GROUNDWATER MONITORING
DATA SUMMARY REPORT
SECOND QUARTER 1994

DOUGLAS AIRCRAFT COMPANY C-6 FACILITY
TORRANCE, CALIFORNIA

K/J 944016.00

JUNE 1994

GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER, 1994

DOUGLAS AIRCRAFT COMPANY C-6 FACILITY
TORRANCE, CALIFORNIA

(K/J 944016.00)

TABLE OF CONTENTS

SECTION	TITLE	PAGE
1.0	INTRODUCTION	1
2.0	QUARTERLY MONITORING PROGRAM	1
	2.1 Groundwater Sampling Procedures	1
	2.2 Field QA/QC Procedures	2
3.0	EVALUATION OF ANALYTICAL RESULTS	2
	3.1 Groundwater Gradient	2
	3.2 Analytical Data	3

LIST OF TABLES

TABLE	TITLE
1	Observation Well Construction Details
2	Cumulative Summary of Observation Well Data (EPA Method 8240/8260)
3	Cumulative Summary of Observation Well Data (EPA Method 8240/8260), Minor Constituents
4	Summary of Groundwater Elevation Data

TABLE OF CONTENTS
(continued)

LIST OF FIGURES

FIGURE	TITLE
1	Site Vicinity Map
2	Groundwater Observation Well Locations
3	Observation Well Detected Chemical Concentrations, June 1994 Sampling Event
4	Estimated Groundwater Elevation Contour Map, Shallow Zone, June 1994 Sampling Event

APPENDICES

APPENDIX	TITLE
A	Laboratory Data Sheets
B	Laboratory/Field Quality Control Data Sheets
C	Groundwater Purge and Sample Forms
D	Chain-of-Custody Records

1.0 INTRODUCTION

The Douglas Aircraft Company (DAC) C-6 Facility is located at 19503 South Normandie Avenue, Torrance, California (Figure 1). Quarterly groundwater sampling is being conducted in response to the California Regional Water Quality Control Board -Los Angeles Region correspondence to DAC, dated 7 April 1992. This report summarizes laboratory analytical data generated through the chemical analysis of groundwater samples collected during the period of 10 and 13 June 1994, Second Quarter 1994.

2.0 QUARTERLY MONITORING PROGRAM

Second Quarter 1994 groundwater sampling was performed in accordance with standard sampling procedures. Static water level depths were measured on 10 June 1994 prior to initiating purging of groundwater from any observation wells. The static water depth of monitoring well WCC-7S was measured on 14 June 1994. Static water depths on monitoring wells (MW-9, MW-18 and MW-19) located in the southern portion of DAC property installed for the Montrose Chemical Corporation Remedial Investigation were not measured for this quarter.

Groundwater samples were collected from the following fifteen wells (Figure 2) and chemically analyzed for volatile organic compounds (VOCs) by EPA Method 8240/8260 for the Second Quarter 1994.

> WCC-1S, WCC-2S, WCC-3S, WCC-4S, WCC-5S, WCC-6S, WCC-7S, WCC-8S, WCC-9S, WCC-10S, WCC-11S, WCC-12S, WCC-1D, WCC-3D, and DAC-P1.

Table 1 summarizes observation well construction details. Tables 2 and 3 summarize the results of chemical analysis of groundwater samples and duplicates for major and minor constituents at the C-6 facility, respectively. Chemicals detected in samples from each observation well are shown in Figure 3. Table 4 summarizes available measured groundwater elevations to date. Estimated groundwater elevation contours for the Second Quarter are presented in Figure 4. Historical chemical concentration profiles for the indicator chemicals trichloroethene and 1,1-dichloroethene are shown in Figure 5. Copies of laboratory data sheets, laboratory/field Quality Control data sheets, groundwater purge and sample forms, and Chain-of-Custody records are included in Appendices A, B, C, and D respectively.

2.1 Groundwater Sampling Procedures

Prior to collecting groundwater samples from each well, groundwater was purged using an electrical submersible pump that was temporarily installed in the observation well. Observation well WCC-1S was purged with a bailer since the 2-inch casing size would not accommodate a pump. After lowering the pump to the approximate mid-point of the saturated well screen, approximately three to five wetted casing volumes of groundwater were purged from the well until the

following groundwater monitoring parameters had stabilized to within 10% of preceding values: pH, electrical conductivity, temperature and clarity. Purged groundwater was stored onsite in DOT approved 55 gallon barrels pending the results of laboratory analysis of samples.

Following groundwater purging, the submersible pump was removed from the well and a representative groundwater sample was collected using a steam-cleaned stainless steel point-source bailer equipped with top and bottom ball-check valves. The bailer was lowered to the approximate mid-point of the saturated well screen interval and retrieved to ground surface. The contents of the bailer were drained into three labelled 40-ml capacity vials, preserved with HCl.

2.2 Field QA/QC Procedures

Duplicate groundwater samples were collected for the sampling rounds on 10 and 13 June 1994 for quality control purposes. The duplicates were collected in three Hcl-preserved vials each and identified by inserting the collection date after "DW-" (DW-061094 and DW-061394). No further sample identification was provided to the laboratory. Samples DW-061094 and DW-061394 were taken from observation wells WCC-5S and WCC-6S, respectively.

Following decontamination of the bailer by steam-cleaning, and prior to collection of groundwater samples from the successive well, equipment rinsate blanks were prepared for laboratory analysis. The equipment rinsate blanks were prepared by pouring Reagent Grade II water, prepared by the analytical laboratory, through the bailer and discharge spigot and collecting the rinsate in one 40-ml vial preserved with Hcl. The blanks were identified following a similar protocol to that used for duplicate water samples and are identified as "FB-061094" and "FB-061394". The wells sampled before and after rinsate blank preparation were recorded. FB-061094 was collected after sampling WCC-11S, the last well sampled that day. FB-061394 was collected after sampling well DAC P-1, the last well sampled that day. Trip blanks were also analyzed for both days of sampling and shipping and are identified by TB-061094 and TB-061394.

All groundwater duplicate and field blank samples were transported in ice-cooled chests to Terra Tech Labs, Inc., Irvine, California using U.S. EPA-recommended Chain-of-Custody procedures.

3.0 EVALUATION OF ANALYTICAL RESULTS

3.1 Groundwater Gradient

Groundwater levels were measured prior to sampling on 10 June 1994 (Table 4 and Appendix C). The groundwater elevations over the C-6 facility range from 16.60 feet below mean sea level (MSL) to 18.63 feet below MSL. An estimated potentiometric surface map for the shallow zone as measured on this day is presented as Figure 4. Water level measurements show an average rise of approximately 0.40 feet over the DAC C-6 facility since the February 1994 quarterly monitoring. The

water level measurement for WCC-9S appears to be in error as it does not follow this area trend, and consequently it is not incorporated in Figure 4. The groundwater gradient in the shallow zone was generally south-southeast with a southerly trough-like depression in the vicinity of observation well WCC-12S.

Insufficient data (two wells) are available to define the groundwater gradient in the deeper zone. Groundwater elevation in the two wells (WCC-1D and WCC-3D) is approximately 17.47 and 17.39 feet below MSL, respectively.

3.2 Analytical Data

The results of chemical analysis of groundwater and duplicate samples are summarized in Tables 2 and 3. Table 2 lists major constituents and Table 3 lists additional minor constituents of samples tested. The duplicate groundwater samples are indicated by an asterisk and are presented with the "original" groundwater samples. These tables include cumulative analytical data for all monitoring wells and detection limits (where available) for the listed chemicals.

The following observations are noted:

- Data for groundwater samples collected from well DAC-P1, located at the upgradient property boundary, indicate a TCE concentration of 20,000 micrograms per liter (µg/L) coming onto DAC's property. This test result is consistent with prior sampling events. DAC-P1 is screened in the shallow zone.

- Background concentrations of TCE and 1,1-DCE in the shallow zone upgradient or cross gradient wells WCC-10S, WCC-2S, and WCC-11S remain in the range of 100 µg/L of TCE and tens of µg/L of 1,1-DCE.

- Groundwater elevation data (Figure 4) and chemical concentration data (Figure 3) indicate that chemical transport in the shallow zone is in a generally southerly to southeasterly direction in the vicinity of buildings 36 and 41. Chemical concentration data from the eastern boundary observation wells (WCC-5S, and WCC-9S) are within the same range or lower than upgradient or cross gradient "background level" wells (WCC-10S, WCC-2S and WCC-11S).

- Analytical data from the equipment rinsate blanks, sample duplicates, trip blanks, and laboratory spikes and duplicates are indicative of reliable data.

- WCC-3S showed significant decreases in several chemicals over the past two quarters, specifically 1,1 DCE, 1,1,1 TCA, TCE, MIBK and Toluene. Additional sampling will allow for an assessment of a trend.

- Chemical concentration variances within all observation wells (other than WCC-3S discussed above) were within historical ranges.

TABLE 1
OBSERVATION WELL CONSTRUCTION DETAILS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER, 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.00

Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
WCC-1S[1]	03-26-87	2	91	78-88	72	Schedule 40 PVC 0.020-Inch Slots	Shallow
WCC-2S[1]	10-28-87	4	90.5	70-90	63	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-3S[1]	10-26-87	4	92.0	69-89	64	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-4S[1]	10-27-87	4	91.5	70.5-90.5	65	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-5S[1]	11-24-87	4	91	60.5-91	58.5	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-6S[2]	09-22-89	4	91	60-90	N/A[3]	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-7S[2]	06-08-89	4	90.5	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-8S[2]	06-12-89	4	90	59.5-89.5	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-9S[2]	09/21/89	4	91.5	60-90	55	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-10S[2]	06-07-89	4	90.8	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-11S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-12S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
DAC-P1	09-25-89	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-1D[2]	06-30-89	4	140	120-140	115	Schedule 40 PVC 0.010-Inch Slots	Deeper
WCC-3D[2]	06-27-89	4	140	120-140	114	Schedule 40 PVC 0.010-Inch Slots	Deeper

TABLE 1 (continued)
OBSERVATION WELL CONSTRUCTION DETAILS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER, 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.00

Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
MW-8[4]	05/10/89	4	85	65-80	62	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-9[4]	05/09/89	4	85	66-81	61	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-18[4]	03/29/90	4	84	68-83	67	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow
MW-19[4]	03/30/90	4	80	63-79	62	PVC blank and 316 Stainless Steel 0.020-inch Slot Screen	Shallow

Notes:
1. Data from Woodward-Clyde Consultants Phase II Report, May 1988
2. Data from Woodward-Clyde Consultants Phase III Report, March 1990
3. N/A = Not Available
4. Data from Hargis + Associates, Final Draft, Remedial Investigation, Montrose Site, Torrance, Ca, October 1992

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1S	03/27/87	2800	-	300	4,600	-	-	-	-	85	-	-
	*04/13/87	3,700/2,500	-/-	260/120	5,500/3,600	-/-	-/-	-/-	-/-	110	-/-	-/
	11/12/87	3,000	23	160	5,200	-	-	75	39	160	-	-
	07/13/89	900	<20	67	2,400	<100	<20	<20	<20	<20	<20	-
	08/23/89	1,500	30	<30	2,800	<100	41	<30	<30	<30	<30	-
	11/18/91	1,300	-	-	3,700	-	-	-	-	-	-	-
	06/17/92	1,700	<50	<50	3,800	<100	<5	<50	<50	<50	<50	<100
	09/23/92	1,500	13	16	3,400	<5	<1	14	13	37	1	<5
	12/09/92	1,500	<30	<30	3,100	<100	<30	<30	<30	30	<30	<100
	03/18/93	1,000	13	15	2,100	<5	27	15	14	33	<2	<10
	06/08/93	1,200	<20	<20	2,400	<200	27	<20	<20	35	<20	<400
	08/25/93	1,700	<20	<20	3,300	<200	27	<20	<20	42	<20	<400
	11/19/93	1,600	<20	<20	2,600	<200	25	<20	<20	38	<20	<400
	2/24/94	1,800	<20	<20	2,700	<200	33	21	<20	39	<20	<400
	6/13/94	1,000	11	11	1,700	<100	20	16	<10	<10	<10	<200
WCC-2S	11/02/87	5	-	5	14	-	-	-	-		6	
	11/12/87	2	-	1	4	-	-	-	-		1	
	7/13/89	<1	<1	<1	5	<5	<1	<1	<1	<1	<1	
	8/23/89	<1	<1	<1	3	<5	<1	<1	<1	<1	<1	
	11/19/91	30	-	8	110	-	-	-	-	-	75	
	06/16/92	30	<5	<5	100	<10	<5	<5	<5	<5	<5	<10
	*09/22/92	18/19	<1/<1	<1/<1	110/97	<5/<5	<1/<1	<1/<1	<1/<1	<1/<1	1/1	<5/<5
	*12/08/92	49/27	<1/<1	2/2	140/99	<5/<5	<1/<1	<1/<1	<1/2	<1/<1	<1/<1	<5/<5
	*03/17/93	32/33	<2/<2	<2/<2	110/100	<5/<5	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<10/<10
	06/07/93	48	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	08/24/93	16	<2	<2	90	<20	<2	<2	<2	<2	<2	<40
	11/19/93	41	<2	<2	94	<20	<2	<2	<2	<2	<2	<40
	2/24/94	30	<2	<2	96	<20	<2	<2	<2	<2	<2	<40
	6/10/94	24	<2	<2	97	<20	<2	<2	<2	<2	<2	<40

