GROUNDWATER MONITORING
DATA SUMMARY REPORT
SECOND QUARTER, 1993

DOUGLAS AIRCRAFT COMPANY C-6 FACILITY
TORRANCE, CALIFORNIA

K/J 924010.01
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SCANNED

Kennedy/Jenks Consultants

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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 7-8 June 1993, Second Quarter 1993.

2.0 QUARTERLY MONITORING PROGRAM

Second Quarter 1993 groundwater sampling was performed in accordance with standard sampling procedures. Static water level depths were measured on 7 June 1993 prior to initiating purging of groundwater from any observation wells. Static water depths were also measured 8 June 1993 on monitoring wells (MW-9, MW-18 and MW-19) located in the southern portion of DAC property installed for the Montrose Chemical Corporation Remedial Investigation.

Groundwater samples were collected from the following wells and chemically analyzed for volatile organic compounds (VOCs) by EPA Method 8240/8260 for the Second Quarter 1993. EPA Method 8240/8260 has more stringent laboratory QC requirements than EPA Method 8240. In addition, 15 more constituents are analyzed and reported using EPA Method 8240/8260.

> 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. Table 2 summarizes the results of chemical analysis of groundwater samples and duplicates. Table 3 summarizes available measured groundwater elevations to date. 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 into the observation well. Observation well WCC-1S was purged with a bailer since the 2-inch casing size would not accommodate a pump. After lowering the pump to the approximate mid-point of the saturated well screen, approximately three to five wetted casing volumes of groundwater were purged from the well until the following groundwater monitoring parameters had stabilized to within 10% of preceding readings: 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

was lowered to the approximate mid-point of the saturated well screen interval and retrieved to ground surface. The contents of the bailer were discharged into three labelled 40-ml capacity vials, preserved with HCL.

2.2 Field QA/QC Procedures

One blind duplicate groundwater sample was collected each day from selected observation wells for Quality Control purposes. Duplicates were collected in four HCL-preserved vials and identified by inserting the collection date after "DW-". For example, a duplicate sample collected on 7 June 1993 was identified as "DW-060793". No further sample identification was provided to the laboratory. Duplicate samples were taken from observation wells WCC-1D and WCC-9S.

To verify that the groundwater samples were not exposed to analytes during storage and transportation to the analytical laboratory, trip blanks were chemically analyzed for VOCs. One trip blank was placed in the ice-cooled storage/transportation chest when the first groundwater sample was collected each, and transported to the laboratory with the day's samples. Trip blanks were identified following a similar protocol to that used for duplicate water samples. For example, a trip blank prepared on 7 June 1993 was identified as "TB-060793".

Following decontamination of the bailer by steam-cleaning, and prior to collection of groundwater samples from successive wells, a field blank was prepared for laboratory analysis. Each field blank was prepared by pouring Reagent Grade II (Milli-Que) water, prepared by the analytical laboratory, through the bailer and discharge spigot and collecting the rinsate in one 40-ml vial preserved with HCL. Field blanks were identified following a similar protocol to that used for duplicate water samples. For example, a field blank prepared on 7 June 1993 was identified as "FB-060793". The wells prepared before and after field blank preparation were recorded. The field blank on 7 June 1993 was collected after sampling well WCC-11S and prior to sampling well WCC-2S while the field blank on 8 June 1993 was collected after sampling well DAC-P1 and prior to sampling well WCC-3S.

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

3.0 EVALUATION OF ANALYTICAL RESULTS

3.1 Groundwater Gradient

Groundwater levels were measured prior to sampling on 7 June and 8 June 1993 (Table 3 and Appendix B). An estimated potentiometric surface map for the shallow zone is presented as Figure 4. The groundwater gradient in the shallow zone was generally south-southeast with a southerly trough-like depression in the vicinity of observation wells WCC-7S and WCC-12S based on June 1993 measurements. Insufficient data (two wells) are available to define the groundwater gradient in the deeper zone.

3.2 Analytical Data

The results of chemical analysis of groundwater and duplicate samples are summarized on Table 2. Duplicate groundwater samples are indicated by an asterisk and are presented with the "original" groundwater sample. This table includes cumulative analytical data for all monitoring wells and includes detection limits (where available) for the listed chemicals.

