GROUNDWATER MONITORING DATA SUMMARY REPORT SECOND QUARTER 1995

DOUGLAS AIRCRAFT COMPANY C-6 FACILITY
TORRANCE, CALIFORNIA

K/J 944016.01

JULY 1995

Kennedy/Jenks Consultants

GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER, 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 12 and 13 June 1995, Second Quarter 1995.

2.0 QUARTERLY MONITORING PROGRAM

Second Quarter 1995 groundwater sampling was performed in accordance with standard sampling procedures. Static water level depths were measured on 12 June 1995 prior to initiating purging of groundwater from any observation wells. Static water depths on monitoring wells, MW-18 and MW-19 located in the southern portion of the DAC property installed for the Montrose Chemical Corporation Remedial Investigation were measured for this quarter. However, Montrose monitoring wells MW-8 and MW-9 could not be opened and were not measured.

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

presented in Figure 4. Historical chemical concentration profiles for the indicator chemicals trichloroethene and 1,1-dichloroethene are shown in Figure 5. Copies of laboratory data sheets, laboratory/field Quality Control data sheets, groundwater purge and sample forms, and Chain-of-Custody records are included in Appendices A, B, C, and D respectively.

2.1 Groundwater Sampling Procedures

Prior to collecting groundwater samples from each well, groundwater was purged using an electrical submersible pump that was temporarily installed in the observation well. 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 12 and 13 June 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-061295 and DW-061395). No further sample identification was provided to the laboratory. Samples DW-061295 and DW-061395 were taken from observation wells WCC-9S and WCC-7S, respectively.

For quality conrol purposes, 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 trip 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 12 June 1995 (Table 4 and Appendix C). The shallow zone groundwater elevations over the C-6 facility range from 15.83 feet below mean sea level (MSL) to 17.93 feet below MSL. An estimated potentiometric surface map for the shallow zone as measured on this day is presented as Figure 4. Water level measurements show an average increase of 0.5 feet over the DAC C-6 facility since the April 1995 quarterly monitoring. 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. Only two of the Montrose monitoring wells MW-18 and MW-19 could be measured. The other two (MW-8 and MW-9) could not be opened. The Montrose wells are screened across the shallow zone. Groundwater elevations in MW-18 and MW-19 are 18.91 and 18.06 feet below MSL, respectively. These elevations are consistent with the south-southeasterly gradient shown in Figure 4.

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 16.06 and 17.40 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

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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:

- 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).

- Carbon disulfide was detected for the first time in monitoring wells WCC-ID, WCC-5S, WCC-7S and WCC-10S. Concentrations ranged from 2.2 to 37 mg/L. The highest concentration was observed in a duplicate of sample WCC-7S. However, the concentration of carbon disulfide in WCC-7S sample was 8.7 ug/L. Monitoring for carbon disulfide will continue and trends will be noted.

- WCC-6S data showed significant increase in 1,1-DCE, 1,1,1-TCA, cis-1,2-DCE, and toluene compared to concentrations observed last quarter. However, last quarter's data was relatively low, and this quarter's data is more consistent with other historical data. Concentrations of 1,1-DCE and cis-1,2-DCE in this well have shown a general increase since February of 1994.

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

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

TABLES

OBSERVATION WELL CONSTRUCTION DETAILS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER, 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.01

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

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TABLE 1 (Continued)
OBSERVATION WELL CONSTRUCTION DETAILS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER, 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.01

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
SECOND 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
	6/13/95	2,700	20	<20	3,200	<200	29	31	<20	45	<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
	6/12/95	30	<2	<2	130	<20	<2	<2	<2	<2	<2	<40

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

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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
	6/13/95	22,000	450	4,800	1,200	6,600	6,300	500	<400	<400	39,000	<8000
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
	6/13/95	1,100	8.6	<6.6	1,100	<66	7.9	<6.6	<6.6	7.1	<6.6	<130

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

TABLE 2
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SECOND 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-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
	6/12/95	19	<2	<2	3.2	<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
	6/13/95	9,800	130	810	510	450	4,200	180	28	82	8,400	<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
SECOND 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
	*6/13/95	110/98	<2/<2	<2/<2	230/220	<20/<20	<2/<2	<2/<2	<2/<2	<2/<2	<2/<2	<40/<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
	6/13/95	4,200	<40	150	2,400	<400	<40	<40	<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
SECOND 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
	*6/12/95	<4/<4	<2/<2	<2/<2	23/21	<20/<20	<2/<2	<2/<2	6.4/6	<2/<2	<2/<2	<40/<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
	6/12/95	20	<2	<2	140	<20	<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
SECOND 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
	6/12/95	22	<2	<2	130	<20	6.0	<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
	6/12/95	72	28	<2	330	<20	<2	<2	3.2	<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
SECOND 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
	6/13/95	<400	<200	<200	18,000	<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
	6/13/95	170	<2	<2	21	<20	2	<2	<2	<2	<2	<40

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MAJOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND 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
	6/13/95	1,800	<10	2,100	200	<100	<10	<10	<10	<10	1,700	<200

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

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 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
	6/13/95	<400	<20	<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
SECOND 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
	6/12/95	<40	<2	<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
	6/13/95	<8,000	<400	<400	<2,000	<400	<800	<400	<400	<400	<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
SECOND 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
	6/13/95	<130	<6.6	<6.6	<33	<6.6	<13	<6.6	<6.6	<6.6	<6.6
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
	6/12/95	<40	<2	<2	<10	<2	<4	<2	2.2	<2	<2

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

TABLE 3
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GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND 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
	6/13/95	<400	<20	<20	<100	<20	60	<20	<20	<20	51
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
	*6/13/95	<40/<40	<2/<2	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	8.7/37	<2/<2	<2/<2

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TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND 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-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
	6/13/95	<800	<40	<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
	*6/12/95	<40/<40	<2/<2	<2/<2	<10/<10	<2/<2	<4/<4	<2/<2	<2/<2	<2/<2	<2/<2

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

TABLE 3
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 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
	6/12/95	<40	<2	<2	<10	<2	<4	<2	17	<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
	6/12/95	<40	<2	<2	<10	<2	<4	<2	<2	<2	<2

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

TABLE 3
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GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND 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-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
	6/12/95	<40	<2	<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
	6/13/95	<4,000	<200	<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
SECOND 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-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
	6/13/95	<40	<2	<2	<10	<2	<4	<2	3.1	<2	<2
WCC-3D	07/25/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	11/14/91	-	-	-	-	-	-	-	-	-	-
	06/16/92	<30	-	-	-	-	-	-	-	-	-
	09/22/92	<5	<1	1	8	<1	<1	<1	<1	<1	<1
	12/07/92	<5	<1	<1	1	<1	<1	<1	<1	<1	<1
	*03/16/93	<10/<10	<2/<2	<5/<5	<10/<10	<5/<5	<2/<2	<2/<2	<5/<5	<2/<2	<2/<2
	06/08/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	08/24/93	<40	<2	<2	<4	<2	<4	<2	<2	<2	<2
	*11/18/93	<40/<80	<2/<4	<2/<4	<10/<20	<2/<4	<4/<8	<2/<4	<2/<4	<2/<4	<2/<4
	2/23/94	<80	<4	<4	<20	<4	<8	<4	<4	<4	<4
	6/13/94	<200	<30	<10	<50	<10	<20	<10	<10	<10	<10
	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
	6/13/95	<200	<10	<10	<50	<10	<20	<10	<10	<10	<10

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

TABLE 4

SUMMARY OF GROUNDWATER ELEVATION DATA
SECOND QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.01

Observation Well	Reference Point[1] Elevation (Feet Above MSL)[2]	Water Level Elevation (Feet Above Mean Sea Level)									
		4/9/93	6/7/93	8/24/93	11/18/93	2/23/94	6/10/94	9/8/94	12/21/94	3/13/95	6/12/95
WCC-1S	50.7	-18.79	-18.75	-18.25	-18	-17.61	-17.23	-17.25	-17.12	-17.12	-16.53
WCC-2S	50.59	-18.64	-18.63	-18.15	-17.87	-17.49	-17.07	-17.2	-17.17	-17.08	-16.37
WCC-3S	51.19	-18.83	-18.82	-18.36	-18.01	-17.67	-17.19	-17.31	-17.28	-17.22	-16.58
WCC-4S	49.69	-18.86	-18.78	-18.37	-18.16	-17.77	-17.32	-17.37	-17.31	-17.23	-16.61
WCC-5S	48.22	-18.83	-18.78	-18.38	-18.13	-17.78	-17.33	-17.33	-17.25	-17.19	-16.56
WCC-6S	50.95	-19.03	-18.97	-18.55	-18.32	-17.92	-17.48	NM*	-17.45	-17.36	-16.75
WCC-7S	48.29	-19.3	-19.23	-18.83	-18.6	-18.22	-17.82	-17.8	-17.74	-17.54	-17.03
WCC-8S	50.56	-18.69	-18.61	-18.19	-17.89	-17.49	-17.11	-17.14	-17.12	-17.29	-16.42
WCC-9S	47.01	-19.09	-19.09	-18.69	-18.42	-18.09	-18.63	-19.08	-17.51	-17.41	-16.79
WCC-10S	51.12	-18.42	-18.33	-17.83	-17.54	-17.07	-16.67	-17.03	-16.97	-16.56	-16.05
WCC-11S	49.97	-18.13	-18.04	-17.6	-17.36	-16.96	-16.45	-16.58	-16.63	-16.48	-15.83
WCC-12S	46.92	-19.26	-19.2	-18.78	-18.58	-18.13	-17.74	-17.79	-17.67	-17.63	-17.00
DAC-P1	52.44	-17.46	-17.38	-17.03	-16.76	-16.74	-16.6	-16.48	-16.25	-16.41	-15.94
WCC-1D	50.45	-19.1	-19	-18.53	-18.34	-17.83	-17.47	-17.66	-17.55	-17.36	-16.79
WCC-3D	51.18	-18.87	-18.85	-18.4	-18.18	-18	-17.39	-17.47	-17.42	-17.27	-16.67
MW-8[6]	49.09	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9[6]	48.67	NA	-20.58	NA	NA	NA	NA	NA	NA	NA	NA
MW-18[6]	50.29	NA	-20.88	NA	NA	NA	NA	NA	NA	NA	-18.91
MW-19[6]	46.55	NA	-20.13	NA	NA	NA	NA	NA	NA	NA	-18.06

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.

