Kennedy/Jenks Consultants

GROUNDWATER MONITORING
DATA SUMMARY REPORT
FIRST QUARTER 1995

DOUGLAS AIRCRAFT COMPANY C-6 FACILITY
TORRANCE, CALIFORNIA

K/J 944016.00

APRIL 1995

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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 13 and 14 March 1995, First Quarter 1995.

2.0 QUARTERLY MONITORING PROGRAM

First Quarter 1995 groundwater sampling was performed in accordance with standard sampling procedures. Static water level depths were measured on 13 March 1995 prior to initiating purging of groundwater from any observation wells. Static water depths on monitoring wells (MW-9, MW-18 and MW-19) located in the southern portion of the 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 First Quarter 1995.

> 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 First 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 to four labeled 40-ml capacity vials, preserved with HCl.

2.2 Field QA/QC Procedures

Duplicate groundwater samples were collected for the sampling rounds on 13 and 14 March 1995 for quality control purposes. The duplicates were collected in three or four HCl-preserved vials each and identified by inserting the collection date after "DW-" (DW-031395 and DW-031495). No further sample identification was provided to the laboratory. Samples DW-031395 and DW-031495 were taken from observation wells WCC-10S and WCC-3D, respectively.

Following decontamination of the bailer by steam-cleaning, and prior to collection of groundwater samples from the successive well, an equipment rinsate blank was prepared for laboratory analysis. The equipment rinsate blank was prepared by pouring Reagent Grade II water, prepared by the analytical laboratory, through the bailer and discharge spigot and collecting the rinsate in two 40-ml vial preserved with HCl. The blank was identified following a similar protocol to that used for duplicate water samples and is identified as "EB031495". The wells sampled before and after rinsate blank preparation were recorded. EB031495 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 as TB-031395 and TB-031495.

All groundwater, duplicate, and field blank samples were transported in ice-cooled chests to Thermo Analytical (formerly 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 13 March 1995 (Table 4 and Appendix C). The shallow zone groundwater elevations over the C-6 facility range from 16.41 feet below mean sea level (MSL) to 17.54 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 little change over the DAC C-6 facility since the December 1994 quarterly monitoring, with the exception of a rise in water levels at WCC-10S. Relative to other wells in this area of the C-6 facility, this higher water level at WCC-10S is consistent with the fourth and first quarters of 1993 and 1994. The groundwater gradient in the shallow zone was generally south-southeast with a southerly directed trough-like depression between observation wells WCC-10S and 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 17.36 and 17.27 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 21,000 micrograms per liter (µg/L) coming onto DAC's property. This test result shows an increase relative to prior sampling events, but is within the historical range. 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. Most 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).

- Unlike the previous monitoring event, toluene and 1,1,1-TCA were not detected in WC-11S. This is consistent with the historic WCC-11S data.

- WCC-3S data showed an increase in TCE over the previous two sampling events. However, this TCE concentration is consistent with older historical data.

- WCC-6S data showed significant decrease in 1,1-DCE, 1,1,1-TCA, MIBK, cis-1,2-DCE, and toluene over recent historical data.

- Chemical concentration variances within all observation wells (other than WCC-6S discussed above) were typical of historical ranges.

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

TABLES

OBSERVATION WELL CONSTRUCTION DETAILS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER, 1995
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

BOE-C6-0065635

TABLE 1 (Continued)

OBSERVATION WELL CONSTRUCTION DETAILS
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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 - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
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	2,800	-	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
	9/9/94	1,400	<40	<40	2,300	<400	<40	<40	<40	<40	<40	<800
	12/22/94	3,000	23	24	3,100	<200	38	36	<20	57	<20	<400
	3/14/95	2,000	<20	<20	2,300	<200	22	22	<20	34	<20	<400
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
	9/8/94	37	<2	<2	150	<20	<2	<2	<2	<2	<2	<40
	12/22/94	28	<2	<2	110	<20	<2	<2	<2	<2	<2	<40
	3/13/95	27	<2	<2	160	<20	<2	<2	<2	<2	<2	<40

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

TABLE 2
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FIRST QUARTER 1995
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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	13,000	310	6,200	820	9,900	4,100	360	<200	<200	23,000	<4000
	*9/9/94	23,000/25,000	520/560	9,000/9,800	<500/<500	6,000/5,000	7,700/8,400	600/640	<500/<500	<500/<500	43,000/47,000	<10000/<1000
	12/22/94	20,000	440	6,700	390	3,400	6,700	530	<200	200	35,000	<4,000
	3/14/95	24,000	570	8,700	2,300	4,600	6,200	670	<200	230	40,000	<4,000
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	940	<40	7.1	5.2	<4	<4	<4	<80
	9/9/94	1,000	<20	<20	1,300	<200	<20	<20	<20	<20	<20	<400
	12/22/94	670	<10	<10	750	<100	<10	<10	<10	<10	<10	<200
	3/14/95	400	9.8	4.9	450	<40	4.9	<4	<4	<4	<4	<80

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

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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
	9/8/94	18	<2	<2	3.3	<20	<2	<2	<2	<2	<2	<40
	12/21/94	18	<2	<2	2.9	<20	<2	<2	<2	<2	<2	<40
	3/13/95	14	<2	<2	2.8	<20	<2	<2	<2	<2	<2	<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		<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
	9/9/94	Not sampled; well head obstructed										
	12/22/94	9,100	<200	1,300	1,900	4,800	2,500	<200	<200	<200	16,000	<4,000
	3/14/95	3,000	38	200	930	390	850	60	<20	25	2,300	<400

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
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-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
	9/8/94	50	13	<2	250	<20	<2	<2	<2	<2	<2	<40
	12/22/94	94	<2	<2	94	<20	<2	<2	<2	<2	<2	<40
	3/14/95	53	<2	<2	84	<20	<2	<2	<2	<2	<2	<40
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	4,000	<40	290	2,200	<400	<40	44	<40	<40	<40	<800
	9/9/94	4,600	<50	280	3,100	<500	<50	<50	<50	<50	<50	<1000
	12/22/94	4,000	<20	230	2,100	<200	<20	43	<20	25	<20	<400
	3/14/95	4,500	<40	220	2,600	<400	<40	41	<40	<40	<40	<800

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
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-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
	9/8/94	<4	<2	<2	38	<20	2.7	<2	4.1	<2	<2	<40
	*12/21/94	<4/<4	<2/<2	<2/<2	22/26	<20/<20	3.1/3.3	<2/<2	3.0/3.1	<2/<2	<2/<2	<40/<40
	3/13/95	7	<2	<2	56	<20	<2	<2	8.4	<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
	9/8/94	17	<2	<2	130	<20	<2	<2	<2	<2	<2	<40
	*12/22/94	14/13	<2/<2	<2/<2	99/94	<20/<20	<2/<2	<2/<2	3.1/3.0	<2/<2	<2/<2	<40/<40
	*3/13/95	19/19	<2/<2	<2/<2	120/130	<20/<20	<2/<2	<2/<2	2.2/2.3	<2	<2	<40

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
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
	*9/8/94	20/19	<2/<2	<2/<2	140/120	<20/<20	4.8/5.9	<2/<2	<2/<2	<2/<2	<2/<2	<40/<40
	12/21/94	26	<2	6	130	<20	4.2	<2	<2	<2	10	<40
	3/13/95	16	<2	<2	100	<20	5.6	<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	<40
	9/9/94	97	<2	<2	160	<20	<2	<2	<2	<2	<2	<40
	12/22/94	52	17	<2	190	<20	2.1	<2	<2	<2	<2	<40
	3/14/95	53	18	<2	230	<20	<2	<2	2.9	<2	<2	<40

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
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
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
	9/9/94	<400	<200	<200	18,000	<2,000	<200	<200	<200	<200	<200	<4,000
	12/22/94	<400	<200	<200	11,000	<2,000	<200	<200	<200	<200	<200	<4,000
	3/14/95	<400	<200	<200	21,000	<2,000	<200	<200	<200	<200	<200	<4,000
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
	9/8/94	210	<2	3.6	37	<20	<2	<2	<2	<2	<2	<40
	12/22/94	600	<2	10	71	<20	2.3	2.2	<2	<2	2.2	<40
	3/13/95	240	<4	<4	38	<40	<4	<4	<4	<4	<4	<80

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
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-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	1,300	96	<100	<10	<10	<10	<10	<10	<200
	9/9/94	3,700	<50	5,600	490	<500	<50	<50	<50	<50	<50	<1,000
	12/21/94	5,200	10	6,300	540	<40	15	22	<4	8.6	5,100	<80
	*3/14/95	3,300/3,200	<40/<20	4,000/3,900	370/380	<400/<200	<40/<20	<40/<20	<40/<20	<40/<20	3,200/3,400	<800/<400

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
FIRST QUARTER 1995
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
	9/9/94	<800	<120	<40	<200	<40	<80	<40	<40	<40	<40
	12/22/94	<400	<40	<20	<100	<20	<40	<20	<20	<20	<20
	3/14/95	<400	<40	<20	<100	<20	<40	<20	<20	<20	<20

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
FIRST QUARTER 1995
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-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
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
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
	*9/9/94	<10000/<1000	<1500/1500	<500/<500	<2500/<2500	<500/<500	<1000/<1000	<500/<500	<500/<500	<500/<500	<500/<500
	12/22/94	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	3/14/95	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<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
FIRST QUARTER 1995
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-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
	9/9/94	<400	<60	<20	<100	<20	<40	<20	<20	<20	<20
	12/22/94	<200	<20	<10	<50	<10	<20	<10	<10	<10	<10
	3/14/95	<80	<8	<4	<20	<4	<8	<4	<4	<4	<4
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
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/21/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2