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-3S	11/02/87	38,000	-	110,000	10,000	54,000	-	-	-		80,000	
	11/12/87	88,000	1,000	54,000	11,000	70,000	-	1,000	-		140,000	
	07/13/89	18,000	<500	56,000	7,700	<3000	<500	660	<500	<500	32,000	
	08/23/89	56,000	<1,000	78,000	6,000	<5000	<1,000	<1,000	<1,000	<1,000	56,000	-
	11/14/91	12,000	400	6,900	7,900	70,000	550	550	250	-	27,000	12,000
	06/17/92	25,000	<5,000	13,000	13,000	100,000	<5,000	<5,000	<5,000	<,5000	51,000	<10,000
	09/23/92	22,000	<500	7,800	12,000	82,000	<500	<500	<500	<500	52,000	<3,000
	12/09/92	21,000	<500	5,600	11,000	90,000	700	600	<500	<500	44,000	4,000
	*03/18/93	20,000/20,000	650/510	21,000/22,000	8,800/8,800	44,000/45,000	650/640	640/670	120/110	240/260	42,000/42,000	<50/<50
	06/08/93	16,000	420	5,900	8,600	79,000	520	480	<100	210	37,000	<2,000
	*08/25/93	21,000/20,000	500/560	10,000/9,500	11,000/9,700	50,000/49,000	670/700	680/710	<400/<10	<400/250	46,000/40,000	<8,000/660
	11/19/93	26,000	690	19,000	10,000	47,000	1,100	840	<200	280	50,000	<4,000
	2/24/94	15,000	310	9,600	2,500	15,000	2,500	360	<200	<200	25,000	<4,000
	6/13/94	13000	310	6200	820	9900	4100	360	<200	<200	23000	<4000
WCC-4S	11/02/87	360	-	14	700	-	-	2	2			
	11/12/87	1,200	-	35	690	-	-	-	-			
	7/13/89	170	<3	11	270	-	10	<3	<3	<3	<3	
	08/23/89	360	<5	7	410	<20	15	<5	<5	<5	<5	
	11/18/91	1,000		20	2,200	<30	-	-	-	-		
	06/17/92	920	<25	<25	1,500	<50	<25	<25	<25	<25	<25	<50
	09/23/92	1,400	<10	20	1,900	<50	<10	<10	10	<10	<10	<50
	12/08/92	1,000	<10	20	1,600	<50	10	<10	10	<10	<10	<50
	03/17/93	810	8	14	1,200	<5	8	5	5	6	<2	<10
	06/08/93	1,300	<10	12	1,800	<100	10	<10	<10	<10	<10	<200
	08/25/93	1,100	<10	<10	1,400	<100	<10	<10	<10	<10	<10	<200
	11/19/93	610	17	8	700	<40	6	5	<4	4	9	<80
	2/24/94	1,100	5.8	8.8	980	<40	8.7	7.2	5.1	6.4	<4	<80
	6/14/94	800	<4	5.1	940	<40	7.1	5.2	<4	<4	<4	<80

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-5S	11/30/87	7	-	1	-	-	-	-	-	-	1	-
	01/08/88	4	-	10	-	-	-	-	-	-	-	-
	*07/13/89	3/3	<1/<1	13/12	<5/<5	<1/<1	6/6	<1/<1	<1/<1	<1/<1	<1/<1	-
	08/23/89	<1	<1	12	<5	<1	4	<1	<1	<1	<1	-
	11/19/91	20	-	-	8	-	-	-	-	-	7	-
	06/15/92	28	<5	<5	7	<10	<5	<5	<5	<5	<5	<10
	09/21/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	12/07/92	21	<1	<1	5	<5	<1	<1	<1	<1	<1	<5
	03/16/93	18	<2	<2	4	<5	<2	<2	<2	<2	<2	<10
	06/07/93	22	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
	08/24/93	23	<2	<2	5	<20	<2	<2	<2	<2	<2	<40
	11/18/93	21	<2	<2	3	<20	<2	<2	<2	<2	<2	<40
	2/23/94	20	<2	<2	4	<20	<2	<2	<2	<2	<2	<40
	*6/10/94	25/25	<2/<2	<2/<2	3.4/3.4	<20<20	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
WCC-6S	10/06/89	210	4	130	140	<5	12	7	<1	<1	<1	-
	11/16/91	5,800		5,000		17,000	-	-	-	-	35,000	21,000
	06/17/92	5,400	<500	2,100	3,000	7,600	<500	<500	<500	<500	15,000	6,300
	09/23/92	5,900	94	1,300	3,100	7,500	200	170	20	67	10,000	3,600
	*12/09/92	3,700/5,600	80/<100	680/1,400	2,700/3,200	3,400/<500	200/200	100/200	<50/<100	80/<100	5,000/10,000	3,000/5,000
	03/17/93	3,200	50	1,200	1,400	3,900/<500	<10	80	15	40	10,000	3,800
	06/08/93	5,500	<100	1,900	2,100	13,000	260	120	<100	<100	21,000	7,800
	08/25/93	5,400	<100	2,100	1,900	11,000	630	130	<100	<100	19,000	7,600
	11/19/93	2,200	42	440	670	4,700	480	57	<10	24	4,900	3,100
	2/24/94	11,000	91	2,200	1,800	13,000	1,400	140	21	52	20,000	4,400
	*6/13/94	5800/6300	87/<100	1900/1500	1400/1300	4400/5200	1600/1400	130/100	18/<100	52/<100	12000/<13000	1400/<2000
WCC-7S	07/13/89	850	<10	110	1,300	<50	26	11	<10	<10	<10	-
	08/23/89	1,100	<30	66	1,400	<100	31	<30	<30	<30	<30	-
	11/18/91	390	-	-	1,200	-	-	-	-	-	-	-
	06/17/92	230	<5	<5	560	<10	<5	<5	<5	<5	<5	<10
	09/23/92	140	<5	<5	570	<30	<5	<5	<5	<5	<5	<30
	12/08/92	140	<5	<5	430	<30	<5	<5	<5	<5	<5	<30
	03/17/93	77	<2	<2	200	<5	4	<2	<2	<2	<2	<10
	06/07/93	120	<2	<2	330	<20	4	<2	<2	<2	<2	<40
	08/25/93	70	<4	<4	210	<40	4	<4	<4	<4	<4	<80
	11/19/93	56	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	2/24/94	75	<2	<2	140	<20	2.5	<2	<2	<2	<2	<40
	6/13/94	58	<2	<2	110	<20	2.5	<2	<2	<2	<2	<40

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-8S	07/13/89	430	<5	160	240	<30	7	9	<5	<5	<5	-
	08/23/89	820	<5	130	430	<30	7	<5	<5	<5	<5	-
	11/15/91	2,600	-	400	3,000	-	40	40	25		120	-
	*06/17/92	2,200/2,300	<25/<50	180/180	2,400/2,600	<50/<100	<25/<50	<25/<50	<25/<50	<25/<50	<25/<50	<50/<100
	09/23/92	2,800	<20	200	3,100	<100	<20	20	20	<20	<20	<100
	12/08/92	2,000	<20	100	2,500	<100	20	30	20	20	<20	<100
	03/17/93	1,800	11	180	1,500	<5	15	26	10	15	<2	<10
	06/08/93	3,000	<20	300	2,000	<200	<20	40	<20	<20	<20	<400
	08/25/93	3,100	<20	330	2,200	<200	<20	45	<20	<20	<20	<400
	11/19/93	3,300	<20	330	2,000	<200	<20	50	<20	24	<20	<400
	2/24/94	3,400	<20	300	1,200	<200	<20	35	<20	<20	<20	<400
	6/13/94	4,100	<40	290	2,200	<400	<40	44	<40	<40	<40	<800
WCC-9S	10/06/89	<1	<1	<1	15	<5	7	<1	<1	<1	<1	
	11/19/91	-	-	-	20	-	-	-	-	-	-	
	06/15/92*	7	<5	<5	42	<10	<5	<5	<5	<5	<5	<10
	09/21/92	6	<1	<1	45	<5	2	<1	6	<1	<1	<5
	12/07/92	10	<1	<1	51	<5	<1	<1	12	<1	<1	<5
	03/16/93	6	<2	<2	23	<5	3	<2	11	<2	<2	<10
	*06/07/93	11/11	<2/<2	<2/<2	42/39	<20/<20	<2/<2	<2/<2	18/17	<2/<2	<2/<2	<40/<40
	08/24/93	5	<2	<2	26	<20	4	<2	<2	<2	<2	<40
	11/18/93	5	<2	<2	43	<20	<2	<2	7	<2	<2	<40
	2/23/94	<4	<2	<2	31	<20	2	<2	4	<2	<2	<40
	6/10/94	<4	<2	<2	28	<20	4.4	<2	2.5	<2	<2	<40
WCC-10S	*07/13/89	2/1	<1/<1	<1/<1	86/87	<5/<5	<1/<1	<1/<1	3/3	<1/<1	<1/<1	
	08/23/89	4	<1	<1	81	5	<1	<1	4	<1	<1	
	11/20/91	-	-	-	87	-	-	-	-	-	-	
	06/16/92	10	<5	<5	120	<10	<5	<5	<5	<5	<5	13
	*09/21/92	9/9	<1/<1	<1/<1	120/110	<5/<5	<1/<1	<1/<1	4/4	<1/<1	<1/<1	<5/<5
	12/8/92	8	<1	<1	110	<5	<1	<1	5	<1	<1	<5
	03/16/93	9	<2	<2	130	<5	<2	<2	6	<2	<2	<10
	06/07/93	13	<2	<2	120	<20	<2	<2	4	<2	<2	<40
	08/25/93	<4	<2	<2	120	<20	<2	<2	<2	<2	<2	<40
	11/19/93	9	<2	<2	82	<20	<2	<2	2	<2	<2	<40
	2/23/94	10	<2	<2	110	<20	<2	<2	5	<2	<2	<40
	6/10/94	17	<2	<2	120	<20	<2	<2	4.3	<2	<2	<40

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-11S	11/15/91	10	-	-	80	-	-	-	-	-	-	-
	06/16/92	21	<5	<5	120	<10	<5	<5	<5	<5	<5	<10
	09/21/92	17	<1	<1	140	<5	2	<1	<1	<1	<1	<5
	12/08/92	13	<1	<1	83	<5	6	<1	<1	<1	<1	<5
	03/16/93	25	<2	<2	160	<5	4	<2	<2	<2	<2	<10
	06/07/93	16	<2	<2	110	<20	5	<2	<2	<2	<2	<40
	08/24/93	14	<2	<2	97	<20	4	<2	<2	<2	<2	<40
	*11/19/93	14/14	<2/<2	<2/<2	100/100	<20/<20	3/3	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	2/23/94	16	<2	<2	100	<20	4	<2	<2	<2	<2	<40
	6/10/94	16	<2	<2	85	<20	4.8	<2	<2	<2	<2	<40
WCC-12S	11/18/91	300	-	17	900	-	-	-	-	-	-	-
	*06/16/92	250/260	<5/5	<5/<5	660/710	<10/<10	<5/<5	<5/<5	<5/<5	<5/<5	<5/<5	<10/10
	09/22/92	130	7	1	500	<5	3	<1	3	<1	<1	<5
	12/08/92	160	<5	<5	550	<30	5	<5	<5	<5	<5	<30
	03/17/93	100	7	<2	410	<5	4	8	3	<2	<2	<10
	06/07/93	130	2	<2	370	<20	5	<2	<2	<2	<2	<40
	08/25/93	100	<4	<4	390	<40	<4	<4	<4	<4	9	<80
	11/19/93	45	9	<2	220	<20	<2	<2	<2	<2	<2	<40
	2/24/94	89/77	7.7/3.9	<2/<2	270/220	<20/<20	2.9/3.3	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	6/13/94	84	15	<2	270	<20	2.6	<2	2.2	<2	<2	<40
DAC-P1	10/09/89	<200	<200	<200	17,000	<1,000	<200	<200	<200	<200	<200	<1,000
	06/17/92	<5	<5	<5	21,000	<10	13	<5	10	<5	<5	<10
	*06/23/92	4/4	<1/<1	<1/<1	28,000/28,000	<5/<5	71/70	1/2	54/51	5/5	<1/<1	<5/<5
	12/09/92	<300	<500	<500	29,000	<3,000	<500	<500	<500	<500	<500	<3,000
	03/18/93	21	<2	44	21,000	7	68	2	44	5	260	<10
	06/08/93	<200	<100	<100	28,000	<1,000	<100	<100	<100	<100	130	<2,000
	08/25/93	<400	<200	<200	27,000	<2,000	<200	<200	<200	<200	300	<4,000
	11/19/93	<40	<20	<20	24,000	<200	81	<20	52	<20	<20	<400
	2/24/94	<40	<20	<20	20,000	<200	89	<20	47	<20	<20	<400
	6/13/94	<40	<20	<20	20,000	<200	92	<20	46	<20	<20	<400

