97	79.30	153.50	0.78
				232.80	27-Mar-97	79.46	153.34	-0.16
				232.80	26-Jun-97	80.04	152.76	-0.58
				232.80	11-Aug-97	80.25	152.55	-0.21
				232.80	25-Sep-97	80.02	152.78	0.23
				232.80	05-Nov-97	80.07	152.73	-0.05
				232.80	09-Nov-98	76.32	156.48	3.75
				232.80	18-Jan-99	75.80	157.00	0.52
				232.80	21-Apr-99	76.32	156.48	-0.52
				232.80	08_jul-99	75.45	157.35	0.87
18_BGMW14	BP	75–115	Shallow	268.67	12-Jan-96	70.40	198.27	
				268.67	16-Feb-96	69.95	198.72	0.45
				268.67	28-Feb-96	69.82	198.85	0.13
				268.67	27-Mar-96	69.70	198.97	0.12
				268.67	31-Oct-96	70.06	198.61	-0.36
				268.67	27-Nov-96	69.32	199.35	0.74
				268.67	26-Dec-96	69.66	199.01	-0.34
				268.67	26-Feb-97	69.33	199.34	0.33
				268.67	27-Mar-97	68.85	199.82	0.48
				268.67	27-Jun-97	69.58	199.09	-0.73
				268.67	11-Aug-97	69.76	198.91	-0.18
				268.67	24-Sep-97	69.27	199.40	0.49
				268.67	06-Nov-97	69.25	199.42	0.02

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				268.67	10-Nov-98	66.96	201.71	2.29
				268.67	18-Jan-99	66.86	201.81	0.10
				268.67	21-Apr-99	66.58	202.09	0.28
				268.67	08-Jul-99	66.60	202.07	-0.02
18_BGMW16	BP	223–263	Shallow	376.67	11-Jan-96	217.68	158.99	
				376.67	19-Jan-96	217.68	158.99	0.00
				376.67	28-Feb-96	217.04	159.63	0.64
				376.67	27-Mar-96	216.58	160.09	0.46
				376.67	31-Oct-96	215.84	160.83	0.74
				376.67	26-Nov-96	215.78	160.89	0.06
				376.67	26-Dec-96	215.46	161.21	0.32
				376.67	24-Jan-97	215.35	161.32	0.11
				376.67	27-Feb-97	214.09	162.58	1.26
				376.67	26-Jun-97	215.20	161.47	-1.11
				376.67	11-Aug-97	215.50	161.17	-0.30
				376.67	24-Sep-97	215.00	161.67	0.50
				376.67	05-Nov-97	215.12	161.55	-0.12
				376.67	09-Nov-98	210.37	166.30	4.75
				376.67	18-Jan-99	209.20	167.47	1.17
				376.67	22-Apr-99	207.82	168.85	1.38
				376.67	09-Jul-99	208.18	168.52	-0.33
18_BGMW18	BP	140–180	Shallow	276.49	05-Feb-96	131.41	145.08	
				276.49	27-Feb-96	130.97	145.52	0.44

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				276.49	27-Mar-96	130.58	145.91	0.39
				276.49	31-Oct-96	130.90	145.59	-0.32
				276.49	26-Nov-96	130.72	145.77	0.18
				276.49	26-Dec-96	130.50	145.99	0.22
				276.49	24-Jan-97	130.00	146.49	0.50
				276.49	27-Feb-97	129.28	147.21	0.72
				276.49	27-Mar-97	129.04	147.45	0.24
				276.49	26-Jun-97	128.90	147.59	0.14
				276.49	11-Aug-97	130.32	146.17	-1.42
				276.49	25-Sep-97	129.97	146.52	0.35
				276.49	05-Nov-97	129.83	146.66	0.14
				276.49	10-Nov-98	125.42	151.07	4.41
				276.49	18-Jan-99	124.63	151.86	0.79
				276.49	22-Apr-99	123.99	152.50	0.64
				276.49	08-Jul-99	124.16	152.33	-0.17
18_BGMW19A	CL	448–468	Principal	232.61	12-Jan-96	93.32	139.29	
				232.61	27-Feb-96	90.51	142.10	2.81
				232.61	01-Mar-96	90.32	142.29	0.19
				232.61	27-Mar-96	90.10	142.51	0.22
				232.61	31-Oct-96	115.98	116.63	-25.88
				232.61	27-Nov-96	104.24	128.37	11.74
				232.61	26-Dec-96	95.84	136.77	8.40
				232.61	24-Jan-97	91.52	141.09	4.32

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				232.61	26-Feb-97	90.49	142.12	1.03
				232.61	27-Mar-97	103.25	129.36	-12.76
				232.61	26-Jun-97	113.40	119.21	-10.15
				232.61	11-Aug-97	114.38	118.23	-0.98
				232.61	24-Sep-97	116.75	115.86	-2.37
				232.61	07-Nov-97	100.58	132.03	16.17
				232.61	10-Nov-98	88.74	143.87	11.84
				232.61	20-Jan-99	89.84	142.77	-1.10
				232.61	23-Apr-99	93.12	143.87	1.10
				232.61	08-Jul-99	99.07	133.54	-10.33
18_BGMW19B	CL	400–420	Principal	232.69	12-Jan-96	94.61	138.08	
				232.69	27-Feb-96	92.03	140.66	2.58
				232.69	01-Mar-96	91.90	140.79	0.13
				232.69	27-Mar-96	91.70	140.99	0.20
				232.69	31-Oct-96	114.94	117.75	-23.24
				232.69	27-Nov-96	104.06	128.63	10.88
				232.69	26-Dec-96	97.14	135.55	6.92
				232.69	24-Jan-97	92.94	139.75	4.20
				232.69	26-Feb-97	92.11	140.58	0.83
				232.69	27-Mar-97	104.65	128.04	-12.54
				232.69	26-Jun-97	113.00	119.69	-8.35
				232.69	11-Aug-97	113.50	119.19	-0.50
				232.69	24-Sep-97	115.35	117.34	-1.85

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				232.69	07-Nov-97	102.10	130.59	13.25
				232.69	10-Nov-98	90.44	142.25	11.66
				232.69	20-Jan-99	92.19	140.50	-1.75
				232.69	23-Apr-99	95.38	142.25	1.75
				232.69	08-Jul-99	101.18	131.51	-10.74
18_BGMW19C	CL	257–277	Principal	232.79	12-Jan-96	92.45	140.34	
				232.79	27-Feb-96	90.65	142.14	1.80
				232.79	29-Feb-96	90.57	142.22	0.08
				232.79	27-Mar-96	90.18	142.61	0.39
				232.79	31-Oct-96	100.40	132.39	-10.22
				232.79	27-Nov-96	95.79	137.00	4.61
				232.79	26-Dec-96	93.18	139.61	2.61
				232.79	24-Jan-97	91.15	141.64	2.03
				232.79	26-Feb-97	90.30	142.49	0.85
				232.79	27-Mar-97	96.20	136.59	-5.90
				232.79	26-Jun-97	99.10	133.69	-2.90
				232.79	11-Aug-97	98.85	133.94	0.25
				232.79	24-Sep-97	99.38	133.41	-0.53
				232.79	07-Nov-97	94.62	138.17	4.76
				232.79	10-Nov-98	87.63	145.16	6.99
				232.79	20-Jan-99	91.49	141.30	-3.86
				232.79	21-Apr-99	88.47	144.32	3.02
				232.79	08-Jul-99	90.96	141.83	-2.49

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
18_BGMW19D	CL	150–170	Shallow	232.54	12-Jan-96	91.49	141.05	
				232.54	16-Feb-96	90.85	141.69	0.64
				232.54	27-Feb-96	90.77	141.77	0.08
				232.54	27-Mar-96	90.50	142.04	0.27
				232.54	31-Oct-96	91.63	140.91	-1.13
				232.54	27-Nov-96	91.40	141.14	0.23
				232.54	26-Dec-96	91.15	141.39	0.25
				232.54	24-Jan-97	90.79	141.75	0.36
				232.54	26-Feb-97	90.18	142.36	0.61
				232.54	27-Mar-97	90.80	141.74	-0.62
				232.54	26-Jun-97	90.25	142.29	0.55
				232.54	11-Aug-97	90.46	142.08	-0.21
				232.54	24-Sep-97	90.13	142.41	0.33
				232.54	07-Nov-97	90.19	142.35	-0.06
				232.54	10-Nov-98	85.94	146.60	4.25
				232.54	18-Jan-99	85.34	147.20	0.60
				232.54	21-Apr-99	84.76	147.78	0.58
				232.54	08-Jul-99	85.02	147.52	-0.26
18_BGMW19E	CL	98–138	Shallow	232.91	12-Jan-96	91.67	141.24	
				232.91	06-Feb-96	91.47	141.44	0.20
				232.91	27-Feb-96	91.22	141.69	0.25
				232.91	27-Mar-96	90.98	141.93	0.24
				232.91	31-Oct-96	92.91	140.00	-1.93

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				232.91	27-Nov-96	91.74	141.17	1.17
				232.91	26-Dec-96	91.60	141.31	0.14
				232.91	24-Jan-97	91.22	141.69	0.38
				232.91	26-Feb-97	90.70	142.21	0.52
				232.91	27-Mar-97	90.34	142.57	0.36
				232.91	11-Aug-97	90.85	142.06	-0.51
				232.91	24-Sep-97	90.50	142.41	0.35
				232.91	07-Nov-97	90.59	142.32	-0.09
				232.91	10-Nov-98	86.23	146.68	4.36
				232.91	20-Jan-99	85.61	147.30	0.62
				232.91	21-Apr-99	85.18	147.73	0.40
				232.91	08-Jul-99	85.53	147.38	-0.35
18_DW135	CL-BP	115-135	Shallow	268.90	12-Jan-96	117.69	151.21	
				268.90	19-Feb-96	117.06	151.84	0.63
				268.90	26-Feb-96	116.99	151.91	0.07
				268.90	27-Mar-96	116.61	152.29	0.38
				268.90	31-Oct-96	117.12	151.78	-0.51
				268.90	26-Nov-96	117.00	151.90	0.12
				268.90	26-Dec-96	117.00	151.90	0.00
				268.90	26-Jan-97	118.40	150.50	-1.40
				268.90	27-Feb-97	116.04	152.86	2.36
				268.90	27-Mar-97	115.88	153.02	0.16
				268.90	26-Jun-97	116.64	152.26	-0.76

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				268.90	11-Aug-97	116.80	152.10	-0.16
				268.90	25-Sep-97	116.51	152.39	0.29
				268.90	05-Nov-97	116.35	152.55	0.16
				268.90	09-Nov-98	112.15	156.75	4.20
				268.90	18-Jan-99	111.30	157.60	0.85
				268.90	23-Apr-99	110.76	158.14	0.54
				268.90	08-Jul-99	110.80	158.10	-0.04
18_DW250	CL	215–250	Shallow	268.82	11-Jan-96	116.41	152.41	
				268.82	31-Jan-96	115.65	153.17	0.76
				268.82	26-Feb-96	115.36	153.46	0.29
				268.82	27-Mar-96	114.90	153.92	0.46
				268.82	31-Oct-96	122.12	146.70	-7.22
				268.82	26-Nov-96	118.28	150.54	3.84
				268.82	26-Dec-96	116.55	152.27	1.73
				268.82	26-Jan-97	115.70	153.12	0.85
				268.82	27-Feb-97	114.25	154.57	1.45
				268.82	27-Mar-97	119.08	149.74	-4.83
				268.82	26-Jun-97	121.14	147.68	-2.06
				268.82	11-Aug-97	121.44	147.38	-0.30
				268.82	25-Sep-97	121.38	147.44	0.06
				268.82	05-Nov-97	116.35	152.47	5.03
				268.82	09-Nov-98	111.04	157.78	5.31
				268.82	18-Jan-99	113.06	155.76	-2.02

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				268.82	23-Apr-99	113.07	155.75	-0.01
				268.82	08-Jul-99	114.21	154.61	-1.14
18_DW350	CL	310-350	Principal	269.11	12-Jan-96	115.40	153.71	
				269.11	29-Jan-96	114.78	154.33	0.62
				269.11	26-Feb-96	113.93	155.18	0.85
				269.11	27-Mar-96	113.50	155.61	0.43
				269.11	31-Oct-96	141.90	127.21	-28.40
				269.11	26-Nov-96	131.29	137.82	10.61
				269.11	26-Dec-96	116.68	152.43	14.61
				269.11	26-Jan-97	114.80	154.31	1.88
				269.11	27-Feb-97	113.23	155.88	1.57
				269.11	27-Mar-97	133.40	135.71	-20.17
				269.11	26-Jun-97	137.25	131.86	-3.85
				269.11	11-Aug-97	137.66	131.45	-0.41
				269.11	25-Sep-97	138.25	130.86	-0.59
				269.11	05-Nov-97	116.49	152.62	21.76
				269.11	09-Nov-98	110.20	158.91	6.29
				269.11	18-Jan-99	125.50	143.61	-15.30
				269.11	08-Jul-99	128.98	140.13	-2.48
18_DW450	CL	420-450	Principal	269.12	11-Jan-96	114.81	154.31	
				269.12	29-Jan-96	113.81	155.31	1.00
				269.12	26-Feb-96	112.88	156.24	0.93
				269.12	27-Mar-96	112.37	156.75	0.51

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				269.12	31-Oct-96	136.54	132.58	-24.17
				269.12	26-Nov-96	127.10	142.02	9.44
				269.12	26-Dec-96	116.46	152.66	10.64
				269.12	26-Jan-97	113.52	155.60	2.94
				269.12	27-Feb-97	112.18	156.94	1.34
				269.12	27-Mar-97	129.00	140.12	-16.82
				269.12	26-Jun-97	134.30	134.82	-5.30
				269.12	11-Aug-97	135.14	133.98	-0.84
				269.12	25-Sep-97	136.50	132.62	-1.36
				269.12	05-Nov-97	118.34	150.78	18.16
				269.12	09-Nov-98	109.22	159.90	9.12
				269.12	18-Jan-99	117.07	152.05	-7.85
				269.12	23-Apr-99	109.22	159.90	7.85
				269.12	08-Jul-99	122.39	146.73	-13.17
18_DW540	CL	490–540	Principal	269.53	11-Jan-96	115.26	154.27	
				269.53	30-Jan-96	114.16	155.37	1.10
				269.53	26-Feb-96	113.21	156.32	0.95
				269.53	27-Mar-96	112.71	156.82	0.50
				269.53	31-Oct-96	133.60	135.93	-20.89
				269.53	26-Nov-96	124.17	145.36	9.43
				269.53	26-Dec-96	116.98	152.55	7.19
				269.53	26-Jan-97	113.63	155.90	3.35
				269.53	27-Feb-97	112.54	156.99	1.09

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				269.53	27-Mar-97	125.78	143.75	-13.24
				269.53	26-Jun-97	131.30	138.23	-5.52
				269.53	11-Aug-97	132.10	137.43	-0.80
				269.53	25-Sep-97	133.45	136.08	-1.35
				269.53	05-Nov-97	118.93	150.60	14.52
				269.53	09-Nov-98	110.81	158.72	8.12
				269.53	18-Jan-99	113.31	156.22	-2.50
				269.53	23-Apr-99	115.41	154.12	-2.10
				269.53	08-Jul-99	120.19	149.34	-4.78
18_IDP1	BP		Principal	--	21-May-99	79.75		
					08-Jul-99	74.30		
18_MCAS04	SH	181–238	Principal	144.54	09-Feb-96	22.48	122.06	
				144.54	28-Feb-96	22.24	122.30	0.24
				144.54	27-Mar-96	22.02	122.52	0.22
				144.54	01-Nov-96	28.32	116.22	-6.30
				144.54	27-Nov-96	25.56	118.98	2.76
				144.54	26-Dec-96	24.06	120.48	1.50
				144.54	26-Jan-97	25.00	119.54	-0.94
				144.54	26-Feb-97	22.38	122.16	2.62
				144.54	27-Mar-97	24.70	119.84	-2.32
				144.54	26-Jun-97	27.25	117.29	-2.55
				144.54	11-Aug-97	27.54	117.00	-0.29
				144.54	24-Sep-97	28.05	116.49	-0.51

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				144.54	05-Nov-97	26.19	118.35	1.86
				144.54	09-Nov-98	23.99	120.55	2.20
				144.54	19-Jan-99	24.02	120.52	-0.03
				144.54	20-Apr-99	25.62	118.92	-1.60
				144.54	07-Jul-99	27.95	116.59	-1.33
18_MCAS06	SH	167–222	Principal	115.15	12-Jan-96	14.08	101.07	
				115.15	16-Jan-96	14.32	100.83	-0.24
				115.15	28-Feb-96	14.00	101.15	0.32
				115.15	27-Mar-96	14.10	101.05	-0.10
				115.15	01-Nov-96	24.63	90.52	-10.53
				115.15	27-Nov-96	19.20	95.95	5.43
				115.15	26-Dec-96	20.10	95.05	-0.90
				115.15	26-Jan-97	16.11	99.04	3.99
				115.15	26-Feb-97	13.54	101.61	2.57
				115.15	27-Mar-97	17.83	97.32	-4.29
				115.15	26-Jun-97	23.80	91.35	-5.97
				115.15	11-Aug-97	23.89	91.26	-0.09
				115.15	25-Sep-97	24.65	90.50	-0.76
				115.15	05-Nov-97	20.82	94.33	3.83
				115.15	09-Nov-98	15.55	99.60	5.27
				115.15	18-Jan-99	15.02	100.13	0.53
				115.15	20-Apr-99	17.93	97.22	-2.91
				115.15	07-Jul-99	22.05	93.10	-4.12

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
18_MCAS08	DP	392–410	Principal	85.28	01-Feb-96	58.01	27.27	
				85.28	28-Feb-96	54.08	31.20	3.93
				85.28	27-Mar-96	54.00	31.28	0.08
				85.28	01-Nov-96	105.75	-20.47	-51.75
				85.28	27-Nov-96	93.05	-7.77	12.70
				85.28	27-Dec-96	94.25	-8.97	-1.20
				85.28	26-Jan-97	59.10	26.18	35.15
				85.28	27-Mar-97	92.75	-7.47	-33.65
				85.28	26-Jun-97	103.70	-18.42	-10.95
				85.28	11-Aug-97	127.60	-42.32	-23.90
				85.28	25-Sep-97	134.33	-49.05	-6.73
				85.28	05-Nov-97	121.09	-35.81	13.24
				85.28	09-Nov-98	74.72	10.56	46.37
				85.28	18-Jan-99	66.01	19.27	8.71
				85.28	20-Apr-99	68.63	16.65	-2.62
				85.28	07-Jul-99	100.37	-15.09	-31.74
18_MCAS09	DP	372–445	Principal	77.15	12-Jan-96	4.89	72.26	
				77.15	16-Jan-96	6.63	70.52	-1.74
				77.15	27-Mar-96	6.63	70.52	0.00
				77.15	27-Nov-96	25.42	51.73	-18.79
				77.15	26-Dec-96	26.10	51.05	-0.68
				77.15	26-Jan-97	23.90	53.25	2.20
				77.15	26-Feb-97	3.80	73.35	20.10

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				77.15	27-Mar-97	25.00	52.15	-21.20
				77.15	26-Jun-97	42.65	34.50	-17.65
				77.15	11-Aug-97	55.65	21.50	-13.00
				77.15	25-Sep-97	60.28	16.87	-4.63
				77.15	05-Nov-97	42.52	34.63	17.76
				77.15	09-Nov-98	3.93	73.22	38.59
				77.15	18-Jan-99	5.43	71.72	-1.50
				77.15	21-Apr-99	16.58	60.57	-11.15
				77.15	09-Jul-99	36.38	40.77	-19.80
18_MCAS10	DP	355–375	Principal	106.35	11-Jan-96	16.06	90.29	
				106.35	19-Jan-96	18.47	87.88	-2.41
				106.35	27-Mar-96	16.12	90.23	2.35
				106.35	01-Nov-96	56.65	49.70	-40.53
				106.35	27-Nov-96	38.68	67.67	17.97
				106.35	27-Dec-96	39.20	67.15	-0.52
				106.35	26-Jan-97	38.85	67.50	0.35
				106.35	26-Feb-97	18.09	88.26	20.76
				106.35	27-Mar-97	37.90	68.45	-19.81
				106.35	26-Jun-97	53.40	52.95	-15.50
				106.35	11-Aug-97	64.70	41.65	-11.30
				106.35	25-Sep-97	68.10	38.25	-3.40
				106.35	05-Nov-97	50.62	55.73	17.48
				106.35	09-Nov-99	19.36	86.99	31.26

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				106.35	19-Jan-99	18.90	87.45	0.46
				106.35	20-Apr-99	29.68	72.42	-15.04
				106.35	07-Jul-99	46.93	55.17	-17.25
18_PS1	SH	102–122	Shallow	247.99	11-Jan-96	86.98	161.01	
				247.99	19-Jan-96	86.90	161.09	0.08
				247.99	26-Feb-96	86.65	161.34	0.25
				247.99	27-Mar-96	86.41	161.58	0.24
				247.99	31-Oct-96	86.61	161.38	-0.20
				247.99	26-Nov-96	86.36	161.63	0.25
				247.99	26-Dec-96	86.42	161.57	-0.06
				247.99	23-Jan-97	86.12	161.87	0.30
				247.99	27-Mar-97	85.68	162.31	0.44
				247.99	26-Jun-97	86.02	161.97	-0.34
				247.99	11-Aug-97	86.25	161.74	-0.23
				247.99	24-Sep-97	85.87	162.12	0.38
				247.99	05-Nov-97	85.92	162.07	-0.05
				247.99	09-Nov-99	82.21	165.78	3.71
				247.99	18-Jan-99	81.87	166.12	0.34
				247.99	21-Apr-99	81.41	166.58	0.46
				247.99	08-Jul-99	81.29	166.70	0.12
18_PS2	SH	103–133	Shallow	246.73	11-Jan-96	99.50	147.23	
				246.73	18-Jan-96	99.42	147.31	0.08
				246.73	26-Feb-96	98.96	147.77	0.46