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

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FIRST QUARTER 1995
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-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	<50/<100	<50/<500	<10/<100	69/<200	<10/<100	<10/<10	<10/<100	41/<100
	9/9/94	Not sampled; well head obstructed.									
	12/22/94	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	3/14/95	<400	<40	<20	<100	<20	<40	<20	<20	<20	26
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
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/14/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2

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

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FIRST QUARTER 1995
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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-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
	9/9/94	<1000	<150	<50	<250	<50	<100	<50	<50	<50	<50
	12/22/94	<400	<40	<20	<100	<20	<40	<20	<20	<20	<20
	3/14/95	<800	<80	<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
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	*12/21/94	<40/<40	<4/<4	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2

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FIRST QUARTER 1995
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
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	*12/22/94	<40/<40	<4/<4	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	*3/13/95	<40/<40	<4/<4	<2/<2	<10/<10	<2/<2	<4/<4	2.4/<2	<2/<2	<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
	*9/8/94	<40/<40	<6/<6	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2
	12/21/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2

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

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FIRST QUARTER 1995
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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-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
	9/9/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/14/95	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
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
	9/9/94	<4000	<600	<200	<1000	<200	<400	<200	<200	<200	<200
	12/22/94	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200
	3/14/95	<4,000	<400	<200	<1,000	<200	<400	<200	<200	<200	<200

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

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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-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
	9/8/94	<40	<6	<2	<10	<2	<4	<2	<2	<2	<2
	12/22/94	<40	<4	<2	<10	<2	<4	<2	<2	<2	<2
	3/13/95	<80	<8	<4	<20	<4	<8	<4	<4	<4	<4
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
	9/9/94	<1000	<150	<50	<250	<50	<100	<50	<50	<50	<50
	12/21/94	<80	<8	<4	<20	<4	29	<4	<4	<4	<4
	*3/14/95	<800/<400	<80/<40	<40/<20	<200/<100	<40/<20	<80/<40	<40/61	<40/<20	<40/<20	<40/<20

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

TABLE 4

SUMMARY OF GROUNDWATER ELEVATION DATA
FIRST QUARTER 1995
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	09/08/94	12/21/94	03/13/95
WCC-1S	50.70	-18.79	-18.75	-18.25	-18.00	-17.61	-17.23	-17.25	-17.12	-17.12
WCC-2S	50.59	-18.64	-18.63	-18.15	-17.87	-17.49	-17.07	-17.2	-17.17	-17.08
WCC-3S	51.19	-18.83	-18.82	-18.36	-18.01	-17.67	-17.19	-17.31	-17.28	-17.22
WCC-4S	49.69	-18.86	-18.78	-18.37	-18.16	-17.77	-17.32	-17.37	-17.31	-17.23
WCC-5S	48.22	-18.83	-18.78	-18.38	-18.13	-17.78	-17.33	-17.33	-17.25	-17.19
WCC-6S	50.95	-19.03	-18.97	-18.55	-18.32	-17.92	-17.48	NM*	-17.45	-17.36
WCC-7S	48.29	-19.30	-19.23	-18.83	-18.60	-18.22	-17.82	-17.8	-17.74	-17.54
WCC-8S	50.56	-18.69	-18.61	-18.19	-17.89	-17.49	-17.11	-17.14	-17.12	-17.29
WCC-9S	47.01	-19.09	-19.09	-18.69	-18.42	-18.09	-18.63	-19.08	-17.51	-17.41
WCC-10S	51.12	-18.42	-18.33	-17.83	-17.54	-17.07	-16.67	-17.03	-16.97	-16.56
WCC-11S	49.97	-18.13	-18.04	-17.60	-17.36	-16.96	-16.45	-16.58	-16.63	-16.48
WCC-12S	46.92	-19.26	-19.20	-18.78	-18.58	-18.13	-17.74	-17.79	-17.67	-17.63
DAC-P1	52.44	-17.46	-17.38	-17.03	-16.76	-16.74	-16.60	-16.48	-16.25	-16.41
WCC-1D	50.45	-19.10	-19.00	-18.53	-18.34	-17.83	-17.47	-17.66	-17.55	-17.36
WCC-3D	51.18	-18.87	-18.85	-18.40	-18.18	-18.00	-17.39	-17.47	-17.42	-17.27
MW-8[6]	49.09	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9[6]	48.67	NA	-20.58	NA	NA	NA	NA	NA	NA	NA
MW-18[6]	50.29	NA	-20.88	NA	NA	NA	NA	NA	NA	NA
MW-19[6]	46.55	NA	-20.13	NA	NA	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. NA - Not Available - No access to offsite wells.
6. Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation
* Water Level Elevation not measured due to wellhead obstructions.

TABLE 4

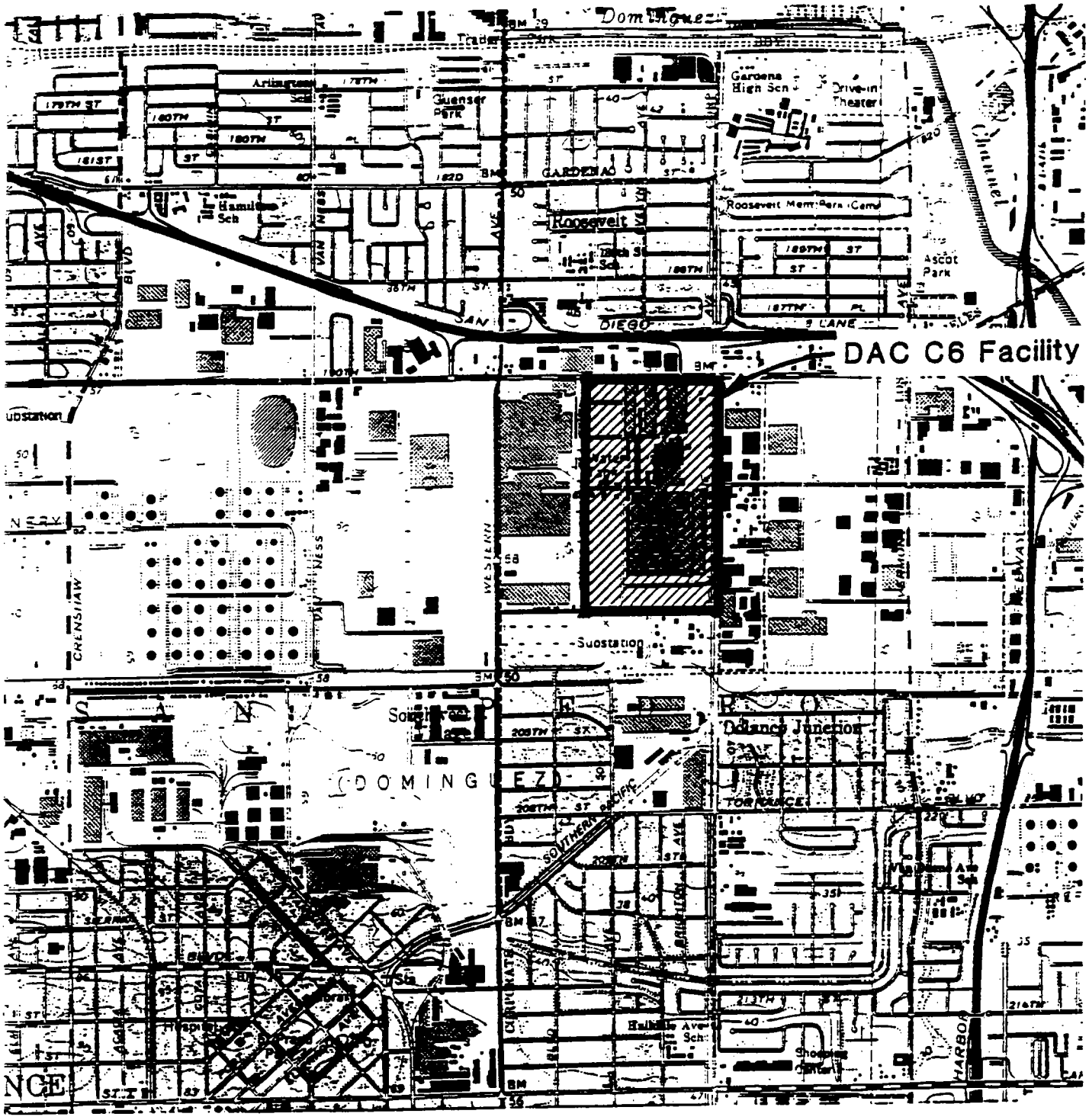
SUMMARY OF GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
FIRST QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.00

Observation Well	Reference Point[1] Elevation (Feet Above MSL)[2]	Water Level Elevation (Feet Above Mean Sea Level)				
		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. NA - Not Available - No access to offsite wells.
6. Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation

* Water Level Elevation not measured due to wellhead obstructions.