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	1,1-DCE	1,1,-DCA	1,1,1-TCA	TCE	MIBK	cis-1,2-DCE	trans-1,2-DCE	CHLOROFORM	BENZENE	TOLUENE	MEK
WCC-1D	07/25/89	<1	<1	<1	2	<5	1	<1	<1	<1	1	-
	08/23/89	<1	<1	1	2	<5	<1	<1	<1	<1	<1	-
	11/15/91	90	-	8	40	-	-	-	-		20	
	*06/15/92	1,500/1,300	<25/<25	63/64	230/210	<50/<65	<25/<25	<25/<25	<25/<25	<25/<25	<25/<25	<50/<50
	09/22/92	180	<1	8	44	<5	2	<1	<1	<1	<1	<5
	*12/07/92	160/150	<1/<1	8/160	41/6	<5/<5	2/<1	<1/<1	1/1	<1/<1	<1/3	<5/<5
	03/16/93	200	<2	19	23	<5	3	<2	<2	<2	<2	<10
	*06/08/93	500/480	<10/<4	14/17	71/72	<100/<40	<10/<4	<10/<4	<10/<4	<10/<4	<10/<4	<200/<80
	08/24/93	540	<2	16	67	<20	3	2	<2	<2	2	<40
	11/18/93	880	<2	16	110	<20	3	3	<2	<2	<2	<40
	2/23/94	140	<2	3	14	<20	<2	<2	<2	<2	<2	<40
	6/10/94	230	<2	3.7	24	<20	<2	<2	<2	<2	<2	<40
WCC-3D	07/25/89	<1	<1	49	4	<5	11	<1	<1	<1	3	-
	08/23/89	<10	<10	32	<10	<50	<10	<10	<10	<10	<10	-
	11/14/91	20	-	60	-	-	-	-	-	-	-	
	06/16/92	510	<5	880	23	<10	<5	<5	<5	<5	8	<10
	09/22/92	21	<1	27	2	<5	<1	<1	<1	<1	<1	<5
	12/07/92	120	<1	130	5	<5	<1	<1	1	<1	3	<5
	*03/16/93	950/1,000	6/6	2,000/2,000	50/47	<5/<5	2/2	9/9	<2/<2	<2/<2	6/6	<10/<10
	06/08/93	110	<2	110	6	<20	<2	<2	<2	<2	<2	<40
	08/24/93	120	<2	100	5	<20	<2	<2	<2	<2	3	<40
	*11/18/93	610/840	<2/<4	410/640	17/23	<20/<40	<2/4	4/4	<2/<4	<2/<4	6/8	<40/<80
	2/23/94	370/420	<4/<4	530/590	23/25	<40/<40	<4/<4	<4/<4	<4/<4	<4/<4	12/13	<80/<80
	6/13/94	720	<10	1300	96	<100	<10	<10	<10	<10	<10	<200

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-1S	03/27/87	-	-	-	-	-	-	-	-	-	-
	*04/13/87	-	-	-	-	-	-	-	-		-
	11/12/87	-	-	-	-	-	-	-	-		-
	07/13/89	-	-	-	-	-	-	-	-		-
	08/23/89	-	-	-	-	-	-	-	-		-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<300	-	-	-	-	-	-	-		-
	09/23/92	<5	<1	<1	4	<1	<1	<1	22	<1	<1
	12/09/92	<100	<30	<30	40	<30	<30	<30	<30	<30	<30
	03/18/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<400	<20	<20	<100	<20	<20	<20	<20	<20	<20
	08/25/93	<400	<20	<20	<40	<20	<40	<20	<20	<20	<20
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/94	<200	<30	<10	<50	<10	<20	<10	<10	<10	<10
WCC-2S	11/02/87	-	-	-	-	-	-	-	-		
	11/12/87	-	-	-	-	-	-	-	-		
	7/13/89	-	-	-	-	-	-	-	-		
	8/23/89	-	-	-	-	-	-	-	-		-
	11/19/91	-	-	-	-	-	-	-	-		-
	06/16/92	<10	-	-	-	-	-	-	-		-
	*09/22/92	<5/<5	<1/<1	<1/1	11/9	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	*12/08/92	6/<5	<1/<1	<1/<1	5/2	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	*03/17/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-3S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-		-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<30,000	-	-	-	-	-	-	-	-	-
	09/23/92	<3,000	<500	<500	900	<500	<500	<500	<500	<500	<500
	12/09/92	<3,000	<500	<500	<500	<500	<500	<500	<500	<500	<500
	*03/18/93	<50/<50	120/110	<25/<25	<50/<50	<25/<25	55/60	<10/<10	<25/<25	<10/<10	100/95
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	*08/25/93	<8,000/<200	<400/154	<400/<10	<800/<50	<400/<10	<800/52	<400/<10	<400/<10	<400/21	<400/86
	11/19/93	<4,000	<200	<200	<1,000	<200	<200	<200	<200	<200	<200
	2/24/94	<4,000	<200	<200	<1,000	<200	<400	<200	<200	<200	<200
	6/13/94	<4000	<600	<200	<1000	<200	<400	<200	<200	<200	<200
WCC-4S	11/02/87	-	-	-	-	-	-	-	-	-	
	11/12/87	-	-	-	-	-	-	-	-	-	-
	7/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/18/91	-	-	-	-	-	-	-	-	-	
	06/17/92	<150	-	-	-	-	-	-	-	-	-
	09/23/92	<50	<10	<10	20	<10	<10	<10	<10	<10	<10
	12/08/92	<50	<10	<10	50	<10	<10	<10	<10	<10	<10
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<200	<10	<10	<40	<10	<20	<10	<10	<10	<10
	08/25/93	<200	<10	<10	<20	<10	<20	<10	<10	<10	<10
	11/19/93	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	2/24/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/94	<80	<12	<4	<20	<4	<8	<4	<4	<4	<4

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-5S	11/30/87	-	-	-	-	-	-	-	-	-	-
	01/08/88	-	-	-	-	-	-	-	-	-	-
	*07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/15/92	<10	-	-	-	-	-	-	-	-	-
	09/21/92	<5	<1	3	8	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<2	<4	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	4	<2	<2
	*6/10/94	<40/<40	<6/<6	<2/<2	<20/<20	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
WCC-6S	10/06/89	-	-	-	-	-	-	-	-		
	11/16/91	-	-	-	-	-	-	-	-		
	06/17/92	<3,000	-	-	-	-	-	-	-	-	-
	09/23/92	78	26	<1	5	<1	96	<1	<1	5	5
	*12/09/92	<300/<500	<50/<100	<50/<100	100/200	<50/<100	60/<100	<50/<10	<50/<100	<50/<10	<80/<10
	03/17/93	<50	20	<25	<50	<25	<10	<10	<25	<10	50
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	08/25/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	11/19/93	<200	<10	<10	<50	<10	<20	<10	<10	<10	37
	2/24/94	230	58	<10	<50	<10	74	<10	<10	10	47
	*6/13/94	<200/<2000	51/<300	<10/<100	<50/<500	<10/<100	69/<200	<10/<100	<10/<10	<10/<100	41/<100

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-7S	07/13/89	-	-	-	-	-		-	-		-
	08/23/89	-	-	-	-	-	-	-	-		-
	11/18/91	-	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	09/23/92	<30	<5	<5	10	<5	<5	<5	<5	<5	<5
	12/08/92	<30	<5	<5	10	<5	<5	<5	<5	<5	<5
	03/17/93	<10	<5	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<80	<4	<4	31	<4	<8	<4	<4	<4	<4
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/13/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
WCC-8S	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-		-
	11/15/91	-	-	-	-	-	-	-	-	-	-
	*06/17/92	<150/<300	-	-	-	-	-	-	-	-	-
	09/23/92	<100	<20	<20	40	<20	<20	<20	<20	<20	<20
	12/08/92	<100	<20	<20	30	<20	<20	<20	<20	<20	<20
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/08/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	08/25/93	<400	<20	<20	<40	<20	<40	<20	<20	<20	<20
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/94	<800	<120	<40	<200	<40	<80	<40	<40	<40	<40
WCC-9S	10/06/89	-	-	-	-	-	-	-	-		-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	06/15/92	<30	-	-	-	-	-	-	-		-
	09/21/92	<5	<1	<1	10	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	*06/07/93	<40/<40	<2/<2	<2/<2	<4/<4	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-10S	*07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/20/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	35	-	-	-	-	-	-	-	-	-
	*09/21/92	<5/<5	<1/<1	<1/<1	8/8	1/1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	12/8/92	<5	<1	<1	3	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
WCC-11S	11/15/91	-	-	-	-	-	-	-	-	-	
	06/16/92	<10	-	-	-	-	-	-	-	-	
	09/21/92	<5	<1	2	9	<1	<1	<1	<1	<1	<1
	12/08/92	<5	<1	<1	4	<1	<1	<1	<1	<1	<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/19/93	<40/<40	<2/<2	<2/<4	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
WCC-12S	11/18/91	-	-	-	-	-	-	-	-	-	
	*06/16/92	<10/<10	-	-	-	-	-	-	-	-	
	09/22/92	<5	<1	4	7	<1	<1	<1	<1	<1	<1
	12/08/92	<30	<5	<5	20	<5	<5	<5	<5	<5	<5
	03/17/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	06/07/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/25/93	<80	<4	<4	<8	<4	<8	<4	<4	<4	<4
	11/19/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/24/94	<40/<40	<2/<2	<2<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	6/13/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CA

COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results in ug/l.

WELL I.D.	SAMPLE DATE	Acetone	Total Xylenes	Trichloro-fluoromethane	Methylene Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
DAC-P1	10/09/89	<1,000	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	*06/23/92	<5/<5	<1/<1	1/1	4/4	4/4	9/9	13/13	<1/<1	<1/<1	<1/<1
	12/09/92	<3,000	<500	<500	2,000	<500	<500	<500	<500	<500	<500
	03/18/93	<10	<2	<5	<10	<5	5	10	<5	<2	<2
	06/08/93	<2,000	<100	<100	<200	<100	<200	<100	<100	<100	<100
	08/25/93	<4,000	<200	<200	<400	<200	<400	<200	<200	<200	<200
	11/19/93	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	2/24/94	<400	<20	<20	<100	<20	<40	<20	<20	<20	<20
	6/13/94	<400	<60	<20	<100	<20	<40	<20	<20	<20	<20
WCC-1D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/15/91	-	-	-	-	-	-	-	-	-	-
	*06/15/92	<50/<50	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	4	11	<1	<1	<1	<1	<1	<1
	*12/07/92	<5/<5	<1/<1	<1/<1	2/2	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1	<1/<1
	03/16/93	<10	<2	<5	<10	<5	<2	<2	<5	<2	<2
	*06/08/93	<200/<80	<10/<4	<10/<4	<20/<10	<10/<4	<20/<8	<10/<4	<10/<4	<10/<4	<10/<4
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	11/18/93	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	2/23/94	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2
	6/10/94	<40	<6	<2	<20	<2	<4	<2	<2	<2	<2
WCC-3D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<30	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	1	8	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	1	<1	<1	<1	<1	<1	<1
	*03/16/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/08/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/18/93	<40/<80	<2/<4	<2/<4	<10/<20	<2/<4	<4/<8	<2/<4	<2/<4	<2/<4	<2/<4
	2/23/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/94	<200	<30	<10	<50	<10	<20	<10	<10	<10	<10

1 * Duplicate sample also analyzed.
2 - Not Detected (Detection Limit not specified)

TABLE 4

SUMMARY OF GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.00

Observation Well	Reference Point[1] Elevation (Feet Above MSL)[2]	Water Level Elevation (Feet Above Mean Sea Level)					
		04/09/93	06/07/93	08/24/93	11/18/93	2/23/94	06/10/94
WCC-1S	50.70	-18.79	-18.75	-18.25	-18.00	-17.61	-17.23
WCC-2S	50.59	-18.64	-18.63	-18.15	-17.87	-17.49	-17.07
WCC-3S	51.19	-18.83	-18.82	-18.36	-18.01	-17.67	-17.19
WCC-4S	49.69	-18.86	-18.78	-18.37	-18.16	-17.77	-17.32
WCC-5S	48.22	-18.83	-18.78	-18.38	-18.13	-17.78	-17.33
WCC-6S	50.95	-19.03	-18.97	-18.55	-18.32	-17.92	-17.48
WCC-7S	48.29	-19.30	-19.23	-18.83	-18.60	-18.22	-17.82
WCC-8S	50.56	-18.69	-18.61	-18.19	-17.89	-17.49	-17.11
WCC-9S	47.01	-19.09	-19.09	-18.69	-18.42	-18.09	-18.63
WCC-10S	51.12	-18.42	-18.33	-17.83	-17.54	-17.07	-16.67
WCC-11S	49.97	-18.13	-18.04	-17.60	-17.36	-16.96	-16.45
WCC-12S	46.92	-19.26	-19.20	-18.78	-18.58	-18.13	-17.74
DAC-P1	52.44	-17.46	-17.38	-17.03	-16.76	-16.74	-16.60
WCC-1D	50.45	-19.10	-19.00	-18.53	-18.34	-17.83	-17.47
WCC-3D	51.18	-18.87	-18.85	-18.40	-18.18	-18.00	-17.39
MW-8[6]	49.09	NA	NA	NA	NA	NA	NA
MW-9[6]	48.67	NA	-20.58	NA	NA	NA	NA
MW-18[6]	50.29	NA	-20.88	NA	NA	NA	NA
MW-19[6]	46.55	NA	-20.13	NA	NA	NA	NA