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				246.73	27-Mar-96	98.62	148.11	0.34
				246.73	31-Oct-96	99.18	147.55	-0.56
				246.73	27-Nov-96	99.08	147.65	0.10
				246.73	26-Dec-96	99.04	147.69	0.04
				246.73	23-Jan-97	98.58	148.15	0.46
				246.73	27-Feb-97	97.91	148.82	0.67
				246.73	27-Mar-97	89.10	157.63	8.81
				246.73	26-Jun-97	98.68	148.05	-9.58
				246.73	11-Aug-97	98.86	147.87	-0.18
				246.73	24-Sep-97	98.62	148.11	0.24
				246.73	05-Nov-97	98.54	148.19	0.08
				246.73	09-Nov-99	94.43	152.30	4.11
				246.73	18-Jan-99	93.65	153.08	0.78
				246.73	21-Apr-99	93.15	153.58	0.50
				246.73	08-Jul-99	93.24	153.49	-0.09
18_PS6	SH	106 -126	Shallow	269.09	21-May-99	105.54	163.55	
				269.09	08-Jul-99	105.60	163.49	-0.06
18_PS7	SH	106–126	Shallow	260.00	11-Jan-96	88.10	171.90	
				260.00	22-Jan-96	87.28	172.72	0.82
				260.00	28-Feb-96	87.06	172.94	0.22
				260.00	27-Mar-96	86.85	173.15	0.21
				260.00	31-Oct-96	87.11	172.89	-0.26
				260.00	27-Nov-96	87.75	172.25	-0.64

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				260.00	26-Dec-96	86.98	173.02	0.77
				260.00	24-Jan-97	86.66	173.34	0.32
				260.00	26-Feb-97	86.38	173.62	0.28
				260.00	27-Mar-97	86.22	173.78	0.16
				260.00	27-Jun-97	86.50	173.50	-0.28
				260.00	12-Aug-97	86.60	173.40	-0.10
				260.00	24-Sep-97	86.28	173.72	0.32
				260.00	05-Nov-97	86.40	173.60	-0.12
				260.00	06-Nov-99	83.53	176.47	2.87
				260.00	18-Jan-99	83.15	176.85	0.38
				260.00	23-Apr-99	82.36	177.64	0.79
				260.00	09-Jul-99	82.72	177.28	-0.36
19_DGMW86	BP	158-198	Shallow	332.87	20-May-99	141.01	191.86	
				332.87	08-Jul-99	141.14	191.73	-0.13
21_DGMW90	BP	95-135	Shallow	255.35	11-Jan-96	90.08	165.27	
				255.35	02-Feb-96	90.16	165.19	-0.08
				255.35	27-Feb-96	90.08	165.27	0.08
				255.35	27-Mar-96	89.78	165.57	0.30
				255.35	30-Oct-96	89.68	165.67	0.10
				255.35	26-Nov-96	89.78	165.57	-0.10
				255.35	26-Dec-96	89.64	165.71	0.14
				255.35	23-Jan-97	89.40	165.95	0.24
				255.35	26-Feb-97	88.88	166.47	0.52

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				255.35	27-Mar-97	88.84	166.51	0.04
				255.35	26-Jun-97	89.20	166.15	-0.36
				255.35	11-Aug-97	89.34	166.01	-0.14
				255.35	25-Sep-97	89.07	166.28	0.27
				255.35	07-Nov-97	89.18	166.17	-0.11
				255.35	09-Nov-98	85.89	169.46	3.29
				255.35	19-Jan-99	85.34	170.01	0.55
				255.35	21-Apr-99	84.36	170.99	0.98
				255.35	09-Jul-99	84.87	170.48	-0.51
22_DBMW47	BP	116–156	Shallow	277.83	11-Jan-96	114.43	163.40	
				277.83	15-Feb-96	113.95	163.88	0.48
				277.83	28-Feb-96	114.01	163.82	-0.06
				277.83	27-Mar-96	113.66	164.17	0.35
				277.83	30-Oct-96	113.93	163.90	-0.27
				277.83	26-Nov-96	113.57	164.26	0.36
				277.83	26-Dec-96	113.58	164.25	-0.01
				277.83	23-Jan-97	113.08	164.75	0.50
				277.83	27-Feb-97	112.45	165.38	0.63
				277.83	27-Mar-97	112.70	165.13	-0.25
				277.83	26-Jun-97	113.30	164.53	-0.60
				277.83	11-Aug-97	113.36	164.47	-0.06
				277.83	24-Sep-97	113.05	164.78	0.31
				277.83	07-Nov-97	112.95	164.88	0.10

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				277.83	09-Nov-98	109.12	168.71	3.83
				277.83	19-Jan-99	108.53	169.30	0.59
				277.83	21-Apr-99	107.94	169.89	0.59
				277.83	09-Jul-99	108.07	169.76	-0.13
24NEW1	SH	225–245	Shallow	281.10	31-Oct-96	123.51	157.59	
				281.10	26-Nov-96	118.78	162.32	4.73
				281.10	26-Dec-96	116.70	164.40	2.08
				281.10	23-Jan-97	115.26	165.84	1.44
				281.10	27-Feb-97	114.18	166.92	1.08
				281.10	27-Mar-97	120.28	160.82	-6.10
				281.10	26-Jun-97	122.25	158.85	-1.97
				281.10	12-Aug-97	122.44	158.66	-0.19
				281.10	24-Sep-97	122.35	158.75	0.09
				281.10	07-Nov-97	116.30	164.80	6.05
				281.10	09-Nov-98	111.06	170.04	5.24
				281.10	19-Jan-99	115.33	165.77	-4.27
				281.10	23-Apr-99	115.07	166.03	0.26
				281.00	09-Jul-99	116.16	164.94	-1.09
24NEW4	BP	108–148	Shallow	281.80	26-Nov-96	109.75	172.05	
				281.80	26-Dec-96	109.50	172.30	0.25
				281.80	23-Jan-97	109.03	172.77	0.47
				281.80	26-Feb-97	108.86	172.94	0.17
				281.80	27-Mar-97	108.94	172.86	-0.08

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				281.80	26-Jun-97	109.05	172.75	-0.11
				281.80	12-Aug-97	109.00	172.80	0.05
				281.80	24-Sep-97	108.72	173.08	0.28
				281.80	07-Nov-97	108.82	172.98	-0.10
				281.80	09-Nov-98	105.36	176.44	3.46
				281.80	19-Jan-99	104.67	177.13	0.69
				281.80	22-Apr-99	104.11	177.69	0.56
				281.80	09-Jul-99	103.74	178.06	0.37
24NEW5	SH	230–250	Shallow	279.20	31-Oct-96	120.39	158.81	
				279.20	26-Nov-96	115.29	163.91	5.10
				279.20	26-Dec-96	112.34	166.86	2.95
				279.20	23-Jan-97	110.74	168.46	1.60
				279.20	27-Feb-97	109.62	169.58	1.12
				279.20	27-Mar-97	116.80	162.40	-7.18
				279.20	26-Jun-97	118.93	160.27	-2.13
				279.20	12-Aug-97	119.18	160.02	-0.25
				279.20	24-Sep-97	119.07	160.13	0.11
				279.20	07-Nov-97	112.12	167.08	6.95
				279.20	09-Nov-98	106.39	172.81	5.73
				279.20	19-Jan-99	111.14	168.06	-4.75
				279.20	09-Jul-99	112.52	169.28	1.22
24NEW6	SH	165–185	Shallow	265.60	26-Nov-96	83.05	182.55	
				265.60	26-Dec-96	82.63	182.97	0.42

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				265.60	23-Jan-97	82.02	183.58	0.61
				265.60	26-Feb-97	81.60	184.00	0.42
				265.60	27-Mar-97	82.43	183.17	-0.83
				265.60	26-Jun-97	83.14	182.46	-0.71
				265.60	11-Aug-97	83.33	182.27	-0.19
				265.60	24-Sep-97	83.10	182.50	0.23
				265.60	07-Nov-97	82.28	183.32	0.82
				265.60	28-Oct-98	79.17	186.43	3.11
				265.60	19-Jan-99	83.23	182.37	-4.06
				265.60	23-Apr-99	78.88	186.72	4.35
				265.00	09-Jul-99	79.32	199.88	13.16
24_NEW07	BP	118–158	Shallow	285.10	31-Oct-96	122.30	162.80	
				285.10	27-Nov-96	121.60	163.50	0.70
				285.10	26-Dec-96	121.38	163.72	0.22
				285.10	23-Jan-97	120.76	164.34	0.62
				285.10	27-Feb-97	120.33	164.77	0.43
				285.10	27-Mar-97	120.52	164.58	-0.19
				285.10	26-Jun-97	121.34	163.76	-0.82
				285.10	12-Aug-97	121.44	163.66	-0.10
				285.10	24-Sep-97	121.00	164.10	0.44
				285.10	06-Nov-97	120.78	164.32	0.22
				285.10	09-Nov-98	116.30	168.80	4.48
				285.10	19-Jan-99	115.87	169.23	0.43

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				285.10	23-Apr-99	115.60	169.50	0.27
				285.10	09-Jul-99	115.56	169.54	0.04
24_NEW08	BP	122–162	Shallow	291.50	31-Oct-96	125.68	165.82	
				291.50	27-Nov-96	125.10	166.40	0.58
				291.50	26-Dec-96	124.92	166.58	0.18
				291.50	23-Jan-97	124.30	167.20	0.62
				291.50	27-Feb-97	123.90	167.60	0.40
				291.50	27-Mar-97	124.90	166.60	-1.00
				291.50	26-Jun-97	124.72	166.78	0.18
				291.50	12-Aug-97	124.78	166.72	-0.06
				291.50	24-Sep-97	124.40	167.10	0.38
				291.50	06-Nov-97	124.06	167.44	0.34
				291.50	09-Nov-98	119.83	171.67	4.23
				291.50	20-Jan-99	119.22	172.28	0.61
				291.50	23-Apr-99	118.76	172.74	0.46
				291.50	09-Jul-99	118.90	172.60	-0.14
24EX2	BP		Shallow	251.23	21-May-99	100.15	151.08	
				251.23	08-Jul-99	100.55	150.68	0.60
24EX3	BP		Shallow	289.43	20-May-99	104.76	184.67	
				289.43	28-Jul-99	104.60	184.83	0.24
24EX4	BP		Shallow	289.74	08-Jul-99	106.34	183.40	
24EX6	BP		Shallow	283.02	20-May-99	104.35	178.67	
				283.02	08-Jul-99	104.45	178.57	-0.10

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
24EX3OB1	BP	105–150	Shallow	288.84	10-Nov-98	105.60	183.24	
				288.84	20-Jan-99	104.96	183.88	0.64
				288.84	23-Apr-99	107.94	169.89	-13.99
				288.84	09-Jul-99	104.41	184.83	14.94
24EX3OB2	BP	105 -150	Shallow	288.07	10-Nov-98	104.23	183.84	
				288.07	20-Jan-99	103.62	184.45	0.61
				288.07	23-Apr-99	103.17	184.90	0.45
				288.07	09-Jul-99	102.70	185.37	0.47
24EX3OB3	BP	170–175	Shallow	288.18	10-Nov-98	102.69	185.49	
				288.18	20-Jan-99	102.58	185.60	0.11
				288.18	23-Apr-99	102.32	185.86	0.26
				288.18	09-Jul-99	102.65	185.53	-0.33
24EX4OB2	BP	105.7–150.7	Shallow	289.48	10-Nov-98	109.74	179.74	
				289.48	20-Jan-99	108.98	180.50	0.76
				289.48	23-Apr-99	109.74	179.74	-0.76
				289.48	09-Jul-99	108.48	181.00	1.26
24EX5OB1	BP	105–150	Shallow	283.19	10-Nov-98	103.60	179.59	
				283.19	20-Jan-99	102.85	180.34	0.75
				283.19	23-Apr-99	102.36	180.83	0.49
				283.19	09-Jul-99	102.28	180.91	0.08
24EX5OB2	BP	105–150	Shallow	283.91	10-Nov-98	104.03	179.88	
				283.91	20-Jan-99	102.91	181.00	1.12
				283.91	23-Apr-99	102.85	181.06	0.06

Table B-1 (continued)
Water Level Measurements and Groundwater Elevations
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Well Type	Screen Interval (feet bgs)	Groundwater Unit	Top of Casing Elevation (feet amsl)	Date Measured	Depth to Water (from TOC)	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				283.91	09-Jul-99	102.53	181.38	0.32
24EX6OB1	BP	106–151	Shallow	283.19	10-Nov-98	105.61	177.58	
				283.19	20-Jan-99	105.01	178.18	0.6
				283.19	23-Apr-99	104.33	178.86	0.68
				283.19	09-Jul-99	104.31	178.88	0.02
24EX6OB2	BP	105.4–150.4	Shallow	282.96	10-Nov-98	105.63	177.33	
				282.96	20-Jan-99	104.95	178.01	0.68
				282.96	23-Apr-99	104.45	178.51	0.5
				282.96	09-Jul-99	104.34	178.62	0.11
24EX6OB3	BP	218–223	Shallow	283.07	10-Nov-98	104.00	179.07	
				283.07	20-Jan-99	104.42	178.65	-0.42
				283.07	23-Apr-99	104.08	178.99	0.34
				283.07	09-Jul-99	104.83	178.24	-0.75

Notes:

Information in this table was compiled from technical documents provided by other CLEAN II Subcontractors.

BP = water table monitoring well/port
CL = well in monitoring well cluster
MP = multiport monitoring well
SH = well completed below water table
DP = well completed in deep production aquifer
BGS = below ground surface
AMSL = above mean sea level
TOC = top of well casing
NA = not available or applicable

Table B-2
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
18_BGMP06	A	445–455	Principal	175.41	07-Feb-96	127.57	
				175.41	27-Feb-96	128.48	0.91
				175.41	27-Mar-96	128.56	0.08
				175.41	01-Nov-96	99.35	-29.21
				175.41	26-Nov-96	114.41	15.06
				175.41	26-Dec-96	121.94	7.53
				175.41	23-Jan-97	127.68	5.74
				175.41	27-Feb-97	127.99	0.31
				175.41	27-Mar-97	113.15	-14.84
				175.41	26-Jun-97	101.41	-11.74
				175.41	12-Aug-97	100.24	-1.17
				175.41	24-Sep-97	97.90	-2.34
				175.41	05-Nov-97	112.73	14.83
				175.41	10-Nov-98	129.16	16.43
				175.41	19-Jan-99	127.71	-1.45
				175.41	21-Apr-99	122.34	-5.37
				175.41	06-Jul-99	113.20	-9.14
18_BGMP06	B	380–390	Principal	175.41	07-Feb-96	108.99	
				175.41	27-Feb-96	110.95	1.96
				175.41	27-Mar-96	109.09	-1.86
				175.41	01-Nov-96	69.58	-39.51
				175.41	26-Nov-96	91.16	21.58
				175.41	26-Dec-96	100.96	9.80

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				175.41	23-Jan-97	109.61	8.65
				175.41	27-Feb-97	107.99	-1.62
				175.41	27-Mar-97	87.57	-20.42
				175.41	26-Jun-97	71.02	-16.55
				175.41	12-Aug-97	69.45	-1.57
				175.41	24-Sep-97	66.48	-2.97
				175.41	05-Nov-97	84.19	17.71
				175.41	10-Nov-98	109.08	24.89
				175.41	19-Jan-99	107.68	-1.40
				175.41	21-Apr-99	98.73	-8.95
				175.41	06-Jul-99	84.58	-14.15
18_BGMP06	C	295–305	Principal	175.41	07-Feb-96	121.94	
				175.41	27-Feb-96	122.41	0.47
				175.41	27-Mar-96	122.81	0.40
				175.41	01-Nov-96	99.18	-23.63
				175.41	26-Nov-96	110.49	11.31
				175.41	26-Dec-96	117.17	6.68
				175.41	23-Jan-97	121.48	4.31
				175.41	27-Feb-97	122.15	0.67
				175.41	27-Mar-97	111.49	-10.66
				175.41	26-Jun-97	101.18	-10.31
				175.41	12-Aug-97	100.38	-0.80
				175.41	24-Sep-97	98.65	-1.73

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				175.41	05-Nov-97	108.84	10.19
				175.41	10-Nov-98	122.31	13.47
				175.41	19-Jan-99	123.03	0.72
				175.41	21-Apr-99	117.26	-5.77
				175.41	06-Jul-99	109.65	-7.61
18_BGMP06	D	168–178	Shallow	175.41	07-Feb-96	129.72	
				175.41	27-Feb-96	129.84	0.12
				175.41	27-Mar-96	129.84	0.00
				175.41	01-Nov-96	127.04	-2.80
				175.41	26-Nov-96	127.42	0.38
				175.41	26-Dec-96	128.85	1.43
				175.41	23-Jan-97	129.68	0.83
				175.41	27-Feb-97	130.29	0.61
				175.41	27-Mar-97	129.55	-0.74
				175.41	26-Jun-97	127.99	-1.56
				175.41	12-Aug-97	127.67	-0.32
				175.41	24-Sep-97	110.95	-16.72
				175.41	05-Nov-97	128.32	17.37
				175.41	10-Nov-98	132.47	4.15
				175.41	19-Jan-99	132.82	0.35
				175.41	21-Apr-99	131.87	-0.95
				175.41	06-Jul-99	131.56	-0.31
18_BGMP06	E	105–115	Shallow	175.41	07-Feb-96	126.02	

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				175.41	27-Feb-96	126.16	0.14
				175.41	27-Mar-96	126.25	0.09
				175.41	01-Nov-96	125.33	-0.92
				175.41	26-Nov-96	124.79	-0.54
				175.41	26-Dec-96	125.47	0.68
				175.41	23-Jan-97	125.89	0.42
				175.41	27-Feb-97	129.36	3.47
				175.41	27-Mar-97	126.11	-3.25
				175.41	26-Jun-97	125.54	-0.57
				175.41	12-Aug-97	125.45	-0.09
				175.41	24-Sep-97	125.62	0.17
				175.41	05-Nov-97	125.50	-0.12
				175.41	10-Nov-98	128.21	2.71
				175.41	19-Jan-99	128.35	0.14
				175.41	21-Apr-99	127.80	-0.55
				175.41	06-Jul-99	127.98	0.18
18_BGMP08	A	439–449	Principal	195.70	11-Jan-96	148.06	
				195.70	27-Mar-96	150.61	2.55
				195.70	07-Nov-96	133.62	-16.99
				195.70	26-Dec-96	146.20	12.58
				195.70	27-Feb-97	150.98	4.78
				195.70	27-Mar-97	142.80	-8.18
				195.70	27-Jun-97	135.23	-7.57

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				195.70	12-Aug-97	134.37	-0.86
				195.70	24-Sep-97	132.89	-1.48
				195.70	06-Nov-97	142.31	9.42
				195.70	10-Nov-98	152.09	9.78
				195.70	19-Jan-99	151.73	-0.36
				195.70	20-Apr-99	148.85	-2.88
				195.70	07-Jul-99	143.28	-5.57
18_BGMP08	C	297–307	Principal	195.70	11-Jan-96	152.35	
				195.70	27-Feb-96	151.43	-0.92
				195.70	27-Mar-96	151.86	0.43
				195.70	07-Nov-96	138.89	-12.97
				195.70	26-Dec-96	148.92	10.03
				195.70	27-Feb-97	152.48	3.56
				195.70	27-Mar-97	144.89	-7.59
				195.70	27-Jun-97	138.88	-6.01
				195.70	12-Aug-97	138.18	-0.70
				195.70	24-Sep-97	137.14	-1.04
				195.70	06-Nov-97	145.07	7.93
				195.70	10-Nov-98	153.70	8.63
				195.70	19-Jan-99	152.92	-0.78
				195.70	20-Apr-99	151.12	-1.80
				195.70	07-Jul-99	145.34	-5.78
18_BGMP08	D	126–136	Shallow	195.70	11-Jan-96	154.74	

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				195.70	27-Feb-96	154.83	0.09
				195.70	27-Mar-96	155.16	0.33
				195.70	07-Nov-96	152.45	-2.71
				195.70	26-Dec-96	154.98	2.53
				195.70	27-Feb-97	156.32	1.34
				195.70	27-Mar-97	155.41	-0.91
				195.70	27-Jun-97	154.18	-1.23
				195.70	12-Aug-97	153.99	-0.19
				195.70	24-Sep-97	153.80	-0.19
				195.70	06-Nov-97	154.63	0.83
				195.70	10-Nov-98	160.17	5.54
				195.70	19-Jan-99	157.93	-2.24
				195.70	20-Apr-99	157.64	-0.29
				195.70	07-Jul-99	156.64	-1.00
18_BGMP08	E	63 -73	Shallow	195.70	11-Jan-96	151.81	
				195.70	27-Feb-96	151.92	0.11
				195.70	07-Nov-96	150.76	-1.16
				195.70	26-Dec-96	152.39	1.63
				195.70	27-Feb-97	153.26	0.87
				195.70	27-Mar-97	153.19	-0.07
				195.70	27-Jun-97	152.62	-0.57
				195.70	12-Aug-97	152.39	-0.23
				195.70	24-Sep-97	152.38	-0.01

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				195.70	06-Nov-97	152.38	0.00
				195.70	10-Nov-98	155.21	2.83
				195.70	19-Jan-99	162.63	7.42
				195.70	20-Apr-99	155.24	2.61
				195.70	07-Jul-99	154.76	-0.48
18_BGMP10	A	1001-1011	Principal	58.24	19-Jan-96	34.45	
				58.24	27-Mar-96	40.50	6.05
				58.24	01-Nov-96	-18.91	-59.41
				58.24	25-Nov-96	5.82	24.73
				58.24	26-Dec-96	25.27	19.45
				58.24	23-Jan-97	45.78	20.51
				58.24	27-Feb-97	36.39	-9.39
				58.24	27-Mar-97	2.89	-33.50
				58.24	27-Jun-97	-31.31	-34.20
				58.24	12-Aug-97	-36.72	-5.41
				58.24	25-Sep-97	-44.50	-7.78
				58.24	06-Nov-97	-25.49	19.01
				58.24	10-Nov-98	36.17	61.66
				58.24	18-Jan-99	33.34	-2.83
				58.24	21-Apr-99	25.46	-7.88
				58.24	07-Jul-99	-5.10	-30.56
18_BGMP10B	B	887-897	Principal	58.24	19-Jan-96	37.66	
				58.24	27-Mar-96	118.86	81.20