BOE-C6-0065769

TABLE 4

SUMMARY OF GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1995
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 944016.01

Observation Well	Reference Point[1] Elevation (Feet Above MSL)[2]	Water Level Elevation (Feet Above Mean Sea Level)				
		11/13/87[3]	10/18/89[4]	6/15/92	9/21/92	1/5/93
WCC-1S	50.7	-21.63	-19.48	-19.2	-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	NA5	-19.7	-19.13	-19.42	-19.32
WCC-6S	50.95	NA	-19.7	-19.4	-19.64	-19.5
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	-19.1
WCC-11S	49.97	NA	NA	-17.62	-18.81	-18.69
WCC-12S	46.92	NA	NA	-19.6	-19.9	-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

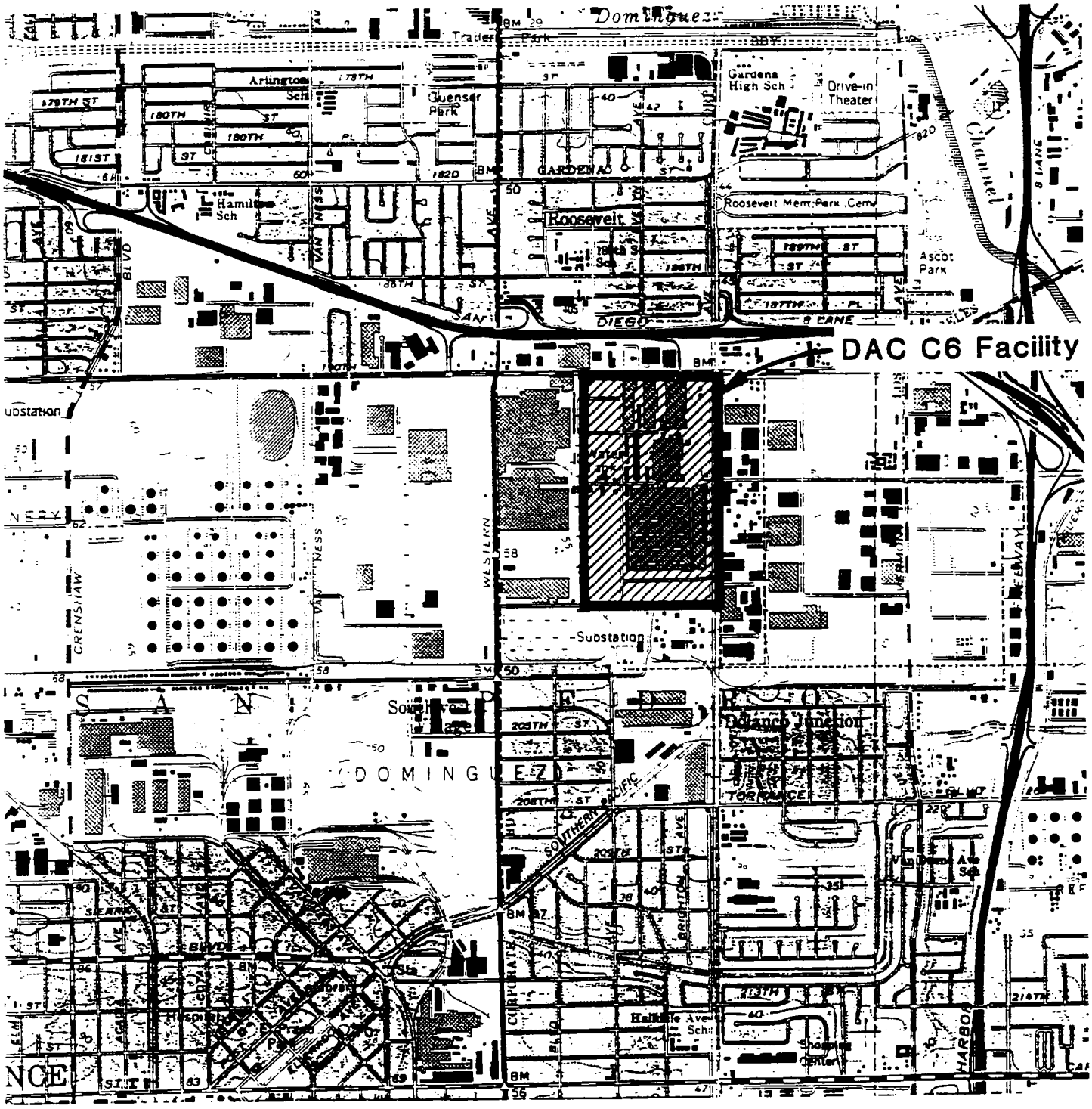
Notes:

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.

BOE-C6-0065770

FIGURES



N

0 1,000 2,000 FEET

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

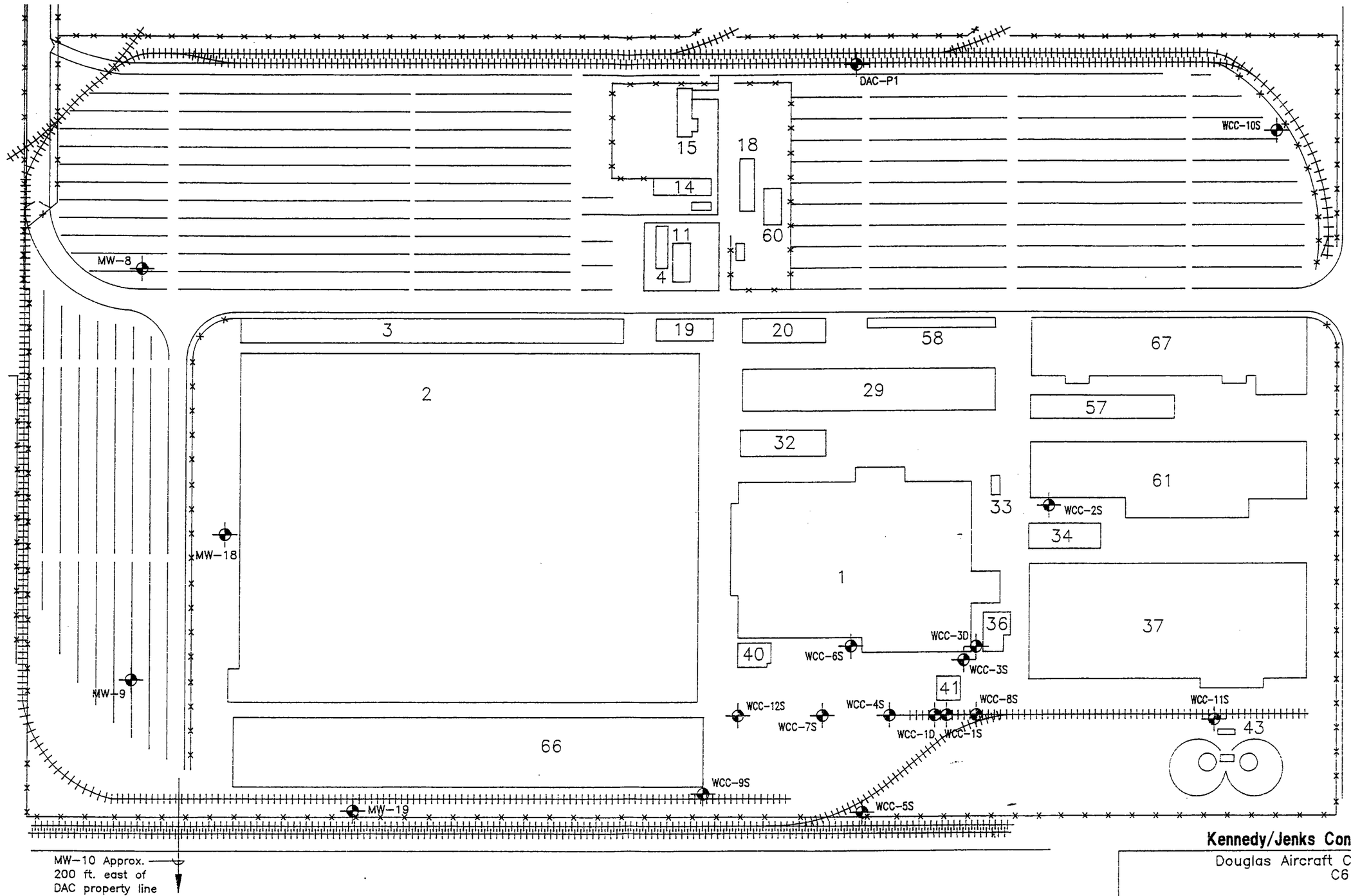
Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Site Vicinity Map