The following observations are noted:

- Data for groundwater samples collected from well DAC-P1, located at the upgradient property boundary, indicate that TCE concentrations have increased from 21,000 micrograms per liter (µg/L) to 28,000 µg/L coming onto DAC's property. This data is consistent with prior sampling events. DAC-P1 is screened in the shallow zone.

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

- Groundwater elevation data (Figure 4) and chemical concentration data (Figure 3) indicate that chemical transport in the shallow zone is in a generally southerly direction in the vicinity of buildings 36 and 41. Chemical concentration data from the eastern boundary observation wells (WCC-5S, and WCC-9S) are within the same range or lower than upgradient or cross gradient "background level" wells (WCC-10S, WCC-2S and WCC-11S). Therefore, the data do not suggest chemical migration offsite from an onsite source.

- The First Quarter 1993 report noted anomalous data for several chemicals present in wells WCC-3D and WCC-3S. The recent chemical data shows that concentrations have returned to their historical ranges suggesting questionable First Quarter results.

- Concentrations of MIBK and Toluene increased from 3,900 µg/L to 13,000 µg/L and 10,000 µg/L to 21,000 µg/L, respectively in well WCC-6S while other chemicals have remained at their recent concentration ranges. This is the first substantial increase in concentrations observed in WCC-6S over the last four quarters. Data from this quarter should be compared with results of future quarters to assess accuracy of the Second Quarter 1993 results.

TABLE 1
OBSERVATION WELL CONSTRUCTION DETAILS
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SECOND QUARTER, 1993
DOUGLAS AIRCRAFT C-6 FACILITY
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Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
WCC-1S[1]	03-26-87	2	91	78-88	72	Schedule 40 PVC 0.020-Inch Slots	Shallow
WCC-2S[1]	10-28-87	4	90.5	70-90	63	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-3S[1]	10-26-87	4	92.0	69-89	64	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-4S[1]	10-27-87	4	91.5	70.5-90.5	65	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-5S[1]	11-24-87	4	91	60.5-91	58.5	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-6S[2]	09-22-89	4	91	60-90	N/A[3]	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-7S[2]	06-08-89	4	90.5	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-8S[2]	06-12-89	4	90	59.5-89.5	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-9S[2]	09/21/89	4	91.5	60-90	55	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-10S[2]	06-07-89	4	90.8	60-90	54	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-11S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-12S	N/A	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
DAC-P1	09-25-89	4	N/A	60-90(?)	N/A	Schedule 40 PVC 0.010-Inch Slots	Shallow
WCC-1D[2]	06-30-89	4	140	120-140	115	Schedule 40 PVC 0.010-Inch Slots	Deeper
WCC-3D[2]	06-27-89	4	140	120-140	114	Schedule 40 PVC 0.010-Inch Slots	Deeper

TABLE 1 (Continued)
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Well	Date Constructed	Well Diameter (inches)	Total Depth of Borehole (Feet)	Depth of Screened Interval (Feet)	Depth to top of Sand Filter Pack (Feet)	Well Casing Material and Slot Size	Hydrogeologic Unit Screened
MW-8[4]	05/10/89	4	85	65-80	62	316 Stainless Steel 0.020-inch Slots	Shallow
MW-9[4]	05/09/89	4	85	66-81	61	316 Stainless Steel 0.020-inch Slots	Shallow
MW-18[4]	03/29/90	4	84	68-83	67	316 Stainless Steel 0.020-inch Slot	Shallow
MW-19[4]	03/30/90	4	80	63-79	62	316 Stainless Steel 0.020-inch Slot	Shallow

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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
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		COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results are reported in µg/L (ppb)										
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	-[1]	-	-	-	85	-	-
	*[2]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
WCC-2S	11/02/87	5	-	5	14	-	-	-	-	-	6	-
	11/12/87	2	-	1	4	-	-	-	-	-	1	-
	07/13/89	<1	<1	<1	5	<5	<1	<1	<1	<1	<1	-
	08/23/89	<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
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	<3,000	<500	660	<500	<500	32,000	-
	08/23/89	56,000	<1,000	78,000	6,000	<5,000	<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	<5,000	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	44000/45000	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	<2,0001