FIGURES



N

0 1,000 2,000 FEET

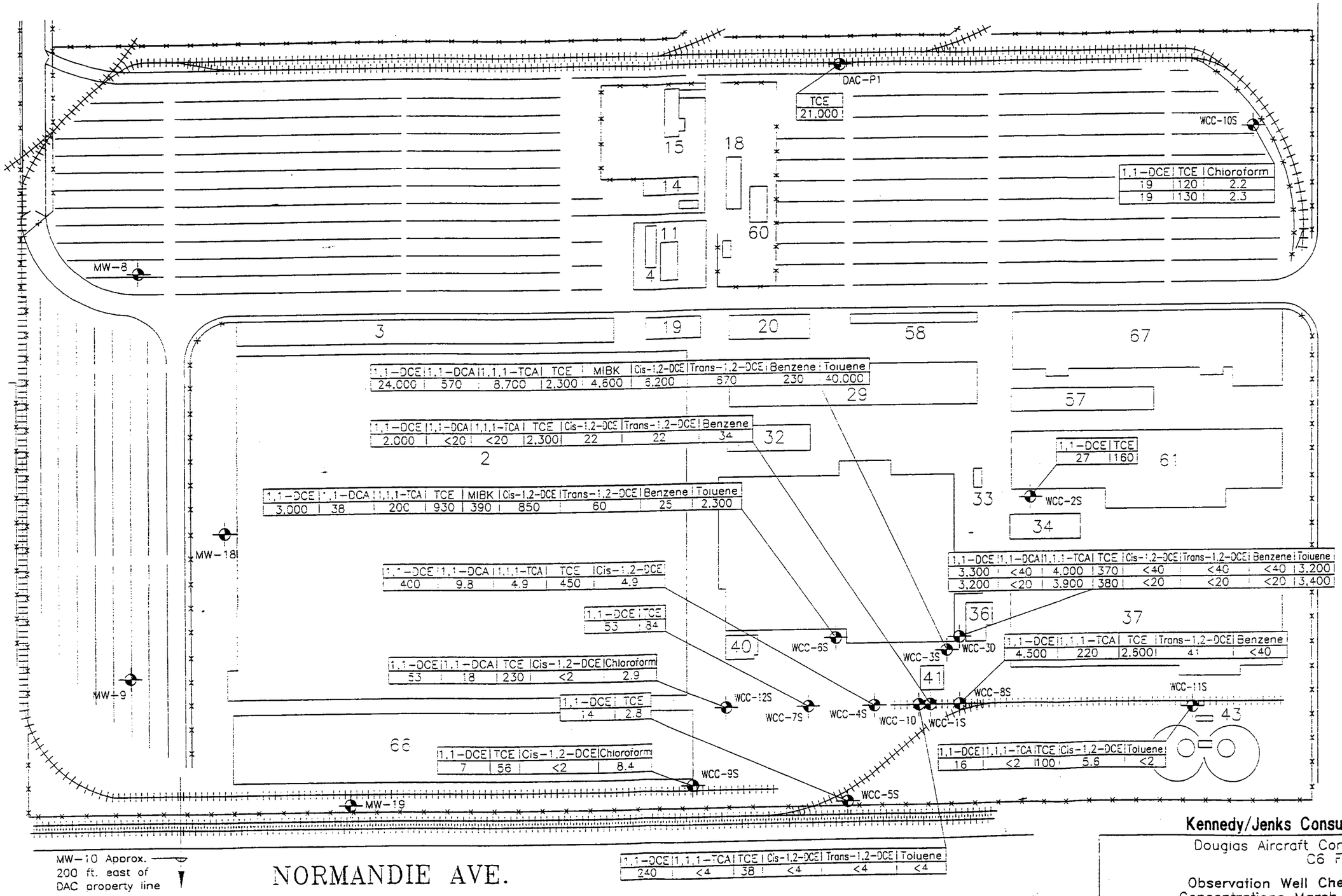
Base Map: U.S.G.S. 7.5 Minute Topographic Map, Torrance, California Quadrangle, 1981.

Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Site Vicinity Map

April 1995
K/J 944016.00
Figure 1



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 are not sampled by Douglas Aircraft Co.
4. Duplicate samples were analyzed for wells WCC-10S and WCC-3D.
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. Figure shows only major constituents listed in Table 2.