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				58.24	01-Nov-96	-16.16	-135.02
				58.24	25-Nov-96	11.65	27.81
				58.24	26-Dec-96	30.33	18.68
				58.24	23-Jan-97	50.83	20.50
				58.24	27-Feb-97	35.94	-14.89
				58.24	27-Mar-97	-3.38	-39.32
				58.24	27-Jun-97	-35.77	-32.39
				58.24	12-Aug-97	-40.67	-4.90
				58.24	25-Sep-97	-47.18	-6.51
				58.24	06-Nov-97	-24.58	22.60
				58.24	10-Nov-98	43.29	67.87
				58.24	18-Jan-99	34.18	-9.11
				58.24	21-Apr-99	26.28	-7.90
				58.24	07-Jul-99	-7.47	-33.75
18_BGMP10C	C	752–762	Principal	58.24	19-Jan-96	41.86	
				58.24	27-Mar-96	34.89	-6.97
				58.24	01-Nov-96	-9.54	-44.43
				58.24	25-Nov-96	19.37	28.91
				58.24	26-Dec-96	36.36	16.99
				58.24	23-Jan-97	56.73	20.37
				58.24	27-Feb-97	33.13	-23.60
				58.24	27-Mar-97	-11.02	-44.15
				58.24	27-Jun-97	-42.21	-31.19

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				58.24	12-Aug-97	-45.78	-3.57
				58.24	25-Sep-97	-51.15	-5.37
				58.24	06-Nov-97	-23.60	27.55
				58.24	10-Nov-98	49.74	73.34
				58.24	18-Jan-99	30.87	-18.87
				58.24	21-Apr-99	22.72	-8.15
				58.24	07-Jul-99	-14.57	-37.29
18_BGMP10D	D	563–573	Principal	58.24	19-Jan-96	40.94	
				58.24	27-Mar-96	37.40	-3.54
				58.24	01-Nov-96	-8.82	-46.22
				58.24	25-Nov-96	20.65	29.47
				58.24	26-Dec-96	36.86	16.21
				58.24	23-Jan-97	56.06	19.20
				58.24	27-Feb-97	33.62	-22.44
				58.24	27-Mar-97	2.01	-31.61
				58.24	27-Jun-97	-28.33	-30.34
				58.24	12-Aug-97	-31.47	-3.14
				58.24	25-Sep-97	-37.52	-6.05
				58.24	06-Nov-97	-16.21	21.31
				58.24	10-Nov-98	54.35	70.56
				58.24	18-Jan-99	29.47	-24.88
				58.24	21-Apr-99	27.60	-1.87
				58.24	07-Jul-99	-8.41	-36.01

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
18_BGMP10E	E	429–439	Principal	58.24	19-Jan-96	55.65	
				58.24	27-Mar-96	60.15	4.50
				58.24	01-Nov-96	11.52	-48.63
				58.24	25-Nov-96	31.89	20.37
				58.24	26-Dec-96	47.93	16.04
				58.24	23-Jan-97	61.28	13.35
				58.24	27-Feb-97	57.47	-3.81
				58.24	27-Mar-97	40.29	-17.18
				58.24	27-Jun-97	47.24	6.95
				58.24	12-Aug-97	8.61	-38.63
				58.24	25-Sep-97	3.08	-5.53
				58.24	06-Nov-97	17.93	14.85
				58.24	10-Nov-98	54.35	36.42
				58.24	18-Jan-99	55.47	1.12
				58.24	21-Apr-99	47.54	-7.93
				58.24	07-Jul-99	30.09	-17.45
18_BGMP10F	F	218–228	Principal	58.24	19-Jan-96	70.10	
				58.24	27-Mar-96	72.90	2.80
				58.24	01-Nov-96	58.63	-14.27
				58.24	25-Nov-96	61.75	3.12
				58.24	26-Dec-96	67.55	5.80
				58.24	23-Jan-97	72.08	4.53
				58.24	27-Feb-97	71.97	-0.11

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				58.24	27-Mar-97	68.82	-3.15
				58.24	27-Jun-97	46.27	-22.55
				58.24	12-Aug-97	60.15	13.88
				58.24	25-Sep-97	58.93	-1.22
				58.24	06-Nov-97	60.12	1.19
				58.24	10-Nov-98	72.13	12.01
				58.24	18-Jan-99	73.23	1.10
				58.24	21-Apr-99	71.91	-1.32
				58.24	07-Jul-99	68.64	-3.27
18_MCAS01-1	1	60–70	Shallow	142.68	12-Jan-96	119.94	
				142.68	27-Feb-96	119.78	-0.16
				142.68	27-Mar-96	120.84	1.06
				142.68	31-Oct-96	118.60	-2.24
				142.68	25-Nov-96	118.37	-0.23
				142.68	26-Dec-96	118.83	0.46
				142.68	23-Jan-97	119.15	0.32
				142.68	27-Feb-97	115.80	-3.35
				142.68	27-Mar-97	115.73	-0.07
				142.68	26-Jun-97	115.05	-0.68
				142.68	12-Aug-97	114.71	-0.34
				142.68	24-Sep-97	114.52	-0.19
				142.68	05-Nov-97	114.38	-0.14
				142.68	09-Nov-98	115.88	1.50

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				142.68	18-Jan-99	115.35	-0.53
				142.68	20-Apr-99	114.69	-0.66
				142.68	06-Jul-99	114.10	-0.59
18_MCAS01-2	2	150–160	Shallow	142.68	12-Jan-96	112.41	
				142.68	27-Feb-96	110.79	-1.62
				142.68	27-Mar-96	113.85	3.06
				142.68	31-Oct-96	111.79	-2.06
				142.68	25-Nov-96	109.14	-2.65
				142.68	26-Dec-96	113.83	4.69
				142.68	23-Jan-97	114.77	0.94
				142.68	27-Feb-97	115.56	0.79
				142.68	27-Mar-97	114.94	-0.62
				142.68	26-Jun-97	113.70	-1.24
				142.68	12-Aug-97	113.29	-0.41
				142.68	24-Sep-97	113.05	-0.24
				142.68	05-Nov-97	113.39	0.34
				142.68	09-Nov-98	115.02	1.63
				142.68	18-Jan-99	114.81	-0.21
				142.68	20-Apr-99	114.09	-0.72
				142.68	06-Jul-99	112.91	-1.18
18_MCAS01-3	3	210–220	Shallow	142.68	12-Jan-96	111.84	
				142.68	27-Feb-96	111.49	-0.35
				142.68	27-Mar-96	113.88	2.39

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				142.68	31-Oct-96	97.80	-16.08
				142.68	25-Nov-96	103.69	5.89
				142.68	26-Dec-96	111.58	7.89
				142.68	23-Jan-97	114.81	3.23
				142.68	27-Feb-97	115.26	0.45
				142.68	27-Mar-97	106.32	-8.94
				142.68	26-Jun-97	100.16	-6.16
				142.68	12-Aug-97	99.38	-0.78
				142.68	24-Sep-97	98.31	-1.07
				142.68	05-Nov-97	106.11	7.80
				142.68	09-Nov-98	114.53	8.42
				142.68	18-Jan-99	115.24	0.71
				142.68	20-Apr-99	109.71	-5.53
				142.68	06-Jul-99	103.47	-6.24
18_MCAS01-4	4	270–280	Principal	142.68	12-Jan-96	103.88	
				142.68	27-Feb-96	108.29	4.41
				142.68	27-Mar-96	107.27	-1.02
				142.68	31-Oct-96	63.46	-43.81
				142.68	25-Nov-96	90.01	26.55
				142.68	26-Dec-96	100.42	10.41
				142.68	23-Jan-97	108.50	8.08
				142.68	27-Feb-97	107.44	-1.06
				142.68	27-Mar-97	82.26	-25.18

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				142.68	26-Jun-97	66.20	-16.06
				142.68	12-Aug-97	64.72	-1.48
				142.68	24-Sep-97	61.80	-2.92
				142.68	05-Nov-97	84.08	22.28
				142.68	09-Nov-98	107.53	23.45
				142.68	18-Jan-99	107.36	-0.17
				142.68	20-Apr-99	96.09	-11.27
				142.67	06-Jul-99	79.13	-16.96
18_MCAS01-5	5	330–340	Principal	142.68	12-Jan-96	104.04	
				142.68	27-Feb-96	108.86	4.82
				142.68	27-Mar-96	108.09	-0.77
				142.68	31-Oct-96	62.82	-45.27
				142.68	25-Nov-96	90.45	27.63
				142.68	26-Dec-96	100.96	10.51
				142.68	23-Jan-97	109.08	8.12
				142.68	27-Feb-97	108.30	-0.78
				142.68	27-Mar-97	92.47	-15.83
				142.68	26-Jun-97	65.32	-27.15
				142.68	12-Aug-97	63.84	-1.48
				142.68	24-Sep-97	60.84	-3.00
				142.68	05-Nov-97	84.03	23.19
				142.68	09-Nov-98	108.26	24.23
				142.68	18-Jan-99	107.77	-0.49

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				142.68	20-Apr-99	96.71	-11.06
				142.68	06-Jul-99	78.88	-17.83
18_MCAS01-6	6	450–460	Principal	142.68	12-Jan-96	103.30	
				142.68	27-Feb-96	108.74	5.44
				142.68	27-Mar-96	107.19	-1.55
				142.68	31-Oct-96	56.85	-50.34
				142.68	25-Nov-96	88.91	32.06
				142.68	26-Dec-96	100.11	11.20
				142.68	23-Jan-97	109.17	9.06
				142.68	27-Feb-97	107.77	-1.40
				142.68	27-Mar-97	91.39	-16.38
				142.68	26-Jun-97	59.18	-32.21
				142.68	12-Aug-97	57.29	-1.89
				142.68	24-Sep-97	54.16	-3.13
				142.68	05-Nov-97	81.43	27.27
				142.68	09-Nov-98	107.91	26.48
				142.68	18-Jan-99	106.99	-0.92
				142.68	20-Apr-99	93.92	-13.07
				142.68	06-Jul-99	75.03	-18.89
18_MCAS01-7	7	540–550	Principal	142.68	12-Jan-96	97.27	
				142.68	27-Feb-96	102.82	5.55
				142.68	27-Mar-96	104.38	1.56
				142.68	31-Oct-96	62.45	-41.93

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				142.68	25-Nov-96	77.13	14.68
				142.68	26-Dec-96	89.13	12.00
				142.68	23-Jan-97	97.07	7.94
				142.68	27-Feb-97	101.04	3.97
				142.68	27-Mar-97	100.19	-0.85
				142.68	26-Jun-97	69.49	-30.70
				142.68	12-Aug-97	66.45	-3.04
				142.68	24-Sep-97	62.94	-3.51
				142.68	05-Nov-97	76.17	13.23
				142.68	09-Nov-98	96.93	20.76
				142.68	18-Jan-99	104.14	7.21
				142.68	20-Apr-99	96.15	-7.99
				142.68	06-Jul-99	84.39	-1.76
18_MCAS02-1	1	40–50	Shallow	163.91	12-Jan-96	133.03	
				163.91	27-Feb-96	133.31	0.28
				163.91	27-Mar-96	133.19	-0.12
				163.91	31-Oct-96	130.98	-2.21
				163.91	25-Nov-96	131.18	0.20
				163.91	26-Dec-96	131.53	0.35
				163.91	23-Jan-97	132.04	0.51
				163.91	27-Feb-97	132.82	0.78
				163.91	27-Mar-97	132.89	0.07
				163.91	26-Jun-97	131.85	-1.04

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Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				163.91	12-Aug-97	131.25	-0.60
				163.91	24-Sep-97	130.95	-0.30
				163.91	05-Nov-97	131.21	0.26
				163.91	09-Nov-98	131.14	-0.07
				163.91	18-Jan-99	131.14	0.00
				163.91	19-Apr-99	131.14	0.00
				163.91	06-Jul-99	131.14	0.00
18_MCAS02-2	2	130–140	Shallow	163.91	12-Jan-96	127.18	
				163.91	27-Feb-96	124.66	-2.52
				163.91	27-Mar-96	125.32	0.66
				163.91	31-Oct-96	124.03	-1.29
				163.91	25-Nov-96	124.62	0.59
				163.91	26-Dec-96	125.88	1.26
				163.91	23-Jan-97	126.63	0.75
				163.91	27-Feb-97	127.50	0.87
				163.91	27-Mar-97	127.09	-0.41
				163.91	26-Jun-97	125.68	-1.41
				163.91	12-Aug-97	124.98	-0.70
				163.91	24-Sep-97	125.08	0.10
				163.91	05-Nov-97	84.94	-40.14
				163.91	09-Nov-98	129.50	44.56
				163.91	18-Jan-99	129.44	-0.06
				163.91	19-Apr-99	128.70	-0.74

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				163.91	06-Jul-99	127.64	-1.06
18_MCAS02-3	3	200–210	Shallow	163.91	12-Jan-96	123.83	
				163.91	27-Feb-96	123.82	-0.01
				163.91	27-Mar-96	124.28	0.46
				163.91	31-Oct-96	114.25	-10.03
				163.91	25-Nov-96	119.12	4.87
				163.91	26-Dec-96	122.02	2.90
				163.91	23-Jan-97	123.97	1.95
				163.91	27-Feb-97	124.49	0.52
				163.91	27-Mar-97	120.11	-4.38
				163.91	26-Jun-97	116.01	-4.10
				163.91	12-Aug-97	115.36	-0.65
				163.91	24-Sep-97	114.78	-0.58
				163.91	05-Nov-97	118.82	4.04
				163.91	09-Nov-98	125.92	7.10
				163.91	18-Jan-99	126.08	0.16
				163.91	19-Apr-99	124.19	-1.89
				163.91	06-Jul-99	120.86	-3.33
18_MCAS02-4	4	370–380	Principal	163.91	12-Jan-96	121.23	
				163.91	27-Feb-96	122.61	1.38
				163.91	27-Mar-96	126.82	4.21
				163.91	31-Oct-96	87.89	-38.93
				163.91	25-Nov-96	107.70	19.81

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				163.91	26-Dec-96	116.29	8.59
				163.91	27-Feb-97	122.42	6.13
				163.91	27-Mar-97	103.20	-19.22
				163.91	26-Jun-97	89.13	-14.07
				163.91	12-Aug-97	88.76	-0.37
				163.91	24-Sep-97	86.41	-2.35
				163.91	05-Nov-97	103.96	17.55
				163.91	09-Nov-98	124.65	20.69
				163.91	18-Jan-99	123.93	-0.72
				163.91	19-Apr-99	118.47	-5.46
				163.91	06-Jul-99	103.99	-14.48
18_MCAS02-5	5	420–430	Principal	163.91	12-Jan-96	122.45	
				163.91	27-Feb-96	124.13	1.68
				163.91	27-Mar-96	124.35	0.22
				163.91	31-Oct-96	90.33	-34.02
				163.91	25-Nov-96	109.37	19.04
				163.91	26-Dec-96	117.79	8.42
				163.91	23-Jan-97	124.27	6.48
				163.91	27-Feb-97	124.14	-0.13
				163.91	27-Mar-97	105.94	-18.20
				163.91	26-Jun-97	92.46	-13.48
				163.91	12-Aug-97	91.18	-1.28
				163.91	24-Sep-97	88.80	-2.38

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				163.91	05-Nov-97	105.72	16.92
				163.91	09-Nov-98	126.71	20.99
				163.91	18-Jan-99	125.99	-0.72
				163.91	19-Apr-99	120.72	-5.27
				163.91	06-Jul-99	106.75	-13.97
18_MCAS02-6	6	490–500	Principal	163.91	12-Jan-96	115.94	
				163.91	27-Feb-96	119.48	3.54
				163.91	27-Mar-96	120.90	1.42
				163.91	31-Oct-96	96.44	-24.46
				163.91	25-Nov-96	99.34	2.90
				163.91	26-Dec-96	106.83	7.49
				163.91	23-Jan-97	112.27	5.44
				163.91	27-Feb-97	117.33	5.06
				163.91	27-Mar-97	116.92	-0.41
				163.91	26-Jun-97	104.26	-12.66
				163.91	12-Aug-97	100.64	-3.62
				163.91	24-Sep-97	98.51	-2.13
				163.91	05-Nov-97	101.81	3.30
				163.91	09-Nov-98	118.80	16.99
				163.91	18-Jan-99	125.75	6.95
				163.91	19-Apr-99	122.45	-3.30
				163.91	06-Jul-99	118.31	-4.14
18_MCAS02-7	7	550–560	Principal	163.91	12-Jan-96	116.76	

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				163.91	27-Feb-96	119.95	3.19
				163.91	27-Mar-96	121.40	1.45
				163.91	31-Oct-96	97.50	-23.90
				163.91	25-Nov-96	100.57	3.07
				163.91	26-Dec-96	107.65	7.08
				163.91	23-Jan-97	113.04	5.39
				163.91	27-Feb-97	118.06	5.02
				163.91	27-Mar-97	117.81	-0.25
				163.91	26-Jun-97	104.91	-12.90
				163.91	12-Aug-97	101.46	-3.45
				163.91	24-Sep-97	99.38	-2.08
				163.91	05-Nov-97	102.77	3.39
				163.91	09-Nov-98	119.45	16.68
				163.91	18-Jan-99	126.37	6.92
				163.91	19-Apr-99	123.17	-3.20
				163.91	06-Jul-99	118.94	-4.23
18_MCAS02-8	8	620–630	Principal	163.91	12-Jan-96	114.02	
				163.91	27-Feb-96	117.24	3.22
				163.91	27-Mar-96	119.28	2.04
				163.91	31-Oct-96	96.70	-22.58
				163.91	25-Nov-96	99.12	2.42
				163.91	26-Dec-96	105.64	6.52
				163.91	23-Jan-97	110.63	4.99

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				163.91	27-Feb-97	115.75	5.12
				163.91	27-Mar-97	116.71	0.96
				163.91	26-Jun-97	104.55	-12.16
				163.91	12-Aug-97	100.65	-3.90
				163.91	24-Sep-97	98.92	-1.73
				163.91	05-Nov-97	101.17	2.25
				163.91	09-Nov-98	117.54	16.37
				163.91	18-Jan-99	124.55	7.01
				163.91	19-Apr-99	122.17	-2.38
				163.91	06-Jul-99	118.24	-3.93
18_MCAS03-1	1	80–90	Shallow	218.60	12-Jan-96	146.92	
				218.60	27-Feb-96	146.92	0.00
				218.60	27-Mar-96	147.80	0.88
				218.60	01-Nov-96	145.57	-2.23
				218.60	25-Nov-96	143.36	-2.21
				218.60	26-Dec-96	143.66	0.30
				218.60	23-Jan-97	144.07	0.41
				218.60	27-Feb-97	145.20	1.13
				218.60	27-Mar-97	145.11	-0.09
				218.60	26-Jun-97	150.70	5.59
				218.60	12-Aug-97	144.41	-6.29
				218.60	24-Sep-97	144.76	0.35
				218.60	05-Nov-97	144.47	-0.29

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				218.60	09-Nov-98	148.02	3.55
				218.60	18-Jan-99	148.55	0.53
				218.60	19-Apr-00	148.77	0.22
				218.60	06-Jul-99	148.63	-0.14
18_MCAS03-2	2	160–170	Shallow	218.60	12-Jan-96	144.12	
				218.60	27-Feb-96	144.38	0.26
				218.60	27-Mar-96	144.90	0.52
				218.60	01-Nov-96	144.35	-0.55
				218.60	25-Nov-96	144.14	-0.21
				218.60	26-Dec-96	144.49	0.35
				218.60	23-Jan-97	144.43	-0.06
				218.60	27-Feb-97	146.30	1.87
				218.60	27-Mar-97	146.04	-0.26
				218.60	26-Jun-97	145.14	-0.90
				218.60	12-Aug-97	144.90	-0.24
				218.60	24-Sep-97	144.98	0.08
				218.60	05-Nov-97	145.12	0.14
				218.60	09-Nov-98	149.00	3.88
				218.60	18-Jan-99	149.35	0.35
				218.60	19-Apr-99	149.52	0.23
				218.60	06-Jul-99	149.37	-0.15
18_MCAS03-3	3	220–230	Shallow	218.60	12-Jan-96	145.66	
				218.60	27-Feb-96	146.50	0.84

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				218.60	27-Mar-96	147.00	0.50
				218.60	01-Nov-96	137.72	-9.28
				218.60	25-Nov-96	142.43	4.71
				218.60	26-Dec-96	144.36	1.93
				218.60	23-Jan-97	146.44	2.08
				218.60	27-Feb-97	147.53	1.09
				218.60	27-Mar-97	143.37	-4.16
				218.60	26-Jun-97	139.95	-3.42
				218.60	12-Aug-97	139.64	-0.31
				218.60	24-Sep-97	139.25	-0.39
				218.60	05-Nov-97	143.47	4.22
				218.60	09-Nov-98	149.56	6.09
				218.60	18-Jan-99	148.94	-0.62
				218.60	19-Apr-99	147.42	-1.52
				218.60	06-Jul-99	145.12	-2.30
18_MCAS03-4	4	340–350	Principal	218.60	12-Jan-96	143.62	
				218.60	27-Feb-96	145.49	1.87
				218.60	27-Mar-96	145.95	0.46
				218.60	01-Nov-96	123.90	-22.05
				218.60	25-Nov-96	136.89	12.99
				218.60	26-Dec-96	141.22	4.33
				218.60	23-Jan-97	144.61	3.39
				218.60	27-Feb-97	146.32	1.71