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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-4S	11/02/87	360	-	14	700	-	-	2	2	-	-	-
	11/12/87	1,200	-	35	690		-	-	-	-	-	-
	07/13/89	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
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
WCC-6S	10/06/89	210	4	130	140	<5	12	7	<1	<1	<1	-
	11/19/91	5,800	-	5,000	3,000	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
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

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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-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
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
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
	12/08/92	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
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
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

TABLE 2
SUMMARY OF GROUNDWATER ANALYTICAL DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1993
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

		COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results are reported in µg/L (ppb)										
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
	*09/23/92	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	29000	<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
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
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

Notes:
1 -Not Detected (Detection limit not specified)
2 *Duplicate sample also analyzed

TABLE 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND FIRST QUARTER 1993
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

			COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results are reported in µg/L (ppb)								
WELL I.D.	SAMPLE DATE	Acetone[1]	Total Xylenes	Freon-TF[1]	Methlyene[1] Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-1S	03/27/87	-[3]	-	-	-	-	-	-	-	-	-
	*[2]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	<40	<20	<20	<20	<20
WCC-2S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	08/23/89	-	-	-	-	-	-	-	-	-	-
	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
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

TABLE 2A
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DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

			COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results are reported in µg/L (ppb)								
WELL I.D.	SAMPLE DATE	Acetone[1]	Total Xylenes	Freon-TF[1]	Methlyene[1] Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
WCC-4S	11/02/87	-	-	-	-	-	-	-	-	-	-
	11/12/87	-	-	-	-	-	-	-	-	-	-
	07/13/89	-	-	-	-	-	-	-	-	-	-
	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
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
WCC-6S	10/06/89	-	-	-	-	-	-	-	-	-	-
	11/19/91	-	-	-	-	-	-	-	-	-	-
	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/<100
	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
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

TABLE 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND FIRST QUARTER 1993
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

			COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results are reported in µg/L (ppb)								
WELL I.D.	SAMPLE DATE	Acetone[1]	Total Xylenes	Freon-TF[1]	Methlyene[1] 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
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
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
	12/08/92	<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
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
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

TABLE 2A
SUMMARY OF GROUNDWATER ANALYTICAL DATA - MINOR CONSTITUENTS
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND FIRST QUARTER 1993
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

			COMPOUNDS DETECTED BY EPA METHOD 8240 OR EPA METHOD 8240/8260 - All results are reported in µg/L (ppb)								
WELL I.D.	SAMPLE DATE	Acetone[1]	Total Xylenes	Freon-TF[1]	Methlyene[1] Chloride	Carbon Tetra-Chloride	1,1,2-TCA	PCE	Carbon Disulfide	Ethyl-Benzene	1,2-DCA
DAC-P1	10/09/89	<1,000	-	-	-	-	-	-	-	-	-
	06/17/92	<30	-	-	-	-	-	-	-	-	-
	*09/23/92	<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	2000	<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
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
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

Notes:
1. Potential Laboratory Contaminant
2. Duplicate sample also analyzed
3. Not Detected (Detection Limit not specified)

TABLE 3
SUMMARY OF GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1993
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