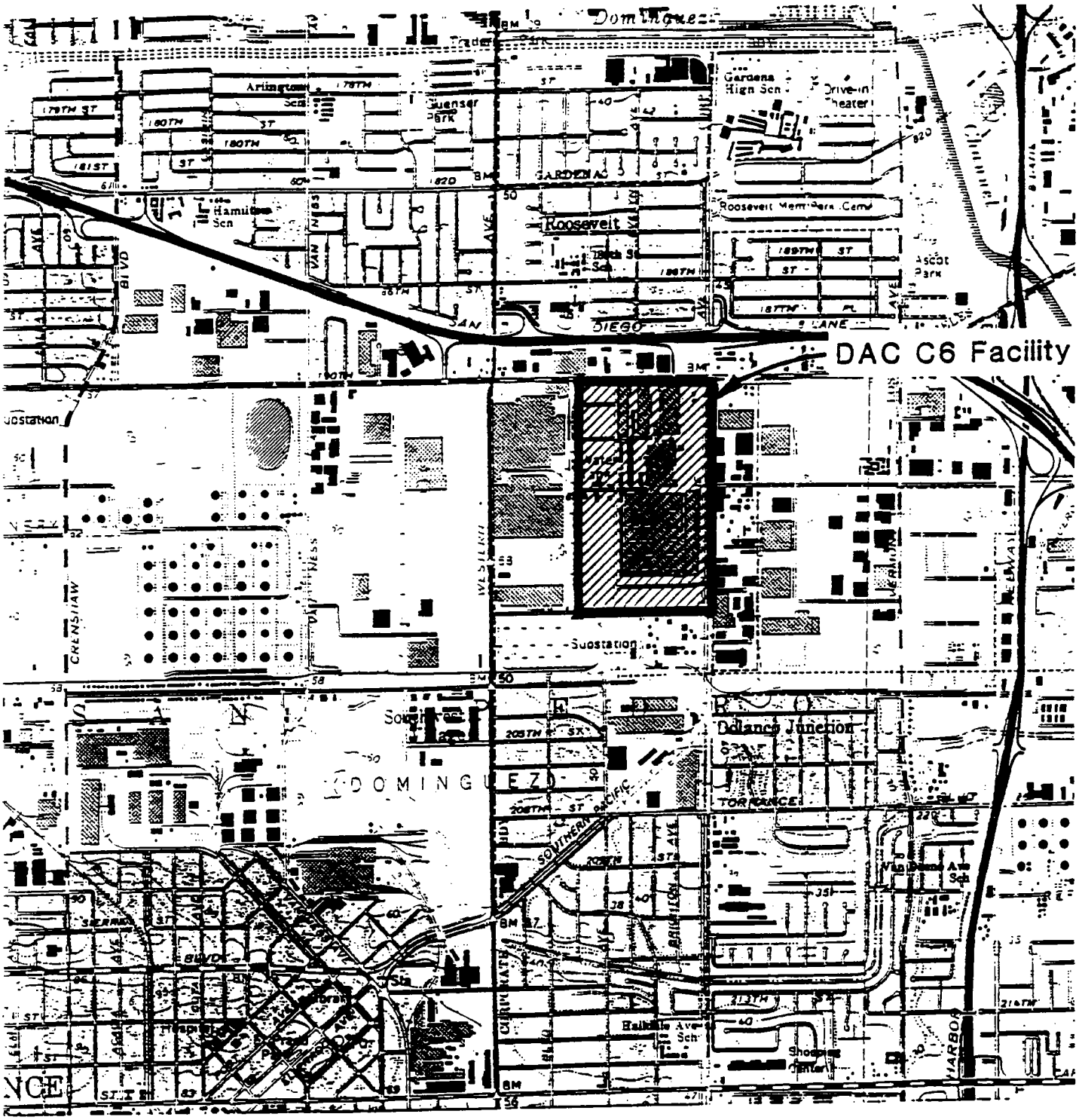
TABLE 4

SUMMARY OF GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1994
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

Observation Well	Reference Point[1] Elevation (Feet Above MSL)[2]	Water Level Elevation (Feet Above Mean Sea Level)				
		11/13/87[3]	10/18/89[4]	06/15/92	09/21/92	01/05/93
WCC-1S	50.70	-21.63	-19.48	-19.20	-19.42	-19.34
WCC-2S	50.59	-19.72	-19.06	-19.15	-19.41	-19.51
WCC-3S	51.19	-21.56	-19.42	-19.24	-19.52	-19.73
WCC-4S	49.69	-21.77	-19.59	-19.22	-19.49	-19.34
WCC-5S	48.22	NA[5]	-19.70	-19.13	-19.42	-19.32
WCC-6S	50.95	NA	-19.70	-19.40	-19.64	-19.50
WCC-7S	48.29	NA	-20.07	-19.63	-19.93	-19.76
WCC-8S	50.56	NA	-19.35	-19.11	-19.34	-19.19
WCC-9S	47.01	NA	-20.07	-19.44	-19.66	-19.56
WCC-10S	51.12	NA	-18.42	-18.94	-19.33	-19.10
WCC-11S	49.97	NA	NA	-17.62	-18.81	-18.69
WCC-12S	46.92	NA	NA	-19.60	-19.90	-19.74
DAC-P1	52.44	NA	NA	-17.76	-17.88	-18.02
WCC-1D	50.45	NA	-19.51	-19.55	-19.92	-19.61
WCC-3D	51.18	NA	-19.38	-19.39	-19.71	-20.52
MW-8[6]	49.09	NA	NA	NA	NA	NA[5]
MW-9[6]	48.67	NA	NA	NA	NA	NA
MW-18[6]	50.29	NA	NA	NA	NA	NA
MW-19[6]	46.55	NA	NA	NA	NA	NA

Notes:

1. Reference point is north side, top of well casing
2. Reference point elevation measured by Hargis + Associates, Inc.
3. Data taken from Woodward-Clyde Consultants Phase II Report, May 1988.
4. Data taken from Woodward-Clyde Consultants Phase III Report, March 1990.
5. N/A - Not Available - No access to offsite wells.
6. Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation



N

0 1,000 2,000 FEET

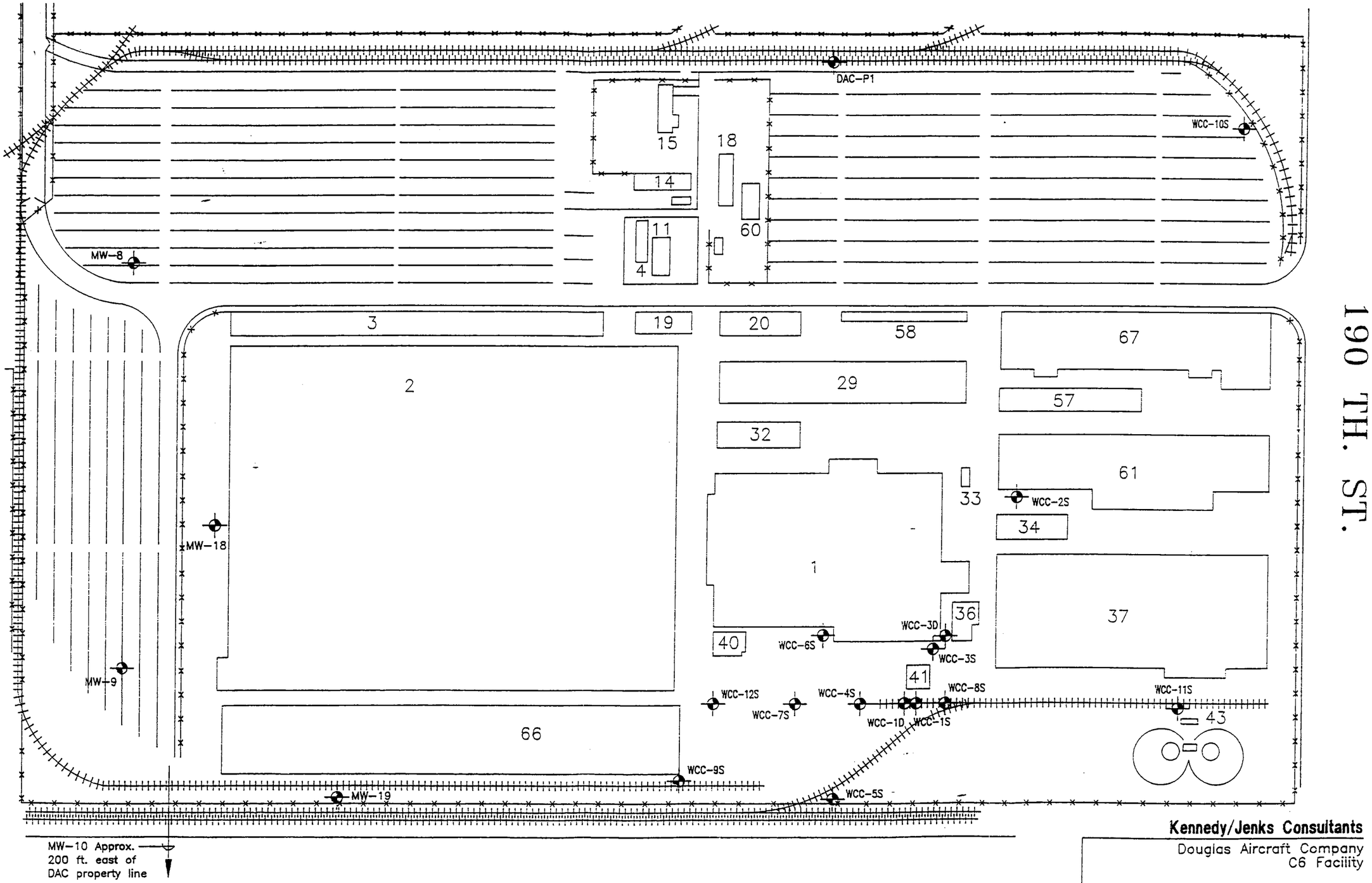
Base Map: U.S.G.S. 7.5 Minute Topographic Map, Torrance, California Quadrangle, 1981.

Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Site Vicinity Map

July 1994
K/J 944016.00
Figure 1



NOTE: 1) Wells MW-8,-9,-10,-18, and -19 Installed by Montrose Chemical Corporation

Kennedy/Jenks Consultants

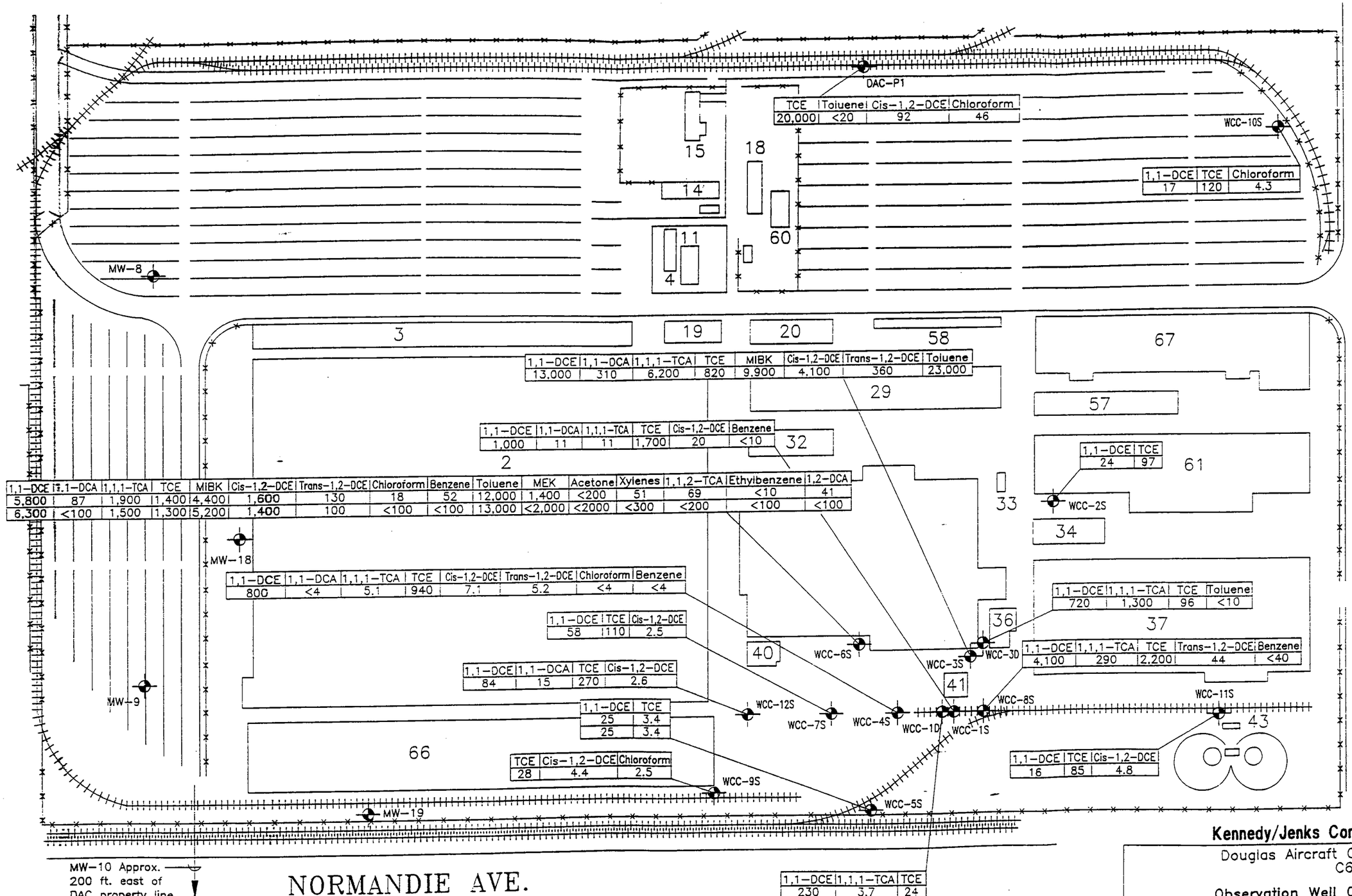
Douglas Aircraft Company
C6 Facility

Groundwater Observation Well Locations

July 1994
K/J 944016.00

Figure 2

BOE-C6-0065329



190 TH. ST.

LEGEND

WCC-1S Observation Well Location, Designation

NOTES:

1. Samples Analyzed by EPA Method 8240/8260
2. All Results Reported in ug/l (ppb)
3. Wells MW-8,-9,-10,-18 and -19 Installed by Montrose Chemical Corporation and
4. Duplicate samples were analyzed for well WCC-5S and WCC 6S.
5. <2=compound not detected at a quantitation limit of 2 ug/l. Nondetects posted only for VOCs detected in the well in the previous sample round.