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				218.60	27-Mar-97	132.36	-13.96
				218.60	26-Jun-97	125.79	-6.57
				218.60	12-Aug-97	125.04	-0.75
				218.60	24-Sep-97	123.83	-1.21
				218.60	05-Nov-97	137.94	14.11
				218.60	09-Nov-98	147.87	9.93
				218.60	18-Jan-99	142.29	-5.58
				218.60	19-Apr-99	138.74	-3.55
				218.60	06-Jul-99	134.21	-4.53
18_MCAS03-5	5	420–430	Principal	218.60	12-Jan-96	142.49	
				218.60	27-Feb-96	144.85	2.36
				218.60	27-Mar-96	145.24	0.39
				218.60	01-Nov-96	121.88	-23.36
				218.60	25-Nov-96	134.88	13.00
				218.60	26-Dec-96	139.88	5.00
				218.60	23-Jan-97	144.09	4.21
				218.60	27-Feb-97	145.48	1.39
				218.60	27-Mar-97	132.12	-13.36
				218.60	26-Jun-97	124.35	-7.77
				218.60	12-Aug-97	123.22	-1.13
				218.60	24-Sep-97	121.60	-1.62
				218.60	05-Nov-97	135.86	14.26
				218.60	09-Nov-98	147.19	11.33

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				218.60	18-Jan-99	144.93	-2.26
				218.60	19-Apr-99	141.92	-3.01
				218.60	06-Jul-99	135.16	-6.76
18_MCAS03-6	6	490–500	Principal	218.60	12-Jan-96	144.20	
				218.60	27-Feb-96	146.21	2.01
				218.60	27-Mar-96	146.83	0.62
				218.60	01-Nov-96	124.77	-22.06
				218.60	25-Nov-96	136.69	11.92
				218.60	26-Dec-96	141.57	4.88
				218.60	23-Jan-97	145.12	3.55
				218.60	27-Feb-97	147.09	1.97
				218.60	27-Mar-97	135.10	-11.99
				218.60	26-Jun-97	127.68	-7.42
				218.60	12-Aug-97	126.72	-0.96
				218.60	24-Sep-97	124.89	-1.83
				218.60	05-Nov-97	138.17	13.28
				218.60	09-Nov-98	148.92	10.75
				218.60	18-Jan-99	147.12	-1.80
				218.60	19-Apr-99	144.51	-2.61
				218.60	06-Jul-99	138.57	-5.94
18_MCAS07-1	1	90–100	Shallow	101.72	12-Jan-96	89.07	
				101.72	28-Feb-96	89.55	0.48
				101.72	27-Mar-96	89.90	0.35

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				101.72	01-Nov-96	87.24	-2.66
				101.72	26-Nov-96	87.98	0.74
				101.72	26-Dec-96	88.63	0.65
				101.72	23-Jan-97	88.39	-0.24
				101.72	27-Feb-97	88.62	0.23
				101.72	27-Mar-97	88.21	-0.41
				101.72	12-Aug-97	87.21	-1.00
				101.72	24-Sep-97	87.12	-0.09
				101.72	06-Nov-97	86.87	-0.25
				101.72	09-Nov-98	87.19	0.32
				101.72	19-Jan-99	87.19	0.00
				101.72	20-Apr-99	87.19	0.00
				101.72	07-Jul-99	87.19	0.00
18_MCAS07-2	2	190–200	Shallow	101.72	12-Jan-96	95.24	
				101.72	28-Feb-96	97.32	2.08
				101.72	27-Mar-96	96.10	-1.22
				101.72	01-Nov-96	75.99	-20.11
				101.72	26-Nov-96	86.60	10.61
				101.72	26-Dec-96	92.35	5.75
				101.72	23-Jan-97	96.56	4.21
				101.72	27-Feb-97	96.61	0.05
				101.72	27-Mar-97	87.87	-8.74
				101.72	02-Jul-97	79.11	-8.76

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				101.72	12-Aug-97	78.39	-0.72
				101.72	24-Sep-97	77.05	-1.34
				101.72	06-Nov-97	84.01	6.96
				101.72	09-Nov-98	95.06	11.05
				101.72	19-Jan-99	96.14	1.08
				101.72	20-Apr-99	90.60	-5.54
				101.72	07-Jul-99	83.83	-6.77
18_MCAS07-3	3	350–360	Principal	101.72	12-Jan-96	68.37	
				101.72	28-Feb-96	76.70	8.33
				101.72	27-Mar-96	66.41	-10.29
				101.72	01-Nov-96	11.74	-54.67
				101.72	26-Nov-96	47.37	35.63
				101.72	26-Dec-96	61.78	14.41
				101.72	23-Jan-97	76.54	14.76
				101.72	27-Feb-97	68.28	-8.26
				101.72	27-Mar-97	34.89	-33.39
				101.72	02-Jul-97	6.95	-27.94
				101.72	12-Aug-97	5.09	-1.86
				101.72	24-Sep-97	-1.28	-6.37
				101.72	06-Nov-97	26.81	28.09
				101.72	09-Nov-98	70.91	44.10
				101.72	19-Jan-99	64.56	-6.35
				101.72	20-Apr-99	52.71	-11.85

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				101.72	07-Jul-99	26.51	-26.20
18_MCAS07-4	4	440–450	Principal	101.72	12-Jan-96	59.28	
				101.72	28-Feb-96	70.35	11.07
				101.72	27-Mar-96	53.24	-17.11
				101.72	01-Nov-96	-2.51	-55.75
				101.72	26-Nov-96	36.73	39.24
				101.72	26-Dec-96	50.55	13.82
				101.72	23-Jan-97	69.29	18.74
				101.72	27-Feb-97	56.93	-12.36
				101.72	27-Mar-97	16.13	-40.80
				101.72	02-Jul-97	-17.77	-33.90
				101.72	12-Aug-97	-19.73	-1.96
				101.72	24-Sep-97	-23.50	-3.77
				101.72	06-Nov-97	9.95	33.45
				101.72	09-Nov-98	61.48	51.53
				101.72	19-Jan-99	55.17	-6.31
				101.72	20-Apr-99	42.43	-12.74
				101.72	07-Jul-99	7.01	-35.42
18_MCAS07-5	5	510–520	Principal	101.72	12-Jan-96	64.20	
				101.72	28-Feb-96	74.39	10.19
				101.72	27-Mar-96	61.67	-12.72
				101.72	01-Nov-96	-0.18	-61.85
				101.72	26-Nov-96	41.35	41.53

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				101.72	26-Dec-96	55.19	13.84
				101.72	23-Jan-97	73.09	17.90
				101.72	27-Feb-97	64.82	-8.27
				101.72	27-Mar-97	22.50	-42.32
				101.72	02-Jul-97	-9.25	-31.75
				101.72	12-Aug-97	-11.26	-2.01
				101.72	24-Sep-97	-14.79	-3.53
				101.72	06-Nov-97	17.30	32.09
				101.72	09-Nov-98	65.67	48.37
				101.72	19-Jan-99	61.27	-4.40
				101.72	20-Apr-99	49.77	-11.50
				101.72	07-Jul-99	15.42	-34.35
18_MCAS07-6	6	800–810	Principal	101.72	12-Jan-96	52.54	
				101.72	28-Feb-96	41.22	-11.32
				101.72	27-Mar-96	49.18	7.96
				101.72	01-Nov-96	45.68	-3.50
				101.72	26-Nov-96	46.98	1.30
				101.72	26-Dec-96	48.24	1.26
				101.72	23-Jan-97	49.38	1.14
				101.72	27-Feb-97	51.37	1.99
				101.72	27-Mar-97	52.13	0.76
				101.72	02-Jul-97	50.06	-2.07
				101.72	12-Aug-97	48.17	-1.89

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				101.72	24-Sep-97	47.28	-0.89
				101.72	06-Nov-97	45.92	-1.36
				101.72	09-Nov-98	51.83	5.91
				101.72	19-Jan-99	54.71	2.88
				101.72	20-Apr-99	56.28	1.57
				101.72	07-Jul-99	55.68	-0.60
18_MCAS07-7	7	910–920	Principal	101.72	12-Jan-96	50.78	
				101.72	28-Feb-96	40.22	-10.56
				101.72	27-Mar-96	45.44	5.22
				101.72	01-Nov-96	45.38	-0.06
				101.72	26-Nov-96	46.69	1.31
				101.72	26-Dec-96	47.80	1.11
				101.72	23-Jan-97	48.75	0.95
				101.72	27-Feb-97	50.95	2.20
				101.72	27-Mar-97	51.08	0.13
				101.72	02-Jul-97	49.78	-1.30
				101.72	12-Aug-97	47.90	-1.88
				101.72	24-Sep-97	46.99	-0.91
				101.72	06-Nov-97	45.57	-1.42
				101.72	09-Nov-98	51.27	5.70
				101.72	19-Jan-99	53.72	2.45
				101.72	20-Apr-99	55.48	1.76
				101.72	07-Jul-99	55.04	-0.44

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
18_MCAS07-8	8	980–990	Principal	101.72	12-Jan-96	51.78	
				101.72	28-Feb-96	92.16	40.38
				101.72	27-Mar-96	73.43	-18.73
				101.72	01-Nov-96	49.34	-24.09
				101.72	26-Nov-96	51.38	2.04
				101.72	26-Dec-96	51.65	0.27
				101.72	23-Jan-97	51.90	0.25
				101.72	27-Feb-97	52.27	0.37
				101.72	27-Mar-97	51.38	-0.89
				101.72	02-Jul-97	51.76	0.38
				101.72	12-Aug-97	51.03	-0.73
				101.72	24-Sep-97	51.34	0.31
				101.72	06-Nov-97	50.87	-0.47
				101.72	09-Nov-98	51.57	0.70
				101.72	19-Jan-99	52.16	0.59
				101.72	20-Apr-99	53.07	0.91
				101.72	07-Jul-99	53.31	0.24
18_MCAS07-9	9	1080–1090	Principal	101.72	28-Feb-96	45.83	
				101.72	27-Mar-96	58.04	12.21
				101.72	01-Nov-96	49.45	-8.59
				101.72	26-Nov-96	51.36	1.91
				101.72	26-Dec-96	52.16	0.80
				101.72	23-Jan-97	52.55	0.39

Table B-2 (continued)
Potentiometric Groundwater Elevations
Multiport Groundwater Wells
Groundwater Monitoring—MCAS El Toro 1996-1999

Station ID	Port	Screen Interval (feet bgs)	Groundwater Unit	TOC Elevation (feet amsl)	Date Measured	Water Elevation (feet amsl)	Change from Prior Elevation (feet)
				101.72	27-Feb-97	52.98	0.43
				101.72	27-Mar-97	51.35	-1.63
				101.72	02-Jul-97	52.58	1.23
				101.72	12-Aug-97	51.83	-0.75
				101.72	24-Sep-97	52.13	0.30
				101.72	06-Nov-97	51.63	-0.50
				101.72	09-Nov-98	52.32	0.69
				101.72	19-Jan-99	52.94	0.62
				101.72	20-Apr-99	53.62	0.68
				101.72	07-Jul-99	53.44	-0.18

Notes:

Data in this table is compiled from technical documents provided by other CLEAN II contractors.

BGS = below ground surface
CL = well in monitoring well cluster
DP = well completed in deep production aquifer.
MP = multiple port monitoring well
MSL = mean sea level
NA = not available or applicable
TOC = top of well casing
WT = water table monitoring well/port
SH = well completed below water table and above top of intermediate horizon

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Appendix C

Summary of VOC Analytical Results

Table C-1
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
01-DGMW57	27-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
01-DGMW58	6-Aug-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methyl Disulfide	11 JN
01MW101	6-Aug-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
01MW102	28-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
01MW201	28-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02_DGMW59	15-Dec-92	0.6	J	1.0	U	1.0	U	1.0	U	1.0	U		
	23-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	6-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	6-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	4-Nov-96	0.7	J	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Mar-97	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U	Bromodichloromethane	0.6 J
	26-Mar-97											Chlorodibromomethane	0.7 J
	26-Mar-97											Methylene Chloride	2.0
	3-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	28-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.4 J
	7-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	27-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	03-May-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	21-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
02_DGMW60	18-Nov-92	**82.0**		**8.0**		**8.0**		6.0		1.0	U	1,2-Dichloroethane	0.9 J
	23-Jun-93	**61.0**		**6.0**		5.0		5.0		1.0	U	1,1,2-Trichloroethane	2.0
	23-Jun-93											1,2-Dichloroethane	0.6 J
	15-Aug-95	**91.0**		4.6	J	**8.0**	J	5.6	J	1.0	U	1,2-Dichloroethane	0.8 J
	15-Aug-95											1,1,2 Trichloroethane	1.7 J
02_DGMW60	28-Nov-95	**81.0**		4.0	J	1.0	U	5.1		1.0	U		
	6-Feb-96	**98.0**		4.0		1.0		6.0		1.0	U	1,1,2-Trichloroethane	2.0
	6-Feb-96	**98.0**		3.0		0.8	J	5.0		1.0	U	1,1,2-Trichloroethane	2.0
	4-Nov-96	**203.0**		7.0		20.0		17.0		1.0	U	1,1,2-Trichloroethane	6.0
	4-Nov-96											1,2-Dichloroethane	2.0
	26-Mar-97	**150.0**		5.0	J	**10.0**		10.0		10.0	U	1,1,2-Trichloroethane	5.0 J
	26-Mar-97											Chlorodibromomethane	5.0 J
	1-Jul-97	**160.0**		5.0		**18.0**		18.0		1.0	U	1,1,2-Trichloroethane	**6.0**
	1-Jul-97											1,2-Dichloroethane	2.0
	1-Jul-97											Bromomethane	0.7 J
	28-Oct-97	**190.0**		**6.0**		**21.0**		20.0		1.0	U	1,1,2-Trichloroethane	**7.0**
	28-Oct-97											1,2-Dichloroethane	2.0
	28-Oct-97	**190.0**		**6.0**		**22.0**		21.0		1.0	U	1,1,2-Trichloroethane	**7.0**
	28-Oct-97											1,2-Dichloroethane	2.0
	28-Oct-97											1,2-Dichloropropane	0.3 J
	12-Oct-98	**130.0**		4.2		**16.3**		16.0		1.0	U	1,1,2-Trichloroethane	**6.2**
	12-Oct-98											1,2-Dichloroethane	1.3 J
	25-Jan-99	**130.0**		4.6		**16.2**		18		1.0	U	1,1,2-Trichloroethane	**5.9**

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L													
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
		5.0		5.0		(total)		100.0		1.0			Result		
	25-Jan-99											1,2-Dichloroethane	1.8		
	03-May-99	130.0		4.4		15		16		1.0	U	1,1,2-Trichloroethane	5		
	03-May-99											1,2-Dichloroethane	1.5		
	03-May-99											1,2-Dichloropropane	0.2	J	
	19-Jul-99	140.0		4.7		16.2		18		1.0	U	1,1,2-Trichloroethane	5.9		
	19-Jul-99											1,2-Dichloroethane	2.1		
02_DGMW61	14-Dec-92	1.0		2.0		1.0	U	1.0	U	1.0	U				
	22-Jun-93	2.0		4.0		1.0	U	1.0	U	1.0	U				
	16-Aug-95	1.0	U	13.0		1.0	U	1.0	U	1.0	U				
	29-Nov-95	1.0	U	19.0		1.0	U	1.0	U	1.0	U				
	8-Feb-96	1.0	U	14.0		1.0	U	1.0	U	1.0	U				
	4-Nov-96	1.0	U	20.0		1.0	U	1.0	U	1.0	U				
	26-Mar-97	0.8	J	12.0		1.0	U	1.0	U	1.0	U				
	2-Jul-97	1.0	U	10.0		1.0	U	1.0	U	1.0	U				
	28-Oct-97	0.9	J	11.0		1.0	U	1.0	U	1.0	U				
	8-Oct-98	1.0	U	5.2		1.0	U	1.0	U	1.0	U				
	25-Jan-99	0.5	J	6.2		1.0	U	1.0	U	1.0	U				
	27-Apr-99	0.5	J	6		1.0	U	1.0	U	1.0	U				
	19-Jul-99	1.0	U	6		1.0	U	1.0	U	1.0	U				

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L													
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
		5.0		5.0		(total)		100.0		1.0			Result		
02NEW2	21-Dec-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	26-Nov-96	1.0		1.0	U	1.0	U	1.0	U	1.0	U				
	26-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	3-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	27-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.4	J	
	8-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	27-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	04-May-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	20-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
02NEW8A	27-Dec-95	1.0	U	**16.0**		1.0	U	1.0	U	1.0	U				
	7-Nov-96	1.0	U	**19.0**		1.0	U	1.0	U	1.0	U				
02NEW8A	25-Mar-97	1.0	U	**11.0**		1.0	U	1.0	U	1.0	U				
	2-Jul-97	1.0	U	**12.0**		1.0	U	1.0	U	1.0	U				
	27-Oct-97	0.6	J	**12.0**		1.0	U	1.0	U	1.0	U				
	14-Oct-98	1.0	U	**14.0**		1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.6	J	
	14-Oct-98	1.0	U	**13.0**		1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.6	J	
	28-Jan-99	1.0	U	**13**		1.0	U	1.0	U	1.0	U				
	27-Apr-99	1.0	U	**9.3**		1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.4	J	
	20-Jul-99	1.0	U	**14**		1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	1.1		
02NEW11	21-Dec-95	1.0	U	2.0		1.0	U	1.0	U	1.0	U				
	12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	25-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	8-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
	23-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	14-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	21-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Apr-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02NEW11	15-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02NEW15	12-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	01-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Apr-99	1.0	U	1.0	U	0.4		1.0	U	1.0	U	1,2 Dichlorobenzene	3.5
	26-Apr-99											Chlorobenzene	0.6
	26-Apr-99											Dichlorodifluoromethane	0.5
	19-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02NEW16	8-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02NEW16	26-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	4-May-99	1.0	U	0.3	J	1.0	U	1.0	U	1.0	U		
	21-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02_UGMW25	12-Sep-92	0.9	J	1.0	U	1.0	U	1.0	U	1.0	U		
	22-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	17-Aug-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	28-Nov-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	8-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
	23-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	7-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	0.8 J
	1-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Apr-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
02_UGMW25	15-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
03_DGMW64	15-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	6-Feb-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	12-Nov-96	1.0	U	1.0	U	1.0	U	1.0		1.0	U		
	12-Nov-96	1.0	U	1.0	U	1.0	U	1.0		1.0	U		
	4-Mar-97	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U	Methylene Chloride	3.0
	30-Jun-97	1.0	U	1.0	U	1.0	U	0.9	J	1.0	U		
	16-Oct-97	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U		
	13-Oct-98	1.0	U	1.0	U	1.0	U	0.7	J	1.0	U		
	2-Feb-99	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U		
	6-May-99	1.0	U	1.0	U	1.0	U	0.9	J	1.0	U		
	26-Jul-99	1.0	U	1.0	U	1.0	U	1.3		1.0	U		
03_DGMW65X	18-Jan-93	1.0	U	1.0	U	1.0	U	1.0		1.0	U		
	7-Jul-93	1.0	U	1.0	U	1.0	U	1.0		1.0	U		
	26-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	11-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	4-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
	30-Jun-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
	15-Oct-97	1.0	U	1.0	U	1.0	U	0.5	J	1.0	U		
	13-Oct-98	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U		
	29-Jan-99	1.0	U	1.0	U	1.0	U	0.9	J	1.0	U		
	7-May-99	1.0	U	1.0	U	1.0	U	0.7	J	1.0	U		
02_UGMW25	26-Jul-99	1.0	U	1.0	U	1.0	U	0.9	J	1.0	U		
03_UGMW26	10-Jan-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	23-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	27-Feb-96	0.3	J	0.6	J	1.0	U	1.0	U	1.0	U		
	14-Nov-96	1.0		2.0		1.0	U	1.0	U	1.0	U		
	14-Nov-96	1.0		2.0		1.0	U	1.0	U	1.0	U		
	6-Mar-97	1.0	J	2.0		1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
	1-Jul-97	0.8	J	1.0		1.0	U	1.0	U	1.0	U		
	17-Oct-97	0.9	J	2.0		1.0	U	1.0	U	1.0	U	Methylene Chloride	0.6 J
	13-Oct-98	0.9	J	1.1		1.0	U	1.0	U	1.0	U		
	3-Feb-99	1.0	J	1.3		1.0	U	1.0	U	1.0	U		
	5-May-99	1.0		1.4		1.0	U	1.0	U	1.0	U		
	22-Jul-99	1.2		1.4		1.0	U	1.0	U	1.0	U		
04_DBMW40	12-Mar-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2-Hexanone	7.0
	24-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	**4.0**			
	12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	**40.0**			
	5-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
	30-Jun-97	1.0	U	1.0	U	1.0	U	1.0	U	**14.0**			
	16-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	**2.0**			

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
	15-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	0.8 J
	04-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	5-May-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
04_DGMW66	14-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	24-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	26-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	0.7	J		
	4-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	1-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	15-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	16-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	0.8 J
	04-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	11-May-99	1.0	U	1.0	U	1.0	U	0.4	J	1.0	U	Silane	1.1 JN
	23-Jul-99	1.0	U	1.0	U	1.0	U	0.5	J	1.0	U		
04_UGMW63	24-Nov-92	1.0	U	1.0	U	1.0	U	1.0	U	**3.0**		Methylene Chloride	2.0
	25-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	**4.0**		Methylene Chloride	0.6 J
	30-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	**3.0**			
	14-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	**7.0**			
	14-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	**7.0**			
	15-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	0.8 J
	04-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	05-May-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Butane	1.5 JN