Kennedy/Jenks Consultants

Observation Well	Reference Point[1] Elevation (*Feet Above MSL)	Water Level Elevation (*Feet Above Mean Sea Level)						
		11/13/87[2]	10/18/89[3]	06/15/92	09/21/92	01/05/93	04/09/93	06/07/93
WCC-1S	50.70	-21.63	-19.48	-19.20	-19.42	-19.34	-18.79	-18.75
WCC-2S	50.59	-19.72	-19.06	-19.15	-19.41	-19.51	-18.64	-18.63
WCC-3S	51.19	-21.56	-19.42	-19.24	-19.52	-19.73	-18.83	-18.82
WCC-4S	49.69	-21.77	-19.59	-19.22	-19.49	-19.34	-18.86	-18.78
WCC-5S	48.22	NA[4]	-19.70	-19.13	-19.42	-19.32	-18.83	-18.78
WCC-6S	50.95	NA	-19.70	-19.40	-19.64	-19.50	-19.03	-18.97
WCC-7S	48.29	NA	-20.07	-19.63	-19.93	-19.76	-19.30	-19.23
WCC-8S	50.56	NA	-19.35	-19.11	-19.34	-19.19	-18.69	-18.61
WCC-9S	47.01	NA	-20.07	-19.44	-19.66	-19.56	-19.09	-19.09
WCC-10S	51.12	NA	-18.42	-18.94	-19.33	-19.10	-18.42	-18.33
WCC-11S	49.97	NA	NA	-17.62	-18.81	-18.69	-18.13	-18.04
WCC-12S	46.92	NA	NA	-19.60	-19.90	-19.74	-19.26	-19.20
DAC-P1	52.44	NA	NA	-17.76	-17.88	-18.02	-17.46	-17.38
WCC-1D	50.45	NA	-19.51	-19.55	-19.92	-19.61	-19.10	-19.00
WCC-3D	51.18	NA	-19.38	-19.39	-19.71	-20.52	-18.87	-18.85