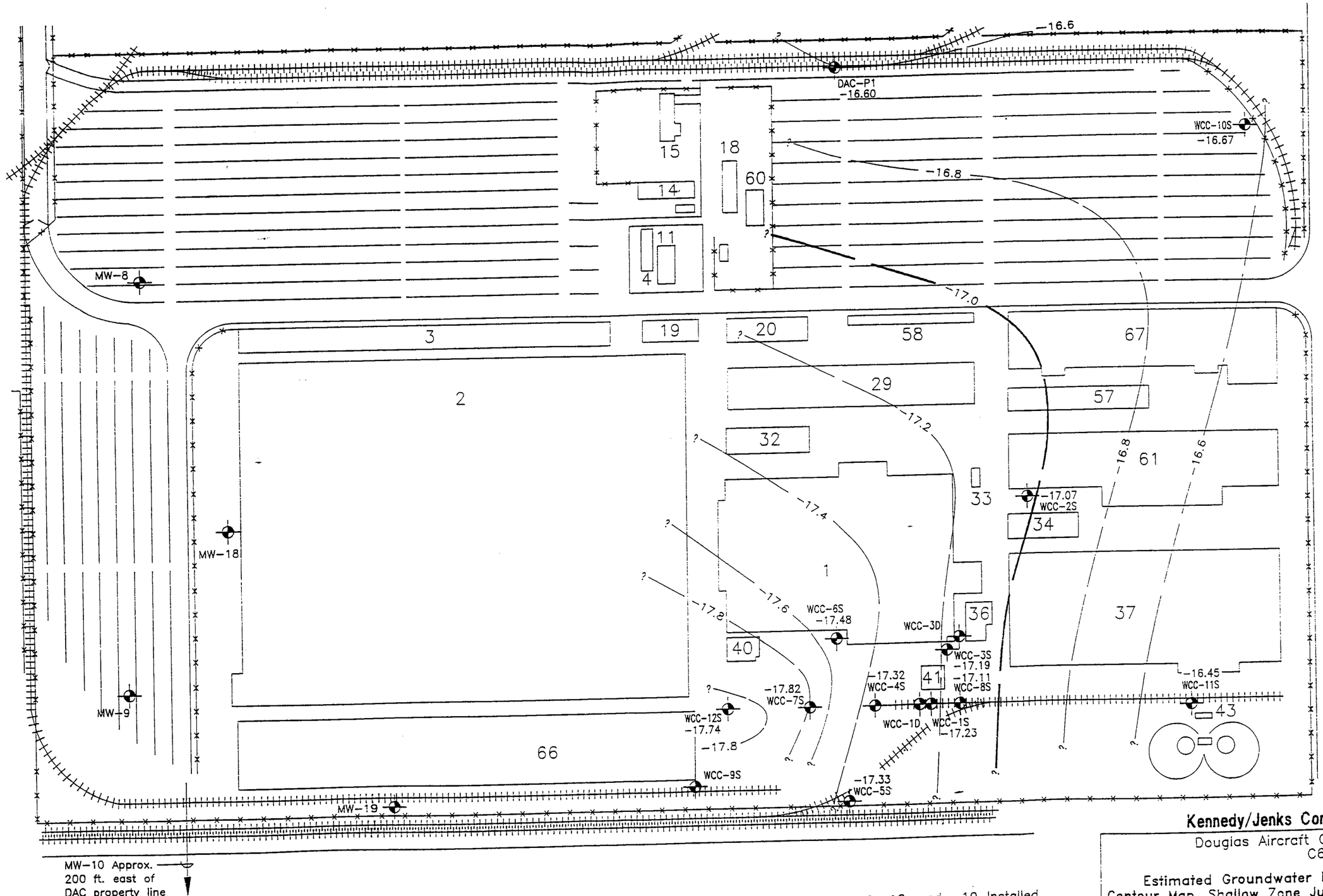
Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Observation Well Chemical Concentrations June 1994 Sampling Event

July 1994
K/J 944016.00
Figure 3

BOE-C6-0065330



LEGEND

WCC-1S Observation Well Location, Designation

NOTE: 1) Wells MW-8,-9,-10,-18, and -19 Installed by Montrose Chemical Corporation

2) Contour Interval = 0.2 feet

Kennedy/Jenks Consultant

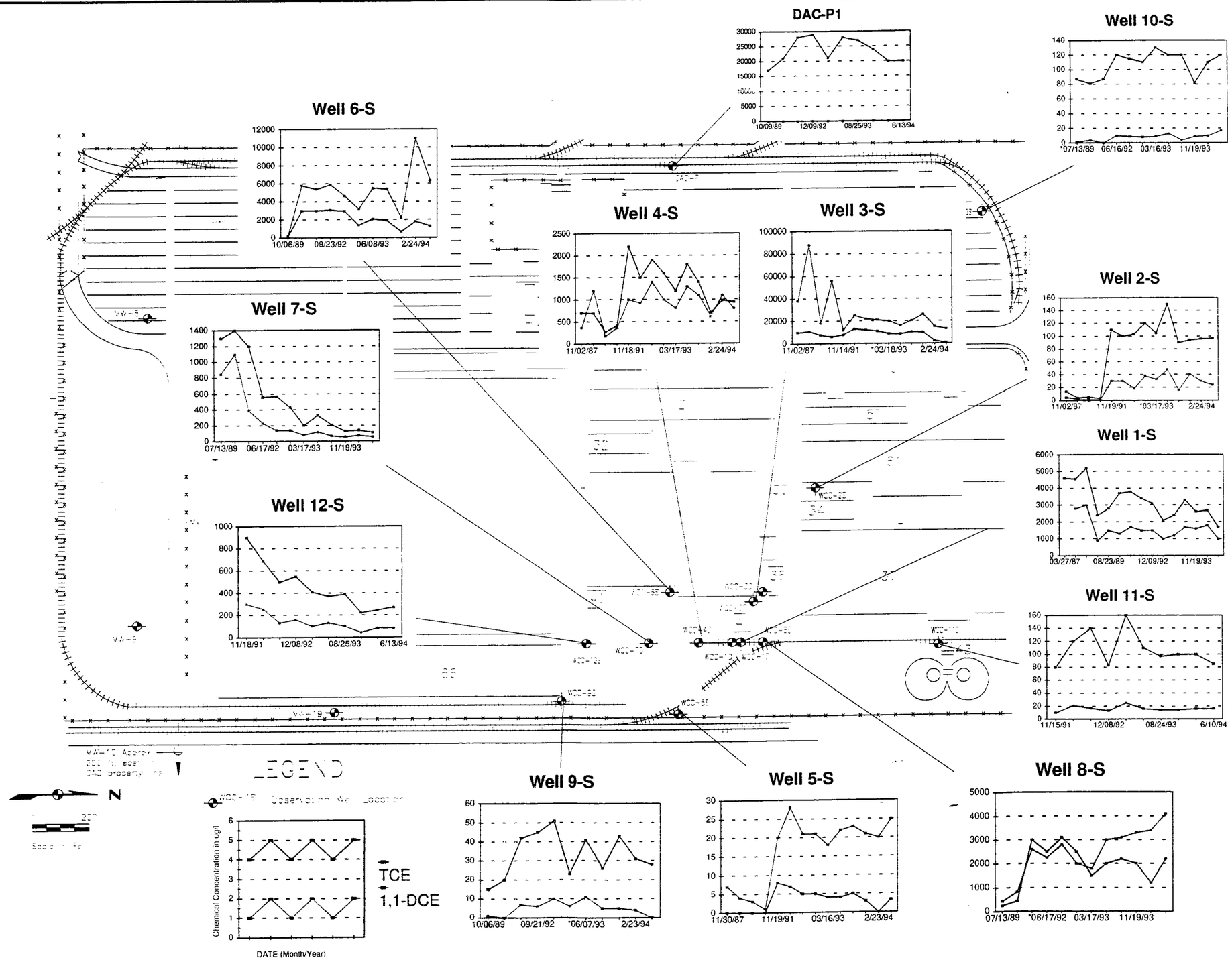
Douglas Aircraft Compan
C6 Facilit

Estimated Groundwater Elevatio
Contour Map, Shallow Zone June 199

July 199
K/J 944016.0

Figure

BOE-C6-0065331



Douglas Aircraft Company
C-6 Facility
Torrance, California

Kennedy/Jenks Consultants
Submitted:

Irvine, California
Approved:

CHEMICAL CONCENTRATION PROFILES
November 1991 to June 1994

Scale: AS NOTED
Job No. 944016.00
CADD File No.
Designed:
Drawn: R.A.P.
Checked:
Date:
Figure: 5

Rev'd By | Date | Description

BOE-C6-0065332

APPENDIX A

LABORATORY DATA SHEETS

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC1S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	200
Benzene	71-43-2	ND	10
Bromobenzene	108-86-1	ND	10
Bromochloromethane	74-97-5	ND	20
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	20
2-Butanone	78-93-3	ND	200
n-Butylbenzene	104-51-8	ND	10
sec-Butylbenzene	135-98-8	ND	10
tert-Butylbenzene	98-06-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Carbon disulfide	75-15-0	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	20
Chloroform	67-66-3	ND	10
Chloromethane	74-87-3	ND	20
2-Chlorotoluene	95-49-8	ND	10
4-Chlorotoluene	106-43-4	ND	10
Dibromochloromethane	124-48-01	ND	10
1,2-Dibromo-3-chloropropane	96-12-8	ND	20
Dibromomethane	74-95-3	ND	10
1,2-Dibromoethane	106-93-4	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	11	10
1,2-Dichloroethane	107-06-2	ND	10
1,1-Dichloroethene	75-35-4	1,000	20
cis-1,2-Dichloroethene	156-59-2	20	10
trans-1,2-Dichloroethene	156-60-5	16	10

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC1S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	10
1,3-Dichloropropane	142-28-9	ND	10
2,2-Dichloropropane	594-20-7	ND	10
1,1-Dichloropropene	563-58-6	ND	10
cis-1,3-Dichloropropene	10061-01-5	ND	10
trans-1,3-Dichloropropene	10061-02-6	ND	10
Ethylbenzene	100-41-4	ND	10
Hexachlorobutadiene	87-68-3	ND	20
2-Hexanone	591-78-6	ND	100
Isopropylbenzene	98-82-8	ND	10
p-Isopropyltoluene	99-87-6	ND	10
Methylene chloride	75-09-2	ND	50
4-Methyl-2-pentanone	108-10-1	ND	100
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	ND	10
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	11	10
1,1,2-Trichloroethane	79-00-5	ND	20
Trichloroethene	79-01-6	1,700	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	ND	10
p,m-Xylene	108-38-3, 106-42-3	ND	20

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065335

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC2S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	24	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065336

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC2S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	97	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065337

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid

Sample ID: WCC3S-9

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	4,000
Benzene	71-43-2	ND	200
Bromobenzene	108-86-1	ND	200
Bromochloromethane	74-97-5	ND	400
Bromodichloromethane	75-27-4	ND	200
Bromoform	75-25-2	ND	200
Bromomethane	74-83-9	ND	400
2-Butanone	78-93-3	ND	4,000
n-Butylbenzene	104-51-8	ND	200
sec-Butylbenzene	135-98-8	ND	200
tert-Butylbenzene	98-06-6	ND	200
Carbon tetrachloride	56-23-5	ND	200
Carbon disulfide	75-15-0	ND	200
Chlorobenzene	108-90-7	ND	200
Chloroethane	75-00-3	ND	400
Chloroform	67-66-3	ND	200
Chloromethane	74-87-3	ND	400
2-Chlorotoluene	95-49-8	ND	200
4-Chlorotoluene	106-43-4	ND	200
Dibromochloromethane	124-48-01	ND	200
1,2-Dibromo-3-chloropropane	96-12-8	ND	400
Dibromomethane	74-95-3	ND	200
1,2-Dibromoethane	106-93-4	ND	200
1,2-Dichlorobenzene	95-50-1	ND	200
1,3-Dichlorobenzene	541-73-1	ND	200
1,4-Dichlorobenzene	106-46-7	ND	200
Dichlorodifluoromethane	75-71-8	ND	200
1,1-Dichloroethane	75-34-3	310	200
1,2-Dichloroethane	107-06-2	ND	200
1,1-Dichloroethene	75-35-4	13,000	400
cis-1,2-Dichloroethene	156-59-2	4,100	200
trans-1,2-Dichloroethene	156-60-5	360	200

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065338

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC3S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	200
1,3-Dichloropropane	142-28-9	ND	200
2,2-Dichloropropane	594-20-7	ND	200
1,1-Dichloropropene	563-58-6	ND	200
cis-1,3-Dichloropropene	10061-01-5	ND	200
trans-1,3-Dichloropropene	10061-02-6	ND	200
Ethylbenzene	100-41-4	ND	200
Hexachlorobutadiene	87-68-3	ND	400
2-Hexanone	591-78-6	ND	2,000
Isopropylbenzene	98-82-8	ND	200
p-Isopropyltoluene	99-87-6	ND	200
Methylene chloride	75-09-2	ND	1,000
4-Methyl-2-pentanone	108-10-1	9,900	2,000
Naphthalene	91-20-3	ND	200
n-Propylbenzene	103-65-1	ND	200
Styrene	100-42-5	ND	200
1,1,1,2-Tetrachloroethane	630-20-6	ND	200
1,1,2,2-Tetrachloroethane	79-34-5	ND	200
Tetrachloroethene	127-18-4	ND	200
Toluene	108-88-3	23,000	200
1,2,3-Trichlorobenzene	87-61-6	ND	200
1,2,4-Trichlorobenzene	120-82-1	ND	200
1,1,1-Trichloroethane	71-55-6	6,200	200
1,1,2-Trichloroethane	79-00-5	ND	400
Trichloroethene	79-01-6	820	200
Trichlorofluoromethane	75-69-4	ND	200
1,2,3-Trichloropropane	96-18-4	ND	200
1,2,4-Trimethylbenzene	95-63-6	ND	200
1,3,5-Trimethylbenzene	108-67-8	ND	200
Vinyl chloride	75-01-4	ND	400
o-Xylene	95-47-6	ND	200
p,m-Xylene	108-38-3, 106-42-3	ND	400