July 1995
K/J 944016.01

Figure 1



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

Kennedy/Jenks Consultants

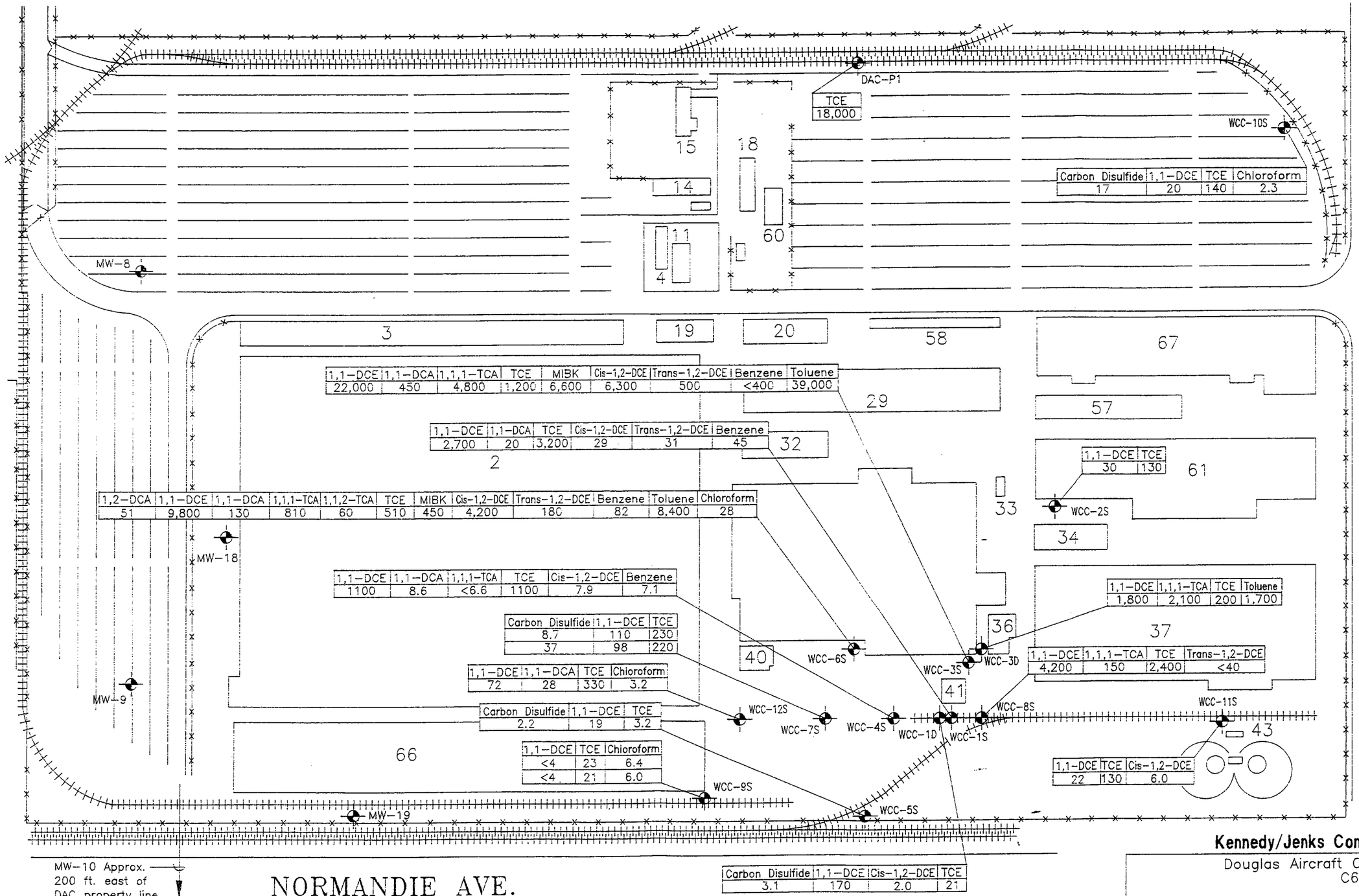
Douglas Aircraft Company
C6 Facility

Groundwater Observation Well Locations

July 1995
K/J 944016.01

Figure 2

BOE-C6-0065773



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-7S and WCC-9S.
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

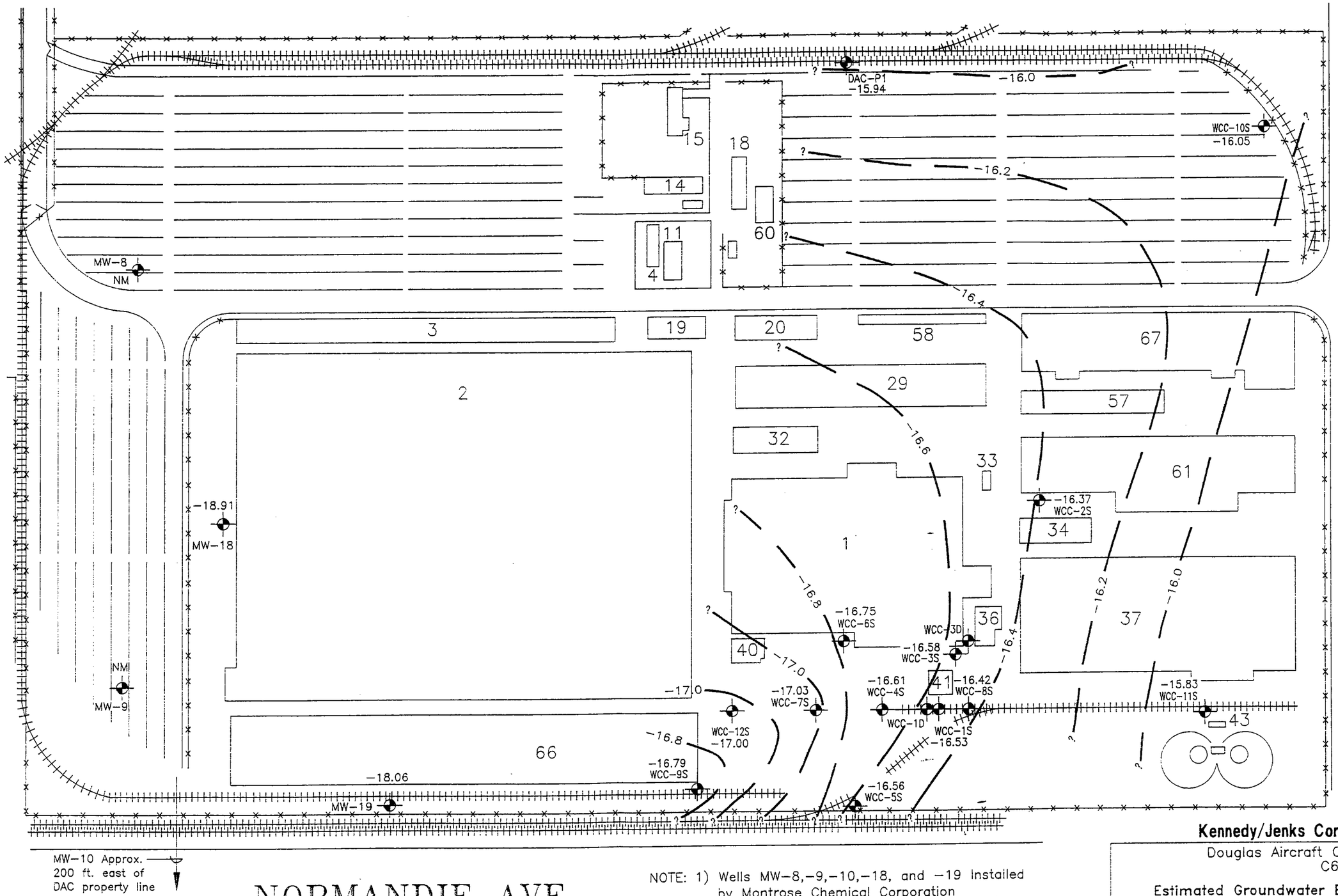
Douglas Aircraft Company
C6 Facility

Observation Well Chemical Concentrations June 1995 Sampling Event

July 1995
K/J 944016.01

Figure 3

BOE-C6-0065774



LEGEND

WCC-1S / -18.00 — Observation Well Location, Designation and groundwater elevation, feet MSL, measured 6/12/95.

NM — Not Measured

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.