Kennedy/Jenks Consultants

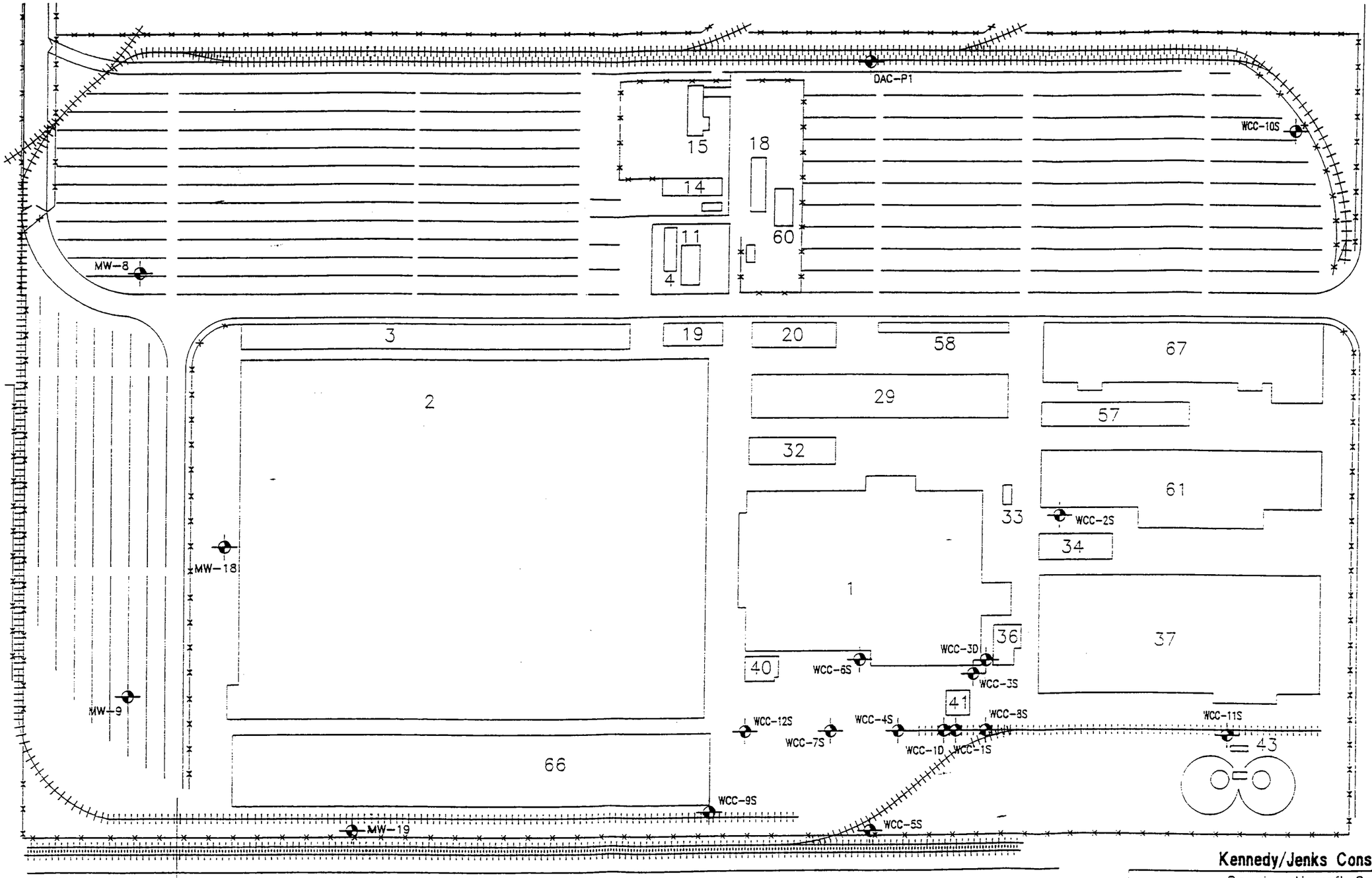
Douglas Aircraft Company
C6 Facility

Observation Well Chemical Concentrations March 1995 Sampling Event

April 1995
K/J 944016.00

Figure 3

BOE-C6-0065657



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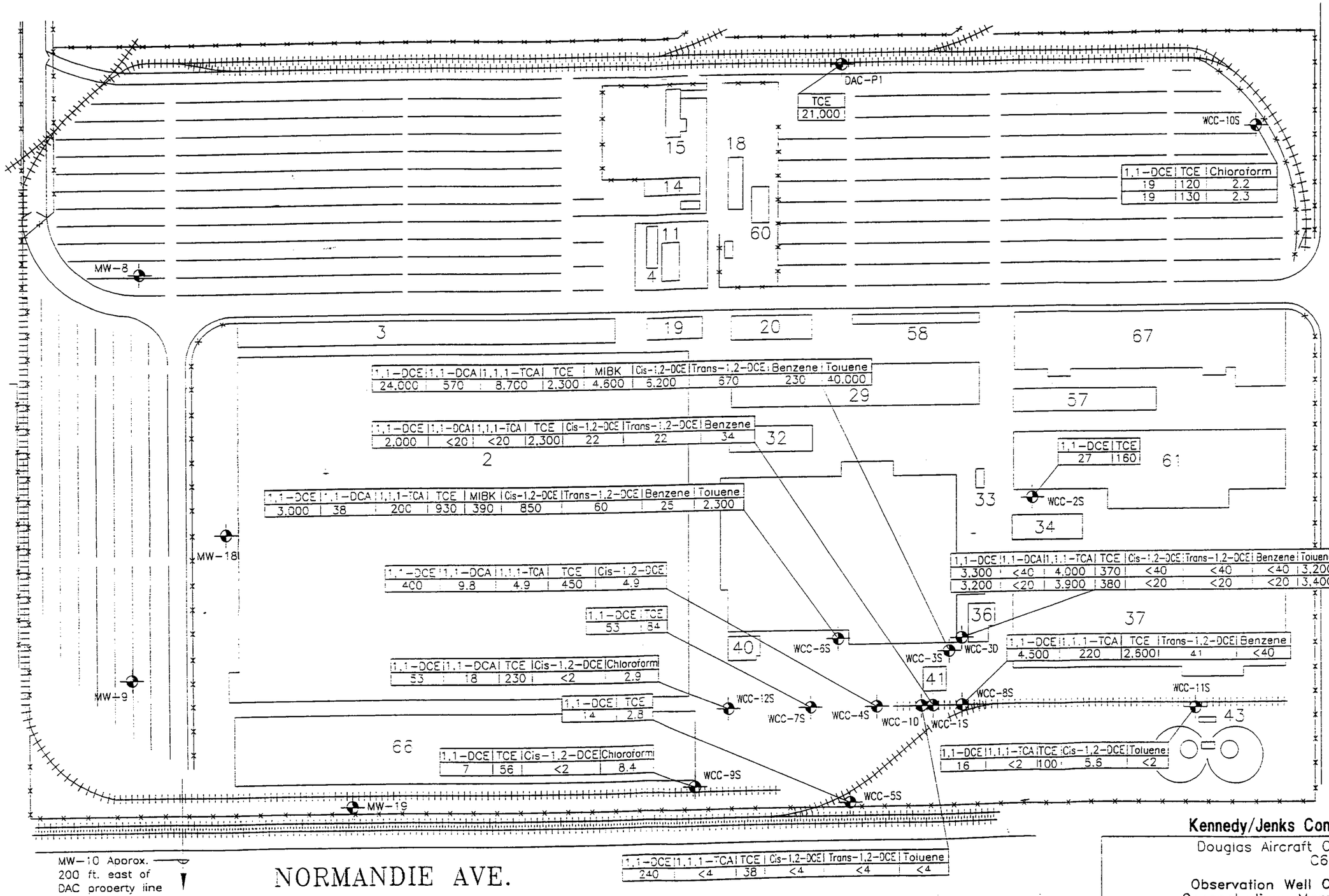


LEGEND

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 are not sampled by Douglas Aircraft Co.
4. Duplicate samples were analyzed for wells WCC-10S and WCC-3D.
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. Figure shows only major constituents listed in Table 2.

Kennedy/Jenks Consultants

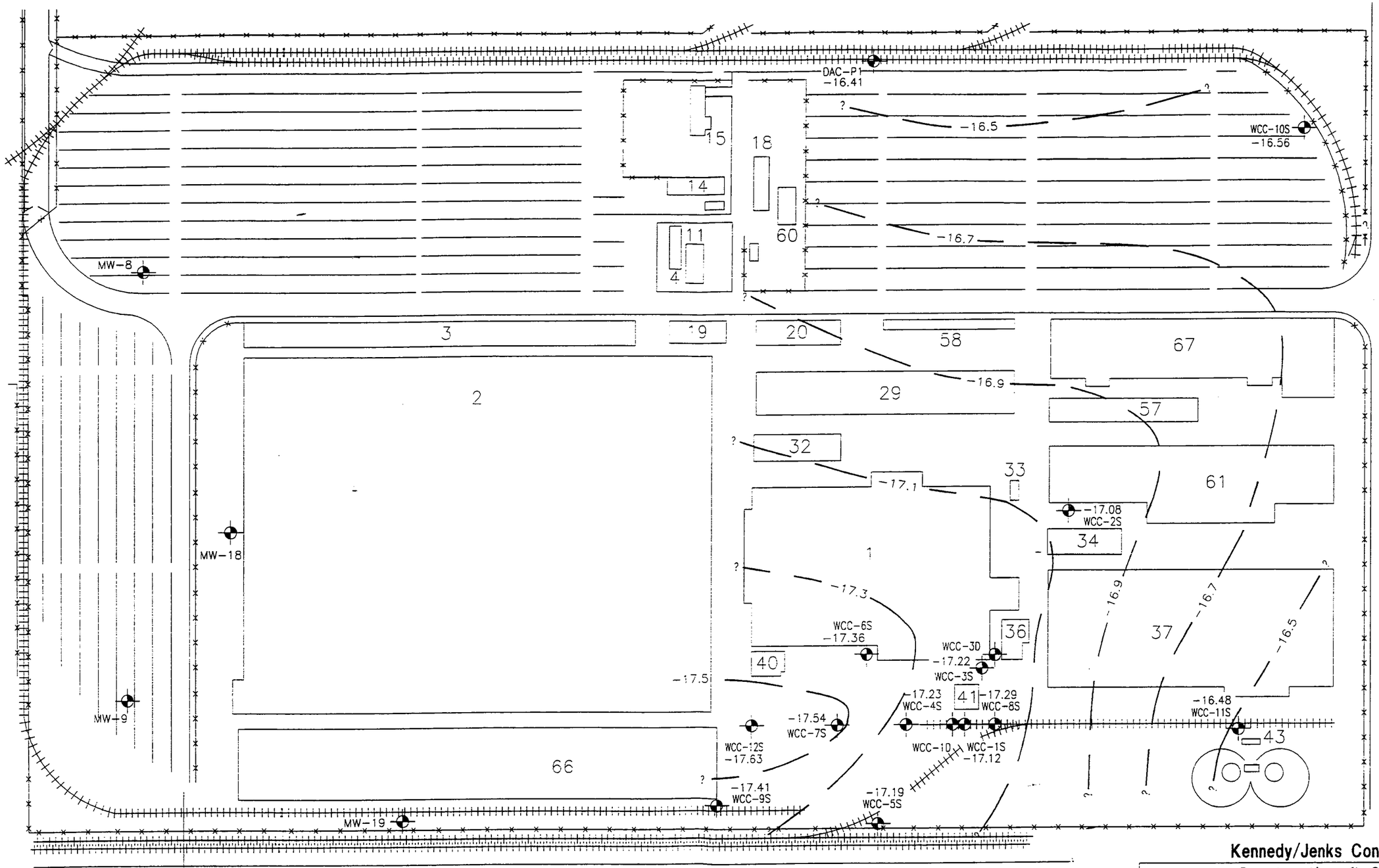
Douglas Aircraft Company
C6 Facility

Observation Well Chemical Concentrations March 1995 Sampling Event

April 1995
K/J 944016.00

Figure 3

BOE-C6-0065659



MW-10 Approx. 200 ft. east of DAC property line

N

0 200

Scale in Feet

LEGEND

WCC-1S -18.00 Observation Well Location, Designation and groundwater elevation, feet MSL, measured 12/21/94.

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

2) Contour Interval = 0.2 feet

3) Wells WCC-3D and WCC-1D are screened across the deeper zone. Therefore, their water elevations are not included.

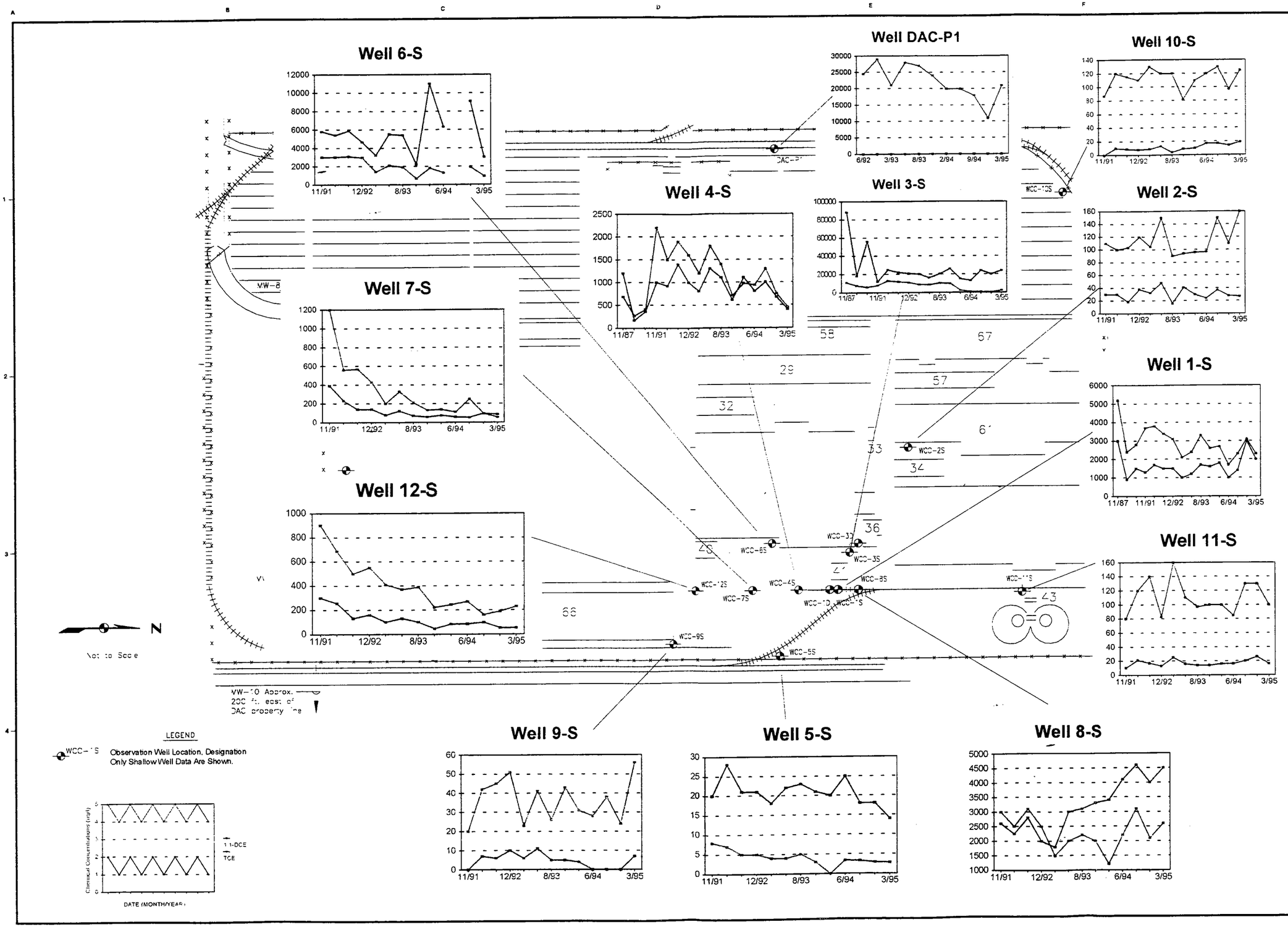
Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Estimated Groundwater Elevation Contour Map, Shallow Zone March 1995