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065339

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC4S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	80
Benzene	71-43-2	ND	4.0
Bromobenzene	108-86-1	ND	4.0
Bromochloromethane	74-97-5	ND	8.0
Bromodichloromethane	75-27-4	ND	4.0
Bromoform	75-25-2	ND	4.0
Bromomethane	74-83-9	ND	8.0
2-Butanone	78-93-3	ND	80
n-Butylbenzene	104-51-8	ND	4.0
sec-Butylbenzene	135-98-8	ND	4.0
tert-Butylbenzene	98-06-6	ND	4.0
Carbon tetrachloride	56-23-5	ND	4.0
Carbon disulfide	75-15-0	ND	4.0
Chlorobenzene	108-90-7	ND	4.0
Chloroethane	75-00-3	ND	8.0
Chloroform	67-66-3	ND	4.0
Chloromethane	74-87-3	ND	8.0
2-Chlorotoluene	95-49-8	ND	4.0
4-Chlorotoluene	106-43-4	ND	4.0
Dibromochloromethane	124-48-01	ND	4.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	8.0
Dibromomethane	74-95-3	ND	4.0
1,2-Dibromoethane	106-93-4	ND	4.0
1,2-Dichlorobenzene	95-50-1	ND	4.0
1,3-Dichlorobenzene	541-73-1	ND	4.0
1,4-Dichlorobenzene	106-46-7	ND	4.0
Dichlorodifluoromethane	75-71-8	ND	4.0
1,1-Dichloroethane	75-34-3	ND	4.0
1,2-Dichloroethane	107-06-2	ND	4.0
1,1-Dichloroethene	75-35-4	800	8.0
cis-1,2-Dichloroethene	156-59-2	7.1	4.0
trans-1,2-Dichloroethene	156-60-5	5.2	4.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065340

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC4S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	4.0
1,3-Dichloropropane	142-28-9	ND	4.0
2,2-Dichloropropane	594-20-7	ND	4.0
1,1-Dichloropropene	563-58-6	ND	4.0
cis-1,3-Dichloropropene	10061-01-5	ND	4.0
trans-1,3-Dichloropropene	10061-02-6	ND	4.0
Ethylbenzene	100-41-4	ND	4.0
Hexachlorobutadiene	87-68-3	ND	8.0
2-Hexanone	591-78-6	ND	40
Isopropylbenzene	98-82-8	ND	4.0
p-Isopropyltoluene	99-87-6	ND	4.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	40
Naphthalene	91-20-3	ND	4.0
n-Propylbenzene	103-65-1	ND	4.0
Styrene	100-42-5	ND	4.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	4.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	4.0
Tetrachloroethene	127-18-4	ND	4.0
Toluene	108-88-3	ND	4.0
1,2,3-Trichlorobenzene	87-61-6	ND	4.0
1,2,4-Trichlorobenzene	120-82-1	ND	4.0
1,1,1-Trichloroethane	71-55-6	5.1	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	940	10
Trichlorofluoromethane	75-69-4	ND	4.0
1,2,3-Trichloropropane	96-18-4	ND	4.0
1,2,4-Trimethylbenzene	95-63-6	ND	4.0
1,3,5-Trimethylbenzene	108-67-8	ND	4.0
Vinyl chloride	75-01-4	ND	8.0
o-Xylene	95-47-6	ND	4.0
p,m-Xylene	108-38-3, 106-42-3	ND	8.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC5S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	25	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065342

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC5S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	3.4	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid

Sample ID: DW061094

Duplicate Sample - WCC-55

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	25	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid

Sample ID: DW061094 Duplicate Sample WCC-55

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	3.4	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC6S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	200
Benzene	71-43-2	52	10
Bromobenzene	108-86-1	ND	10
Bromochloromethane	74-97-5	ND	20
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	20
2-Butanone	78-93-3	1,400	200
n-Butylbenzene	104-51-8	ND	10
sec-Butylbenzene	135-98-8	ND	10
tert-Butylbenzene	98-06-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Carbon disulfide	75-15-0	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	20
Chloroform	67-66-3	18	10
Chloromethane	74-87-3	ND	20
2-Chlorotoluene	95-49-8	ND	10
4-Chlorotoluene	106-43-4	ND	10
Dibromochloromethane	124-48-01	ND	10
1,2-Dibromo-3-chloropropane	96-12-8	ND	20
Dibromomethane	74-95-3	ND	10
1,2-Dibromoethane	106-93-4	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	87	10
1,2-Dichloroethane	107-06-2	41	10
1,1-Dichloroethene	75-35-4	5,800	200
cis-1,2-Dichloroethene	156-59-2	1,600	10
trans-1,2-Dichloroethene	156-60-5	130	10

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC6S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	10
1,3-Dichloropropane	142-28-9	ND	10
2,2-Dichloropropane	594-20-7	ND	10
1,1-Dichloropropene	563-58-6	ND	10
cis-1,3-Dichloropropene	10061-01-5	ND	10
trans-1,3-Dichloropropene	10061-02-6	ND	10
Ethylbenzene	100-41-4	ND	10
Hexachlorobutadiene	87-68-3	ND	20
2-Hexanone	591-78-6	ND	100
Isopropylbenzene	98-82-8	ND	10
p-Isopropyltoluene	99-87-6	ND	10
Methylene chloride	75-09-2	ND	50
4-Methyl-2-pentanone	108-10-1	4,400	1,000
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	12,000	100
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	1,900	10
1,1,2-Trichloroethane	79-00-5	69	20
Trichloroethene	79-01-6	1,400	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	13	10
p,m-Xylene	108-38-3, 106-42-3	38	20

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid

Sample ID: DW061394

Duplicate Sample WCC-6S

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	2,000
Benzene	71-43-2	ND	100
Bromobenzene	108-86-1	ND	100
Bromochloromethane	74-97-5	ND	200
Bromodichloromethane	75-27-4	ND	100
Bromoform	75-25-2	ND	100
Bromomethane	74-83-9	ND	200
2-Butanone	78-93-3	ND	2,000
n-Butylbenzene	104-51-8	ND	100
sec-Butylbenzene	135-98-8	ND	100
tert-Butylbenzene	98-06-6	ND	100
Carbon tetrachloride	56-23-5	ND	100
Carbon disulfide	75-15-0	ND	100
Chlorobenzene	108-90-7	ND	100
Chloroethane	75-00-3	ND	200
Chloroform	67-66-3	ND	100
Chloromethane	74-87-3	ND	200
2-Chlorotoluene	95-49-8	ND	100
4-Chlorotoluene	106-43-4	ND	100
Dibromochloromethane	124-48-01	ND	100
1,2-Dibromo-3-chloropropane	96-12-8	ND	200
Dibromomethane	74-95-3	ND	100
1,2-Dibromoethane	106-93-4	ND	100
1,2-Dichlorobenzene	95-50-1	ND	100
1,3-Dichlorobenzene	541-73-1	ND	100
1,4-Dichlorobenzene	106-46-7	ND	100
Dichlorodifluoromethane	75-71-8	ND	100
1,1-Dichloroethane	75-34-3	ND	100
1,2-Dichloroethane	107-06-2	ND	100
1,1-Dichloroethene	75-35-4	6,300	200
cis-1,2-Dichloroethene	156-59-2	1,400	100
trans-1,2-Dichloroethene	156-60-5	100	100

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065348

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid

Sample ID: DW061394

Duplicate Sample WCC-65

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	100
1,3-Dichloropropane	142-28-9	ND	100
2,2-Dichloropropane	594-20-7	ND	100
1,1-Dichloropropene	563-58-6	ND	100
cis-1,3-Dichloropropene	10061-01-5	ND	100
trans-1,3-Dichloropropene	10061-02-6	ND	100
Ethylbenzene	100-41-4	ND	100
Hexachlorobutadiene	87-68-3	ND	200
2-Hexanone	591-78-6	ND	1,000
Isopropylbenzene	98-82-8	ND	100
p-Isopropyltoluene	99-87-6	ND	100
Methylene chloride	75-09-2	ND	500
4-Methyl-2-pentanone	108-10-1	5,200	1,000
Naphthalene	91-20-3	ND	100
n-Propylbenzene	103-65-1	ND	100
Styrene	100-42-5	ND	100
1,1,1,2-Tetrachloroethane	630-20-6	ND	100
1,1,2,2-Tetrachloroethane	79-34-5	ND	100
Tetrachloroethene	127-18-4	ND	100
Toluene	108-88-3	13,000	100
1,2,3-Trichlorobenzene	87-61-6	ND	100
1,2,4-Trichlorobenzene	120-82-1	ND	100
1,1,1-Trichloroethane	71-55-6	1,500	100
1,1,2-Trichloroethane	79-00-5	ND	200
Trichloroethene	79-01-6	1,300	100
Trichlorofluoromethane	75-69-4	ND	100
1,2,3-Trichloropropane	96-18-4	ND	100
1,2,4-Trimethylbenzene	95-63-6	ND	100
1,3,5-Trimethylbenzene	108-67-8	ND	100
Vinyl chloride	75-01-4	ND	200
o-Xylene	95-47-6	ND	100
p,m-Xylene	108-38-3, 106-42-3	ND	200

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC7S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	58	4.0
cis-1,2-Dichloroethene	156-59-2	2.5	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065350

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC7S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	110	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065351

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid

Sample ID: WCC8S-9

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	800
Benzene	71-43-2	ND	40
Bromobenzene	108-86-1	ND	40
Bromochloromethane	74-97-5	ND	80
Bromodichloromethane	75-27-4	ND	40
Bromoform	75-25-2	ND	40
Bromomethane	74-83-9	ND	80
2-Butanone	78-93-3	ND	800
n-Butylbenzene	104-51-8	ND	40
sec-Butylbenzene	135-98-8	ND	40
tert-Butylbenzene	98-06-6	ND	40
Carbon tetrachloride	56-23-5	ND	40
Carbon disulfide	75-15-0	ND	40
Chlorobenzene	108-90-7	ND	40
Chloroethane	75-00-3	ND	80
Chloroform	67-66-3	ND	40
Chloromethane	74-87-3	ND	80
2-Chlorotoluene	95-49-8	ND	40
4-Chlorotoluene	106-43-4	ND	40
Dibromochloromethane	124-48-01	ND	40
1,2-Dibromo-3-chloropropane	96-12-8	ND	80
Dibromomethane	74-95-3	ND	40
1,2-Dibromoethane	106-93-4	ND	40
1,2-Dichlorobenzene	95-50-1	ND	40
1,3-Dichlorobenzene	541-73-1	ND	40
1,4-Dichlorobenzene	106-46-7	ND	40
Dichlorodifluoromethane	75-71-8	ND	40
1,1-Dichloroethane	75-34-3	ND	40
1,2-Dichloroethane	107-06-2	ND	40
1,1-Dichloroethene	75-35-4	4,100	80
cis-1,2-Dichloroethene	156-59-2	ND	40
trans-1,2-Dichloroethene	156-60-5	44	40

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC8S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	40
1,3-Dichloropropane	142-28-9	ND	40
2,2-Dichloropropane	594-20-7	ND	40
1,1-Dichloropropene	563-58-6	ND	40
cis-1,3-Dichloropropene	10061-01-5	ND	40
trans-1,3-Dichloropropene	10061-02-6	ND	40
Ethylbenzene	100-41-4	ND	40
Hexachlorobutadiene	87-68-3	ND	80
2-Hexanone	591-78-6	ND	400
Isopropylbenzene	98-82-8	ND	40
p-Isopropyltoluene	99-87-6	ND	40
Methylene chloride	75-09-2	ND	200
4-Methyl-2-pentanone	108-10-1	ND	400
Naphthalene	91-20-3	ND	40
n-Propylbenzene	103-65-1	ND	40
Styrene	100-42-5	ND	40
1,1,1,2-Tetrachloroethane	630-20-6	ND	40
1,1,2,2-Tetrachloroethane	79-34-5	ND	40
Tetrachloroethene	127-18-4	ND	40
Toluene	108-88-3	ND	40
1,2,3-Trichlorobenzene	87-61-6	ND	40
1,2,4-Trichlorobenzene	120-82-1	ND	40
1,1,1-Trichloroethane	71-55-6	290	40
1,1,2-Trichloroethane	79-00-5	ND	80
Trichloroethene	79-01-6	2,200	40
Trichlorofluoromethane	75-69-4	ND	40
1,2,3-Trichloropropane	96-18-4	ND	40
1,2,4-Trimethylbenzene	95-63-6	ND	40
1,3,5-Trimethylbenzene	108-67-8	ND	40
Vinyl chloride	75-01-4	ND	80
o-Xylene	95-47-6	ND	40
p,m-Xylene	108-38-3, 106-42-3	ND	80

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC9S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	2.5	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	4.4	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065354

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC9S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	28	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid

Sample ID: WCC10S-9

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	4.3	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	17	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065356

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC10S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	120	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid

Sample ID: WCC11S-9

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	16	4.0
cis-1,2-Dichloroethene	156-59-2	4.8	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065358

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC11S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	85	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065359

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC12S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	2.2	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	15	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	84	4.0
cis-1,2-Dichloroethene	156-59-2	2.6	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC12S-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	270	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065361

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	DACP1-9		

Volatile Organic Compounds. EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	400
Benzene	71-43-2	ND	20
Bromobenzene	108-86-1	ND	20
Bromochloromethane	74-97-5	ND	40
Bromodichloromethane	75-27-4	ND	20
Bromoform	75-25-2	ND	20
Bromomethane	74-83-9	ND	40
2-Butanone	78-93-3	ND	400
n-Butylbenzene	104-51-8	ND	20
sec-Butylbenzene	135-98-8	ND	20
tert-Butylbenzene	98-06-6	ND	20
Carbon tetrachloride	56-23-5	ND	20
Carbon disulfide	75-15-0	ND	20
Chlorobenzene	108-90-7	ND	20
Chloroethane	75-00-3	ND	40
Chloroform	67-66-3	46	20
Chloromethane	74-87-3	ND	40
2-Chlorotoluene	95-49-8	ND	20
4-Chlorotoluene	106-43-4	ND	20
Dibromochloromethane	124-48-01	ND	20
1,2-Dibromo-3-chloropropane	96-12-8	ND	40
Dibromomethane	74-95-3	ND	20
1,2-Dibromoethane	106-93-4	ND	20
1,2-Dichlorobenzene	95-50-1	ND	20
1,3-Dichlorobenzene	541-73-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	20
1,1-Dichloroethane	75-34-3	ND	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	ND	40
cis-1,2-Dichloroethene	156-59-2	92	20
trans-1,2-Dichloroethene	156-60-5	ND	20