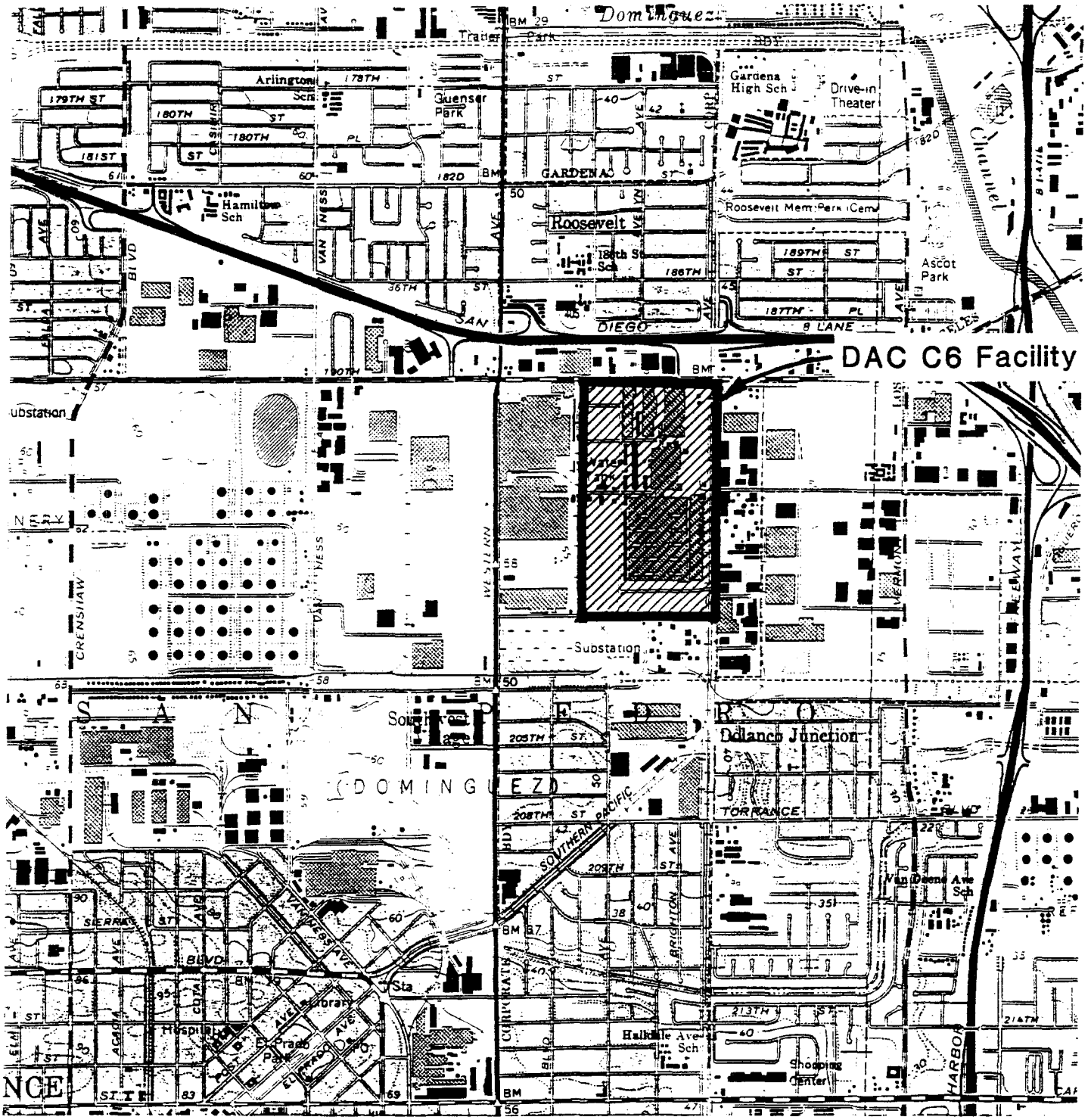
BOE-C6-0065056

TABLE 3 (Continued)
SUMMARY OF GROUNDWATER ELEVATION DATA
GROUNDWATER MONITORING DATA SUMMARY REPORT
SECOND QUARTER 1993
DOUGLAS AIRCRAFT C-6 FACILITY
TORRANCE, CALIFORNIA
K/J 924010.01

Kennedy/Jenks Consultants

Observation Well[5]	Reference Point Elevation (*Feet Above MSL)[6]	Water Level Elevation (*Feet Above Mean Sea Level)						
		11/13/87	10/18/89	06/15/92	09/21/92	01/05/93	04/09/93	06/08/93
MW-8	49.09	NA	NA	NA	NA	NA	NA	NA
MW-9	48.67	NA	NA	NA	NA	NA	NA	-20.58
MW-18	50.29	NA	NA	NA	NA	NA	NA	-20.88
MW-9	46.55	NA	NA	NA	NA	NA	NA	-20.13

Notes:
1 Reference point is north side, top of well casing
2 Data taken from Woodward-Clyde Consultants Phase II Report, May 1988
3 Data taken from Woodward-Clyde Consultants Phase III Report, March, 1990
4 N/A = Not available
5 Installed by Hargis + Associates, Inc. for Montrose Chemical Corporation
6 Reference point elevation measured by Hargis + Associates, Inc.