April 1995
K/J 944016.00

Figure 4



Douglas Aircraft Company
C-6 Facility
Torrance, California

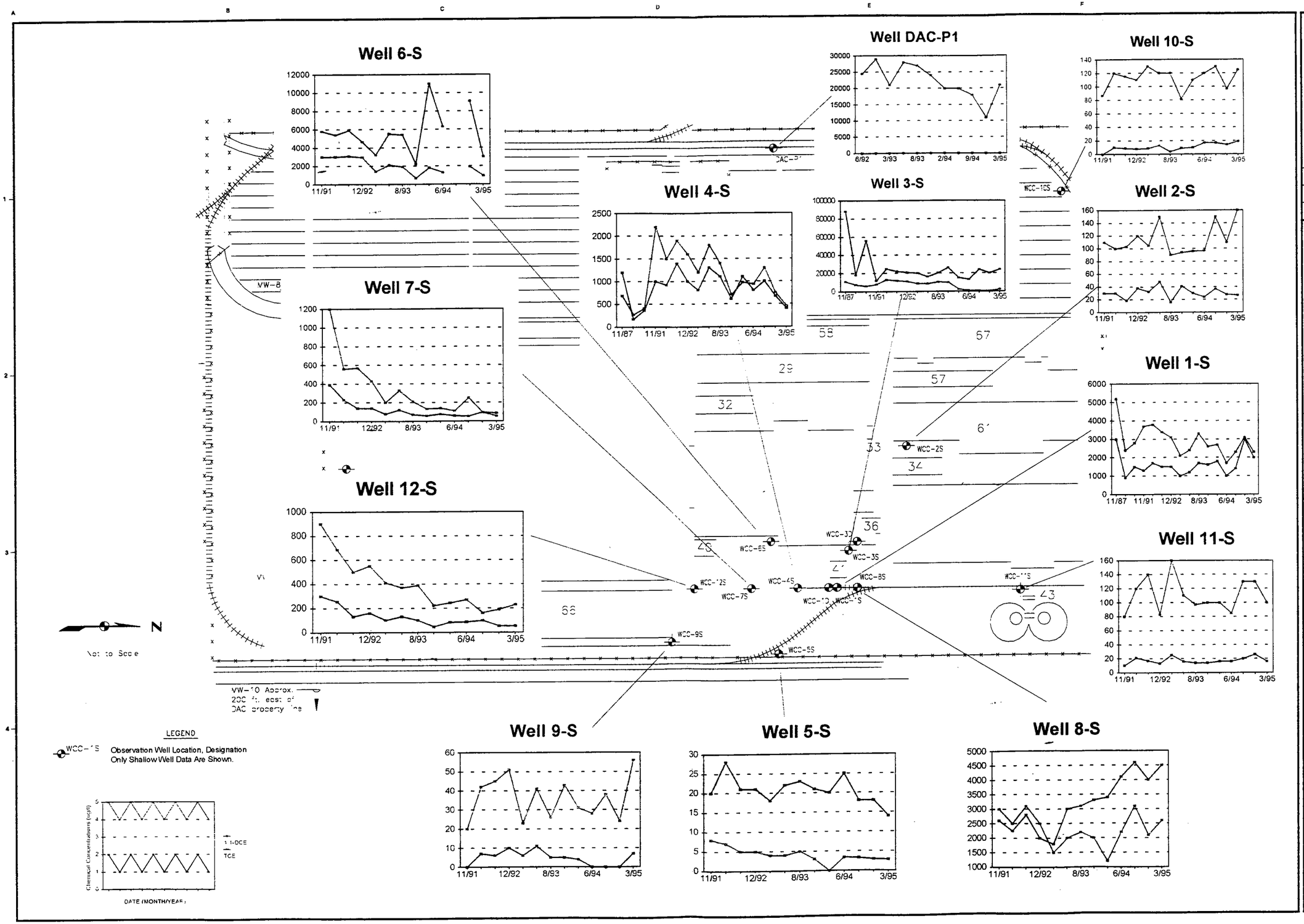
Kennedy/Jenks Consultants
Irvine, California

Submitted:
Approved:

CHEMICAL CONCENTRATION PROFILES
November 1991 to March 1995

Scale: AS NOTED
Job No.: 924010.01
CADD File No.:
Designed:
Drawn:
Checked:
Date:
Sheet: 5

BOE-C6-0065661



Douglas Aircraft Company
C-6 Facility
Torrance, California

Kennedy/Jenks Consultants
Irvine, California

Submitted:
Approved:

CHEMICAL CONCENTRATION PROFILES
November 1991 to March 1995

Scale: AS NOTED
Job No.: 924010.01
CADD File No.:
Designed:
Drawn:
Checked:
Date:
Sheet: 5

BOE-C6-0065662

APPENDIX A

LABORATORY DATA SHEETS

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC1S-12		

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	34	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	ND	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	2,000	40
cis-1,2-Dichloroethene	156-59-2	22	20
trans-1,2-Dichloroethene	156-60-5	22	20

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

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC1S-12		

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	2,300	20
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 acetate	108-05-4	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.

TMA Thermo Analytical

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC2S-12		

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	27	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.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC2S-12		

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	160	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 acetate	108-05-4	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.

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid

Sample ID: WCC3S-12

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	230	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	570	200
1,2-Dichloroethane	107-06-2	ND	200
1,1-Dichloroethene	75-35-4	24,000	400
cis-1,2-Dichloroethene	156-59-2	6,200	200
trans-1,2-Dichloroethene	156-60-5	670	200

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC3S-12		

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	4,600	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	40,000	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	8,700	200
1,1,2-Trichloroethane	79-00-5	ND	400
Trichloroethene	79-01-6	2,300	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid

Sample ID: WCC4S-12

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	4.0
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	9.8	4.0
1,2-Dichloroethane	107-06-2	ND	4.0
1,1-Dichloroethene	75-35-4	400	8.0
cis-1,2-Dichloroethene	156-59-2	4.9	4.0
trans-1,2-Dichloroethene	156-60-5	ND	4.0

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC4S-12		

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	4.9	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	450	4.0
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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC5S-12		

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	14	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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC5S-12		

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	2.8	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC6S-12		

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	25	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	ND	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	38	20
1,2-Dichloroethane	107-06-2	26	20
1,1-Dichloroethene	75-35-4	3,000	40
cis-1,2-Dichloroethene	156-59-2	850	20
trans-1,2-Dichloroethene	156-60-5	60	20

ND; Not Detectable
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Thermo Analytical

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC6S-12		

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	390	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	2,300	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	200	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	930	20
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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC7S-12		

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	53	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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid

Sample ID: WCC7S-12

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	84	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 acetate	108-05-4	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.

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid

Sample ID: WCC8S-12

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	4,500	80
cis-1,2-Dichloroethene	156-59-2	ND	40
trans-1,2-Dichloroethene	156-60-5	41	40

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220	Lab P.N.:	L1777
	Irvine, California 92715	Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC8S-12		

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	220	40
1,1,2-Trichloroethane	79-00-5	ND	80
Trichloroethene	79-01-6	2,600	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC9S-12		

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	8.4	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	7.0	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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC9S-12		

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	56	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC10S-12		

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	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	19	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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC10S-12		

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	2.4	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC11S-12		

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	5.6	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

ND: Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC11S-12		

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	100	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.: Client P.N.:	L1777 944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC12S-12		

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	2.9	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	18	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	53	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.

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC12S-12		

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	230	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 acetate	108-05-4	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.

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	DACP1-12		

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	ND	200
1,2-Dichloroethane	107-06-2	ND	200
1,1-Dichloroethene	75-35-4	ND	400
cis-1,2-Dichloroethene	156-59-2	ND	200
trans-1,2-Dichloroethene	156-60-5	ND	200

ND: Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	DACP1-12		

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	ND	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	ND	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	ND	200
1,1,2-Trichloroethane	79-00-5	ND	400
Trichloroethene	79-01-6	21,000	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC1D-12		

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	240	8.0
cis-1,2-Dichloroethene	156-59-2	ND	4.0
trans-1,2-Dichloroethene	156-60-5	ND	4.0

ND: Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	WCC1D-12		

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	ND	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	38	4.0
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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC3D-12		

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	3,300	80
cis-1,2-Dichloroethene	156-59-2	ND	40
trans-1,2-Dichloroethene	156-60-5	ND	40

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	WCC3D-12		

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	3,200	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	4,000	40
1,1,2-Trichloroethane	79-00-5	ND	80
Trichloroethene	79-01-6	370	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 acetate	108-05-4	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.