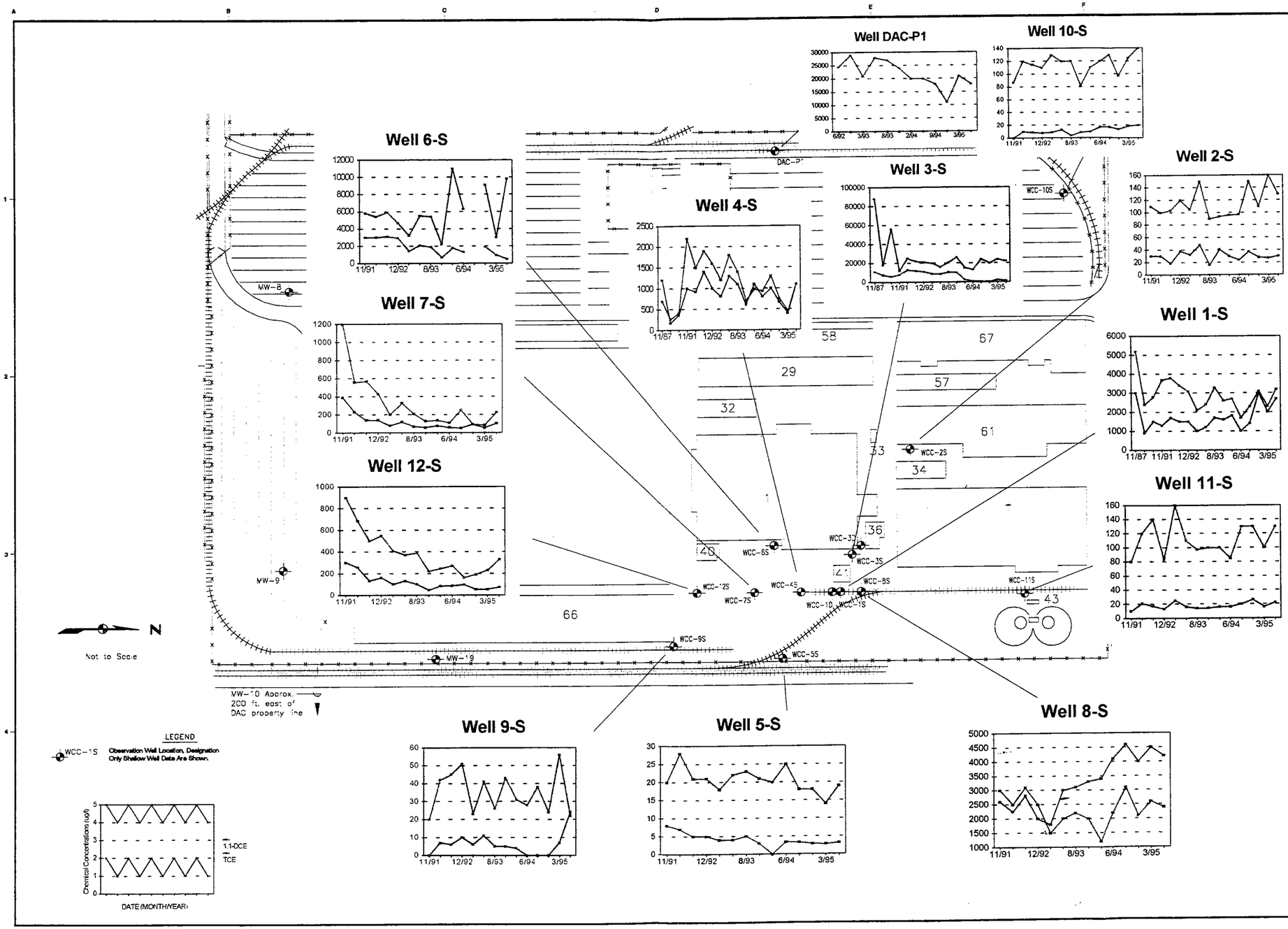
Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Estimated Groundwater Elevation Contour Map, Shallow Zone June 1995

July 1995
K/J 944016.01

Figure 4



Douglas Aircraft Company
C-6 Facility
Torrance, California

Kennedy/Jenks Consultants
Irvine, California

CHEMICAL CONCENTRATION PROFILES
November 1991 to June 1995

Scale: AS NOTED
Job No. 944016.01
CADD File No.
Designed
Drawn
Checked
Date
Sheet: 5

BOE-C6-0065776

APPENDIX A

LABORATORY DATA SHEETS

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC1S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
Acetone	67-64-1	ND	400
Benzene	71-43-2	45	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	20	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	2,700	40
cis-1,2-Dichloroethene	156-59-2	29	20
trans-1,2-Dichloroethene	156-60-5	31	20

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

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC1S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	3,200	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
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC2S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	30	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
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC2S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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
The Laboratory Results are only a portion of the Laboratory Report.

TMA Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC3S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
Acetone	67-64-1	ND	8,000
Benzene	71-43-2	ND	400
Bromobenzene	108-86-1	ND	400
Bromochloromethane	74-97-5	ND	800
Bromodichloromethane	75-27-4	ND	400
Bromoform	75-25-2	ND	400
Bromomethane	74-83-9	ND	800
2-Butanone	78-93-3	ND	8,000
n-Butylbenzene	104-51-8	ND	400
sec-Butylbenzene	135-98-8	ND	400
tert-Butylbenzene	98-06-6	ND	400
Carbon tetrachloride	56-23-5	ND	400
Carbon disulfide	75-15-0	ND	400
Chlorobenzene	108-90-7	ND	400
Chloroethane	75-00-3	ND	800
Chloroform	67-66-3	ND	400
Chloromethane	74-87-3	ND	800
2-Chlorotoluene	95-49-8	ND	400
4-Chlorotoluene	106-43-4	ND	400
Dibromochloromethane	124-48-01	ND	400
1,2-Dibromo-3-chloropropane	96-12-8	ND	800
Dibromomethane	74-95-3	ND	400
1,2-Dibromoethane	106-93-4	ND	400
1,2-Dichlorobenzene	95-50-1	ND	400
1,3-Dichlorobenzene	541-73-1	ND	400
1,4-Dichlorobenzene	106-46-7	ND	400
Dichlorodifluoromethane	75-71-8	ND	400
1,1-Dichloroethane	75-34-3	450	400
1,2-Dichloroethane	107-06-2	ND	400
1,1-Dichloroethene	75-35-4	22,000	800
cis-1,2-Dichloroethene	156-59-2	6,300	400
trans-1,2-Dichloroethene	156-60-5	500	400

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

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC3S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
1,2-Dichloropropane	78-87-5	ND	400
1,3-Dichloropropane	142-28-9	ND	400
2,2-Dichloropropane	594-20-7	ND	400
1,1-Dichloropropene	563-58-6	ND	400
cis-1,3-Dichloropropene	10061-01-5	ND	400
trans-1,3-Dichloropropene	10061-02-6	ND	400
Ethylbenzene	100-41-4	ND	400
Hexachlorobutadiene	87-68-3	ND	800
2-Hexanone	591-78-6	ND	4,000
Isopropylbenzene	98-82-8	ND	400
p-Isopropyltoluene	99-87-6	ND	400
Methylene chloride	75-09-2	ND	2,000
4-Methyl-2-pentanone	108-10-1	6,600	4,000
Naphthalene	91-20-3	ND	400
n-Propylbenzene	103-65-1	ND	400
Styrene	100-42-5	ND	400
1,1,1,2-Tetrachloroethane	630-20-6	ND	400
1,1,2,2-Tetrachloroethane	79-34-5	ND	400
Tetrachloroethene	127-18-4	ND	400
Toluene	108-88-3	39,000	400
1,2,3-Trichlorobenzene	87-61-6	ND	400
1,2,4-Trichlorobenzene	120-82-1	ND	400
1,1,1-Trichloroethane	71-55-6	4,800	400
1,1,2-Trichloroethane	79-00-5	ND	800
Trichloroethene	79-01-6	1,200	400
Trichlorofluoromethane	75-69-4	ND	400
1,2,3-Trichloropropane	96-18-4	ND	400
1,2,4-Trimethylbenzene	95-63-6	ND	400
1,3,5-Trimethylbenzene	108-67-8	ND	400
Vinyl acetate	108-05-4	ND	400
Vinyl chloride	75-01-4	ND	800
o-Xylene	95-47-6	ND	400
p,m-Xylene	108-38-3, 106-42-3	ND	800

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

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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC4S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
Acetone	67-64-1	ND	130
Benzene	71-43-2	7.1	6.6
Bromobenzene	108-86-1	ND	6.6
Bromochloromethane	74-97-5	ND	13
Bromodichloromethane	75-27-4	ND	6.6
Bromoform	75-25-2	ND	6.6
Bromomethane	74-83-9	ND	13
2-Butanone	78-93-3	ND	130
n-Butylbenzene	104-51-8	ND	6.6
sec-Butylbenzene	135-98-8	ND	6.6
tert-Butylbenzene	98-06-6	ND	6.6
Carbon tetrachloride	56-23-5	ND	6.6
Carbon disulfide	75-15-0	ND	6.6
Chlorobenzene	108-90-7	ND	6.6
Chloroethane	75-00-3	ND	13
Chloroform	67-66-3	ND	6.6
Chloromethane	74-87-3	ND	13
2-Chlorotoluene	95-49-8	ND	6.6
4-Chlorotoluene	106-43-4	ND	6.6
Dibromochloromethane	124-48-01	ND	6.6
1,2-Dibromo-3-chloropropane	96-12-8	ND	13
Dibromomethane	74-95-3	ND	6.6
1,2-Dibromoethane	106-93-4	ND	6.6
1,2-Dichlorobenzene	95-50-1	ND	6.6
1,3-Dichlorobenzene	541-73-1	ND	6.6
1,4-Dichlorobenzene	106-46-7	ND	6.6
Dichlorodifluoromethane	75-71-8	ND	6.6
1,1-Dichloroethane	75-34-3	8.6	6.6
1,2-Dichloroethane	107-06-2	ND	6.6
1,1-Dichloroethene	75-35-4	1,100	13
cis-1,2-Dichloroethene	156-59-2	7.9	6.6
trans-1,2-Dichloroethene	156-60-5	ND	6.6