N

0 1,000 2,000 FEET

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

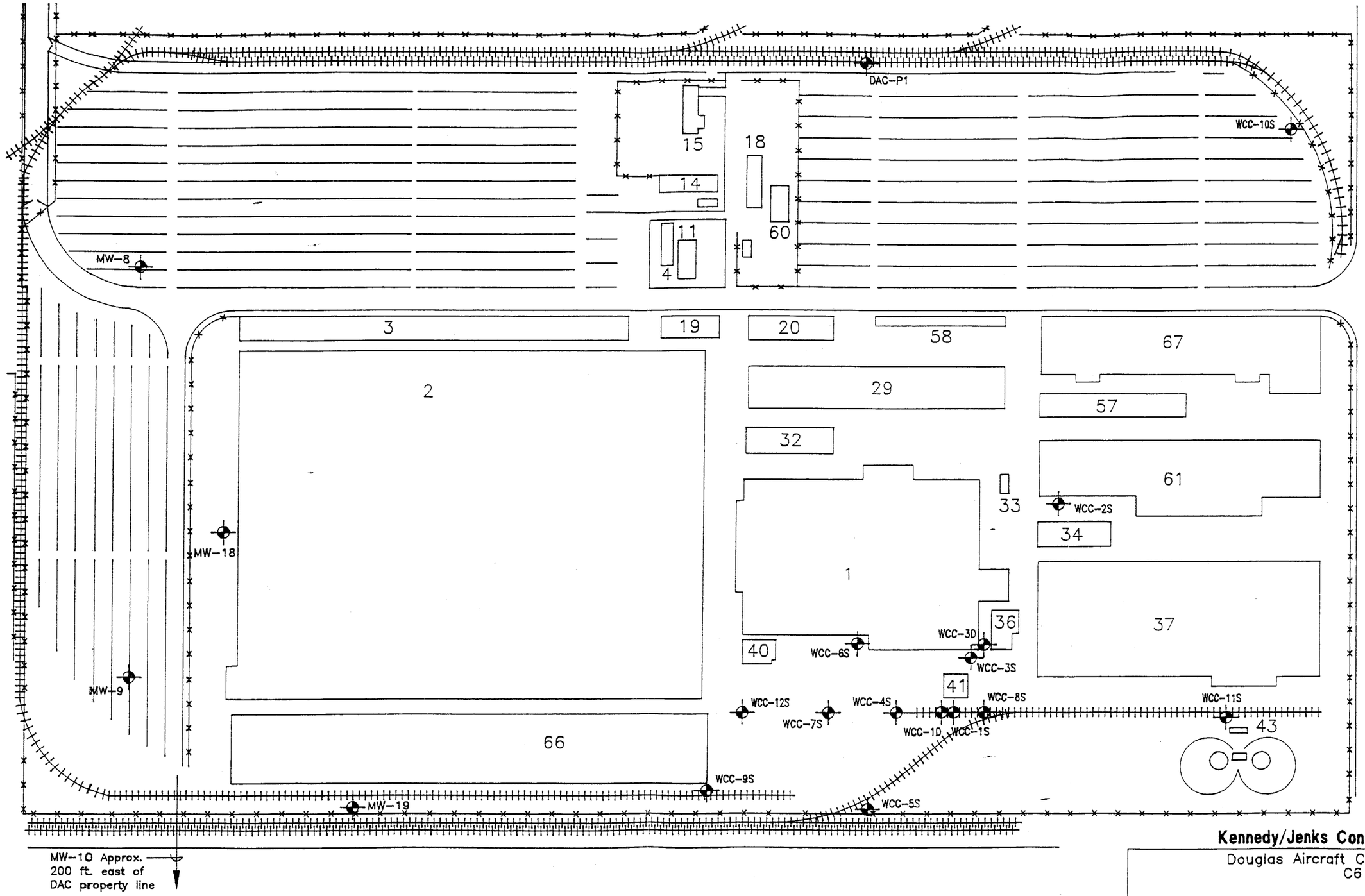
Kennedy/Jenks Consultants

Douglas Aircraft Company
C6 Facility

Site Vicinity Map

July 1993
K/J 924010.01

Figure 1



Kennedy/Jenks Consultants

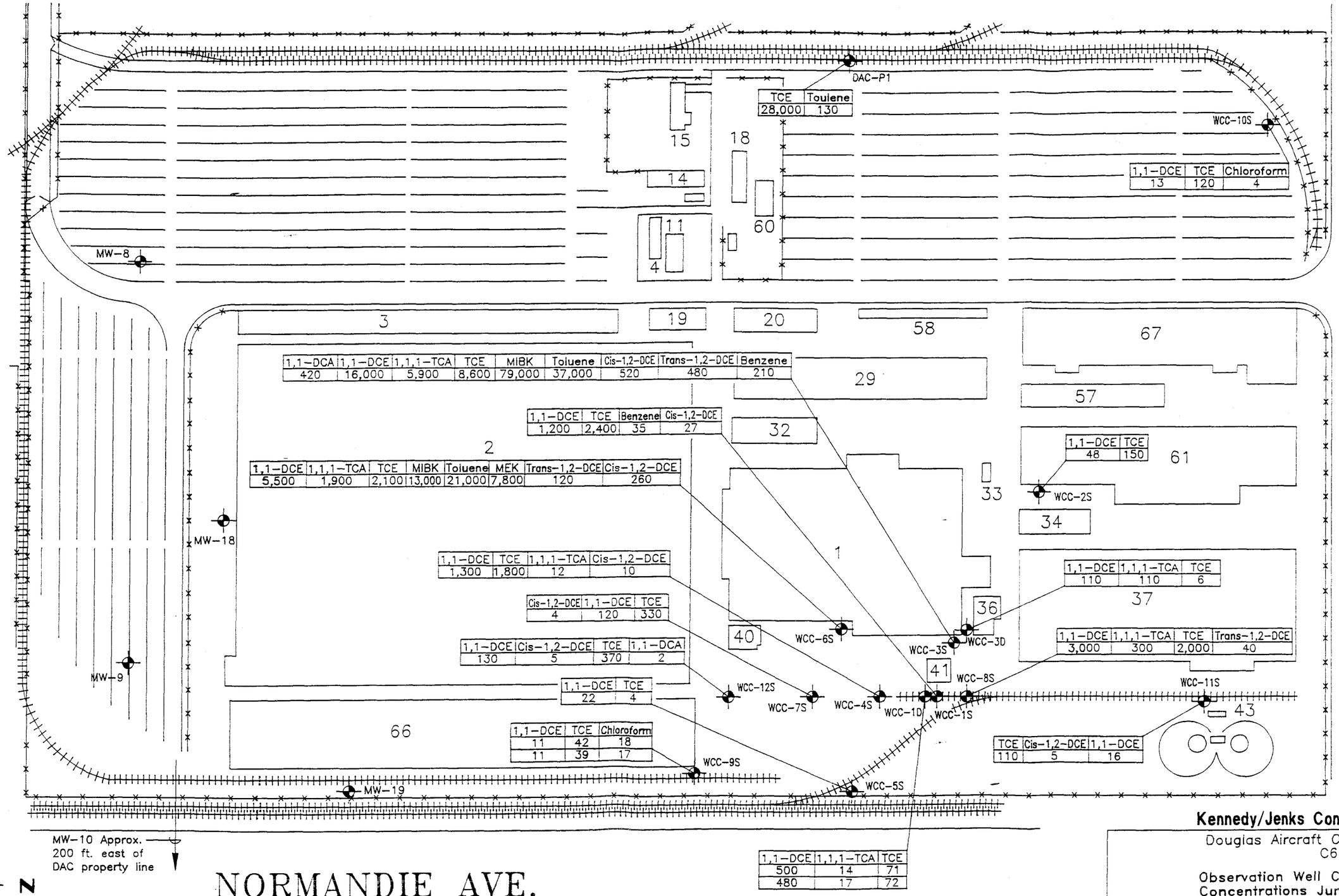
Douglas Aircraft Company
C6 Facility

Groundwater Observation Well Locations

July 1993
K/J 924010.01

Figure 2

BOE-C6-0065059



LEGEND

WCC-1S Observation Well Location Designation

NOTES:

1. Samples Analyzed by EPA Method 8240
2. All Results Reported in ug/l (ppb)
3. Wells MW-8,-9,-10,-18 and -19 installed by Montrose Chemical Corporation
4. Duplicate samples were analyzed for wells WCC-9S and WCC-1D