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APPENDIX B

LABORATORY/FIELD QUALITY CONTROL DATA SHEETS

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1900 E. Deere Avenue
Santa Ana, CA 92705
Tel: 757-7222 Fax: 757-7274
Formerly Terra Tech Labs

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue. Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
		Lab Cert. #:	1155
Contact:	Sarah Bartling		
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Received:	3/13/95
		Date Analyzed:	3/22/95
		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	89	81	50-127	9	0-22
Benzene (EPA 8240/8260)	M	103	98	64-137	5	0-15
Trichloroethene (EPA 8240/8260)	M	105	99	80-121	5	0-15
Toluene (EPA 8240/8260)	M	106	102	82-118	4	0-12
Chlorobenzene (EPA 8240/8260)	M	104	100	85-119	4	0-12

M = Matrix Spike / Matrix Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical 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.

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	DW031395		

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	2.3	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	19	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.

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	DW031395		

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	130	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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	TB031395		

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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/27/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1772
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/13/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	TB031395		

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 acetate	108-05-4	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

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1930 E. Deere Avenue
Santa Ana, CA 92705
Tel: 757-7022 Fax: 757-7274
Formerly, Terra Tech Labs

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
		Lab Cert. #:	1155
Contact:	Sarah Bartling		
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Received:	3/14/95
		Date Analyzed:	3/22/95-3/24/95
		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	89	81	50-127	9	0-22
Benzene (EPA 8240/8260)	M	103	98	64-137	5	0-15
Trichloroethene (EPA 8240/8260)	M	105	99	80-121	5	0-15
Toluene (EPA 8240/8260)	M	106	102	82-118	4	0-12
Chlorobenzene (EPA 8240/8260)	M	104	100	85-119	4	0-12
1,1, Dichloroethene (EPA 8240/8260)	M	85	90	50-127	6	0-22
Benzene (EPA 8240/8260)	M	94	97	64-137	3	0-15
Trichloroethene (EPA 8240/8260)	M	103	105	80-121	2	0-15
Toluene (EPA 8240/8260)	M	93	97	82-118	4	0-12
Chlorobenzene (EPA 8240/8260)	M	94	98	85-119	4	0-12

M = Matrix Spike / Matrix Spike Duplicate

Reviewed

Approved

The samples were received by Thermo Analytical in a chilled state, intact and accompanied by the Chain-of-Custody Record.
Acceptance of samples by Thermo Analytical 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.

A division of Thermo Process Systems Inc., a Thermo Electron company

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	DW031495		

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	ND	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	3,200	40
cis-1,2-Dichloroethene	156-59-2	ND	20
trans-1,2-Dichloroethene	156-60-5	ND	20

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/24/95
		Physical State:	Liquid
Sample ID:	DW031495		

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	61	20
Toluene	108-88-3	3,400	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	3,900	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	380	20
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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	TB031495		

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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220	Lab P.N.:	L1777
	Irvine, California 92715	Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	TB031495		

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 acetate	108-05-4	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

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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	EB031495		

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
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	3/29/95
Client Address:	17310 Redhill Avenue, Suite #220 Irvine, California 92715	Lab P.N.:	L1777
		Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	3/14/95
Project Address:	N/A	Date Analyzed:	3/22/95
		Physical State:	Liquid
Sample ID:	EB031495		

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 acetate	108-05-4	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.

TMA
Thermo Analytical

APPENDIX C

GROUNDWATER PURGE AND SAMPLE FORMS

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-1S

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

STATIC WATER LEVEL (FT): 67.82 MEASURING POINT DESCRIPTION: TOP OF CASING

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

TIME START PURGE: 1305 PURGE DEPTH (FT)

TIME END PURGE: 1314

TIME SAMPLED: 1324

COMMENTS: LATE START DUE TO CHANGING PUMP

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 X CASING VOLUME (GAL)
	91		67.82		23.18		0.16	0.64	1.44		11

TIME	2	8	9	10	11	12	
VOLUME PURGED (GAL)	1307	1310	1311	1312	1313	1314	
PURGE RATE (GPM)	2	2	2	2	2	2	
TEMPERATURE (°C)	79.4	78.7	78.6	78.1	77.9	78.2	
pH	7.14	7.32	7.17	7.17	7.18	7.19	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1535	1588	1586	1542	1513	1509	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	SILTY/ BROWN	SILTY/ BROWN	SILTY/ BROWN	SILTY/ BROWN	SILTY/ BROWN	SILTY/ YELLOW	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consult**

PROJECT NAME: DAC WELL NUMBER: WCC-15

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

SAMPLE DATA:

TIME SAMPLED: 1324 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMENTS
WCC15-12	4	VOA	HCl	N	40 ml	Y	BR	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 12 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, WARM

TEMPERATURE (SPECIFY °C OR °F): 75

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING
Job File: 944016.00
Other:

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAG WELL NUMBER: WCC-23

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

STATIC WATER LEVEL (FT): 67.66 MEASURING POINT DESCRIPTION: Top of Casing

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

TIME START PURGE: ~~1347~~ 1349 PURGE DEPTH (FT) 75'

TIME END PURGE: 1401

TIME SAMPLED: 1415

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 x CASING VOLUME (GAL)
	88.80		67.66		21.14		0.16	0.64	1.44		41

TIME	1351	1353	1355	1357	1358	1359	1400
VOLUME PURGED (GAL)	10	20	30	35	40	45	50
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	79.5	78.2	77.3	76.9	76.3	76.0	75.7
pH	7.60	7.49	7.47	7.41	7.36	7.35	7.34
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1339	1249	1188	1164	1157	1144	1136
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	CL	CL	CL	CL	CL	CL
ODOR	N	N	N	N	N	N	N
DEPTH OF PURGE INTAKE (FT)	75	75	75	75	75	75	75
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-2S

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1415 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: STAINLESS STEEL BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCC2S-12	4	VOA	HCl	N	40 ml	CL	CL	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, SLIGHT WIND

TEMPERATURE (SPECIFY °C OR °F): 70°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

F-43.2 (5-89)

#1

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WC-35

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 68.41

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE

PURGE METHOD: REDI-FLOW

TIME START PURGE: 1354

PURGE DEPTH (FT) 75

TIME END PURGE: 1404

TIME SAMPLED: 1414

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	=	3X CASING VOLUME (GAL)
	92	-	68.41	=	23.6	X	0.16	0.64	1.44	=	45

TIME	1356	1358	1400	1401	1402	1403	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	76.4	75.5	75.3	75.1	75.1	74.8	
pH	6.70	6.74	6.75	6.76	6.75	6.77	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2260	1839	1725	1646	1568	1496	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLR	CLR	CLR	CLR	CLR	CLR	
ODOR	Y	Y	Y	Y	Y	Y	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Con:**

PROJECT NAME: DAC WELL NUMBER: WCC-35

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

SAMPLE DATA:

TIME SAMPLED: 1414 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMM
WCC35-12	4	VOA	HCl	N	40ml	N	CL	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, WARM

TEMPERATURE (SPECIFY °C OR °F): 75

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-45

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

STATIC WATER LEVEL (FT): 66.92 MEASURING POINT DESCRIPTION: TOP OF CASING

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

TIME START PURGE: 1047 PURGE DEPTH (FT) 75

TIME END PURGE: 1059

TIME SAMPLED: 1110

COMMENTS: SLIGHT SHEEN @ 10 gal., 20 gal., 30 gal.

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	=	3x CASING VOLUME (GAL)
	91.5	-	66.92	=	24.58	X	0.16	0.64	1.44	=	47

TIME	1049	1051	1053	1055	1056	1057	1058
VOLUME PURGED (GAL)	10	20	30	35	40	45	50
PURGE RATE (GPM)	5	5	5	5	5	5	5
TEMPERATURE (°C)	77.9	77.9	77.9	77.1	77.2	77.0	77.5
pH	7.35	7.37	7.27	7.29	7.29	7.30	7.29
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1450	1296	1197	1119	1093	1065	1054
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	SLIGHT/CLR	SLIGHT/CLR	CLR	CLR.	CLR	CLR	CLR
ODOR	N	N	N	N	N	N	N
DEPTH OF PURGE INTAKE (FT)	70	70	70	70	70	70	70
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Con**

PROJECT NAME: DAC WELL NUMBER: WCC-45

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1110 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: STAINLESS STEEL BAILER

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMM
WCC45-12	4	VOA	HCl	N	40 ml	N	CL	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR (°F)) 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: SARAH BARTLING

Job File: 944016.00

Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-55

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 65.41

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe

PURGE METHOD: Redi-Flow

TIME START PURGE: 1010

PURGE DEPTH (FT) 75

TIME END PURGE: 1020

TIME SAMPLED: 1030

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 CASING VOLUME (GAL)
	89.35		65.91		23.94		0.16	0.64	1.44		46

TIME	1012	1014	1016	1017	1018	1019	1020
VOLUME PURGED (GAL)	10	20	30	35	40	45	50
PURGE RATE (GPM)	5	5	5	5	5	5	5
TEMPERATURE (°C)	77.5	76.6	76.5	76.8	76.4	76.8	76.7
pH	7.95	7.59	7.44	7.46	7.32	7.37	7.36
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1467	1426	1408	1368	1362	1336	1334
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	CL	CL	CL	CL	CL	CL
ODOR	N	N	N	N	N	N	N
DEPTH OF PURGE INTAKE (FT)	80	80	80	80	80	80	80
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							3+
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-55

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1030 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: Stainless Steel Point Baler

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCC55-12	4	VOA	HCl	N	40 ml	cl	cl	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS: RAINWATER HAS LEAKED INTO KELLY BOX