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L													
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
		5.0		5.0		(total)		100.0		1.0			Result		
	26-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	0.9	J	Unknown C8H18	5.3	J	
	26-Jul-99											Unknown Substituted Alkane	2.1	J	
	26-Jul-99											Unknown Substituted Alkane	2.5	J	
	26-Jul-99											Unknown Substituted Alkane	3.4	J	
05_DBMW41	16-Nov-92	1.0	U	0.8	J	1.0	U	1.0	U	1.0	U				
	20-Oct-93	1.0	U	0.7	J	1.0	U	1.0	U	1.0	U				
	5-Dec-95	1.0	U	0.8	J	1.0	U	1.0	U	1.0	U				
	5-Dec-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	13-Nov-96	1.0	U	0.8	J	1.0	U	1.0	U	1.0	U	Methylene Chloride	2.0		
	13-Mar-97	1.0	U	0.6	J	1.0	U	1.0	U	1.0	U				
	8-Jul-97	1.0	U	0.6	J	1.0	U	1.0	U	1.0	U				
	21-Oct-97	1.0	U	0.5	J	1.0	U	1.0	U	1.0	U				
	16-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	3-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	10-May-99	1.0	U	0.2	J	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.3	J	
	22-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.6	J	
05_DGMW67	30-Nov-92	1.0	U	1.0	U	1.0	U	1.0	U	0.3	J				
	6-Mar-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	6-Dec-95	1.0	U	0.8	J	1.0	U	1.0	U	1.0	U				
	9-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
	13-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	2.0		
	14-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
	20-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	22-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	10-May-99	1.0	U	0.4	J	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.3 J
	22-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.8 J
05_DGMW68	17-Dec-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.5 J
	29-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	9-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	27-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	15-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	5-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
	1-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	17-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	19-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	02-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	13-May-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Silane	1.5
	22-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
05NEW1	28-Dec-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	13-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
	13-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	21-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	19-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
	2-Feb-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	14-May-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	23-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
05_UGMW27	12-Mar-92	0.6	J	0.9	J	1.0	U	1.0	U	1.0	U		
	6-Mar-93	0.6	J	0.8	J	1.0	U	1.0	U	1.0	U		
	17-Aug-95	2.0	J	0.6	J	1.0	U	1.0	U	1.0	J	Chlorobenzene	1.0 J
	17-Aug-95											Toluene	2.0 J
	8-Dec-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	29-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	13-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	13-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
	9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	21-Oct-97	1.0	U	0.5	J	1.0	U	1.0	U	1.0	U		
	21-Oct-97	1.0	U	0.6	J	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.3 J
	20-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	0.9 J
	22-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	
	10-May-99	1.0	U	0.3	U	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	
	21-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Dichlorodifluoromethane	

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
17_DGMW82	6-Mar-93	1.0	U	1.0	U	1.0	U	5.0		1.0	U	Methylene Chloride	0.9 J
	2-Aug-93	1.0	U	1.0	U	1.0	U	7.0		1.0	U	Methylene Chloride	1.0 J
	6-Dec-95	1.0	U	1.0	U	1.0	U	0.9	J	1.0	U		
	9-Feb-96	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U		
	20-Nov-96	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U		
	1-Apr-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	9-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	29-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	30-Apr-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
17_NEW1	12-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	20-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	24-Mar-97	0.6	J	1.0	U	1.0	U	1.0	U	1.0	U		
	30-Jun-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Ethylbenzene	1.0
	23-Oct-97	1.0		1.0	U	1.0	U	1.0	U	1.0	U		
	9-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	22-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	30-Apr-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-1 (continued)
Summary of Detected VOCs in Groundwater, Sites 2, 3, 5, 17 (1992-1999), MCAS El Toro

Station ID	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L											
		TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
		5.0		5.0		(total)		100.0		1.0			Result
17_NEW2	3-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	20-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	24-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	30-Jun-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	23-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.4 J
	9-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	29-Jan-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	30-Apr-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
	16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Notes:

Data in this table is compiled from technical documents provided by other CLEAN II contractors.

BOLD results exceed regulatory standard

(1) Table lists results for primary volatile organic compounds (VOCs) detected in groundwater sampling Rounds 1 through 8. All concentrations in micrograms per liter (ug/L)
(2) Data qualifiers: U = not detected above the listed detection limit; J = estimated concentration
(3) VOC abbreviations and regulatory standards (listed at top of results columns):
Trichloroethene (TCE), federal maximum contaminant level (MCL) 5.0 µg/L
Tetrachloroethene (PCE), federal MCL 5.0 µg/L
1,2-Dichloroethene (1,2-DCE) total, results include cis-1,2-DCE and (State MCL 6.0 ug/L) and trans-1,2-DCE
Benzene, State MCL 1.0 µg/L

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Table C-2
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
07_DBMW43	190	12-Jan-92	1.0	U	1.0	U	0.3	J	1.0	U	1.0	U	1.0	U	1.0	U				
		29-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Feb-96	3.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		21-Nov-96	4.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		7-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		1.0	
		3-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		22-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		0.3	J
		2-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		30-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone		1.4	J
		30-Jul-99															Carbon Disulfide		1.1	J
07_DBMW100	171	8-Dec-92	1.0	U	1.0	U	0.6	J	1.0	U	1.0	U	1.0	U	1.0	U				
		4-Jun-93	1.0	U	1.0	U	0.6	J	1.0	U	1.0	U	1.0	U	1.0	U				
		31-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		20-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		10-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		22-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		0.3	J
		26-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		27-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide		0.64	J
08_DGMW74	130	16-Nov-92	100.0		8.0		6.0		5.0		1.0	U	6.0		1.0	U	Chloromethane		0.9	J
		20-Jul-93	100.0		6.0		5.0		3.0		1.0	U	7.0		1.0	U	Chloromethane		3.0	
		14-Feb-96	47.0		1.0		2.0		1.0	U	1.0	U	5.0		1.0	U	1,1-Dichloroethane		0.9	J
		14-Feb-96															Toluene		5.0	
		13-Nov-96	103.0		1.0		2.0		1.0		1.0		6.0		1.0	U				
		19-Mar-97	81.0		3.0	U	3.0	U	3.0	U	3.0	U	4.0		3.0	U				
		19-Mar-97	74.0		3.0	U	3.0	U	3.0	U	3.0	U	4.0		3.0	U				
		7-Jul-97	79.0		0.8	J	1.0		1.0	U	0.7	J	4.0		1.0	U				
		27-Oct-97	63.0		2.0		0.9	J	0.9	U	2.0		4.0		1.0	U	1,2-Dichloroethane		2.0	
		28-Oct-98	73.0		0.6	J	0.7	J	1.0	U	1.0	U	3.6		1.0	U				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																			
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		28-Jul-99	83.0		0.61		0.97	J	1.0	U	1.6		4.5		1.0	U	Acetone		2.5	J
08_UGMW29	135	12-Aug-92	20.0		1.0	U	1.0	U	1.0	U	1.0	U	0.8	J	1.0	U	Toluene		0.7	J
		12-Aug-92															Xylenes		1.0	J
		7-Sep-93	12.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Feb-96	8.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene		16.0	
		25-Nov-96	17.0		1.0	U	1.0	U	1.0	U	1.0	U	0.7	J	1.0	U				
		12-Mar-97	5.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		7-Jul-97	7.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		24-Oct-97	5.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Freon-113		0.4	J
		4-Nov-98	13.0		1.0	U	0.3	J	1.0	U	1.0	U	0.5	J	1.0	U				
		28-Jul-99	18.0		1.0	U	1.0	U	1.0	U	1.0	U	0.67	J	1.0	U	Carbon Disulfide		0.7	J
09_DBMW45	157	20-Jul-92	1000.0		5.0		3.0		2.0		1.0	U	2.0		1.0	U				
		12-Oct-92	1800.0		7.0		6.0		1.0	U	1.0	U	2.0		1.0	U	Freon-113		70.0	J
		12-Oct-92	2000.0		8.0		7.0		4.0		1.0		3.0		1.0	U	1,2-Dichloroethane		0.5	J
		13-Jul-93	1700.0		5.0		5.0		1.0	U	1.0	U	2.0		1.0	U	Freon-113		30.0	J
		20-Nov-95	250.0		3.0	J	3.0	J					10.0				Toluene		8.0	
		15-Feb-96	679.0		4.0		3.0		3.0		1.0	U	2.0	U	1.0	U	Toluene		8.0	
		18-Nov-96	604.0		6.0		4.0		4.0		0.9	J	2.0		1.0	U	1,1,2,2-Tetrachloroethane		0.8	J
		18-Nov-96															Freon-113		20.0	
		18-Nov-96															1,2-Dichloroethane		1.0	
		18-Nov-96															Bromodichloromethane		0.9	J
		18-Nov-96															Chlorobenzene		2.0	J
		18-Nov-96															Chlorodibromomethane		0.9	J
		18-Nov-96															Methylene Chloride		2.0	
		24-Mar-97	1450.0		5.0		3.0		7.0		1.0	U	2.0		1.0	U	Freon-113		5.0	J
		8-Jul-97	1400.0		5.0		4.0		7.0		1.0		2.0		1.0	U	Freon-113		7.0	J
		8-Jul-97	1500.0		5.0		4.0		1.0	U	1.0		2.0		1.0	U	Freon-113		7.0	J
		22-Oct-97	1800.0		6.0		4.0		8.0		0.6	J	2.0		1.0	U	Acetone		160.0	J
		22-Oct-97	1800.0		6.0		4.0		8.0		0.6	J	2.0		1.0	U	Freon-113		7.0	J

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0			Result		
		22-Oct-97															Methylene Chloride	47.0	J	
		21-Oct-98	**1300.0**		3.1		**1.1**		**36.0**	J	1.0	U	1.3		1.0	U	1,1-Dichloroethane	0.6	J	
		03-Aug-99	**870**		1.8		**1.8**	J	**31**	J	1.0	U	0.9	J	1.0	U	1,1-Dichloroethane	0.67	J	
09_DGMW75	154	12-Jan-92	**270.0**		**8.0**		**3.0**		0.5	J	1.0	U	0.9	J	1.0	J	Chloromethane	0.6	J	
		7-Dec-93	**280.0**		5.0		**2.0**		1.0	U	1.0	U	0.9	J	1.0	U				
		14-Feb-96	**293.0**		2.0		**1.0**		1.0	U	1.0	U	1.0		1.0	U				
		4-Dec-96	**468.0**		**9.0**		**3.0**		3.0		1.0	U	2.0		1.0	U	Freon-113	12.0		
		25-Mar-97	**483.0**		20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	Methylene Chloride	210.0		
		8-Jul-97	**450.0**		5.0		**2.0**		1.0	U	1.0		2.0		1.0	U	Freon-113	6.0	J	
		8-Jul-97	**430.0**		5.0		**2.0**		1.0	U	1.0		2.0		1.0	U	Freon-113	6.0	J	
		23-Oct-97	**390.0**		5.0		**3.0**		3.0		1.0		2.0		1.0	U	Freon-113	7.0	J	
		23-Oct-97	**480.0**		25.0	U	**25.0**	U	25.0	U	25.0	U	25.0	U	25.0	U				
		22-Oct-98	**850.0**		**7.0**		**1.8**	J	5.0		1.0	U	2.8		1.0	U				
		27-Jul-99	**840**		**7.1**		**3.2**		4		0.51	J	3.4		1.0	U	Acetone	16	J	
13_DGMW78	167	23-Nov-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**110.0**		Ethylbenzene	2.0		
		23-Nov-92															Xylenes	26.0		
		16-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**12.0**		Ethylbenzene	8.0		
		16-Jun-93															Xylenes	9.0		
		1-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1,2-Dichloroethane	1.0		
		19-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0		1,2-Dichloroethane	2.0		
		9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2-Hexanone	8.0	J	
		21-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1,2-Dichloroethane	9.0	J	
		21-Oct-97															Methylene Chloride	4.0	J	
		5-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0		1,2-Dichloroethane	2.0		
		28-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon disulfide	0.71	J	
		28-Jul-99															Unknown C8H18	15	J	
		28-Jul-99															Unknown C8H18	3.3	J	
		28-Jul-99															Unk.Substituted Alkane	2.8	J	

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
15_DBMW51	165	12-Apr-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**120.0**		Xylenes		36.0	
		10-Aug-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**63.0**		2-Hexanone		5.0	
		10-Aug-93																		
		13-Aug-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**150.0**		Xylenes		30.0	
		13-Aug-93															Chloromethane		1.0	J
		13-Aug-93																		
		6-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**3.0**		1,1,1-Trichloroethane		1.0	
		6-Feb-96															Xylenes		3.0	
		4-Dec-96	**39.0**		**6.0**		1.0	U	1.0	U	1.0	U	1.0		**12.0**		1,1,1-Trichloroethane		2.0	
		4-Dec-96															Bromodichloromethane		0.7	J
		4-Dec-96															Bromomethane		1.5	J
		25-Mar-97	**8.0**		0.5	J	1.0	U	1.0	U	1.0	U	0.9	J	**5.0**		Bromodichloromethane		0.7	J
		25-Mar-97															Chlorodibromomethane		0.6	J
		2-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**2.0**		Bromomethane		10.0	
		2-Jul-97															Chloromethane		1.0	J
		2-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**2.0**		Bromomethane		10.0	
		2-Jul-97															Chloromethane		4.0	J
		2-Jul-97															Methylene Choride		11.0	
		28-Oct-97	4.0	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**2.0**		Xylenes		1.0	
		28-Oct-97	4.0	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**2.0**		Xylenes		1.0	
		28-Oct-97																		
		6-Nov-98	**14.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	**3.3**					
		29-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon disulfide		0.63	J
		29-Jul-99															Unknown C8H18		6.4	J
		29-Jul-99															Unknown C8H18		5.5	J
		29-Jul-99															Unk. Substituted Alkane		2.8	J
18_BGMW03C	242	23-Jul-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		1.0	J
		17-Dec-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene		0.8	J
		15-Jul-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L															
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		0.5		6.0		(total)				1.0			Result
		12-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	10.0
		7-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		21-Mar-97	0.5	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		17-Oct-97	0.5	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		2-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		2-Aug-99	0.77	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
18_BGMW03E	164	17-Dec-92	**370.0**		1.0		1.0		1.0	U	1.0	U	0.6	J	1.0	U	Freon-113	10.0 J
		15-Jul-93	**210.0**		0.8	J	**0.8**	J	1.0	U	1.0	U	0.6	J	1.0	U		
		5-Feb-96	**139.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		21-Nov-96	**196.0**		1.0		**0.7**	J	1.0		1.0	U	1.0	U	1.0	U	Freon-113	5.0 J
		18-Mar-97	**123.0**		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		
		18-Mar-97	**122.0**		5.0	U	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U		
		8-Jul-97	**330.0**		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U		
		22-Oct-97	**83.0**		0.4	J	1.0	U	0.5	J	1.0	U	1.0	U	1.0	U	1,1-Dichloroethene	0.5 J
		22-Oct-97															Freon-113	1.0 J
		22-Oct-97															4-Methyl-2-Pentanone	0.4 J
		22-Oct-97															Methylene Chloride	0.5 J
		22-Oct-97															1,1-Dichloroethene	0.5 J
		22-Oct-97															Freon-113	1.0 J
		22-Oct-97															4-Methyl-2-Pentanone	0.4 J
		22-Oct-97															Methylene Chloride	1.0
		2-Nov-98	**110.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		2-Aug-99	**130**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon disulfide	0.96 J
		2-Aug-99	**110**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon disulfide	0.85 J
18_BGMW04A	306	6-Sep-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		30-Sep-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	1.0
		16-Jul-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		28-Jan-96	1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		11-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		17-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		7.0	
		17-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		6.0	
		6-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		2-Aug-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0					
18_BGMW04B	210	15-Jun-92	5.0		5.0		1.0	U	1.0	U	1.0		1.0	U	1.0	U				
		29-Sep-92	**14.0**		**11.0**		1.0	U	1.0	U	2.0		0.5	J	1.0	U	Chloromethane		2.0	J
		13-Jul-93	**8.0**		**6.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Jan-96	4.0		3.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Jan-96	4.0		4.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Nov-96	**6.0**		5.0		1.0	U	1.0	U	0.6	J	1.0	U	1.0	U	1,1,2,2-Tetrachloroethane		1.0	J
		14-Nov-96															Chlorobenzene		0.6	J
		14-Nov-96															Chlorodibromomethane		0.7	J
		18-Mar-97	4.0		4.0		1.0	U	1.0	U	0.5	J	1.0	U	1.0	U				
		18-Mar-97	4.0		4.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		9-Jul-97	4.0		4.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		20-Oct-97	**6.0**		**6.0**		1.0	U	1.0	U	0.7	J	1.0	U	1.0	U	Toluene		0.4	J
		6-Nov-98	2.8		2.2		1.0	U	1.0	U	0.4	J	1.0	U	1.0	U				
		6-Nov-98	2.8		2.3		1.0	U	1.0	U	0.3	J	1.0	U	1.0	U				
		2-Aug-99	1.0	U	3.4		1.0	U	1.0	U	0.53	J	1.0	U	1.0	U				
18_BGMW05C	245	16-Jul-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone		3.0	
		11-Oct-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane		0.8	J
		7-Sep-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		29-Feb-96	1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene		2.0	
		7-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		5.0	
		19-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		28-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		2-Aug-99	1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_BGMW05D	133	11-Mar-92	**39.0**		**30.0**		1.0	U	1.0	U	3.0		0.6	J	1.0	U	1,1,2-Trichloroethane		0.5	J

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0			Result		
		11-Mar-92															2-Butanone	1.0	J	
		7-Dec-93	56.0		25.0		1.0	U	1.0	U	5.0		0.9	J	1.0	U	1,1,2-Trichloroethane	0.9	J	
		19-Feb-96	14.0		9.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	3.0		
		4-Dec-96	23.0		19.0		1.0	U	1.0	U	1.0		0.5	J	1.0	U	Methylene Chloride	1.0		
		19-Mar-97	15.0		11.0		1.0	U	1.0	U	0.8	J	1.0	U	1.0	U				
		7-Jul-97	20.0		12.0		1.0	U	1.0	U	0.8	J	1.0	U	1.0	U				
		27-Oct-97	13.0		12.0		1.0	U	1.0	U	1.0		0.4	J	1.0	U	1.2-Dichloroethane	2.0		
		27-Oct-97															Methylene Chloride	0.4	JB	
		23-Oct-98	9.1		13.0		1.0	U	1.0	U	0.3	J	1.0	U	1.0	U				
		2-Aug-99	4.8		8.4		1.0	U	1.0	U	0.3	J	1.0	U	1.0	U	Carbon Disulfide	0.56	J	
18_BGMW14	115	18-Jun-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.5	J	
		18-Jun-92															Methylene Chloride	0.6	J	
		20-Oct-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Oct-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	0.8	J	
		16-Feb-96	6.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	3.0		
		15-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		15-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		18-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		18-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		2-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		30-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_BGMW101	130	13-Nov-92	29.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	2.0		
		19-Jul-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		29-Jan-96	15.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Nov-96	21.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Nov-96	20.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		18-Mar-97	15.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		18-Mar-97	16.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		9-Jul-97	16.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0			Result		
		20-Oct-97	19.0		1.0	U	1.0	U	1.0	U	0.4	J	1.0	U	1.0	U				
		23-Oct-98	19.0		1.0	U	1.0	U	1.0	U	0.5	J	1.0	U	1.0	U				
		27-Jul-99	21		1.0	U	1.0	U	1.0	U	0.76	J	1.0	U						
18_DW135	135	15-Jul-88	5.0		0.5	U	56.0				0.5	U	11.0							
		22-Sep-88	7.0		0.5	U	61.0				0.5	U	14.0							
		20-Jan-89	3.4		0.5	U	45.0				0.5	U	11.0							
		22-Dec-92	0.6	J	1.0	U	17.0		1.0	U	1.0	U	3.0		1.0	U				
		19-Feb-96	12.0		1.0	U	10.0		1.0	U	1.0	U	1.0		1.0	U	Toluene	9.0		
		5-Nov-96	18.0		1.0	U	19.0		1.0	U	1.0	U	2.0		1.0	U	Methylene Chloride	1.0	J	
		7-Mar-97	23.0		1.0	U	13.0		1.0	U	1.0	U	0.9	J	1.0	U				
		7-Jul-97	27.0		1.0	U	15.0		1.0	U	1.0	U	1.0		1.0	U				
		24-Oct-97	30.0		1.0	U	15.0		0.6	J	1.0	U	1.0		1.0	U				
		23-Oct-98	76.0		1.0	U	19.0	J	1.1		1.0	U	1.1		1.0	U				
		27-Jul-99	44		1.0	U	21		0.83	J	1.0	U	1.2		1.0	U				
		27-Jul-99	42		1.0	U	20		0.74	J	1.0	U	1.2		1.0	U				
18_DW250		15-Jul-88	0.5	U	0.5	U	8.0				0.5	U	0.5	U						
		22-Sep-88	0.5	U	0.5	U	15.0				0.5	U	0.5	U						
		20-Jan-89	0.5	U	0.5	U	3.1				0.5	U	0.5	U						
		21-Dec-92	1.0	U	1.0	U	7.0		1.0	U	1.0	U	1.0	U	1.0	U				
		7-Jun-93	1.0		1.0	U	5.0		1.0	U	1.0	U	1.0	J	1.0	U				
		31-Jan-96	1.0	U	1.0	U	2.0		1.0	U	1.0	U	1.0	U	1.0	U	Toluene	9.0		
		5-Nov-96	1.0	U	1.0	U	11.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0		
		7-Mar-97	1.0	U	1.0	U	1.0		1.0	U	1.0	U	1.0	U	1.0	U				
		27-Oct-98	1.0	U	1.0	U	1.3	J	1.0	U	1.0	U	1.0	U	1.0	U				
		30-Jul-99	1.0	U	1.0	U	12		1.0	U	1.0	U	1.0	U	1.0	U				
18_DW350	350	15-Jul-88	0.5	U	0.5	U	0.5	U			0.5	U	0.5	U						
		22-Sep-88	0.5	U	0.5	U	0.5	U			0.5	U	0.5	U						
		20-Jan-89	0.5	U	0.5	U	0.5	U			0.5	U	0.5	U						
		15-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		1-Nov-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		29-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene		13.0	
		29-Jan-96															Methylene Chloride		1.0	
		6-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		6-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		27-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		30-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_DW450	450	15-Jul-88	0.1		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U						
		22-Sep-88	2.5		0.5	U	0.5	U	0.5	U	0.5	U	0.3							
		20-Jan-89	0.2		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U						
		30-Jun-93	1.0	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		1-Dec-93	2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		29-Jan-96	4.0		1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene		4.0	
		5-Nov-96	5.0		2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		6-Mar-97	4.0		2.0		1.0	U	1.0	U	0.8	J	0.5	U	1.0	U				
		27-Oct-98	3.5		1.4		1.0	U	1.0	U	0.6	J	1.0	U	1.0	U				
		30-Jul-99	2.0		1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_DW540	540	15-Jul-88	0.4		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U						
		22-Sep-88	0.3		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U						
		21-Jan-89	0.4		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U						
		7-Jan-93	2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		13-Jan-93	2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		30-Jan-96	4.0		1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		6-Nov-96	3.0		1.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		6-Mar-97	3.0		2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		27-Oct-98	2.6		0.6	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_DW540	540	3-Jul-99	1.9		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS03-1	95	30-Jul-99	0.5	U	0.5	U					0.5	U	2.8							
		6-Dec-88	0.5	U	0.5	U					0.5	U	2.8							