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065362

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	DACP1-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	20
1,3-Dichloropropane	142-28-9	ND	20
2,2-Dichloropropane	594-20-7	ND	20
1,1-Dichloropropene	563-58-6	ND	20
cis-1,3-Dichloropropene	10061-01-5	ND	20
trans-1,3-Dichloropropene	10061-02-6	ND	20
Ethylbenzene	100-41-4	ND	20
Hexachlorobutadiene	87-68-3	ND	40
2-Hexanone	591-78-6	ND	200
Isopropylbenzene	98-82-8	ND	20
p-Isopropyltoluene	99-87-6	ND	20
Methylene chloride	75-09-2	ND	100
4-Methyl-2-pentanone	108-10-1	ND	200
Naphthalene	91-20-3	ND	20
n-Propylbenzene	103-65-1	ND	20
Styrene	100-42-5	ND	20
1,1,1,2-Tetrachloroethane	630-20-6	ND	20
1,1,2,2-Tetrachloroethane	79-34-5	ND	20
Tetrachloroethene	127-18-4	ND	20
Toluene	108-88-3	ND	20
1,2,3-Trichlorobenzene	87-61-6	ND	20
1,2,4-Trichlorobenzene	120-82-1	ND	20
1,1,1-Trichloroethane	71-55-6	ND	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	20,000	200
Trichlorofluoromethane	75-69-4	ND	20
1,2,3-Trichloropropane	96-18-4	ND	20
1,2,4-Trimethylbenzene	95-63-6	ND	20
1,3,5-Trimethylbenzene	108-67-8	ND	20
Vinyl chloride	75-01-4	ND	40
o-Xylene	95-47-6	ND	20
p,m-Xylene	108-38-3, 106-42-3	ND	40

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065363

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid

Sample ID: WCC1D-9

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	230	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065364

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	WCC1D-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	3.7	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	24	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065365

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC3D-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	200
Benzene	71-43-2	ND	10
Bromobenzene	108-86-1	ND	10
Bromochloromethane	74-97-5	ND	20
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	20
2-Butanone	78-93-3	ND	200
n-Butylbenzene	104-51-8	ND	10
sec-Butylbenzene	135-98-8	ND	10
tert-Butylbenzene	98-06-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Carbon disulfide	75-15-0	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	20
Chloroform	67-66-3	ND	10
Chloromethane	74-87-3	ND	20
2-Chlorotoluene	95-49-8	ND	10
4-Chlorotoluene	106-43-4	ND	10
Dibromochloromethane	124-48-01	ND	10
1,2-Dibromo-3-chloropropane	96-12-8	ND	20
Dibromomethane	74-95-3	ND	10
1,2-Dibromoethane	106-93-4	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	ND	10
1,2-Dichloroethane	107-06-2	ND	10
1,1-Dichloroethene	75-35-4	720	20
cis-1,2-Dichloroethene	156-59-2	ND	10
trans-1,2-Dichloroethene	156-60-5	ND	10

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065366

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/15/94
		Physical State:	Liquid
Sample ID:	WCC3D-9		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	10
1,3-Dichloropropane	142-28-9	ND	10
2,2-Dichloropropane	594-20-7	ND	10
1,1-Dichloropropene	563-58-6	ND	10
cis-1,3-Dichloropropene	10061-01-5	ND	10
trans-1,3-Dichloropropene	10061-02-6	ND	10
Ethylbenzene	100-41-4	ND	10
Hexachlorobutadiene	87-68-3	ND	20
2-Hexanone	591-78-6	ND	100
Isopropylbenzene	98-82-8	ND	10
p-Isopropyltoluene	99-87-6	ND	10
Methylene chloride	75-09-2	ND	50
4-Methyl-2-pentanone	108-10-1	ND	100
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	ND	10
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	1,300	10
1,1,2-Trichloroethane	79-00-5	ND	20
Trichloroethene	79-01-6	96	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	ND	10
p,m-Xylene	108-38-3, 106-42-3	ND	20

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065367

APPENDIX B

LABORATORY/FIELD QUALITY CONTROL DATA SHEETS

TERRA TECH LABS

[illegible] Santa Ana, California 92705
[illegible]

[illegible] Phoenix, Arizona 85034
[illegible]

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Contact:	Sarah Bartling		
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Received:	6/13/94
		Date Analyzed:	6/14/94-6/15/94
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	MS Percent Recovery	MSD Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
1,1, Dichloroethene (EPA 8240/8260)	M	123	122	50-127	1	0-22
Benzene (EPA 8240/8260)	M	112	111	64-137	1	0-15
Trichloroethene (EPA 8240/8260)	M	107	103	80-121	3	0-15
Toluene (EPA 8240/8260)	M	106	106	82-118	1	0-12
Chlorobenzene (EPA 8240/8260)	M	106	106	85-119	0	0-12

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

The samples were received by Terra Tech Labs in a chilled state, intact and accompanied by the Chain-of-Custody Record.

Acceptance of samples by Terra Tech Labs is not an indication of condition upon receipt.

Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.

The Laboratory Report is the property of the client to whom it is addressed.

The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065369

1920 E. Deere Ave., Suite 130 Santa Ana, California 92705
Tel 714 757 7022 Fax 714 757 7274

[illegible] E. University Drive, Suite 4 Phoenix, Arizona 85034
Tel [illegible] Fax 602 437 9362

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Contact:	Sarah Bartling		
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Received:	6/11/94
		Date Analyzed:	6/14/94
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	MS Percent Recovery	MSD Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
1,1, Dichloroethene (EPA 8240/8260)	M	123	122	50-127	1	0-22
Benzene (EPA 8240/8260)	M	112	111	64-137	1	0-15
Trichloroethene (EPA 8240/8260)	M	107	103	80-121	3	0-15
Toluene (EPA 8240/8260)	M	106	106	82-118	1	0-12
Chlorobenzene (EPA 8240/8260)	M	106	106	85-119	0	0-12

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Don Bailey
Reviewed

Patricia Mata
Approved

The samples were received by Terra Tech Labs in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Terra Tech Labs is not an indication of condition upon receipt.
Laboratory Results apply only to the sample matrix analyzed and may not apply to an apparently identical or similar sample.
The Laboratory Report is the property of the client to whom it is addressed.
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	TB061094		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065371

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	TB061094		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND: Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065372

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	FB061094		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065373

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L396
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/10/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	FB061094		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	20
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	FB061394		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	FB061394		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065376

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220 Irvine, CA 92714	Lab P.N.:	L404
		Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	TB061394		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065377

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/16/94
Client Address:	17310 Red Hill Ave., Suite 220	Lab P.N.:	L404
	Irvine, CA 92714	Client P.N.:	924010.02
Project Name:	DAC	Date Sampled:	6/13/94
Project Address:	N/A	Date Analyzed:	6/14/94
		Physical State:	Liquid
Sample ID:	TB061394		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation limit µg/l
1,2-Dichloropropane	78-87-5	ND	2.0
1,3-Dichloropropane	142-28-9	ND	2.0
2,2-Dichloropropane	594-20-7	ND	2.0
1,1-Dichloropropene	563-58-6	ND	2.0
cis-1,3-Dichloropropene	10061-01-5	ND	2.0
trans-1,3-Dichloropropene	10061-02-6	ND	2.0
Ethylbenzene	100-41-4	ND	2.0
Hexachlorobutadiene	87-68-3	ND	4.0
2-Hexanone	591-78-6	ND	20
Isopropylbenzene	98-82-8	ND	2.0
p-Isopropyltoluene	99-87-6	ND	2.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	108-38-3, 106-42-3	ND	4.0

ND; Not Detectable
The Laboratory Results are only a portion of the Laboratory Report.

BOE-C6-0065378

APPENDIX C

GROUNDWATER PURGE AND SAMPLE FORMS

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-3D

PROJECT NUMBER: 924010.02

PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 68.57

MEASURING POINT DESCRIPTION: Top of well cas ng

WATER LEVEL MEASUREMENT METHOD: ELECTRONIC PROBE

PURGE METHOD: Peri Flow

TIME START PURGE: 1022

PURGE DEPTH (FT) 120 ft.

TIME END PURGE: 1059

TIME SAMPLED: 1110

COMMENTS: No lock

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	45 CASING VOLUME (GAL)
	140		68.57		71.43		0.16	0.64	1.44		137

TIME	1023	1034	1051	1053	1055	1057	1059
VOLUME PURGED (GAL)	10	50	100	110	120	130	140
PURGE RATE (GPM)	5	5	5	5	5	5	5
TEMPERATURE (°C)	71.4	72.2	73.1	73.3	73.4	73.2	73.3
pH	8.04	7.87	~~8.0~~ 7.95	7.84	7.77	7.82	7.81
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	645	641	648	648	646	647	647
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR
ODOR	NO	NO	NO	NO	NO	NO	NO
DEPTH OF PURGE INTAKE (FT)	120	120	120	120	120	120	120
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/10/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-1D

PROJECT NUMBER: 924010.02 PERSONNEL: SCS, RAP

STATIC WATER LEVEL (FT): 67.92 MEASURING POINT DESCRIPTION: Top of casing (N)

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Red. - Flow

TIME START PURGE: 1149 PURGE DEPTH (FT) ~~130'~~ 95'

TIME END PURGE: 1226

TIME SAMPLED:

COMMENTS: WELL CAP IS BROKEN

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	133 CASING VOLUME (GAL)
	135.50		67.92		67.		0.16	0.64	1.44		45

TIME	1151	1200 ~~1156~~	1215 ~~1201~~	1220	1222	1223	1224	122[illegible]
VOLUME PURGED (GAL)	10	50	100	120	130	135	140	4[illegible]
PURGE RATE (GPM)	5gpm	5gpm	5gpm	5gpm	5gpm	5gpm	5gpm	
TEMPERATURE (°C)	85.9	84.5	82.8	82.3	81.5	81.0	80.7	81[illegible]
pH	7.76	7.88	7.83	7.82	7.74	7.74	7.74	7.7[illegible]
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	721.	724.	676.	665.	656.	650.	647.	64[illegible]
DISSOLVED OXYGEN (mg/L)								
eH(MV)Pt-AgCl ref.								
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	NO	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	95'	95'	95'	95'	95'	95	95'	
DEPTH TO WATER DURING PURGE (FT)								
NUMBER OF CASING VOLUMES REMOVED								
DEWATERED?								

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: DAC - P1

PROJECT NUMBER: 92401002 PERSONNEL: SCS / RAP

STATIC WATER LEVEL (FT): 69.04 MEASURING POINT DESCRIPTION: TOP of CASING

WATER LEVEL MEASUREMENT METHOD: ELECTRONIC PROBE PURGE METHOD: REDI FLOW

TIME START PURGE: 1425 PURGE DEPTH (FT) 75'

TIME END PURGE: 1442

TIME SAMPLED: 1450

COMMENTS: WELL BECAME DRAWN DOWN; FLOW RATE DECREASED

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	13.4 CASING VOLUME (GAL)
	90		69.04		20.96		0.16	0.64	1.44		40.2

TIME	1427	1429	1432	1434	1436	1437	1438
VOLUME PURGED (GAL)	10	20	30	35	40	45	50
PURGE RATE (GPM)	5	5	5	~~5~~ 4	4	4	4
TEMPERATURE (°C)	78.2	78.7	80.0	80.2	80.5	80.6	80.5
pH	7.50	7.58	7.60	7.60	7.50	7.52	7.53
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1884	1761	1744	1738	1717	1713	1706
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR
ODOR	NO	NO	NO	NO	NO	NO	NO
DEPTH OF PURGE INTAKE (FT)	90	90	90	90	90	90	90
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-12 S

PROJECT NUMBER: 924010.07

PERSONNEL: SCS / RAP

STATIC WATER LEVEL (FT): 64.66

MEASURING POINT DESCRIPTION: Top of casing N

WATER LEVEL MEASUREMENT METHOD: ELECTRONIC PROBE

PURGE METHOD: LOW FLOW

TIME START PURGE: 745

PURGE DEPTH (FT) 75

TIME END PURGE: 804

TIME SAMPLED: 805

COMMENTS: LOCK NEEDS TO BE REPLACED

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	49 CASING VOLUME (GAL)
	90.25		64.66		26		0.16	0.64	1.44		16

TIME	10	20	30	40	45	50	
VOLUME PURGED (GAL)	7:48	7:51	7:53	7:55	7:56	7:58	
PURGE RATE (GPM)	5	5	5				
TEMPERATURE (°C)	72.5 ~~82.3~~	72.6	72.6	72.6	72.9	72.2	
pH	6.45 ~~7.82~~	7.06	7.30	7.46	7.50	7.46	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1015 ~~665~~	960	959	944	953	1004	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/10/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-11S

PROJECT NUMBER: 924010.02 PERSONNEL: SCB/RAP

STATIC WATER LEVEL (FT): 66.42 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Red. - Flow

TIME START PURGE: 1525 PURGE DEPTH (FT) 78'

TIME END PURGE: 1539

TIME SAMPLED:

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	45 CASING VOLUME (GAL)
	89.30		66.42		23		0.16	0.64	1.44		15