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR °F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLINE
Job File: 944016.00
Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3/15/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-6S

PROJECT NUMBER: 94406.00 PERSONNEL: RAP

STATIC WATER LEVEL (FT): 68.31 MEASURING POINT DESCRIPTION: TOP of CASING

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

TIME START PURGE: 1433 PURGE DEPTH (FT) 75'

TIME END PURGE: 1444

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	=	3 X CASING VOLUME (GAL)
	91		68.31		22.7		0.16	0.64	1.44		44

TIME	1435	1437	1440	1441	1442	1443	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	75.2	75.2	75.2	75.0	74.5	74.7	
pH	6.99	6.95	6.95	6.93	6.92	6.93	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1567	1426	1407	1385	1386	1377	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLEAR	CLEAR	CLEAR	CL	CLEAR	CLR	
ODOR	Y	Y	Y	Y	Y	Y	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-63

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P

SAMPLE DATA:

TIME SAMPLED: 1455 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCC65-12	3	VOA	HCl	N	40 ml	~~[illegible]~~ CLEAR	~~[illegible]~~ CLEAR	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: ~~YES~~ NO → NO LOCK

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

297-8223

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

F 42.2 (5-89)

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-~~B~~ 7S

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 65.83

MEASURING POINT DESCRIPTION: TOP OF CASING

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE

PURGE METHOD: REDI-FLOW

TIME START PURGE: ~~[illegible]~~ 0938

PURGE DEPTH (FT) 75

TIME END PURGE: 0950

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	=	3x CASING VOLUME (GAL)
	90.5		65.83		24.67		0.16	0.64	1.44		48

TIME	0940	0942	0944	0945	0946	0947	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (~~C~~ F)	78.4	77.2	76.9	76.7	76.6	76.4	
pH	7.52	7.50	7.36	7.35	7.34	7.40	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	996	924	902	894	885	878	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLR	CLR	CLR	CLR	CLR	CLR	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-73

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1000 COMMENTS:

DEPTH SAMPLED (FT): 70 1

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
~~4~~	~~[illegible]~~									
WCC73-12	4	VOA	HCl	N	40ml	N	CLR	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, WARM

TEMPERATURE (SPECIFY °C OR (°F)): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: S BARTLING

Job File: 944016.00

Other:

F-43.2 (5-89)

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-8S

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 67.85

MEASURING POINT DESCRIPTION: TOP OF CASING

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE

PURGE METHOD: REDI-FLOW

TIME START PURGE: 1016

PURGE DEPTH (FT)

TIME END PURGE: 1027

TIME SAMPLED: 1035

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 X CASING VOLUME (GAL)
	90.0		67.9		22.1		0.16	0.64	1.44		42

TIME	1018	1020	1023	1024	1025	1026	1027
VOLUME PURGED (GAL)	10	20	30	35	40	45	50
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	80.4	79.0	76.9	76.7	76.8	76.7	76.9
pH	7.15	7.04	7.01	7.03	7.00	6.98	6.98
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1681	1663	1624	1604	1590	1560	1540
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLR	CLR	CLR	CLR	CLR	CLR	CLR
ODOR	N	N	N	N	N	N	N
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-8S

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

SAMPLE DATA:

TIME SAMPLED: 1035 COMMENTS:

DEPTH SAMPLED (FT): 70'

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCC8S-12	4	VOA	HCl	N	40 ml	CLR	CLR	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR °F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARTLING
Job File: 944016.00
Other:

F-43 2 (5-89)

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: [redacted] WCC - 9S

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

STATIC WATER LEVEL (FT): 64.42 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electronic Probe PURGE METHOD: REDIFLOW

TIME START PURGE: 1055 PURGE DEPTH (FT) 80'

TIME END PURGE: 1110

TIME SAMPLED: 1125

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 CASING VOLUME (GAL)
	89.2		64.42		24.78		0.16	0.64	1.44		48

TIME	1058	1100	1103	1105	1106	1107	1109
VOLUME PURGED (GAL)	10	20	30	40	45	50	55
PURGE RATE (GPM)	5	5	5	5	5	5	5
TEMPERATURE (°C)	79.7	79.0	78.4	78.0	78.2	77.2	77.0
pH	7.52	7.39	7.40	7.34	7.37	7.33	7.31
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1461	1088	1042	1053	990	980	976
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	CL	CL	CL	CL	CL	CL
ODOR	N	N	N	N	N	N	N
DEPTH OF PURGE INTAKE (FT)	80	80	80	80	80	80	80
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC - 95

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1125 COMMENTS:

DEPTH SAMPLED (FT): 70 ft

SAMPLING EQUIPMENT: Stainless Steel Bailer

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCCGS-12	4	VOA	HCl	N	40ml	CL	CL	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 55 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, WINDY

TEMPERATURE (SPECIFY °C OR °F): 65°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-103

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

STATIC WATER LEVEL (FT): 67.69 MEASURING POINT DESCRIPTION: N. TOP of CASING

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

TIME START PURGE: 1301 PURGE DEPTH (FT) 75'

TIME END PURGE: 1312

TIME SAMPLED: 1325

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 X CASING VOLUME (GAL)
	89.6		67.69		21.91		0.16	0.64	1.44		42

TIME	1303	1305	1307	1309	1310	1312	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	76.3	75.9	76.5	76.3	76.1	76.0	
pH	7.42	7.32	7.38	7.37	7.34	7.30	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	869	883	890	885	886	884	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	CL	CL	CL	CL	CL	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75'	75'	75'	75'	75'	75'	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAG WELL NUMBER: WCC-105

PROJECT NUMBER: 94/016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1325 COMMENTS:

DEPTH SAMPLED (FT): 70 PL

SAMPLING EQUIPMENT: STAINLESS STEEL BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCC105-12	4	VOA	HCl	N	40ml	CL	CL	Y	8240/ 8260	
DUP03/13/94	4	VOA	HCl	N	40ml	CL	CL	Y	8240/ 8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 45 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR °F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLINE

Job File: 94/016.00

Other:

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-115

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 66.45

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe

PURGE METHOD: REDI-FLOW

TIME START PURGE: 1446

PURGE DEPTH (FT) 75

TIME END PURGE: 1456

TIME SAMPLED: 1510

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 X CASING VOLUME (GAL)
	89.30		66.45		22.85		0.16	0.64	1.44		44

TIME	1448	1450	1452	1453	1454	1455	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	77.0	74.5	73.7	73.4	73.2	73.0	
pH	7.36	7.24	7.28	7.30	7.26	7.27	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1368	1316	1276	1243	1231	1209	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CLR	CLR	CLR	CLR	CLR	CLR	
ODOR	NO	NO	NO	NO	NO	NO	
DEPTH OF PURGE INTAKE (FT)	75						
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Con**

PROJECT NAME: DAC WELL NUMBER: WCC-115

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1510 COMMENTS:

DEPTH SAMPLED (FT): 70 ft

SAMPLING EQUIPMENT: STAINLESS STEEL BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COM-
WCC115-12	4	VOA	HCl	N	40ml	N	CL	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, SLIGHT WIND

TEMPERATURE (SPECIFY °C OR °F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING
Job File: 944016.00
Other:

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-~~125~~ 125

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 66.19

MEASURING POINT DESCRIPTION: TOP OF CASING

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE

PURGE METHOD: REDI-FLOW

TIME START PURGE: 858

PURGE DEPTH (FT) 75'

TIME END PURGE: 908

TIME SAMPLED: 920

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 X CASING VOLUME (GAL)
	90.5		66.19		24.31		0.16	0.64	1.44		47

TIME	900	902	904	905	906	907	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	76.4	76.3	76.1	75.8	75.6	75.3	
pH	7.63	7.58	7.64	7.48	7.41	7.40	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1218	1045	1039	1041	1049	1040	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	SLIGHT	SLIGHT	SLIGHT+	SLT	SLIGHT	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Con**

PROJECT NAME: DAC WELL NUMBER: WOC-125

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 920 COMMENTS:

DEPTH SAMPLED (FT): 70 Ft

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAINERS	CONTAINER TYPE	PRESERVATIVE	FIELD FILTRATION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUSTODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMM
WOC75-12	4	VOA	HCl	N	40ml	N	CL	Y	Fixed 60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal. COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: YES NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: YES NO

WELL CASING OK?: YES NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, WARM

TEMPERATURE (SPECIFY °C OR °F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

F 43.2 (5.89)

Groundwater Purge and Sample Form Date: 3/14/85 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: DAC-P1

PROJECT NUMBER: 744016.00 PERSONNEL: RAP

STATIC WATER LEVEL (FT): 68.85 MEASURING POINT DESCRIPTION: TOP OF CASING

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

TIME START PURGE: 1530 PURGE DEPTH (FT) 75

TIME END PURGE:

TIME SAMPLED:

COMMENTS: 1534 - STOP PURGE;
1539 - RESTART PURGE

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 x CASING VOLUME (GAL)
	90	-	68.85	=	21.15	X	0.16	0.64	1.44	=	41

TIME	1532	1541	1543	1544	1545	1546	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	76.0	75.2	75.3	74.9	74.7	74.6	
pH	~~[illegible]~~ 7.09	7.12	7.18	7.14	7.11	7.11	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2020	1931	1860	2040	2080	2090	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR							
ODOR							
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 3/15/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: DAC-P1

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1605 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMEN
DACP1-12	3	VOA	HCl	N	40 ml	N	N	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR, WINDY

TEMPERATURE (SPECIFY °C OR °F): 70

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

Groundwater Purge and Sample Form Date: 3/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-1D