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

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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC4S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
1,2-Dichloropropane	78-87-5	ND	6.6
1,3-Dichloropropane	142-28-9	ND	6.6
2,2-Dichloropropane	594-20-7	ND	6.6
1,1-Dichloropropene	563-58-6	ND	6.6
cis-1,3-Dichloropropene	10061-01-5	ND	6.6
trans-1,3-Dichloropropene	10061-02-6	ND	6.6
Ethylbenzene	100-41-4	ND	6.6
Hexachlorcbutadiene	87-68-3	ND	13
2-Hexanone	591-78-6	ND	66
Isopropylbenzene	98-82-8	ND	6.6
p-Isopropyltoluene	99-87-6	ND	6.6
Methylene chloride	75-09-2	ND	33
4-Methyl-2-pentanone	108-10-1	ND	66
Naphthalene	91-20-3	ND	6.6
n-Propylbenzene	103-65-1	ND	6.6
Styrene	100-42-5	ND	6.6
1,1,1,2-Tetrachloroethane	630-20-6	ND	6.6
1,1,2,2-Tetrachloroethane	79-34-5	ND	6.6
Tetrachloroethene	127-18-4	ND	6.6
Toluene	108-88-3	ND	6.6
1,2,3-Trichlorobenzene	87-61-6	ND	6.6
1,2,4-Trichlorobenzene	120-82-1	ND	6.6
1,1,1-Trichloroethane	71-55-6	ND	6.6
1,1,2-Trichloroethane	79-00-5	ND	13
Trichloroethene	79-01-6	1,100	6.6
Trichlorofluoromethane	75-69-4	ND	6.6
1,2,3-Trichloropropane	96-18-4	ND	6.6
1,2,4-Trimethylbenzene	95-63-6	ND	6.6
1,3,5-Trimethylbenzene	108-67-8	ND	6.6
Vinyl acetate	108-05-4	ND	6.6
Vinyl chloride	75-01-4	ND	13
o-Xylene	95-47-6	ND	6.6
p,m-Xylene	108-38-3, 106-42-3	ND	13

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

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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: WCC5S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	2.2	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	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.

TMA
Thermo Analytical

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, California 92714	Lab P.N.:	L2110
		Client P.N.:	944016
Project Name:	DAC	Date Sampled:	6/12/95
Project Address:	N/A	Date Analyzed:	6/20/95
		Physical State:	Liquid
Sample ID:	WCC5S-11		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	3.2	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

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC6S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
Acetone	67-64-1	ND	400
Benzene	71-43-2	82	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	28	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	130	20
1,2-Dichloroethane	107-06-2	51	20
1,1-Dichloroethene	75-35-4	9,800	400
cis-1,2-Dichloroethene	156-59-2	4,200	200
trans-1,2-Dichloroethene	156-60-5	180	20

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

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC6S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	450	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	8,400	200
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	810	20
1,1,2-Trichloroethane	79-00-5	60	40
Trichloroethene	79-01-6	510	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.

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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: WCC7S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	8.7	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	110	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
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LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: WCC7S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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.

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC8S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	4,200	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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TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: WCC8S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	150	40
1,1,2-Trichloroethane	79-00-5	ND	80
Trichloroethene	79-01-6	2,400	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
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC9S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	6.4	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	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

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

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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC9S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	23	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

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC10S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	17	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	20	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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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC10S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	140	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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, California 92714	Lab P.N.:	L2110
		Client P.N.:	944016
Project Name:	DAC	Date Sampled:	6/12/95
Project Address:	N/A	Date Analyzed:	6/21/95
		Physical State:	Liquid
Sample ID:	WCC11S-11		

Volatile Organic Compounds. EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	22	4.0
cis-1,2-Dichloroethene	156-59-2	6.0	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:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, California 92714	Lab P.N.:	L2110
		Client P.N.:	944016

Project Name:	DAC	Date Sampled:	6/12/95
Project Address:	N/A	Date Analyzed:	6/21/95
		Physical State:	Liquid

Sample ID: WCC11S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC12S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	3.2	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	28	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	72	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
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC12S-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	330	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

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: DACP1-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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
The Laboratory Results are only a portion of the Laboratory Report.

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: DACP1-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	18,000	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
The Laboratory Results are only a portion of the Laboratory Report.

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Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: WCC1D-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	3.1	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	170	4.0
cis-1,2-Dichloroethene	156-59-2	2.0	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
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: WCC1D-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	21	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

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC3D-11

Volatile Organic Compounds, EPA 8240/8260

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

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

TMA
Thermo Analytical

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/21/95
Physical State: Liquid

Sample ID: WCC3D-11

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits µg/l
1,2-Dichloropropane	78-87-5	ND	10
1,3-Dichloropropane	142-28-9	ND	10
2,2-Dichloropropane	594-20-7	ND	10
1,1-Dichloropropene	563-58-6	ND	10
cis-1,3-Dichloropropene	10061-01-5	ND	10
trans-1,3-Dichloropropene	10061-02-6	ND	10
Ethylbenzene	100-41-4	ND	10
Hexachlorobutadiene	87-68-3	ND	20
2-Hexanone	591-78-6	ND	100
Isopropylbenzene	98-82-8	ND	10
p-Isopropyltoluene	99-87-6	ND	10
Methylene chloride	75-09-2	ND	50
4-Methyl-2-pentanone	108-10-1	ND	100
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	1,700	10
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	2,100	10
1,1,2-Trichloroethane	79-00-5	ND	20
Trichloroethene	79-01-6	200	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl acetate	108-05-4	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	ND	10
p,m-Xylene	108-38-3, 106-42-3	ND	20

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

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APPENDIX B

LABORATORY/FIELD QUALITY CONTROL DATA SHEETS

Thermo Analytical

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220	Lab P.N.:	L2110
	Irvine, California 92714	Client P.N.:	944016
		Lab Cert. #:	1155
Contact:	Sarah Bartling		
Project Name:	DAC	Date Sampled:	6/12/95
Project Address:	N/A	Date Received:	6/12/95
		Date Analyzed:	6/19/95-6/21/95
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Differenc	Acceptable Range
1,1, Dichloroethene (EPA 8240/8260)	M	108	112	50-127	4	0-22
Benzene (EPA 8240/8260)	M	109	108	64-137	1	0-15
Trichloroethene (EPA 8240/8260)	M	102	98	80-121	4	0-15
Toluene (EPA 8240/8260)	M	108	104	82-118	4	0-12
Chlorobenzene (EPA 8240/8260)	M	106	106	85-119	0	0-12
1,1, Dichloroethene (EPA 8240/8260)	M	105	110	50-127	5	0-22
Benzene (EPA 8240/8260)	M	104	111	64-137	7	0-15
Trichloroethene (EPA 8240/8260)	M	86	102	80-121	17*	0-15
Toluene (EPA 8240/8260)	M	103	110	82-118	7	0-12
Chlorobenzene (EPA 8240/8260)	M	100	109	85-119	9	0-12
Trichloroethene (EPA 8240/8260)	L	108	93	80-121	15	0-15
1,1, Dichloroethene (EPA 8240/8260)	M	95	94	50-127	1	0-22
Benzene (EPA 8240/8260)	M	101	105	64-137	4	0-15
Trichloroethene (EPA 8240/8260)	M	72*	49*	80-121	38*	0-15
Toluene (EPA 8240/8260)	M	100	103	82-118	3	0-12
Chlorobenzene (EPA 8240/8260)	M	97	104	85-119	7	0-12
Trichloroethene (EPA 8240/8260)	L	92	87	80-121	6	0-15

*The MS, MSD & RPD were outside of acceptable QC limits due to possible matrix interferences; LCS was within acceptable QC limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / 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.

BOE-C6-0065809

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: DW061295

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	6.0	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	ND	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0

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

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LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: DW061295

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	21	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
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: TB061295

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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

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Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2110
Client P.N.: 944016

Project Name: DAC
Project Address: N/A

Date Sampled: 6/12/95
Date Analyzed: 6/19/95
Physical State: Liquid

Sample ID: TB061295

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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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1920 E. Deere Avenue
Santa Ana, CA 92705
(714) 757-7022 Fax: 757-7274

Formerly Terra Tech Labs

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, California 92714	Lab P.N.:	L2115
		Client P.N.:	944016.00
		Lab Cert. #:	1155
Contact:	Sarah Bartling		
Project Name:	DAC	Date Sampled:	6/13/95
Project Address:	N/A	Date Received:	6/13/95
		Date Analyzed:	6/19/95-6/21/95
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	Percent Recovery	Duplicate Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
1,1, Dichloroethene (EPA 8240/8260)	M	108	112	50-127	4	0-22
Benzene (EPA 8240/8260)	M	109	108	64-137	1	0-15
Trichloroethene (EPA 8240/8260)	M	102	98	80-121	4	0-15
Toluene (EPA 8240/8260)	M	108	104	82-118	4	0-12
Chlorobenzene (EPA 8240/8260)	M	106	106	85-119	0	0-12
1,1, Dichloroethene (EPA 8240/8260)	M	105	110	50-127	5	0-22
Benzene (EPA 8240/8260)	M	104	111	64-137	7	0-15
Trichloroethene (EPA 8240/8260)	M	86	102	80-121	17*	0-15
Toluene (EPA 8240/8260)	M	103	110	82-118	7	0-12
Chlorobenzene (EPA 8240/8260)	M	100	109	85-119	9	0-12
Trichloroethene (EPA 8240/8260)	L	108	93	80-121	15	0-15
1,1, Dichloroethene (EPA 8240/8260)	M	95	94	50-127	1	0-22
Benzene (EPA 8240/8260)	M	101	105	64-137	4	0-15
Trichloroethene (EPA 8240/8260)	M	72*	49*	80-121	38*	0-15
Toluene (EPA 8240/8260)	M	100	103	82-118	3	0-12
Chlorobenzene (EPA 8240/8260)	M	97	104	85-119	7	0-12
Trichloroethene (EPA 8240/8260)	L	92	87	80-121	6	0-15

*The MS, MSD & RPD were outside of acceptable QC limits due to possible matrix interferences; LCS was within acceptable QC limits.