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L															
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		0.5		6.0		(total)				1.0			Result
		30-Jan-89	0.5	U	0.5	U					0.5	U	2.1					
		13-Apr-89	0.5	U	0.5	U					0.5	U	2.1					
		10-Oct-89	0.5	U	0.5	U					0.5	U	1.6					
		9-Feb-90	0.5	U	0.5	U					0.5	U	1.1					
		13-Mar-90	0.5	U	0.5	U					0.5	U	0.8					
		17-May-90	0.5	U	0.5	U					0.5	U	0.5					
		2-Sep-90	0.5	U	0.5	U					0.5	U	1.1					
		11-Sep-90	0.5	U	0.5	U					0.5	U	0.7					
		9-Nov-90	0.5	U	0.5	U					0.5	U	0.7					
		4-Apr-91	0.5	U	0.5	U					0.5	U	1.2					
		18-Jul-91	0.5	J	0.5	U					0.5	U	0.5	J				
		18-Oct-91	0.5	U	0.5	U					0.5	U	0.5	J				
		19-May-92	0.5	U	0.5	U					0.5	U	0.5	U				
		15-Sep-92	0.5	J	0.5	U					0.5	U	0.5	J				
		15-Sep-92	0.5	J	0.5	U					0.5	U	0.5	J				
		6-Feb-93	0.5		0.5	U							0.5		0.5	U		
		10-Jun-93	0.5		0.5	U							0.5		0.5	U		
		6-Oct-93	0.5	U	0.5	U							0.5	U	0.5	U		
		22-Nov-93	1.0	U	1.0	U					1.0	U	1.0	U	1.0	U		
		16-Jun-94		Trace		ND						ND		ND		ND		
		20-Dec-95	1.0			ND						ND		Trace		ND		
		6-Feb-96	2.0		1.0	U					1.0	U	1.0	U	1.0	U		
		15-Jun-96	1.4			ND						ND	0.6			ND		
		6-Nov-96	5.0		1.0	U					1.0	U	1.0	U	1.0	U		
		12-Mar-97	5.0		1.0	U					1.0	U	1.0	U	1.0	U		
		4-Apr-97	4.0			ND						ND		ND		ND		
		1-Jul-97	3.0		1.0	U					1.0	U	1.0	U	1.0	U		
		14-Oct-97	5.0		1.0	U					1.0	U	1.0	U	1.0	U	Methylene Chloride	2.0
		7-Oct-98	17.0		1.0	U					0.7	J	1.0	U	1.0	U	2-Hexanone	1.3

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		13-Jul-99	**19**		1.0	U	1.0	U	1.0	U	0.89	J	1.0	U	1.0	U				J
18_MCAS03-2	170	12-Jun-88	0.5	U	0.5	U					0.5	U	0.7							
		6-Dec-88	0.5	U	0.5	U					0.5	U	0.7							
		30-Jan-89	0.5	U	0.5	U					0.5	U	0.5	J						
		13-Apr-89	0.5	U	0.5	U					0.5	U	0.5	J						
		10-Oct-89	4.6		0.5	U					0.5	U	1.0							
		9-Feb-90	**14.6**		0.5	U					0.5	U	0.5							
		13-Mar-90	**18.1**		0.5	J					0.5	U	0.5	J						
		17-May-90	**7.6**		0.5	U					0.5	U	0.5	J						
		2-Sep-90	**14.6**		0.5	U					0.5	U	0.5							
		11-Sep-90	**15.7**		0.7						0.5	U	0.7							
		9-Nov-90	**15.7**		0.7						0.5	U	0.7							
		4-Apr-91	**23.4**		1.1						0.5	U	2.7							
		18-Jul-91	**20.6**		1.0						0.5	U	0.5	J						
		18-Oct-91	**49.3**		2.2						0.5	U	1.2							
		14-May-92	**42.2**		1.6						1.3		0.5	J						
		15-Sep-92	**23.7**		0.7						0.8		0.6							
		6-Feb-93	**41.1**		1.4						1.6		0.6		0.5	U				
		10-Jun-93	**41.1**		1.4								0.6		0.5	U				
		2-Jun-93	**44.7**		1.6								0.6		0.5	U				
		10-Jun-93	**52.4**		1.8								0.6		0.5	U				
		19-Nov-93	**52.4**		1.8						1.0	U	1.0	U	1.0	U				
		16-Jun-94	**30.7**			ND						ND		Trace		ND				
		20-Dec-95	**76.0**		1.8						0.8			Trace		ND				
		6-Feb-96	**33.0**		1.0						1.0	U	1.0	U	1.0	U				
		15-Jun-96	**84.6**		1.8						1.1			Trace		ND				
		6-Nov-96	**115.0**		2.0						4.0		1.0	U	1.0	U				
		11-Mar-97	**107.0**		5.0	U					4.0	J	5.0	U	5.0	U				
		4-Apr-97	**64.0**		1.5						5.7		0.8			ND				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		1-Jul-97	88.0		1.0						4.0		1.0	U	1.0	U	Vinyl Chloride		7.0	J
		14-Oct-97	71.0		0.6	J					4.0	J	0.3	J	1.0	U	Methylene Chloride		1.0	
		14-Oct-97	72.0		0.6	J					4.0	J	1.0	U	1.0	U				
		8-Oct-98	130.0		0.9	J					7.0		0.5	J	1.0	U	Toluene		1.4	
		13-Jul-99	140		0.78		1.0	U	1.0	U	8.5		1.0	U	1.0	U				
		13-Jul-99	140		0.94		1.0	U	1.0	U	9.2		1.0	U	1.0	U				
18_MCAS03-3	230	12-Jun-88	0.5	U	0.5	U					0.5	U	0.5	U						
		6-Dec-88	0.5	U	0.5	U					0.5	U	0.5	U						
		30-Jan-89	0.5	U	0.5	U					0.5	U	0.5	U						
		13-Apr-89	0.5	U	0.5	U					0.5	U	0.5	U						
		10-Sep-89	0.5	U	0.5	U					0.5	U	0.5	U						
		9-Oct-89	0.5	U	0.5	U					0.5	U	0.5	U						
		9-Feb-90	0.5	U	0.5	U					0.5	U	0.5	U						
		13-Mar-90	0.5	U	0.5	U	0.3				0.5	U	0.5	U						
		17-May-90	0.5	U	0.5	U	0.4				0.5	U	0.5	U						
		2-Sep-90	0.5	U	0.5	U	1.0	J	1.0	U	0.5	U	0.5	U						
		11-Sep-90	0.5	U	0.5	U	1.0	U	1.0	U	0.5	U	0.5	U						
		9-Nov-90	0.5	U	0.5	U	1.0	U	1.0	U	0.5	U	0.5	U						
		4-Apr-91	0.5	U	0.5	U	1.0	U	1.0	U	0.5	U	0.5	U						
		18-Jul-91	0.5	U	0.5	U	1.0	U	1.0	U	0.5	U	0.5	U						
		18-Oct-91	0.5	U	0.5	U	1.0	U	1.0	U	0.5	U	0.5	U						
		14-May-92	0.5	U	0.5	U	0.5	U			0.5	U	0.5	U						
		15-Sep-92	0.5	U	0.5	U	0.5	U			0.5	U	0.5	U						
		6-Feb-93	0.5	U	0.5	U	1.0	U	1.0	U			0.5	U	0.5	U				
		2-Jun-93	0.5	U	0.5	U	1.0	U	1.0	U			0.5	U	0.5	U				
		10-Jun-93	0.5	U	0.5	U	1.0	U	1.0	U			0.5	U	0.5	U				
		6-Oct-93	0.5	U	0.5	U	1.0	U	1.0	U			0.5	U	0.5	U				
		19-Nov-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		16-Jun-94		ND		ND	1.0	U	1.0	U		ND		ND		ND				

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Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		20-Dec-95		ND		Trace	1.0	U	1.0	U		ND		ND		ND				
		6-Feb-96	1.0	U	1.0	U	1.0	U	0.6	J	1.0	U	1.0	U	1.0	U				
		15-Jun-96		ND		Trace						ND		ND		ND				
		6-Nov-96	1.0	U	1.0	U	0.5	U			1.0	U	1.0	U	1.0	U				
		11-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		4-Apr-97		ND		Trace	1.0	U	1.0	U		ND		ND		ND				
		1-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Oct-97	0.3	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.4	J	
		8-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	1.7	J	
		8-Oct-98					1.0	U	1.0	U							Carbon Disulfide	17.0		
		12-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
21_DGMW90	135	18-Dec-92	1.0		0.8	J	1.0	U	1.0	U	1.0	U	0.6	J	1.0	U	Methylene Chloride	0.6	J	
		6-Oct-93	3.0		1.0		1.0	U	1.0	U	1.0	U	3.0		1.0	U				
		2-Feb-96	3.0		2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		26-Nov-96	3.0		2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0		
		26-Nov-96															Freon-113	1.0	J	
		20-Mar-97	4.0		3.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		23-Oct-98	7.3		4.1		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		28-Jul-99	7.6		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
22_DBMW47	156	29-Sep-92	1000.0		7.0		5.0		1.0	U	1.0	U	3.0		1.0	U				
		13-Jul-93	1200.0		4.0		5.0		2.0		1.0	U	2.0		1.0	U				
		15-Feb-96	467.0		2.0		3.0		1.0		1.0	U	2.0		1.0	U				
		2-Dec-96	990.0		5.0		3.0		3.0		1.0	U	2.0		1.0	U	Freon-113	15.0		
		24-Mar-97	733.0		3.0		3.0		3.0		1.0	U	2.0		1.0	U	Freon-113	7.0	J	
		8-Jul-97	760.0		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	Freon-113	100.0		
		8-Jul-97	730.0		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	Freon-113	100.0		
		23-Oct-97	540.0		3.0		3.0		3.0		3.0		1.0	U	1.0	U	Freon-113	8.0	J	
		23-Oct-97	770.0		25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U				
		4-Nov-98	450.0		1.2		1.6		1.5		1.0	U	0.8	J	1.0	U				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		4-Nov-98	**450.0**		1.2		**1.6**		1.5		1.0	U	0.8	J	1.0	U				
		3-Aug-99	**450.0**		1.5		**1.8**		1.6		1.0	U	0.95		1.0	U				
24EX3		20-May-99	**11**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		20-May-99	**11**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		28-Jul-99	**9.9**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
24EX3OB1	150	8-Aug-97	**408.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Nov-98	**450.0**		0.4	J	**2.8**		1.0	U	1.0	U	0.4	J	1.0	U				
		4-Aug-99	**320**		1.0	U	**0.65**	J	1.0	U	1.0	U	0.55	J	1.0	U				
24EX3OB2	150	11-Aug-97	**189.0**		0.5	J	**0.6**	J	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Nov-98	**130.0**		1.0	U	**1.0**		1.0	U	1.0	U	1.0	J	1.0	U				
		4-Aug-99	**130**		1.0	U	**1.8**		1.0	U	1.0	U	1.0	U	1.0	U				
24EX3OB3	175	11-Aug-97	4.5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	J	1.0	U				
		4-Aug-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
24EX4OB2	150.7	31-Oct-97	**376.0**		1.0	U	**4.1**		1.0	U	1.0	U	1.0	J	1.0	U				
		4-Nov-98	**490.0**		0.4	J	**3.4**		1.0	U	1.0	U	1.0	J	1.0	U				
		4-Aug-99	**290**		1.0	U	**2.3**		1.0	U	1.0	U	0.54		1.0	U				
24EX5OB1	150	14-Nov-97	**510.0**		1.0	U	**1.0**	U	1.0	U	1.0	U	1.0	U	1.0	U				
		30-Dec-97	**669.0**		1.7		**2.3**		1.0	U	1.0	U	1.2		1.0	U				
		4-Nov-98	**260.0**		0.5	J	**0.9**	J	0.4	J	1.0	U	0.4	J	1.0	U				
		4-Aug-99	**360**		1.3		**1.4**		0.89	J	1.0	U	1		1.0	U				
24EX5OB2	150	18-Nov-97	**676.0**		3.6		**2.7**		1.0	U	0.6	J	1.4		1.0	U	Bromodichloromethane		5.2	
		5-Jan-98	**921.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0		1.0	U	Trichlorofloromethane		3.4	
		4-Nov-98	**610.0**		1.0	J	**1.4**		0.7	J	1.0	U	0.8	J	1.0	U				
		4-Aug-99	**400**		1.9		**1.8**		1.3		1.0	U	1.4		1.0	U				
24EX6		20-May-99	**1000**		5.9		**2.6**		1.0	U	1.0	U	1.2		1.0	U				
		28-Jul-99	**400**		1.9		**2.9**		1.0	U	1.0	U	1.3		1.0	U				
24EX6OB1	151	31-Dec-97	**607.0**		1.2		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Trichlorofloromethane		1.1	
		5-Nov-98	**490.0**		0.4	J	0.4	J	1.0	U	1.0	U	0.3	J	1.0	U				

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		5-Aug-99	**710**		1.0	U	**0.65**	J	1.0	U	1.0	U	0.54	J	1.0	U				
24EX6OB2	150.7	6-Jan-98	**542.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Trichloroflorom ethane		3.6	
		5-Nov-98	**250.0**		1.7		**0.7**	J	1.0	U	1.0	U	1.0	U	1.0	U				
		5-Aug-99	**670**		1.5		**0.79**	J	1.0	U	1.0	U	1.0	U	1.0	U				
24EX6OB3	223	24-Nov-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.4	J	1.0	U				
		5-Nov-98	0.7	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		5-Aug-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane		5.5	
24NEW1	245	30-Oct-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	3.0		0.4	J	Acetone		5.0	
		30-Oct-95															Toluene		0.8	J
		30-Oct-95															Xylenes		0.3	J
		30-Oct-95															Bromodichloromethane		2.0	
		30-Oct-95															Bromoform		0.5	J
		30-Oct-95															Dibromochloromethane		2.0	
		2-Nov-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	0.4	J	1.0	U	Toluene		2.0	
		2-Nov-95															Ethylbenzene		0.6	J
		2-Nov-95															Xylenes		3.0	
		2-Nov-95															Dibromochloromethane		0.4	J
		2-Dec-96	**102.0**		2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		24-Mar-97	**155.0**		0.8	J	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		10-Jul-97	**290.0**		1.0		1.0	U	1.0	U	1.0	U	0.8	J	1.0	U				
		23-Oct-97	**170.0**		0.9	J	1.0	U	1.0	U	1.0	U	0.5	J	1.0	U	Freon-113		0.8	J
		23-Oct-97															Methylene Chloride		6.0	
		23-Oct-97	**170.0**		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U				
		2-Nov-98	1.5		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Aug-99	**87**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Aug-99	**87**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
24NEW4	148	26-Oct-95	**1000.0**		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		2-Nov-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Dec-96	**1110.0**		2.0		**2.0**		1.0		1.0	U	1.0		1.0	U	Freon-113		4.3	J

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L																	
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		0.5		6.0		(total)				1.0				Result	
		21-Mar-97	677.0		20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	20.0	U	Methylene Chloride		30.0	
		8-Jul-97	640.0		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U				
		8-Jul-97	650.0		10.0	U	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U				
		23-Oct-97	390.0		0.5	J	1.0		0.5	J	1.0	U	0.8	J	1.0	U				
		23-Oct-97	580.0		25.0	U	25.0		25.0	U	25.0	U	25.0	U	25.0	U				
		23-Oct-97	420.0		0.6	J	1.0		0.6	J	1.0	U	0.9	J	1.0	U				
		23-Oct-97	620.0		25.0	U	25.0	U	25.0	U	25.0	U	25.0	U	25.0	U				
		22-Oct-98	250.0		1.0	U	0.9	J	1.0	U	1.0	U	1.0	U	1.0	U				
		27-Jul-99	82		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1,1,2-dichloro-1,2,2- trifluoroethane		3.7	J
24NEW5	250	21-Nov-95	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone		4.0	J
		21-Nov-95															Bromodichloromethane		2.0	
		21-Nov-95															Bromoform		3.0	
		21-Nov-95															Dibromochloromethane		2.0	
		2-Dec-96	0.7	J	2.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		24-Mar-97	7.0		1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		8-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		20-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		3-Aug-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
24NEW6	185	25-Oct-95	30.0	J	11.0	J	1.0	U	1.0	U	3.0		1.0	J	1.0	U	Acetone		9.0	J
		2-Dec-96	29.0		13.0		1.0	U	1.0	U	3.0		1.0		1.0	U				
		19-Mar-97	23.0		7.0		1.0	U	1.0	U	2.0		1.0		1.0	U				
		10-Jul-97	46.0		18.0		1.0	U	1.0	U	4.0		1.0		1.0	U				
		27-Oct-97	46.0		16.0		1.0	U	1.0	U	5.0		1.0		1.0	U	1,1,2-Trichloroethane		0.5	J
																	1,2-Dichloroethane		0.3	J
		28-Oct-98	27.0		7.2		1.0	U	1.0	U	3.0		1.0	J	1.0	U				
		6-Aug-99	31.0		6.6		1.0	U	1.0	U	3.1		1.1		1.0	U				
24NEW7	158	31-Oct-95	27.0		1.0	U	0.6	J	1.0		1.0	U	0.7	J	1.0	U	Acetone		7.0	J
		31-Oct-95															1,1,1-Trichloroethene		1.0	

Table C-2 (continued)
Summary of Detected VOCs in Groundwater, Site 24 VOC Source Area Monitoring Wells (1992-1999), MCAS El Toro

Station ID	Base Screen Depth (ft. bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in ug/L															
			TCE		PCE		CCl_4		1,1-DCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		0.5		6.0		(total)				1.0			Result
		31-Oct-95															1,1,2,2-Tetrachloroethane	1.0
		31-Oct-95															1,1,2-Dichloroethane	1.0
		3-Dec-96	**33.0**		1.0		**0.9**	J	4.0		1.0	U	0.9	J	1.0	U		
		12-Mar-97	**17.0**		1.0	U	1.0	U	2.0		1.0	U	0.5	J	1.0	U	Methylene Chloride	2.0
		2-Jul-97	**9.0**		1.0	U	**0.8**	J	1.0		1.0	U	0.5	J	1.0	U		
		2-Jul-97	**9.0**		1.0	U	**0.8**	J	1.0		1.0	U	0.5	J	1.0	U		
		20-Oct-97	**19.0**		1.0	U	1.0	U	3.0		1.0	U	0.6	J	1.0	U		
		21-Oct-98	**12.0**		1.0	U	**1.9**	J	0.8	J	1.0	U	0.6	J	1.0	U		
		30-Jul-99	**5.2**		1.0	U	**1.5**		1.0	U	1.0	U	1.0	U	1.0	U		
24NEW8	162	1-Nov-95	1.0	U	1.0	U	0.5	J	1.0	U	1.0	U	1.0	U	1.0	U		
		3-Dec-96	4.0		1.0		**2.0**		1.0	U	1.0	U	0.7	J	1.0	U		
		12-Mar-97	1.0		1.0	U	**1.0**		1.0	U	1.0	U	1.0	U	1.0	U		
		2-Jul-97	1.0	U	1.0	U	**1.0**		1.0	U	1.0	U	1.0	U	1.0	U		
		20-Oct-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U	0.3	J	1.0	U		
		21-Oct-98	1.0	U	1.0	U	**1.3**	J	1.0	U	1.0	U	1.0	J	1.0	U		
		30-Jul-99	1.0	U	1.0	U	**0.52**		1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	**1.5**

Notes:

Data in this table is compiled from technical documents provided by other CLEAN II contractors.

BOLD results exceed regulatory standard. * indicates a duplicate sample.