PROJECT NUMBER: 944016.00

PERSONNEL: RAP

STATIC WATER LEVEL (FT): 67.81

MEASURING POINT DESCRIPTION: N. TOP of CASING

WATER LEVEL MEASUREMENT METHOD: ELEC. PROBE

PURGE METHOD: REDI-FLOW

TIME START PURGE: 1145

PURGE DEPTH (FT) 95

TIME END PURGE: 1215

TIME SAMPLED: 1230

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 X CASING VOLUME (GAL)
	135.50		67.81		67.69		0.16	0.64	1.44		130

TIME	1147	1156	1206	1210	1212	1214	
VOLUME PURGED (GAL)	10	50	100	120	130	135	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C) (°F)	78.9	79.0	80.0	79.5	79.3	77.8	
pH	7.72	7.74	[redacted]	7.65	7.67	7.64	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	705	694	687	669	664	659	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	CL	CL	CL	CL	CL	CL	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	95	95	95	95	95	95	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: _____ **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-1D

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1225 COMMENTS:

DEPTH SAMPLED (FT): 80 ft

SAMPLING EQUIPMENT: STAINLESS STEEL BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMME
WCC1D-12	4	VOA	HCl	N	40ml	CL	CL	Y	8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 130 GAL COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL):

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR °F): 70°F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING

Job File: 944016.00

Other:

F 43.2 (5 89)

Groundwater Purge and Sample Form Date: 3/14/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: WCC-3D

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

STATIC WATER LEVEL (FT): 68.45 MEASURING POINT DESCRIPTION: TOP OF CASING

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

TIME START PURGE: 1138 PURGE DEPTH (FT) 120

TIME END PURGE: 1210

TIME SAMPLED: 1225

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)
	140		68.45		71.55		0.16	0.64	1.44		137

TIME	1140	1150	1200	1202	1204	1206	1209
VOLUME PURGED (GAL)	10	50	100	110	120	130	140
PURGE RATE (GPM)	~~[illegible]~~ 5	4	5	5	5	5	
TEMPERATURE (~~°C~~) °F	77.8	75.3	74.3	74.0	74.1	73.7	73.8
pH	7.54	7.55	7.56	7.57	7.58	7.58	7.57
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	760	697	677	675	676	671	668
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	SLIGHT SHEEN/CLEAR	SLIGHT SHEEN	SL SH.	SLT. SHEN.	SLIGHT SHEEN	SLIGHT SHEEN	CLEAR NO SHEEN
ODOR	N	N	N	N	N	N	N
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: 3/14/95 **Kennedy/Jenks Consu**

PROJECT NAME: DRC WELL NUMBER: WCC-3D

PROJECT NUMBER: 944016.00 PERSONNEL: R.A.P.

SAMPLE DATA:

TIME SAMPLED: 1225 COMMENTS:

DEPTH SAMPLED (FT): 80'

SAMPLING EQUIPMENT: STAINLESS BAILER

SAMPLE NO.	NO. OF CONTAIN-ERS	CON-TAINER TYPE	PRESER-VATIVE	FIELD FILTRA-TION	VOLUME FILLED (ml or L)	TURBIDITY	COLOR	SHIPPED UNDER CHAIN-OF-CUS-TODY AT 4°C?	ANALYSIS REQUEST (METHOD)	COMMEN
WCC30-125	3	VOA	HCl	N	40 ml	N	cl	Y	8240/8260	—
DUP031495	3	VOA	HCl	N	40 ml	N	cl	Y	8240/8260	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 145 COMMENTS:

DISPOSAL METHOD: ON-SITE

DRUM DESIGNATION(S)/VOLUME PER (GAL): N/A

WELL HEAD CONDITIONS CHECKLIST (CIRCLE YES OR NO - IF NO, ADD COMMENTS):

WELL SECURITY DEVICES OK (BOLLARDS, CHRISTY LID, CASING LID AND LOCK)?: (YES) NO

INSIDE OF WELL HEAD AND OUTER CASING DRY?: (YES) NO

WELL CASING OK?: (YES) NO

COMMENTS:

GENERAL:

WEATHER CONDITIONS: CLEAR

TEMPERATURE (SPECIFY °C OR °F): 75

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

cc: Project Manager: S. BARTLING
Job File: 944016.00
Other:

APPENDIX D

CHAIN-OF-CUSTODY RECORDS

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING
19201 Dearborn Ave., Suite 130
Santa Ana, CA 92705
Tel 714 757 7022
Fax 714 757 7274

Chain-Of-Custody Record

Client: KENNEDY/JENKS
Date: 13 MAR 95
Project Name: DAC
Client Project #: 944016.00
Project Address: 17310 REDHILL AVE. #220, IRVINE 92663
Turn Around Requested: [ ] Immediate Attention [ ] Rush 24-48 Hours [ ] Rush 72-96 Hours [X] Normal [ ] Mobile Lab
Project Contact: SARAH BARTLING/RICK PASTURE
TTL Project #: 4772
Page: 1 of 1
Lab Use Only: Sample Condition as Received: Chilled [ ] yes [ ] no; Sealed [ ] yes [X] no

Analysis Requested: 8240/8260

Sample ID	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A)	8240/8260	Number of Containers	Container/Comments
WCC5S-12		3/13/95	1030	L177201	A	X	4	x 40 ml VOA
WCC9S-12		3/13/95	1125	02	A	X	4	x 40 ml VOA
WCC1D-12		3/13/95	1230	03	A	X	4	x 40 ml VOA
WCC10S-12		3/13/95	1325	04	A	X	4	x 40 ml VOA
WCC2S-12		3/13/95	1415	05	A	X	4	x 40 ml VOA
WCC11S-12		3/13/95	1510	06	A	X	4	x 40 ml VOA
DW031395		3/13/95	N/A	07	A	X	4	x 40 ml VOA
TB031395		3/13/95	N/A	08	A	X	1	x 40 ml VOA

❶ Relinquished by (signature): R A Pasture	Date: 3/13/95	❷ Received by (signature):	Date:
Company: KENNEDY/JENKS	Time: 5:05 PM	Company:	Time:
❸ Relinquished by (signature):	Date:	❹ Received by Laboratory (signature):	Date: 3/13/95
Company:	Time:	Company: TTL	Time: 5:05 pm

Total Number of Containers:

Additional Comments:

BOE-C6-0065739

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING
1920 E. Deere Ave., Suite 130
Santa Ana, CA 92705
Tel 714.757.7022
Fax 714.757.7274

Chain-Of-Custody Record

Client: KENNEDY/JENKS CONSULTANTS
Date: 3/14/95
Project Name: DPC
Client Project #: 94-0016.00
Project Address: 17310 REDHILL AVE #200, IRVINE 92714
Project Contact: SUSAN BARTLING / RICK PASTORE
Turn Around Requested:
- [ ] Immediate Attention
- [ ] Rush 24-48 Hours
- [ ] Rush 72-96 Hours
- [x] Normal
- [ ] Mobile Lab

TTL Project #: L1777
Page 1 of 2
Lab Use Only
Sample Condition as Received:
Chilled [x] yes [ ] no
Sealed [ ] yes [ ] no

Analysis Requested: EPA Method 8240/8260

Sample ID	Sample ~~Location~~ ID	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A)	EPA Method 8240/8260								Number of Containers	Container/Comments
	WCC125-12	3/14/95	920	L177701	A	X								4	40ml VOA
	WCC75-12	3/14/95	0950	02	A	X								4	
	WCC85-12		1035	03	A	X								4	
	WCC45-12		1110	04	A	X								4	
	WCC30-12		1225	05	A	X								3	
	WCC15-12		1324	06	A	X								4	
	WCC35-12		1414	07	A	X								4	
	WCC65-12		1455	08	A	X								3	
	DPCP1-12		1605	09	A	X								3	
	EB031495			10	A	X								2	
														35	Total Number of Containers

❶ Relinquished by (signature): [signature]	Date: 3/14/95	❷ Received by (signature):	Date:
Company: KENNEDY/JENKS	Time: 1800	Company:	Time:
❸ Relinquished by (signature):	Date:	❹ Received by Laboratory (signature): [signature]	Date: 3/14/95
Company:	Time:	Company: TTL	Time: 18:00

Additional Comments:

BOE-C6-0065740

CHAIN-OF-CUSTODY RECORD

Client KENNEDY / JENKS

Date

Page 2 of 2

Project Name 7310 REDHILL AVE.

Client Reference #

Lab Use Only
Lab Job # L1777
C.O. #
C.O. #
C.O. #
C.O. #

Project Address

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

Project Contact (please print) SARAH BARTLING

Sample Condition Upon Receipt:
Chilled ☑ yes ☐ no
Sealed ☐ yes ☑ no

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

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	EPA 8240/8260								Number of Containers	Container/Comments	Lab Sample Number
DW031495		~~3/14~~ 3/14/95	—	L	X								3	x 40 ml VOA	L1777-11
TB031495		3/14/95	—	L	X								3	x 40ml VOA	↓ -12

❶ Relinquished by (signature)* [signature]	❷ Received by (signature)	Date 3/14/95	6 Total Number of Containers
Company KENNEDY/JENKS	Company	Time 1800	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature) [signature]	Date 3/14/95	
Company	Laboratory Name TTL	Time 18:00	

Special Instructions

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

TERRA TECH LABS

Corporate Office
1920 E. Deere Ave.
Santa Ana, CA 92705
Tel 714.757.7022 800.377.2322
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3902 E. University Drive, Suite 4
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Tel 602.437.9367 Fax 602 437 9362

BOE-C6-0065741