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / 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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BOE-C6-0065814

LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: TB061395

Volatile Organic Compounds, EPA 8240/8260

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

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

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LABORATORY RESULTS

Client: Kennedy/Jenks Consultants
Client Address: 17310 Red Hill Avenue, Suite 220
Irvine, California 92714

Report Date: 6/26/95
Lab P.N.: L2115
Client P.N.: 944016.00

Project Name: DAC
Project Address: N/A

Date Sampled: 6/13/95
Date Analyzed: 6/20/95
Physical State: Liquid

Sample ID: TB061395

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220	Lab P.N.:	L2115
	Irvine, California 92714	Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	6/13/95
Project Address:	N/A	Date Analyzed:	6/20/95
		Physical State:	Liquid
Sample ID:	DW061395		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	37	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	98	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:	6/26/95
Client Address:	17310 Red Hill Avenue, Suite 220	Lab P.N.:	L2115
	Irvine, California 92714	Client P.N.:	944016.00
Project Name:	DAC	Date Sampled:	6/13/95
Project Address:	N/A	Date Analyzed:	6/20/95
		Physical State:	Liquid
Sample ID:	DW061395		

Volatile Organic Compounds, EPA 8240/8260

Parameter	CAS #	Conc. µg/l	Quantitation Limits 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	220	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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APPENDIX C

GROUNDWATER PURGE AND SAMPLE FORMS

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-3D

PROJECT NUMBER: 944014.00

PERSONNEL: KKP

STATIC WATER LEVEL (FT): 67.85

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 1128

PURGE DEPTH (FT) 100

TIME END PURGE: 1210

TIME SAMPLED: 1218

COMMENTS: Purge rate varied between 3-5 gpm.

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		67.85		72.15		0.16	0.64	1.44		46.2

TIME	1130	1140	1156	1200	1203	1206	1209
VOLUME PURGED (GAL)	10	50	100	110	120	130	150
PURGE RATE (GPM)	3-5 varied →						
TEMPERATURE (°C)	80.2	83.0	81.0	8.04	78.4	79.4	80.2
pH	8.39	7.94	7.91	7.87	7.77	7.77	7.81
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	920	906	865	867	857	859	870
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	—
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	—
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	Clear
ODOR	No	No	No	No	No	No	No
DEPTH OF PURGE INTAKE (FT)	100	100	100	100	100	100	100
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-3D

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

SAMPLE DATA:

TIME SAMPLED: 1218 COMMENTS:

DEPTH SAMPLED (FT): S.S. Bailer

SAMPLING EQUIPMENT:

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
WCC3D 11	3	VOA	HCl	No	40			Yes	8249 60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 140 COMMENTS:

DISPOSAL METHOD: Drum-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: Sunny, hot

TEMPERATURE (SPECIFY °C OR °F): 90°

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager:
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-1D

PROJECT NUMBER: 944016.00

PERSONNEL:

STATIC WATER LEVEL (FT):

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 0839

PURGE DEPTH (FT): 80

TIME END PURGE: 0908

TIME SAMPLED: 0918

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) [redacted]	4	6	=	3x=131 CASING VOLUME (GAL)
	135.50		67.24		68.26		0.16	0.64	1.44		44

TIME	0841	0849	0859	0903	0905	0906	0907
VOLUME PURGED (GAL)	10	50	100	120	130	135	140
PURGE RATE (GPM)	5	5	5	5	5	5	5
TEMPERATURE (°C)	73.2	73.7	74.8	74.7	74.7	74.8	74.6
pH	8.44	8.11	8.19	8.05	8.02	8.03	8.01
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	634	7.23	7.01	709	716	715	708
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	—
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	—
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	Clear
ODOR	No	NO	No	slightly Fishy	No	No	No
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-1D

PROJECT NUMBER: 944016.00 PERSONNEL: RAP/KKP

SAMPLE DATA:

TIME SAMPLED: 0918 COMMENTS:

DEPTH SAMPLED (FT): 80

SAMPLING EQUIPMENT: S.S. 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
WCC1D-11	4	VOA	HCL	No	40			Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 140 COMMENTS:

DISPOSAL METHOD: On site Drum

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: Overcast

TEMPERATURE (SPECIFY °C OR °F): 75

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager:
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC WELL NUMBER: DAC-P1

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

STATIC WATER LEVEL (FT): 68.38 MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Line PURGE METHOD: Redi-flow

TIME START PURGE: 1546 PURGE DEPTH (FT) 80

TIME END PURGE: 1606

TIME SAMPLED: 1616

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	(4)	6	=	CASING VOLUME (GAL)
	90		68.38		21.62		0.16	0.64	1.44		13.8

TIME	1548	1550	1552	1554	1555	1603	1606
VOLUME PURGED (GAL)	10	20	25	30	35	45	50
PURGE RATE (GPM)	5	5	3 to 5	3 to 5	3 to 5	3 to 5	3 to 5
TEMPERATURE (°C)	78.0	76.7	75.6	75.1	75.1	74.0	74.4
pH	7.46	7.40	7.41	7.44	7.41	7.55	7.48
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	3100	3040	2930	2930	2940	2840	2830
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	—
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	—
TURBIDITY/COLOR	yellowish	very slight/ yellowish	v. slight/ off white	very slight/ off white	v. slight/ off white	v. slight/ off white	v. slight/ off white
ODOR	No	No	No	No	No	No	No
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: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: DAC-P1

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

SAMPLE DATA:

TIME SAMPLED: 16 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: S.S. 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
DACP1-11	~~4~~ 3	VOA	HCl	—	40	very Turbid	Brown	Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: on site drum

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, Sunny

TEMPERATURE (SPECIFY °C OR °F):

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager: S. Bartling
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/ 195 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-12S

PROJECT NUMBER: 944016.00

PERSONNEL: KKP/RAP

STATIC WATER LEVEL (FT): 63 92

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Rediflow

TIME START PURGE: 1447

PURGE DEPTH (FT) ~~8~~ 75'

TIME END PURGE: 1458

TIME SAMPLED: 1570

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	90.25		63.92		26.33		0.16	0.64	1.44		16.85

TIME	1449	1451	1453	1455	1456	1457	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	NA	82.8	83.1	81.9	81.7	81.4	
pH	8.35	7.84	8.23	8.15	8.14	8.08	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1237	1124	1135	1121	1120	1121	
DISSOLVED OXYGEN (mg/L)							
eH(MV)Pt-AgCl ref.							
TURBIDITY/COLOR	yellow	yellow	yellow	(less) yellow	(less) yellow	sh. yellow to 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: 6/ 195 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-12S

PROJECT NUMBER: 944016.00 PERSONNEL:

SAMPLE DATA:

TIME SAMPLED: COMMENTS:

DEPTH SAMPLED (FT):

SAMPLING EQUIPMENT: SS. 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
WCC12S-11	4	VOA	HCl	No	40			Yes	8240/60.	

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): 85

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARTLUND

Job File:

Other:

F-43.2 (5-89) Page

BOE-C6-0065827

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-11S

PROJECT NUMBER: 944016.00

PERSONNEL: RAP/KKP

STATIC WATER LEVEL (FT): 65.80

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 1340

PURGE DEPTH (FT) 75

TIME END PURGE: 1350

TIME SAMPLED: 1405

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	89.30		65.80		23.5		0.16	0.64	1.44		15

TIME	1342	1344	1346	1348	1349	1350	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	84.0	81.1	80.1	79.5	78.4	78.1	
pH	7.83	7.83	7.77	7.67	7.67	7.65	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1470	1467	1439	1424	1401	1385	
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)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-11S

PROJECT NUMBER: 944016.00 PERSONNEL: RAP

SAMPLE DATA:

TIME SAMPLED: 1405 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: S.S. 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
WCC11S-11	4	VOA	HCl	–	40			Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON-SITE STORAGE

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 F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: Sarah Bartling

Job File:

Other:

F-43.2 (5-89) Page

BOE-C6-0065829

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-10S

PROJECT NUMBER: 944016.00

PERSONNEL: RAP / KKP

STATIC WATER LEVEL (FT): 67.17

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Rediflow

TIME START PURGE: 1143

PURGE DEPTH (FT) 80

TIME END PURGE: 1154

TIME SAMPLED: 1204

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)
	89.6		67.17		22.43		0.16	0.64	1.44		14.4