(1) Table lists results for primary volatile organic compounds (VOCs) detected in groundwater sampling Rounds 1 through 11. All concentrations in micrograms per liter (µg/L)

(2) Data qualifiers: U=not detected above the listed detection limit J=estimated concentration

(3) VOC abbreviations and regulatory standards (listed at top of results columns):
Trichloroethene (TCE), federal maximum contaminant level (MCL) 5.0 µg/L
Tetrachloroethene (PCE), federal MCL 5.0 µg/L
Carbon tetrachloride (CCl_4), State MCL 0.5 µg/L
1,1-Dichloroethene (1,1-DCE), State MCL 6.0 µg/L
1,2-Dichloroethene (1,2-DCE) total, results include cis-1,2-DCE (State MCL 6.0 µg/L) and trans-1,2-DCE
Benzene, State MCL 1.0 µg/L

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Table C-3
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L											
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		(total)				1.0			Result
18_BGMP06A	455	10-Aug-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	0.9 J
		14-Aug-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	2.0
		14-Aug-92											Chloromethane	2.0 J
		8-Dec-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		10-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
18_BGMP06B	390	10-Jul-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	20.0
		13-Aug-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Nov-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	2.0
		7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		10-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		15-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
18_BGMP06C	305	10-Jul-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	3.0
		17-Aug-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Sep-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	5.0
		7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		10-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		19-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_BGMP06D	178	10-Jun-92	1.0	U	1.0	U	1.0	U	1.0		1.0	U	Bromodichloromethane	1.0		
		10-Jun-92											Chlorodibromomethane	1.0		
		8-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	5.0		
		7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		8-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		10-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_BGMP06E	115	10-Jan-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Chloromethane	0.6	J	
		8-Feb-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		7-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		8-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		10-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		20-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		16-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_BGMP10C	762	7-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		23-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	2.0	U				
		23-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		20-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Styrene	0.7	J	
		30-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.6	J	

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L												
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected		
			5.0		5.0		(total)				1.0			Result	
		30-Oct-98											Styrene	0.9	J
		20-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	1.4	
18_BGMP10C	762	20-Jul-99											Styrene	1.4	
18_BGMP10D	573	22-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		28-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		23-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		19-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0	
		20-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		30-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		20-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	1.2	J
		20-Jul-99											Carbon Disulfide	0.98	J
		20-Jul-99											Styrene	0.6	J
18_BGMP10E	449	21-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	**2.0**	**BJ**	Acetone	2.0	
		7-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		29-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		24-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		19-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0	
		24-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		30-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.5	J
		30-Oct-98											Styrene	0.6	J
		20-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Styrene	0.73	J

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L												
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected		
			5.0		5.0		(total)				1.0			Result	
18_BGMP10F	228	20-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	2.0	J			
		25-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		24-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		19-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		24-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		30-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.7	J
		30-Oct-98											Ethylbenzene	.33	J
		30-Oct-98											Styrene	2.3	
		30-Oct-98											Toluene	1.2	
		30-Oct-98											Vinyl Chloride	0.5	
		30-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	1.1	
		30-Oct-98											Styrene	2.7	
		30-Oct-98											Vinyl Chloride		
		20-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	2.3	J
18_BGMW14	115	18-Jun-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.5	J
		18-Jun-92											Methylene Chloride	0.6	J
		20-Oct-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		19-Oct-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		16-Feb-96	6.0		1.0	U	1.0	U	1.0	U	1.0	U			
		15-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		15-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		18-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L											
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		(total)				1.0			Result	
		18-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		2-Nov-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		30-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0				
18_BGMW19D	170	25-Sep-92	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		14-Jun-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		16-Feb-96	6.0		1.0	U	1.0	U	1.0	U	1.0	U			
		4-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		10-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		26-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		29-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	6.8	J
18_MCAS01-1	70	4-Jan-89	0.5	U	0.5	U	0.5	U	2.0				1,1,1-Trichloroethane	0.5	J
		6-Feb-89	0.5	U	0.5	U	0.5	U	2.0						
		1-Apr-89	0.5	U	0.5	U	0.5	U	2.0				1,1,1-Trichloroethane	0.5	J
		5-May-89	0.5	U	0.5	U	0.5	U	2.1						
		2-Jun-89	0.5	U	0.5	U	0.5	U	2.0						
		19-Oct-89	0.5	U	0.5	U	0.5	U	1.5						
		12-Jan-90	0.5	U	0.5	U	0.5	U	1.2						
		8-Feb-90	0.5	U	0.5	U	0.5	U	1.0						
		14-May-90	0.5	U	0.5	U	0.5	U	0.7						
		2-Aug-90	0.5	U	0.5	U	0.5	U	1.0						
		1-Dec-90	0.5	U	0.5	U	0.5	U	1.2						
		17-Jul-91	0.5	U	0.5	U	0.5	U	0.9						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		20-Oct-91	0.5	U	0.5	U	0.5	U	0.5							
		19-May-92	0.5	U	0.5	U	0.5	U	0.9							
		12-Apr-93	0.5	U	0.5	U	0.5	U	0.5		0.5	U				
		23-Nov-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		27-Jul-94		ND		ND		ND		ND		ND				
		12-Jun-95		ND		ND		ND		ND		ND				
		13-Jan-96		ND		ND		ND		ND		ND				
		24-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		5-Sep-96		ND		ND		ND		ND		ND				
		18-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS01-2	160	4-Jan-89	0.5	U	0.5	U	0.5	U	0.5	U			1,1,1-Trichloroethane	0.5	J	
		6-Feb-89	0.5	U	0.5	U	0.5	U	0.5	U						
		1-Apr-89	0.5	U	0.5	U	0.5	U	0.5	U			1,1,1-Trichloroethane	0.5	J	
		5-May-89	0.5	U	0.5	U	0.5	U	0.5	U						
		2-Jun-89	0.5	U	0.5	U	0.5	U	0.5	U						
		19-Oct-89	0.5	U	0.5	U	0.5	U	0.5	U						
		12-Jan-90	0.5	U	0.5	U	0.5	U	0.5	U						
		8-Feb-90	0.5	U	0.5	U	0.5	U	0.5	U						
		17-May-90	0.5	U	0.5	U	0.5	U	0.5	U						
		2-Aug-90	0.5	U	0.5	U	0.5	U	0.5	U						
		1-Dec-90	0.5	U	0.5	U	0.5	U	0.5	U						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		21-Mar-91	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Jul-91	0.5	U	0.5	U	0.5	U	0.5	U						
		20-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U						
		19-May-92	0.5	U	0.5	U	0.5	U	0.5	U						
		22-Sep-92	0.5	U	0.5	U	0.5	U	0.5	U						
		12-Apr-93	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U				
		24-Nov-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		27-Jul-94		ND		ND		ND		ND		ND				
		12-Jun-95		ND		ND		ND		ND		ND				
		13-Jan-96		ND		ND		ND		ND		ND				
		24-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		5-Sep-96		ND		ND		ND		ND		ND				
		18-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2-Butanone	1.3	J	
		14-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	4.6	J	
18_MCAS01-3	220	4-Jan-89	1.8		0.5	U	0.5	U	0.5	U			1,1,1-Trichloroethane	0.5	J	
		6-Feb-89	1.5		0.5	U	0.5	U	0.5	U						
		1-Apr-89	1.8		0.5	U	0.5	U	0.5	U			1,1,1-Trichloroethane	0.5	J	
		5-May-89	1.6		0.5	U	0.5	U	0.5	U						
		2-Jun-89	1.5		0.5	U	0.5	U	0.5	U						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		19-Oct-89	1.3		0.5	U	0.5	U	0.5	U						
		12-Jan-90	1.0		0.5	U	0.5	U	0.5	U						
		8-Feb-90	1.5		0.5	U	0.5	U	0.5	U						
		17-May-90	0.6		0.5	U	0.5	U	0.5	U						
		2-Aug-90	1.5		0.5	U	0.5	U	0.5	U						
		1-Dec-90	1.0		0.5	U	0.5	U	0.5	U						
		21-Mar-91	0.9		0.5	U	0.5	U	0.5	U						
		17-Jul-91	1.5		0.5	U	0.5	U	0.5	U						
		20-Oct-91	2.6		0.5	U	0.5	U	0.5	U						
		19-May-92	3.4		0.5	U	0.5	U	0.5	U						
		22-Sep-92	2.3		0.5	U	0.5	U	0.5	U						
		22-Sep-92	2.3		0.5	U	0.5	U	0.5	U						
		12-Apr-93	2.7		0.5	U	0.5	U	0.5	U	0.5	U				
		27-Jul-94	3.6			ND		ND		ND		ND				
		12-Jun-95	3.1			ND		ND		ND		ND				
		13-Jan-96	2.6			ND		ND		ND		ND				
		18-Jan-96	2.0		1.0	U	1.0	U	1.0	U	1.0	U				
		5-Sep-96	3.4			ND		ND		ND		ND				
		18-Nov-96	3.0		1.0	U	1.0	U	1.0	U	1.0	U				
		19-Mar-97	3.0		1.0	U	1.0	U	1.0	U	1.0	U				
		2-Jul-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U				

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		22-Oct-97	3.0		1.0	U	1.0	U	1.0	U	1.0	U	Acetone	0.8	JB	
		22-Oct-97											Methylene Chloride	0.6	JB	
		14-Oct-98	2.7		1.0	U	1.0	U	1.0	U	1.0	U				
		14-Jul-99	1.9		1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS01-4	280	4-Jan-89	4.8		0.5	U	0.5	U	0.5	J			1,1,1-Trichloroethane	0.5	J	
		7-Feb-89	**5.2**		0.5	U	0.5	U	0.5	J						
		1-Apr-89	4.8		0.5	U	0.5	U	0.5	J			1,1,1-Trichloroethane	0.5	J	
		5-May-89	**8.1**		0.5	U	0.5	U	0.5	J						
		2-Jul-89	**5.2**		0.5	U	0.5	U	0.5	J						
		19-Oct-89	3.8		0.5	U	0.5	U	0.5	U						
		12-Jan-90	0.7		0.5	U	0.5	U	0.5	J						
		8-Feb-90	4.5		0.5	U	0.5	U	0.5	U						
		17-May-90	2.6		0.5	U	0.5	U	0.5	U						
		2-Aug-90	4.5		0.5	U	0.5	U	0.5	U						
		1-Dec-90	0.7		0.5	U	0.5	U	0.5	J						
		21-Mar-91	2.0		0.5	U	0.5	U	0.5	U						
		17-Jul-91	4.1		0.5	U	0.5	U	0.5	U						
		20-Oct-91	3.9		0.5	U	0.5	U	0.5	U						
		19-May-92	4.6		0.5	U	0.5	U	0.5	U						
		22-Sep-92	4.0		0.5	U	0.5	U	0.5	U						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		22-Sep-92	4.0		0.5	U	0.5	U	0.5	U						
		12-Apr-93	**6.1**		0.5	U			0.5	U	0.5	U				
		24-Nov-93	2.0		1.0	U	1.0	U	1.0	U	1.0	U				
		29-Nov-93	3.0		1.0	U	1.0	U	1.0	U	1.0	U				
		27-Jul-94	**6.8**			ND		ND		ND		ND				
		12-Jun-95	**8.3**			ND		ND		ND		ND				
		13-Jan-96	**5.7**			ND		ND		ND		ND				
		18-Jan-96	**6.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		5-Sep-96	**6.9**			ND		ND		ND		ND				
		18-Nov-96	**8.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		19-Mar-97	**6.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		2-Jul-97	4.0		1.0	U	1.0	U	1.0	U	1.0	U				
		22-Oct-97	**5.0**		1.0	U	1.0	U	1.0	U	1.0	U	Acetone	1.0	JB	
		14-Oct-98	**5.9**		1.0	U	1.0	U	1.0	U	1.0	U				
		14-Jul-99	**5.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		14-Jul-99	**6.6**		1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS01-5	340	4-Jan-89	**34.6**		0.5	U	0.5	J	0.5	J						
		6-Feb-89	**39.1**		0.5	U	0.5	J	0.5							
		1-Apr-89	**34.6**		0.5	U	0.5	J	0.5	J						
		5-May-89	**47.5**		0.5	U	0.5	J	0.5	J						
		2-Jun-89	**39.1**		0.5	U	0.5	J	0.5							
		19-Oct-89	**17.7**		0.5	U	0.5	U	0.5	U						

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L											
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		(total)				1.0			Result
		12-Jan-90	**32.1**		0.5	U	0.5	U	0.5	J				
		8-Feb-90	**36.5**		0.5	U	0.5	U	0.5	U				
		17-May-90	**33.4**		0.5	U	0.5	U	0.5	J				
		2-Aug-90	**36.5**		0.5	U	0.5	U	0.5	U				
		1-Dec-90	**32.1**		0.5	U	0.5	U	0.5	J				
		21-Mar-91	**19.7**		0.5	U	0.5	U	0.5	U				
		17-Jul-91	**29.0**		0.5	U	0.5	U	0.5	J				
		20-Oct-91	**48.2**		0.5	J	0.5	U	0.5					
		19-May-92	**24.2**		0.5	U	0.5	U	0.5	J				
		22-Sep-92	**24.1**		0.5	U	0.5	U	0.5	J				
		12-Apr-93	**36.1**		0.5	U			0.4		0.5	U		
		30-Nov-93	**22.0**		1.0	U	1.0	U	1.0	U	1.0	U	2-Butanone	1.0 J
		30-Nov-93											2-Hexanone	2.0 J
		27-Jul-94	**44.1**			ND		ND		TR		ND		
		12-Jun-95	**37.3**			ND		ND		ND		ND		
		13-Jan-96	**25.0**			ND		ND		ND		ND		
		18-Jan-96	**23.0**		1.0	U	1.0	U	1.0	U	1.0	U		
		5-Sep-96	**24.5**			ND		ND		Trace		ND		
		18-Nov-96	**28.0**		1.0	U	1.0	U	1.0	U	1.0	U		
		19-Mar-97	**22.0**		1.0	U	1.0	U	1.0	U	1.0	U		
		1-Jul-97	**20.0**		1.0	U	1.0	U	1.0	U	1.0	U		
		22-Oct-97	**21.0**		1.0	U	1.0	U	1.0	U	1.0	U	Acetone	1.0 J

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L												
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected		
			5.0		5.0		(total)				1.0			Result	
		22-Oct-97											Methylene Chloride	0.4	J
		14-Oct-98	**20.0**		1.0	U	1.0	U	1.0	U	1.0	U	Acetone	0.7	
		14-Oct-98	**21.0**		1.0	U	1.0	U	1.0	U	1.0	U			
		14-Jul-99	**14**		1.0	U	1.0	U	1.0	U	1.0	U			J
18_MCAS01-6	460	4-Jan-89	**45.1**		0.5	U	1.4		0.5	J					
		6-Feb-89	**51.9**		0.5	U	1.8		0.5	J					
		1-Apr-89	**45.1**		0.5	U	1.4		0.5	J					
		5-May-89	**46.1**		0.5	U	1.9		0.5	U					
		2-Jun-89	**51.9**		0.5	U	1.8		0.5	J					
		19-Oct-89	**30.0**		0.5	U	1.4		0.5	U					
		8-Feb-90	**38.0**		0.5	U	3.3		0.5	U					
		14-May-90	**8.3**		0.5	U	1.3		0.5	U					
		2-Aug-90	**38.0**		0.5	U	3.3		0.5	U					
		19-Mar-91	**6.4**		0.5	U	0.5	U	0.5	U					
		17-Jul-91	**18.4**		0.5	U	2.5		0.5	U					
		20-Oct-91	**33.0**		0.5	U	0.5	U	0.5	U					
		19-May-92	**26.3**		0.5	U	2.6		0.5	U					
		22-Sep-92	**23.9**		0.5	U	2.7		0.5	U					
		12-Apr-93	**44.3**		0.5	U	3.5		0.5	U	0.5	U			
		16-Dec-93	**34.0**		1.0	U	4.0		1.0	U	1.0	U			
		27-Jul-94	**41.3**			ND	4.3			ND		ND			
		12-Jun-95	**39.6**			ND	4.7			ND		ND			

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		13-Jan-96	**28.9**			ND	2.6			ND		ND				
		18-Jan-96	**25.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		5-Sep-96	**27.5**			ND	4.7			ND		ND				
		15-Nov-96	**30.0**		1.0	U	4.0		1.0	U	1.0	U				
		19-Mar-97	**24.0**		1.0	U	3.0		1.0	U	1.0	U				
		22-Oct-97	**24.0**		1.0	U	4.0		1.0	U	1.0	U	Acetone	0.8	J	
		22-Oct-97											Methylene Chloride	0.5	J	
		14-Oct-98	**22.0**		1.0	U	4.2		1.0	U	1.0	U	Acetone	1.3	J	
		14-Jul-99	**17.0**		1.0	U	3.8		1.0	U	1.0	U				
18_MCAS01-7	550	4-Jan-89	0.5	J	0.5	U	0.5	U	0.7				Chlorobenzene	0.5	J	
		6-Feb-89	0.5	U	0.5	U	0.5	U	0.5				Chlorobenzene	0.5	J	
		1-Apr-89	0.5	J	0.5	U	0.5	U	0.7				Chlorobenzene	0.5	J	
		5-May-89	0.5	U	0.5	U	0.5	U	0.5	J			Chlorobenzene	0.5	J	
		2-Jun-89	0.5	U	0.5	U	0.5	U	0.5				Chlorobenzene	0.5	J	
		19-Oct-89	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5		
		12-Jan-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	1.6		
		8-Feb-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5	J	
		14-May-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5	J	
		2-Aug-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5	J	
		1-Dec-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	1.6		
		19-Mar-91	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	1.0		
		17-Jul-91	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	1.1		

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		20-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.6		
		19-May-92	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5	J	
		18-Sep-92	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5		
		12-Jan-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.5	J	
		12-Apr-93	0.5	U	0.5	U			0.5	U	0.5	U				
		27-Jul-94		ND		ND		ND		ND		ND				
		12-Jun-95		ND		ND		ND		ND		ND				
		13-Jan-96		ND		ND		ND		ND		ND				
		17-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		5-Sep-96		ND		ND		ND		ND		ND				
		15-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		19-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		14-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	1.1		
		14-Oct-98											Ethylbenzene	0.57		
		14-Oct-98											Methyl Tert-Butyl Ether	2.9		
		14-Oct-98											Toluene	2.5	J	
		14-Oct-98											Total Xylenes	0.95		
		14-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS02-1	50	27-Dec-88	0.5	U	0.5	U	0.5	U	0.5	U						
		7-Feb-89	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Mar-89	0.5	U	0.5	U	0.5	U	0.5	U						
		3-May-89	0.5	U	0.5	U	0.5	U	0.5	U						

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0				Result	
		2-Jul-89	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Oct-89	0.5	U	0.5	U	0.5	U	0.5	U						
		12-Jan-90	0.5	U	0.5	U	0.5	U	0.5	U						
		13-Mar-90	0.5	U	0.5	U	0.5	U	0.5	U						
		18-May-90	0.5	U	0.5	U	0.5	U	0.5	U						
		1-Dec-90	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Apr-91	0.5	U	0.5	U	0.5	U	0.5	J	0.5					
		4-May-91	0.5	U	0.5	U	0.5	U	0.5	J						
		9-Jul-91	0.5	U	0.5	U	0.5	U	0.5	U						
		7-Sep-91	0.5	U	0.5	U	0.5	U	0.5	U						
		19-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U						
		22-Apr-92	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Sep-92	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Feb-93	0.5	U	0.5	U			0.5	U	0.5	U				
		2-Jun-93	0.5	U	0.5	U			0.5	U	0.5	U				
		11-Sep-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		6-Jul-94		ND		ND		ND		ND		ND				
		28-Jun-95		ND		ND		ND		ND		ND				
		9-Dec-95		ND		ND		ND		ND		ND				
		30-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		8-Sep-96		ND		ND		ND		ND		ND				
		12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		13-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		9-Apr-97		ND		ND		ND		ND		ND				
		13-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		13-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS02-2	140	27-Dec-88	0.5	U	0.5	U	0.5	U	0.5	U						
		7-Feb-89	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Mar-89	0.5	U	0.5	U	0.5	U	0.5	U						
		3-May-89	0.5	U	0.5	U	0.5	U	0.5	U						
		2-Jul-89	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Oct-89	0.5	U	0.5	U	0.5	U	0.5	U						
		13-Mar-90	0.5	U	0.5	U	0.5	U	0.5	U						
		18-May-90	0.5	U	0.5	U	0.5	U	0.5	U						
		11-Oct-90	0.5	U	0.5	U	0.5	U	0.5	U						
		10-Nov-90	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Apr-91	0.5	U	0.5	U	0.5	U	0.5		0.5					
		4-May-91	0.5	U	0.5	U	0.5	U	0.5							
		9-Jul-91	0.5	J	0.5	U	0.5	U	0.5	U						
		7-Sep-91	0.5	J	0.5	U	0.5	U	0.5	U						
		19-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U						
		22-Apr-92	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Sep-92	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Feb-93	0.5	U	0.5	U			0.5	U	0.5	U				

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L												
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected		
			5.0		5.0		(total)				1.0			Result	
		2-Jun-93	0.5	U	0.5	U			0.5	U	0.5	U			
		11-Sep-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		6-Jul-94		ND		ND		ND		ND		ND			
		28-Jun-95		ND		ND		ND		ND		ND			
		9-Dec-95		ND		ND		ND		ND		ND			
		30-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		8-Sep-96		ND		ND		ND		ND		ND			
		12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		13-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		9-Apr-97		ND		ND		ND		ND		ND			
		13-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methyl Tert-Butyl Ether	1.9	
		13-Oct-98											Toluene	1.7	
		13-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
18_MCAS02-3	210	27-Dec-88	1.4		0.5	U	0.5	U	0.5	U					
		7-Feb-89	1.8		0.5	J	0.5	U	0.5	U					
		5-Mar-89	2.0		0.5	J	0.5	U	0.5	U					
		3-May-89	2.0		0.5	J	0.5	U	0.5	U					
		2-Jul-89	1.8		0.5	J	0.5	U	0.5	U					
		17-Oct-89	3.0		0.5	J	0.5	U	0.5	U					
		13-Mar-90	2.2		0.5	U	0.5	U	0.5	U					
		18-May-90	1.8		0.5	U	0.5	U	0.5	U					
		18-May-90	1.8		0.5	U	0.5	U	0.5	U					