TIME	1527	1529	1531	1533	1534	1536	1538
VOLUME PURGED (GAL)	10	20	30	40	45	50	55
PURGE RATE (GPM)	5	5	5	5	5	5	5
TEMPERATURE (~~°C~~) °F	79.0	77.8	77.8	77.2	77.0	76.8	75.8
pH	7.37	7.33	7.40	7.43	7.39	7.40	7.40
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1398	1380.	1336.	1287	1264	1255	1238
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Slightly yellow	clear	clear	CLEAR	CLEAR	CLEAR	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/10/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: NCC-10S

PROJECT NUMBER: 9240 W.02 PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 67.80 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi - Flow

TIME START PURGE: 1301 PURGE DEPTH (FT) 78'

TIME END PURGE: 1311

TIME SAMPLED: 1320

COMMENTS: NEEDS NEW LOCK;

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	43 CASING VOLUME (GAL)
	89.60		67.80		22.		0.16	0.64	1.44		14

TIME	1303	1305	1307	1309	1310		
VOLUME PURGED (GAL)	10	20	30	40	45		
PURGE RATE (GPM)	5gpm →						
TEMPERATURE (°C)	83.2	79.9	79.9	78.2	78.1		
pH	7.22	7.42	7.41	7.41	7.41		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	905	876.	874	857.	860.		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	78'	78'	78'	78'	78'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/10/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-9S

PROJECT NUMBER: 924010.03 PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 65.64 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Rediflow

TIME START PURGE: 1023 PURGE DEPTH (FT) 75'

TIME END PURGE: 1034

TIME SAMPLED: 1040

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	45 CASING VOLUME (GAL)
	89.20		65.64		23.5		0.16	0.64	1.44		15

TIME	1025	1027	1029	1031	1033		
VOLUME PURGED (GAL)	10 gal	20	30	40	45		
PURGE RATE (GPM)	5gpm	5gpm	5gpm	5gpm	5gpm		
TEMPERATURE (°C)	74.2	~~74~~ 75.3	75.3	75.7	75.4		
pH	7.55	7.50	7.48	7.44	7.52		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	796.	804.	802.	808.	808		
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	clear	clear	clear	clear	clear		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: NCC-85

PROJECT NUMBER: 924010.02 PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 67.67 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE PURGE METHOD: REDI-FLOW

TIME START PURGE: 939 PURGE DEPTH (FT) 73 ft

TIME END PURGE: 952

TIME SAMPLED: 955

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	90		67.67		22.33		0.16	0.64	1.44		42.9

TIME	942	944	946	949	950	951	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	72.3	72.6	72.5	72.2	72.8	72.9	
pH	7.39	7.14	7.20	7.24	7.18	7.22	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1553	1579	1561	1514	1503	1485	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR			
ODOR	NO	NO	NO	NO			
DEPTH OF PURGE INTAKE (FT)	73	73	73	73			
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: 924010.02 WELL NUMBER: WCC-7S

PROJECT NUMBER: DAC PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): MEASURING POINT DESCRIPTION:

WATER LEVEL MEASUREMENT METHOD: PURGE METHOD: REDI FLOW

TIME START PURGE: ~~0820~~ 0824 PURGE DEPTH (FT) 73

TIME END PURGE: 838

TIME SAMPLED: 842

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	90.5						0.16	0.64	1.44		50

TIME	828	830	832	835	837	838	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	71.0	71.7	71.8	71.8	72.1	72.1	
pH	6.49	6.98	7.38	7.46	7.49	7.46	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	912	909	859	848	857	852	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	CL	CL	CL	CL	CL	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	73	73	73	73	73	73	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-65

PROJECT NUMBER: 924010.02

PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 68.43

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electronic Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 1129

PURGE DEPTH (FT) 75 ft.

TIME END PURGE: 1141

TIME SAMPLED: 1148

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	144 CASING VOLUME (GAL)
	91		68.43		22.57		0.16	0.64	1.44		43

TIME	1131	1134	1137	1139	1140	1141	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	76.7	~~76~~ 76.1	76.2	75.9	75.8	76.0	
pH	7.32	7.16	7.13	7.20	7.20	7.20	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1170	1169	1185	1179	1186	1172	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	
ODOR	OILY	OILY	OILY	OILY	OILY	OILY	
DEPTH OF PURGE INTAKE (FT)	77	77	77	77	77	77	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/10/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-55

PROJECT NUMBER: 924010.02

PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 65.55

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Rel.-flow

TIME START PURGE: 1105

PURGE DEPTH (FT) 75'

TIME END PURGE: 1115

TIME SAMPLED: 1130

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	X3=46 CASING VOLUME (GAL)
	89.55		65.55		23.8		0.16	0.64	1.44		15

TIME	1107	1109	1111	1113	1114	1115	
VOLUME PURGED (GAL)	10 gal	20	30	40	45	50	
PURGE RATE (GPM)	5gpm	5gpm	5gpm	5gpm	5gpm	5gpm	
TEMPERATURE ~~(°C)~~ F	82.7	80.7	81.2	80.5	79.6	80.1	
pH	7.47	7.40	7.40	7.40	7.40	7.35	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1408.	1366.	1387.	1388.	1324 ~~1388.~~	1324	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	NO	NO					
DEPTH OF PURGE INTAKE (FT)	75'	75'	75'	75'	75'	75'	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: NCC-4S

PROJECT NUMBER: 924010.02 PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 67.01 MEASURING POINT DESCRIPTION: TOP OF CASING

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE PURGE METHOD: REDI-FLOW

TIME START PURGE: 902 PURGE DEPTH (FT): 75'

TIME END PURGE: 915

TIME SAMPLED: 917

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	1567 CASING VOLUME (GAL)
	91.5		67.01		24.49		0.16	0.64	1.44		47

TIME	904	906	908	911	912	914	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	71.6	72.0	72.2	72.4	72.6	72.8	
pH	7.68	7.51	7.57	7.56	7.54	7.54	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1303	1277	1173	1119	1128	1104	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR		
ODOR	NO	NO	NO	NO	NO		
DEPTH OF PURGE INTAKE (FT)	73'	73'	73'	73'	73'		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-33

PROJECT NUMBER: 924010 02

PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 68.38

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electronic Probe

PURGE METHOD: Redi Flow

TIME START PURGE: 1212

PURGE DEPTH (FT) 75'

TIME END PURGE: 1223

TIME SAMPLED: 1231

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	92		68.38		23.62		0.16	0.64	1.44		45 gal

TIME	1214	1216	1218	1219	1220	1221	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	77.8	77.3	77.6	77.8	77.9	78.2	
pH	7.05	6.92	6.85	6.86	6.88	6.88	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1865	1928	1816	1721	1734	1722	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLR.	CLR	CLR	CLR	CLR	CLR	
ODOR	OILY	OILY	OILY	OILY	OILY	OILY	
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

(ISGD 1) Page 1 of 2

BOE-C6-0065392

Groundwater Purge and Sample Form Date: 6/10/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-2S

PROJECT NUMBER: 924010.02 PERSONNEL: SCS/RAP

STATIC WATER LEVEL (FT): 67.65 MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe PURGE METHOD: Redi - Flow

TIME START PURGE: 1438 PURGE DEPTH (FT) 78'

TIME END PURGE: 1448

TIME SAMPLED: 1455

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	40 CASING VOLUME (GAL)
	88.80		67.65		21		0.16	0.64	1.44		13

TIME	1440	1442	1444	1445	1446	1447	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	82.4	78.8	78.7	78.3	785.	77.5	
pH	8.80	8.02	7.77	7.65	7.54	7.57	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	903.	805.	801.	798.	792.	792.	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	78'	78'	78'	78'	78'	78'	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-431 (5-89)

Groundwater Purge and Sample Form Date: 6/13/94 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC - 15

PROJECT NUMBER: 924010.02

PERSONNEL: SCS / RAP

STATIC WATER LEVEL (FT): 67.93

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: ELECTRONIC TAPE

PURGE METHOD: HAND - BAIL

TIME START PURGE: 1255

PURGE DEPTH (FT) 75 ft.

TIME END PURGE: 1400

TIME SAMPLED: 1405

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	3.7 CASING VOLUME (GAL)
	91		67.93		23.07		0.16	0.64	1.44		11

TIME	1312	1321	1336	1346	1350	1356	1400
VOLUME PURGED (GAL)	2	4	6	8	9	10	11
PURGE RATE (GPM)	—	—	—	—	—	—	
TEMPERATURE (°C)	80.3	80.4	80.9	80.2	80.2	80.5	80.9
pH	7.65	7.73	7.78	7.53	7.71	7.51	7.53
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1504	1491	1485	1485	1466	1457	1469
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	BROWN SILTY	BROWN	BROWN	BROWN	BROWN	BROWN	BROWN
ODOR	NO	NO	NO	NO	NO	NO	NO
DEPTH OF PURGE INTAKE (FT)	75'	75'	75'	75'	75'	75'	75'
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

CHAIN-OF-CUSTODY RECORD

Client KENNEDY/JENKS

Project Name DAC

Project Address 17310 RIDHILL AV. #220
IRVINE, CA 92714

Project Contact (please print) SARAH BARTLING

Date 06/13/94

Client Reference # 924010 02

Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☑ Normal
- ☐ Mobile Lab

Analysis Requested
All analyses and deliverables must be identified (see section 4.8 & 4.9 on reverse)

Page 1 of

Lab Use Only
Lab Job # ____
C.O. # ____
C.O. # ____
C.O. # ____
C.O. # ____
Sample Condition Upon Receipt:
Chilled ☐ yes ☐ no
Sealed ☐ yes ☐ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	EPA 8240/8260	EPA 624							Number of Containers	Container/Comments	Lab Sample Number
WCC125-9		6/13/94	805		X								4	40 mL VOA	
WCC75-9		6/13/94	842		X								4	40 mL VOA	
WCC45-9		6/13/94	917		X								4	40 mL VOA	
WCC85-9		6/13/94	955		X								4	40 mL VOA	
WCC30-9		6/13/94	1110		X								4	40 mL VOA	
WCC65-9		6/13/94	1148		X								4	40 mL VOA	
WCC35-9		6/13/94	1231		X								4	40 mL VOA	
WCC15-9		6/13/94	1405		X								4	40 mL VOA	
DACP1-9		6/13/94	1450		X								4	40 mL VOA	
TB061394		6/13/94			X								1	40 mL VOA	
FB061394		6/13/94	1500		X	X							1	40 mL VOA	
DW061394		6/13/94			X								2	40 mL VOA	
													40	Total Number of Containers	

❶ Relinquished by (signature)* [signature]
Company KENNEDY/JENKS
Date 6-13-94
Time 5:50

❷ Received by (signature) [signature]
Company
Date 6-13-94
Time

❸ Relinquished by (signature)*
Company
Date
Time

❹ Received by Laboratory (signature)
Laboratory Name

Special Instructions

*See Terms And Conditions (section 2) on reverse **before** signing

THERMA TRON LABS

Corporate Office
1920 E. Deere Ave., Suite 130
Santa Ana, CA 92705
Tel 714 757 7022 800 377 2322
Fax 714 757 7274

Arizona Office
3902 E. University Drive, Suite 4
Phoenix, Arizona 85034
Tel 602 437 9367 Fax 602 437 9362

KENNEDY/JENKS CONSULTANTS

☐ 200 New Stine Rd., #115, Bakersfield, CA 93309
☐ 530 South 336th St., Federal Way, WA 98003
☒ 17310 Red Hill Ave., #220, Irvine, CA 92714
☐ 2191 East Bayshore Rd., #200, Palo Alto, CA 94303
☐ 5190 Neil Road, #300, Reno, NV 89502
☐ 3336 Bradshaw Rd., #140, Sacramento, CA 95827
☐ 303 Second St., San Francisco, CA 94107
☐ 1000 Hill Rd., #200, Ventura, CA 93003

SAMPLE CHAIN-OF-CUSTODY ANALYSIS REQUEST

POSSIBLE HAZARDS: VOCs

Date: 6/10/94
Source of Samples: DAC
Sampler Name: Rick Pastore
Phone: 714-261-1577
Project No.: 924010.02

Report To: SARAH BARTLING
Company: KENNEDY/JENKS
Address: 17310 Red Hill #220, IRVINE 92714
Phone: (714) 261-1577

Lab Destination: [illegible]
Address:
Phone:
Carrier/Way Bill No.: DELIVERED

(1) Lab ID No.	(1) Client ID No.	COLLECTION Date	COLLECTION Time	(2) Type	Depth	(3) Comp.	(4) Pres.	Turn-around	(5) ANALYSES REQUESTED: EPA 8240/8260	EPA 624							Comment/Conditions (Container type, container number, etc.)
	WCC9S-9	6/10/94	1040	W			HCL	Norm.	X								
	WCC5S-9		1130						X								
	WCC1D-9		1235						X								
	WCC10S-9		1320						X								
	WCC2S-9		1455						X								
	FB061094		1315							X							
	WCC11S-9								X								
	DW061094		—						X								
	TB061094		—							X							

(1) Write only one sample number in each space.
(2) Specify type of sample(s): Water (W), Solid (S), or indicate type.
(3) Mark each sample which should be composited in Laboratory as follows: Place an "A" in box for each sample that should be composited into one sample; use sequential letter for additional groups.
(4) Preservation of sample.
(5) Write each analyses requested across top. Place an "X" in appropriate column to indicate type of analysis needed for each sample.

SAMPLE RELINQUISHED BY:

Print Name	Signature	Company	Date	Time
Rick Pastore	[illegible]	K/J C	6/11	1100

SAMPLE RECEIVED BY:

Print Name	Signature	Company	Date	Time
Jeffrey Kearney	[illegible]	[illegible]	[illegible]	

BOE-C6-0065396

MISC\CUSTODY2.FRM

000065 08

APPENDIX D

CHAIN-OF-CUSTODY RECORDS