TIME	1145	1147	1149	1151	1152	1153	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	81.0	80	78	78.2	77.4	77.4	
pH 7.91	~~7.92~~	7.79	7.69	7.70	7.65	7.64	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	992	993	993	952	986	924	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	No	No	No	No	No	No	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-10S

PROJECT NUMBER: 944016.00 PERSONNEL: RAP/KKP

SAMPLE DATA:

TIME SAMPLED: ~~1210~~ 1204 COMMENTS:

DEPTH SAMPLED (FT): 80

SAMPLING EQUIPMENT: S.S. 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
WCC10S 11	4	VOA	HCl	—	40			Yes	8240/ 60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): ~55 COMMENTS:

DISPOSAL METHOD: Drum onsite

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): 85

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? None

cc: Project Manager:
Job File:
Other:

Groundwater Purge and Sample Form Date: 12 Jun 95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-9S

PROJECT NUMBER: 944016.00

PERSONNEL: RAP/KKP

STATIC WATER LEVEL (FT): 63.80

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 1034

PURGE DEPTH (FT) 75

TIME END PURGE: 1044

TIME SAMPLED: 1052

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)
	89.2		63.80		25.4		0.16	0.64	1.44		16.26

TIME	1036	1038	1040	1042	1043	1044	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	79.0	80.0	80.4	81.5	81.3	80.7	
pH	8.21	7.99	7.87	7.86	7.82	7.80	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1421	1290	1260	1260	1247	1242	
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 →						
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED						+3	
DEWATERED?							

Groundwater Purge and Sample Form Date: Jun 12, 95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-9S

PROJECT NUMBER: 944016.00 PERSONNEL: RAP/KKP

SAMPLE DATA:

TIME SAMPLED: 1052 COMMENTS:

DEPTH SAMPLED (FT): 70 ft

SAMPLING EQUIPMENT: S.S. 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
WCC9S-11	4	VOA	HCl	—	40			Yes	8240 60	
DW-061295	4	VOA	HCl	—	40			Yes	8240 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): 80

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NO

cc: Project Manager: S. BARTLING

Job File:

Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-8S

PROJECT NUMBER: 944016.00

PERSONNEL: KKP

STATIC WATER LEVEL (FT): 66.98

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 0949

PURGE DEPTH (FT) 80

TIME END PURGE: 1000

TIME SAMPLED: 1010

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	90		66.98		23.02		0.16	0.64	1.44		14.7

TIME	0951	0953	0955	0957	0958	0959	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	77.7	78.3	78.3	78.1	77.3	76.9	
pH	7.80	7.66	7.58	7.57	7.54	7.53	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1796	1803	1770	1762	1677	1668	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	No	No	No	No	No	No	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-8S

PROJECT NUMBER: 944016.00 PERSONNEL: YKP

SAMPLE DATA:

TIME SAMPLED: 1010 COMMENTS:

DEPTH SAMPLED (FT): 80

SAMPLING EQUIPMENT: S.S. 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
WCC8S-11	4	VOA	HCl	No	40	3-Very Slight 1-Slight	Clear Yellow	Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): COMMENTS:

DISPOSAL METHOD: ON SITE DRUMS

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: Casing Lid is cracked

GENERAL:

WEATHER CONDITIONS: Sunny, slight breeze

TEMPERATURE (SPECIFY °C OR °F): 80°C

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager: Sara Bartling
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-7S

PROJECT NUMBER: 944016.00

PERSONNEL: KKP

STATIC WATER LEVEL (FT):

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 0736

PURGE DEPTH (FT) 70

TIME END PURGE: 0747

TIME SAMPLED: 0755

COMMENTS:

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

TIME	0738	0740	0742	0744	0745	0746	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	72.1	72.3	71.9	72.5	72.7	72.7	
pH	8.55	8.25	8.05	8.03	7.98	7.96	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1109	938	9.05	898	900	899	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Yellow	Clear	Clear	Clr	Clear	Clear	
ODOR	Fishy	No	NO	No	No	No	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Const**

PROJECT NAME: DAC WELL NUMBER: WCC-75

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

SAMPLE DATA:

TIME SAMPLED: 0755 COMMENTS:

DEPTH SAMPLED (FT):

SAMPLING EQUIPMENT:

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
WCC75 11	4	VOA	HCl	–	40			Yes	8240/60	
DW-061395	4	VOA	HCl	–	40					

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal COMMENTS:

DISPOSAL METHOD: Onsite Drum

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:

TEMPERATURE (SPECIFY °C OR °F):

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager:
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-6S

PROJECT NUMBER: 944016.00

PERSONNEL: KKP

STATIC WATER LEVEL (FT): 67.70

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Electric Line

PURGE METHOD: Redi-flow

TIME START PURGE: 1453

PURGE DEPTH (FT) 80

TIME END PURGE: 1507

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	-	CASING VOLUME (GAL)
	89.15		67.70		21.45		0.16	0.64	1.44		13.7

TIME	1455	1456	1458	1459	1500	1501	
VOLUME PURGED (GAL)	10	20	30	35	40	45	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	83.5	78.6	77.2	76.6	76.2	75.8	
pH	7.49	7.40	7.28	7.25	7.23	7.20	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2010	1852	1787	1772	1771	1772	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	clear	clear	clear	clear	clear	clear	
ODOR	faint petroleum	faint petroleum	faint petroleum	petroleum	petroleum	petroleum	
DEPTH OF PURGE INTAKE (FT)	80	80	80	80	80	80	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

BOE-C6-0065838

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-6S

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

SAMPLE DATA:

TIME SAMPLED: 1510 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: S.S. 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
WCC6S 11	3	VOA	HCl	—	40	clear	Clr	Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gallons COMMENTS:

DISPOSAL METHOD: on site drums

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: Sunny Hot

TEMPERATURE (SPECIFY °C OR °F): 85

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager: S. Bartling
Job File:
Other:

Groundwater Purge and Sample Form Date: Jun 12, 95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-5S

PROJECT NUMBER: 944016.00

PERSONNEL: RAP / KKD

STATIC WATER LEVEL (FT): 64.78

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: ~~0930~~ 0937

PURGE DEPTH (FT) 80

TIME END PURGE: 947

TIME SAMPLED: 958

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)
	89.35		64.78		24.57		0.16	0.64	1.44		16

TIME	939	941	943	945	946	947	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	83.9	78.5	78.0	79.1	79.3	79.1	
pH	8.67	7.66	7.45	7.35	7.30	7.27	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1561 ~~1467~~	1482	1485	1507	1501	1499	
DISSOLVED OXYGEN (mg/L)	X	X	X	X	X	X	
eH(MV)Pt-AgCl ref.	X	X	X	X	X	X	
TURBIDITY/COLOR	CLR	CLR	CLR	CLR	CLR	CLR	
ODOR	N	N	N	N	N	N	
DEPTH OF PURGE INTAKE (FT)	75	→					
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Cons**

PROJECT NAME: DAC WELL NUMBER: WCC-SS

PROJECT NUMBER: 944016.00 PERSONNEL: KKD & RAP

SAMPLE DATA:

TIME SAMPLED: 958 COMMENTS:

DEPTH SAMPLED (FT): To ft

SAMPLING EQUIPMENT: SS 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
WCCSS 11	4	VOA	HCl	—	40			Yes	8240/60	

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): 80

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? NONE

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

F-43.2 (5-89) Pag

BOE-C6-0065841

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-45

PROJECT NUMBER: 944016.00

PERSONNEL: KKP

STATIC WATER LEVEL (FT): 66.30

MEASURING POINT DESCRIPTION: Top of casing

WATER LEVEL MEASUREMENT METHOD: Elec. Probe

PURGE METHOD: Redi-flow

TIME START PURGE: 1036

PURGE DEPTH (FT) 80

TIME END PURGE: 1047

TIME SAMPLED: 1052

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)
	91.5		66.30		25.2		0.16	0.64	1.44		16.1

TIME	1038	1040	1042	1044	1045	1046	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	82.0	79.6	79.6	78.6	~~81.7~~ 78.7	79	
pH	8.10	7.94	7.82	7.77	7.76	7.72	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	1557	1419	1266	1236	1213	1202	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	No	No	No	No	No	No	
DEPTH OF PURGE INTAKE (FT)	80	80	80	80	80	80	
DEPTH TO WATER DURING PURGE (FT)	8						
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-4S

PROJECT NUMBER: 944016.00 PERSONNEL:

SAMPLE DATA:

TIME SAMPLED: 1052 COMMENTS:

DEPTH SAMPLED (FT): 80

SAMPLING EQUIPMENT: S.S. Steel

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
WCC4S-11	4	VOA	HCl	No	40			Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: ON SITE DRUM

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:

TEMPERATURE (SPECIFY °C OR °F):

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager:
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-3S

PROJECT NUMBER: 944016.00

PERSONNEL: KKP

STATIC WATER LEVEL (FT): 67.77

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Line

PURGE METHOD: Dedi-flow

TIME START PURGE: 1356

PURGE DEPTH (FT) 80

TIME END PURGE: 1407

TIME SAMPLED: 1412

COMMENTS:

WELL VOLUME CALCULATION (FILL IN BEFORE PURGING)	TOTAL DEPTH (FT)	-	DEPTH TO WATER (FT)	=	WATER COLUMN (FT)	X	MULTIPLIER FOR CASING DIAMETER (IN) 2	4	6	=	CASING VOLUME (GAL)
	92		67.77		24.23		0.16	0.64	1.44		15.5