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L											
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		(total)				1.0			Result
		5-Apr-91	3.3		0.5	J	0.5	U	0.6					
		4-May-91	3.3		0.5	J	0.5	U	0.6					
		9-Jul-91	2.1		0.5	U	0.5	U	0.5	U				
		7-Sep-91	2.1		0.5	U	0.5	U	0.5	U				
		19-Oct-91	2.8		0.5	U	0.5	U	0.5	U				
		27-Feb-92	3.0		0.5	U	0.5	U	0.5	U				
		17-Sep-92	2.5		0.5	U	0.5	U	0.5	U				
		17-Sep-92	2.5		0.5	U	0.5	U	0.5	U				
		17-Feb-93	3.9		0.5	U			0.5	U	0.5	U		
		2-Jun-93	3.0		0.5	U			0.5	U	0.5	U		
		20-Nov-93	2.0		1.0	U	1.0	U	1.0	U	1.0	U		
		6-Jul-94	2.5			ND		ND		ND		ND		
		28-Jun-95	3.3			ND		ND		ND		ND		
		9-Dec-95	2.3			ND		ND		ND		ND		
		30-Jan-96	4.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	3.0
		8-Sep-96	3.0			ND		ND		ND		ND		
		12-Nov-96	3.0		1.0	U	1.0	U	1.0	U	1.0	U		
		13-Mar-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0
		9-Apr-97	2.5			ND		ND		ND		ND		
		2-Jul-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U		
		9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2-Hexanone	8.0 J
		17-Oct-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U		

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		12-Oct-98	2.6		1.0	U	1.0	U	1.0	U	1.0	U	Acetone	13.0	J	
		13-Jul-99	2.0		1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS02-4	380	27-Dec-88	**34.6**		0.5	U	0.5	U	0.5	J						
		16-Feb-89	**28.5**		0.5	U	0.5	U	0.5	J						
		5-Mar-89	**32.2**		0.5	J	0.5	U	0.5	J						
		3-May-89	**32.2**		0.5	J	0.5	U	0.5	J						
		17-Oct-89	**37.2**		0.5	J	0.5	U	0.5	J						
		13-Mar-90	**25.6**		0.5	U	0.5	U	0.5	J						
		18-May-90	3.3			Trace		ND		ND		ND				
		5-Apr-91	**11.1**		0.5	U	0.5	U	1.4							
		4-May-91	**11.1**		0.5	U	0.5	U	1.4							
		9-Jul-91	**19.8**		0.5	U	0.5	U	0.5	U						
		7-Sep-91	**19.8**		0.5	U	0.5	U	0.5	U						
		19-Oct-91	**26.6**		0.5	J	0.5	U	0.5	J						
		27-Feb-92	**12.6**		0.5	U	0.5	U	0.5	J						
		17-Feb-93	**15.3**		0.5	U										
		17-Feb-93	**15.2**						0.5	U	0.5	U				
		2-Jun-93	**24.4**		0.5				0.5	U	0.5	U				
		11-Nov-93	**10.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		6-Jul-94	**19.2**			ND		ND		ND		ND				
		28-Jun-95	**12.5**			ND		ND		ND		ND				
		9-Dec-95	**14.4**			ND		ND		ND		ND				

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0				Result	
		29-Jan-96	12.0		1.0	U	1.0	U	1.0	U	1.0	U				
		8-Sep-96	15.2			ND		ND		ND		ND				
		12-Nov-96	16.0		1.0	U	1.0	U	1.0	U	1.0	U				
		13-Mar-97	12.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride		0.5	J
		9-Apr-97	12.3			ND		ND		ND		ND				
		2-Jul-97	10.0		1.0	U	1.0	U	1.0	U	1.0	U				
		9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2-Hexanone		8.0	J
		17-Oct-97	12.0		1.0	U	1.0	U	1.0	U	1.0	U				
		9-Oct-98	13.0		1.0	U	1.0	U	1.0	U	1.0	U				
		13-Jul-99	12		1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS02-5	430	27-Dec-88	38.9		0.5	U	0.6		0.5	U						
		8-Feb-89	37.0		0.5	U	0.5		0.5	U						
		5-Mar-89	33.9		0.5	U	0.5	J	0.5	U						
		3-May-89	33.9		0.5	U	0.5	J	0.5	U						
		2-Aug-89	37.0		0.5	U	0.5		0.5	U						
		10-Oct-89	51.9		0.5	U	0.5		0.5	U						
		13-Mar-90	28.7		0.5	U	0.5	J	0.5	U						
		18-May-90	22.5		0.5	U	0.5	U	0.5	U						
		5-Apr-91	6.1			ND		ND		TR		ND				
		9-Jul-91	20.6		0.5	U	0.5	U	0.5	U						
		7-Sep-91	20.6		0.5	U	0.5	U	0.5	U						
		16-Nov-91	30.9		0.5	U	0.5	U	0.5	U						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		27-Feb-92	**21.8**		0.5	U	0.5	J	0.5	U						
		17-Sep-92	**20.0**		0.5	U	0.5	J	0.5	U						
		17-Feb-93	**26.9**		0.5	U			0.5	U	0.5	U				
		2-Jun-93	**32.2**		0.5	U			0.5	U	0.5	U				
		11-Dec-93	**21.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		6-Jul-94	**30.9**			ND		ND		ND		ND				
		28-Jun-95	**22.9**			ND		ND		ND		ND				
		9-Dec-95	**23.2**			ND		ND		ND		ND				
		29-Jan-96	**21.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		8-Sep-96	**26.6**			ND		ND		ND		ND				
		12-Nov-96	**24.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		12-Mar-97	**16.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		9-Apr-97	**22.9**			ND		ND		ND		ND				
		2-Jul-97	**16.0**		1.0	U	1.0	U	1.0	U	1.0	U	Bromomethane	3.0	J	
		9-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	2-Hexanone	8.0	J	
		17-Oct-97	**16.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		9-Oct-98	**16.0**		1.0	U	1.0	U	1.0	U	1.0	U	Carbon Disulfide	0.6	J	
		13-Jul-99	**13.0**		1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS02-6	500	27-Dec-88	0.5	U	0.5	U	0.5	U	0.5	U						
		8-Feb-89	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Mar-89	0.5	U	0.5	U	0.5	U	0.5	U						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L											
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		(total)				1.0			Result
		3-May-89	0.5	U	0.5	U	0.5	U	0.5	U				
		2-Aug-89	0.5	U	0.5	U	0.5	U	0.5	U				
		10-Oct-89	0.5	U	0.5	U	0.5	U	0.5	U				
		13-Mar-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.5 J
		18-May-90	0.5	U	0.5	U	0.5	U	0.5	U			Chlorobenzene	0.8
		5-Apr-91	0.5	U	0.5	U	0.5	U	0.5	J				
		4-May-91	0.5	U	0.5	U	0.5	U	0.5	J				
		9-Jul-91	0.5	U	0.5	U	0.5	U	0.5	U				
		7-Sep-91	0.5	U	0.5	U	0.5	U	0.5	U				
		19-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U				
		27-Feb-92	0.5	U	0.5	U	0.5	U	0.5	U				
		17-Sep-92	0.5	U	0.5	U	0.5	U	0.5	U				
		17-Feb-93	0.5	U	0.5	U			0.5	U	0.5	U		
		2-Jun-93	0.5	U	0.5	U			0.5	U	0.5	U		
		15-Nov-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		6-Jul-94		ND		ND		ND		ND		ND		
		28-Jun-95		ND		ND		ND		ND		ND		
		9-Dec-95		ND		ND		ND		ND		ND		
		29-Jan-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		8-Sep-96		ND		ND		ND		ND		ND		
		12-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		
		12-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U		

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L												
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected		
			5.0		5.0		(total)				1.0			Result	
		9-Apr-97		ND		ND		ND		ND		TR			
		17-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		9-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Toluene	0.8	J
		13-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
18_MCAS04	238	23-Oct-89	3.1		0.5	U	0.5	U	5.8						
		11-Jan-90	4.0		0.5	J	0.5	U	0.5	U					
		23-Feb-90	3.1		0.5	U	0.5	U	0.5	U					
		7-Jun-90	3.4		0.5	U	0.5	U	0.5	U					
		6-Jul-90	3.4		0.5	U	0.5	U	0.5	U					
		1-Nov-90	4.0		0.5	J	0.5	U	0.5	U					
		2-Feb-91	3.3		0.5	U	0.5	U	0.5	U					
		5-Feb-92	2.8		0.5	U	0.5	U	0.5	U					
		12-Feb-92	3.2		0.5	U	0.5	U	0.5	U					
		2-May-92	2.8		0.5	U	0.5	U	0.5	U					
		10-Jul-92	2.8		0.5	U	0.5	U	0.5	U					
		7-Oct-92	2.8		0.5	U	0.5	U	0.5	U					
		2-Dec-92	3.2		0.5	U	0.5	U	0.5	U					
		8-Apr-93	3.0		1.0	U	1.0	U	1.0	U	1.0	U			
		7-May-93	4.0		0.5	U			0.5	U	0.5	U			
		9-Feb-96	2.0		1.0	U	1.0	U	1.0	U	1.0	U			
		16-Feb-96	2.7			TR		ND		ND		ND			
		27-Aug-96	2.6			ND		ND		ND		ND			

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L											
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected	
			5.0		5.0		(total)				1.0			Result
		19-Nov-96	11.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0 J
		12-Feb-97	2.0			ND		ND		ND		ND		
		13-Mar-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	0.6 J
		14-Jul-97	1.0		1.0	U	1.0	U	1.0	U	1.0	U		
		29-Oct-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U		
		26-Oct-98	2.1		1.0	U	1.0	U	1.0	U	1.0	U		
		26-Oct-98	2.2		1.0	U	1.0	U	1.0	U	1.0	U		
		5-Aug-99	1.5		1.0	U	1.0	U	1.0	U	1.0	U		
18_MCAS06	222	28-Oct-89	2.2		0.5	U	0.5	U	0.5	J			Chlorobenzene	0.5 J
		11-Jan-90	2.5		0.5	U	0.5	U	0.5	U				
		9-Mar-90	1.5		0.5	U	0.5	U	0.5	U				
		11-Jul-90	2.5		0.5	U	0.5	U	0.5	U				
		3-Sep-90	1.5		0.5	U	0.5	U	0.5	U				
		1-Nov-90	2.5		0.5	U	0.5	U	0.5	U				
		7-Nov-90	2.5		0.5	U	0.5	U	0.5	U				
		23-May-91	2.7		0.5	U	0.5	U	0.5	U				
		12-Jan-92	3.2		0.5	U	0.5	U	0.5	U				
		31-Jul-92	3.4		0.5	U	0.5	U	0.5	U				
		1-Dec-92	3.2		0.5	U	0.5	U	0.5	U				
		15-Apr-93	0.5		0.5	U			0.5	U	0.5	U		
		16-Jun-93	2.8		1.0	U	1.0	U	1.0	U	1.0	U		
		14-Dec-95	2.6			ND		ND		ND		ND		

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		6-Feb-96	2.0		1.0	U	1.0	U	1.0	U	1.0	U				
		30-Jun-96	2.7			ND		ND		ND		ND				
		19-Nov-96	6.0		1.0	U	1.0	U	1.0	U	1.0	U				
		8-Jan-97	2.7			ND		ND		ND		ND				
		25-Mar-97	3.0		1.0	U	1.0	U	1.0	U	1.0	U				
		15-Jul-97	2.0		1.0	U	1.0	U	1.0	U	1.0	U				
		31-Oct-97	3.0		0.3	J	1.0	U	1.0	U	1.0	U	Acetone	0.7	JB	
		31-Oct-97											Methylene Chloride	0.4	J	
		28-Oct-98	2.6		1.0	U	1.0	U	1.0	U	1.0	U				
		6-Aug-99	0.66	J	1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS07-2	199	17-Oct-88	3.0		0.5	U	0.5	U	0.5	U						
		30-Nov-88	2.6		0.5	U	0.5	U	0.5	U						
		20-Jan-89	3.2		0.5	U	0.5	U	0.5	U						
		5-Apr-89	2.7		0.5	U	0.5	U	0.5	U						
		4-May-89	2.7		0.5	U	0.5	U	0.5	U						
		8-Feb-90	1.0		0.5	U	0.5	U	0.5	U						
		2-Aug-90	1.0		0.5	U	0.5	U	0.5	U						
		17-Nov-90	0.8		0.5	U	0.5	U	0.5	U						
		22-Mar-91	1.1		0.5	U	0.5	U	0.5	U						
		26-Jul-91	0.9		0.5	U	0.5	U	0.5	U						
		23-Oct-91	1.1		0.5	U	0.5	U	0.5	U						
		12-May-92	2.0		0.5	U	0.5	U	0.5	U						

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		20-Oct-92	1.3		0.5	U	0.5	U	0.5	U						
		5-Dec-92	2.0		0.5	U	0.5	U	0.5	U	0.5	U				
		17-Mar-93	1.8		0.5	U			0.5	U	0.5	U				
		16-Jun-93	1.7		0.5	U			0.5	U	0.5	U				
		21-Oct-93	1.0		1.0	U	1.0	U	1.0	U	1.0	U				
		22-Dec-95	1.8			ND		ND		ND		ND				
		9-Feb-96	1.0		1.0	U	1.0	U	1.0	U	1.0	U				
		25-Jul-96	0.7			ND		ND		ND		ND				
		20-Nov-96	1.0		1.0	U	1.0	U	1.0	U	1.0	U				
		1-Feb-97	1.4			ND		ND		ND		ND				
		26-Mar-97	1.0		1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	2.0		
		29-Oct-98	1.9		1.0	U	1.0	U	1.0	U	1.0	U				
		15-Jul-99	0.63	J	1.0	U	1.0	U	1.0	U	1.0	U				
18_MCAS07-3	359	17-Oct-88	**20.0**		0.5	U	0.5	J	0.5	U			1,2-Dichloroethane	0.5	J	
		30-Nov-88	**24.8**		0.5	U	0.5		0.5	U			1,2-Dichloroethane	0.5	J	
		20-Jan-89	**19.8**		0.5	U	0.5	J	0.5	U			1,2-Dichloroethane	0.5		
		5-Apr-89	**13.9**		0.5	U	0.5	U	0.5	U						
		4-May-89	**13.9**		0.5	U	0.5	U	0.5	U						
		8-Feb-90	**30.3**		0.5	U	0.5	U	0.5	U						
		2-Aug-90	**30.3**		0.5	U	0.5	U	0.5	U			1,2-Dichloroethane	0.5		
		17-Nov-90	**61.0**		0.5	J	0.5	J	0.5	U			1,2-Dichloroethane	0.5		
		22-Mar-91	**32.2**		0.5	U	0.5	U	0.6				1,2-Dichloroethane	1.0		

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		26-Jul-91	**17.1**		0.5	U	0.5	U	0.5	U			1,2-Dichloroethane	0.5	J
		23-Oct-91	**53.4**		0.5	U	0.6		0.5				1,2-Dichloroethane	0.5	
		12-May-92	**43.6**		0.5	U	0.6		0.5	U			1,2-Dichloroethane	0.5	
		20-Oct-92	**22.7**		0.5	U	0.5	J	0.5	U			1,2-Dichloroethane	0.5	J
		5-Dec-92	**43.6**		0.5	U	0.6		0.5	U			1,2-Dichloroethane	0.5	
		17-Mar-93	**33.9**		0.5	U			0.5	U	0.5	U			
		16-Jun-93	**41.8**		0.5	U			0.5	U	0.5	U			
		22-Oct-93	**25.0**		1.0	U	1.0	U	1.0	U	1.0	U			
		22-Dec-95	**38.1**			ND		Trace		Trace		ND			
		9-Feb-96	**40.0**		1.0	U	1.0	U	1.0	U	1.0	U			
		25-Jul-96	**40.4**			ND		Trace		ND		ND			
		20-Nov-96	**45.0**		1.0	U	0.5	J	1.0	U	1.0	U			
		26-Mar-97	**47.0**		2.0	U	2.0	U	2.0	U	2.0	U	Methylene Chloride	6.0	
		10-Jul-97	**36.0**		1.0	U	1.0	U	1.0	U	1.0	U			
		16-Oct-97	**40.0**		1.0	U	0.5	J	1.0	U	1.0	U	1,2-Dichloroethane	0.4	J
		16-Oct-97											Methylene Chloride	0.3	JB
		29-Oct-98	**41.0**		1.0	U	1.0	U	1.0	U	1.0	U			
		15-Jul-99	**30**		1.0	U	1.0	U	1.0	U	1.0	U	Acetone	5.4	J
18_MCAS07-4	449	17-Oct-88	**19.4**		0.5	U	4.1		0.5	U					
		30-Nov-88	**19.7**		0.5	U	4.2		0.5	U					
		19-Jan-89	**23.6**		0.5	U	4.1		0.5	U					
		5-Apr-89	**24.8**		0.5	U	5.3		0.5	U					

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		4-May-89	**26.5**		0.5	U	5.3		0.5	U						
		17-Nov-90	**36.0**		0.5	U	0.5	U	0.5	U						
		22-Mar-91	**23.6**		0.5	U	0.5	U	0.5	J						
		26-Jul-91	**29.4**		0.5	U	0.5	U	0.5	U						
		23-Oct-91	**40.1**		0.5	U	0.5	U	0.5	U						
		12-May-92	**46.1**		0.5	U	7.9		0.5	U						
		20-Oct-92	**25.0**		0.5	U	5.4		0.5	U						
		5-Dec-92	**46.1**		0.5	U	7.9		0.5	U						
		17-Mar-93	**33.8**		0.5	U			0.5	U	0.5	U				
		16-Jun-93	**43.2**		0.5	U	8.8		0.5	U	0.5	U				
		25-Oct-93	**29.0**		1.0	U	1.0	U	1.0	U	1.0	U				
		22-Dec-95	**47..8**			ND	8.3			ND		ND				
		8-Feb-96	**36.0**		1.0	U	9.0		1.0	U	1.0	U				
		25-Jul-96	**50.9**			ND	10.2			ND		ND				
		20-Nov-96	**33.0**		1.0	U	8.0		1.0	U	1.0	U				
		1-Feb-97	**32.6**			ND	8.2			ND		ND				
		26-Mar-97	**47.0**		2.0	U	9.0		2.0	U	2.0	U	Methylene Chloride	3.0		
		10-Jul-97	**35.0**		1.0	U	7.0		1.0	U	1.0	U				
		16-Oct-97	**40.0**		1.0	U	9.0		1.0	U	1.0	U				
		28-Oct-98	**47.0**		1.0	U	8.7		1.0	U	1.0	U				
		15-Jul-99	**32.0**		1.0	U	8.6		1.0	U	1.0	U				
18_MCAS07-5	519	17-Oct-88	0.5	U	0.5	U	0.5	U	0.5	U						

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Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L													
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected			
			5.0		5.0		(total)				1.0			Result		
		30-Nov-88	0.5	U	0.5	U	0.5	U	0.5	U			1,1,1-Trichloroethane	0.5	J*	
		18-Jan-89	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Apr-89	0.5	U	0.5	U	0.5	U	0.5	U						
		4-May-89	0.5	U	0.5	U	0.5	U	0.5	U						
		8-Feb-90	0.5	U	0.5	U	0.5	U	0.5	U						
		2-Aug-90	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Nov-90	0.5	U	0.5	U	0.5	U	0.5	U						
18_MCAS07-5	519	22-Mar-91	0.5	U	0.5	U	0.5	U	0.5	U						
		26-Jul-91	0.5	U	0.5	U	0.5	U	0.5	U						
		23-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U						
		12-May-92	0.5	U	0.5	U	0.5	U	0.5	U						
		20-Oct-92	0.5	U	0.5	U	0.5	U	0.5	U						
		5-Dec-92	0.5	U	0.5	U	0.5	U	0.5	U						
		17-Mar-93	1.3		0.5	U			0.5	U	0.5	U				
		16-Jun-93	0.5	U	0.5	U			0.5	U	0.5	U				
		26-Oct-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		22-Dec-95		ND		ND		ND		ND		ND				
		8-Feb-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		25-Jul-96		ND		ND		ND		ND		ND				
		11-Nov-96	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U				
		1-Feb-97		ND		ND		ND		ND		ND				
		26-Mar-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Methylene Chloride	1.0		

Continue

Table C-3 (continued)
Summary of Detected Volatile Organic Compounds, Site 18 Off-Station Monitoring Wells (1992-1999)
MCAS El Toro

Station ID	Base Screen Depth (ft bgs)	Sample Date	Primary VOCs Detected and Regulatory Standards Concentrations in µg/L												
			TCE		PCE		1,2-DCE		Chloroform		Benzene		Other Compounds Detected		
			5.0		5.0		(total)				1.0			Result	
		10-Jul-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		16-Oct-97	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	0.9	JB
		28-Oct-98	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		15-Jul-99	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U	Acetone	4.2	J
18_MCAS07-6	809	17-Oct-88	0.5	U	0.6		0.5	U	0.5	U			Chlorobenzene	0.6	
		30-Nov-88	0.5	U	0.7		0.5	U	0.5	U			1,1,1-Trichloroethane	0.6	
		19-Jan-89	0.5	U	0.5	J	0.5	U	0.5	U			Chlorobenzene	0.7	
		5-Apr-89	0.5	U	0.5	U	0.5	U	0.5	U					
		4-May-89	0.5	U	0.5	U	0.5	U	0.5	U					
		8-Feb-90	0.5	U	0.5	U	0.5	U	0.5	U					
		2-Aug-90	0.5	U	0.5	U	0.5	U	0.5	U					
		17-Nov-90	0.5	U	0.5	U	0.5	U	0.5	U					
		22-Mar-91	0.5	U	0.5	U	0.5	U	0.5	U					
		26-Jul-91	0.5	U	0.5	U	0.5	U	0.5	U					
		23-Oct-91	0.5	U	0.5	U	0.5	U	0.5	U					
		12-May-92	0.5	U	0.5	U	0.5	U	0.5	U					
		20-Oct-92	0.5	U	0.5	U	0.5	U	0.5	U					
		5-Dec-92	0.5	U	0.5	U	0.5	U	0.5	U					
		17-Mar-93	0.5	U	0.5	U			0.5	U	0.5	U			
		16-Jun-93	0.5	U	0.5	U			0.5	U	0.5	U			
		28-Oct-93	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U			
		22-Dec-95		ND		ND		ND		ND		ND			

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