TIME	1358	1400	1402	1404	1405	1407	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	83.6	81.1	80.5	80.4	79.8	80.4	
pH	7.59	7.18	7.13	7.13	7.12	7.14	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	3820	2930	2640	2530	2470	2440	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Clear	Clear	Clear	Clear	Clear	Clear	
ODOR	No	No	Faint tar like smell	Faint Petroleum	Faint Petroleum	Petroleum	
DEPTH OF PURGE INTAKE (FT)	80	80	80	80	80	80	
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-35

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

SAMPLE DATA:

TIME SAMPLED: 1412 COMMENTS:

DEPTH SAMPLED (FT): 75

SAMPLING EQUIPMENT: S.S. 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)	COMMENT
WCC35-11	~~4~~ 3	VOA	HCl	—	40	Very slight	Clear	Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 COMMENTS:

DISPOSAL METHOD: onsite drums

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: Hot Sunny

TEMPERATURE (SPECIFY °C OR °F): 90°

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager:
Job File:
Other:

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC

WELL NUMBER: WCC-2S

PROJECT NUMBER: 94401600

PERSONNEL: RAP/KKP

STATIC WATER LEVEL (FT): 66.96

MEASURING POINT DESCRIPTION: Top of Casing

WATER LEVEL MEASUREMENT METHOD: Electric Probe

PURGE METHOD: Redi-flow

TIME START PURGE: ~~1239~~ 1239

PURGE DEPTH (FT) 75

TIME END PURGE: 1249

TIME SAMPLED: 1306

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)
	88.80		66.96		21.84		0.16	0.64	1.44		14

TIME	1241	1243	1245	1247	1248	1249	
VOLUME PURGED (GAL)	10	20	30	40	45	50	
PURGE RATE (GPM)	5	5	5	5	5	5	
TEMPERATURE (°C)	85.5	86.1	79.0	78.8	79.1	79.0	
pH	7.98	7.87	7.83	7.85	7.83	7.82	
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	831	780	782	793	791	804	
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—	—	
eH(MV)Pt-AgCl ref.	—	—	—	—	—	—	
TURBIDITY/COLOR	Yellowish	Yellowish	Yellow	Yellow	Yellow	Yellow	
ODOR	None	None	None	N	N	N	
DEPTH OF PURGE INTAKE (FT)							
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/12/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-25

PROJECT NUMBER: 944016.00 PERSONNEL: RAP/KKP

SAMPLE DATA:

TIME SAMPLED: 1306 COMMENTS:

DEPTH SAMPLED (FT): 70 ft

SAMPLING EQUIPMENT: S.S. 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
WCC25 11	4	VOA	HCl	–	40			Yes	8240/ 60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 50 gal COMMENTS:

DISPOSAL METHOD: ON-SITE STORAGE

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): 80 °F

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING? N

cc: Project Manager: S. BARTLING

Job File:

Other:

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consultants**

PROJECT NAME: DAC
WELL NUMBER: WCC-1S
PROJECT NUMBER: 944016.00
PERSONNEL: KKP

STATIC WATER LEVEL (FT): 67.23
MEASURING POINT DESCRIPTION: Top of Casing
WATER LEVEL MEASUREMENT METHOD: Electric Line
PURGE METHOD: Redi-flow
TIME START PURGE: 1303
PURGE DEPTH (FT) 80
TIME END PURGE: 1312
TIME SAMPLED: 1317

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 = 7.7 CASING VOLUME (GAL)
	83.30		67.23		16.07		0.16	0.64	1.44		2.57

TIME	1305	1307	1309	1310	1311		
VOLUME PURGED (GAL)	2	4	6	7	8		
PURGE RATE (GPM)	2	2	2	2	2		
TEMPERATURE (°C)	88.1	85.2	83.5	83.0	82.4		
pH	8.17	7.94	7.75	7.72	7.68		
SPECIFIC CONDUCTIVITY (micromhos/cm) (uncorrected)	2130	2260	2260	2240	2210		
DISSOLVED OXYGEN (mg/L)	—	—	—	—	—		
eH(MV)Pt-AgCl ref.	—	—	—	—	—		
TURBIDITY/COLOR	Very Cloudy Brown	Very Cldy Brown	Very cloudy Brown	Cloudy/ Yellow/Brown	Cloudy/ Yellow Brown		
ODOR	No	No	No	No	No		
DEPTH OF PURGE INTAKE (FT)	80	80	80	80	80		
DEPTH TO WATER DURING PURGE (FT)							
NUMBER OF CASING VOLUMES REMOVED							
DEWATERED?							

F-43.1 (5-89)

Groundwater Purge and Sample Form Date: 6/13/95 **Kennedy/Jenks Consu**

PROJECT NAME: DAC WELL NUMBER: WCC-1S

PROJECT NUMBER: 944016.00 PERSONNEL: KKP

SAMPLE DATA:

TIME SAMPLED: 1317 COMMENTS:

DEPTH SAMPLED (FT): 70

SAMPLING EQUIPMENT: S.S 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)	COMMENT
WCC1S-11	3	VOA	HCl	-	40	Cloudy	Yellow	Yes	8240/60	

PURGE WATER DISPOSAL NOTES:

TOTAL DISCHARGE (GAL): 10 COMMENTS:

DISPOSAL METHOD: Drums Onsite

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: Hot, Sunny

TEMPERATURE (SPECIFY °C OR °F): 90

PROBLEMS ENCOUNTERED DURING PURGING OR SAMPLING?

cc: Project Manager:
Job File:
Other:

APPENDIX D

CHAIN-OF-CUSTODY RECORDS

CHAIN-OF-CUSTODY RECORD

Client: KENNEDY / JENKS

Project Name: DAC

Project Address: 17310 REDHILL #220
IRVINE 92714

Project Contact (please print): SARAH BARTLING

Date: 12 JUN 95

Client Reference #: 944016

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

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

Page 1 of 1

Lab Use Only
Lab Job # L2110
C.O. #
C.O. #
C.O. #
C.O. #

Sample Condition Upon Receipt
Chilled X yes no
Sealed yes X no

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
WCC5S-11		6/12/95	958	L	X							4	40 ml VOA	L2110-1
WCC9S-11		6/12/95	1052	L	X							4	40 ml VOA	2
WCC10S-11		6/12/95	1204	L	X							4	40 ml VOA	3
WCC2S-11		6/12/95	1306	L	X							4	40 ml VOA	4
WCC11S-11		6/12/95	1405	L	X							4	40 ml VOA	5
WCC12S-11		6/12/95	1510	L	X							4	40 ml VOA	6
DWC61295		6/12/95	N/A	L	X							4	40 ml VOA	7
TBC61295		6/12/95		L	X							1	40 ml VOA	8

❶ Relinquished by (signature)* [signature]	❷ Received by (signature) [signature]	Date 12 JUN 95	29 Total Number of Containers
Company Kennedy / Jenks	Company TMASA	Time 4:42 PM	
❸ Relinquished by (signature)*	❹ Received by Laboratory (signature)	Date	
Company	Laboratory Name	Time	

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
Fax 714 757 7274

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

CHAIN-OF-CUSTODY RECORD

Client: Kennedy / Jenks
Project Name: DAC
Project Address: 17310 Redhill #220, Irvine, CA 92714
Project Contact (please print): Sarah Bartling

Date: 6/13/95
Client Reference #: 944016.00
Turn Around Requested:
- ☐ Immediate Attention
- ☐ Rush 24-48 Hours
- ☐ Rush 48-96 Hours
- ☒ Normal
- ☐ Mobile Lab

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

Page 1 of 1

Lab Use Only
Lab Job # L2115
C.O. #
C.O. #
C.O. #
C.O. #
Sample Condition Upon Receipt:
Chilled ☒ yes ☐ no
Sealed ☐ yes ☒ no

Sample ID	Sample Location	Date	Time	Physical State: Solid (S), Liquid (L), Vapor (V)	EPA 8240/8260							Number of Containers	Container/Comments	Lab Sample Number
WCC7S-11		6/13/95	0755	L	X							4	40 mL VOA	L2115-1
WCC1D-11		6/13/95	0918	L	X							4	40 mL VOA	2
WCC8S-11		6/13/95	1010	L	X							4	40 mL VOA	3
WCC4S-11		6/13/95	1052	L	X							4	40 mL VOA	4
WCC3D-11		6/13/95	1208 HP	L	X							3	40 mL VOA	5
WCC1S-11		6/13/95	1317	L	X							3	40 mL VOA	6
WCC3S-11		6/13/95	1412	L	X							3	40 mL VOA	7
WCC6S-11		6/13/95	1510	L	X							3	40 mL VOA	8
DAGP1-11		6/13/95	1616	L	X							3	40 mL VOA	9
TB061395		6/13/95	—	L	X							1	40 mL VOA	10
DW061395		6/13/95	—	L	X							4	40 mL VOA	11

Total Number of Containers

❶ Relinquished by (signature)*: Karl K. Podler
Company: Kennedy / Jenks
Date:
Time:

❷ Received by (signature):
Company:

❸ Relinquished by (signature)*:
Company:

❹ Received by Laboratory (signature):
Laboratory Name: TMASA
Date: 6/13/95
Time: 1800

Special Instructions

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

TMASA TECH LABS

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