Kennedy/Jenks Consultants

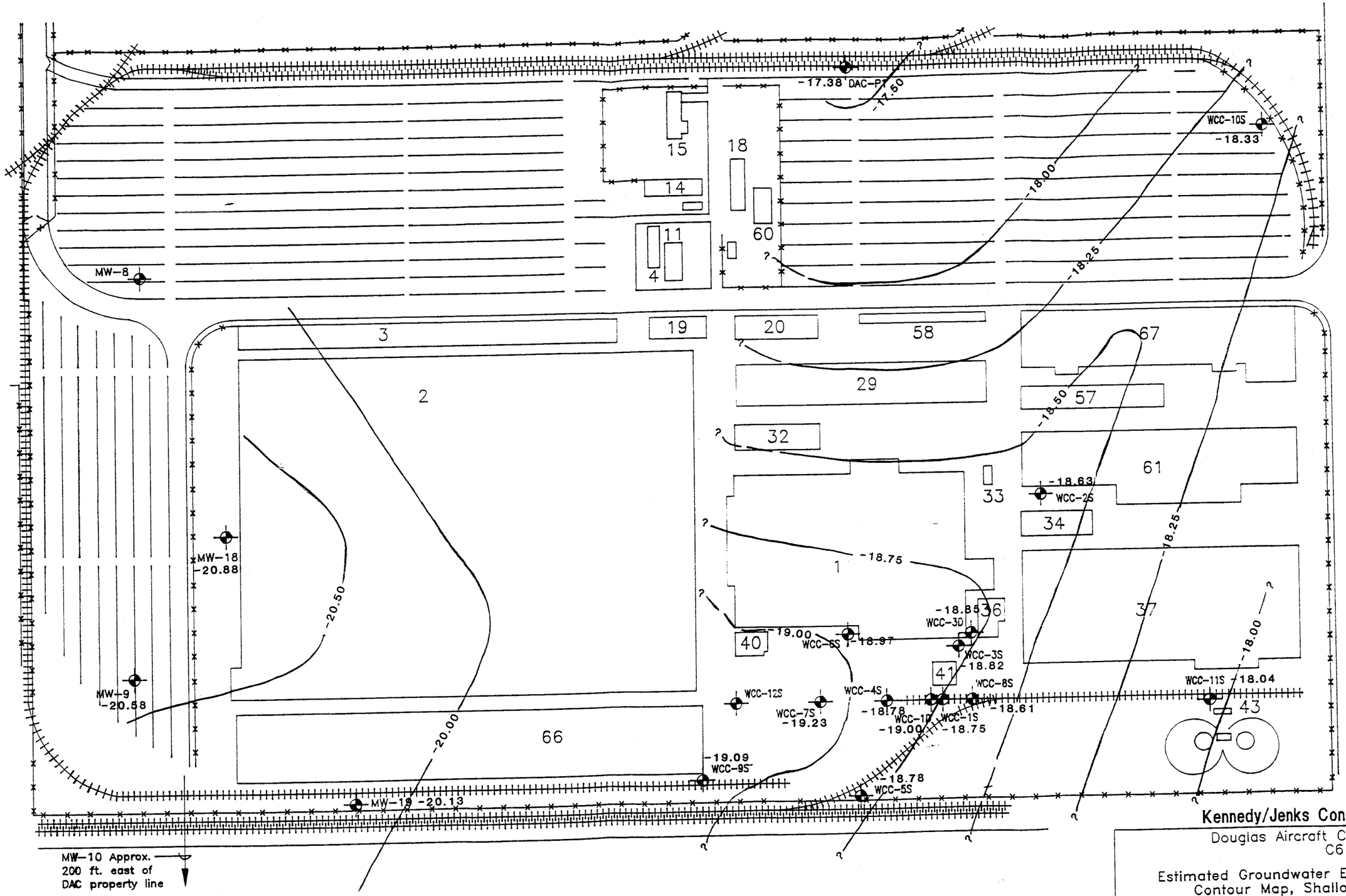
Douglas Aircraft Company
C6 Facility

Observation Well Chemical Concentrations June 1993 Sampling Event

July 1993
K/J 924010.01

Figure 3

BOE-C6-0065060



BOE-C6-0065061

APPENDIX A

LABORATORY DATA SHEETS

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-1S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	400
Benzene	71-43-2	35	20
Bromobenzene	108-86-1	ND	20
Bromochloromethane	74-97-5	ND	40
Bromodichloromethane	75-27-4	ND	20
Bromoform	75-25-2	ND	20
Bromomethane	74-83-9	ND	40
2-Butanone	78-93-3	ND	400
n-Butylbenzene	104-51-8	ND	20
sec-Butylbenzene	135-98-8	ND	20
tert-Butylbenzene	98-06-6	ND	20
Carbon tetrachloride	56-23-5	ND	20
Carbon disulfide	75-15-0	ND	20
Chlorobenzene	108-90-7	ND	20
Chloroethane	75-00-3	ND	40
Chloroform	67-66-3	ND	20
Chloromethane	74-87-3	ND	40
2-Chlorotoluene	95-49-8	ND	20
4-Chlorotoluene	106-43-4	ND	20
Dibromochloromethane	124-48-01	ND	20
1,2-Dibromo-3-chloropropane	96-12-8	ND	40
Dibromomethane	74-95-3	ND	20
1,2-Dibromoethane	106-93-4	ND	20
1,2-Dichlorobenzene	95-50-1	ND	20
1,3-Dichlorobenzene	541-73-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	20
1,1-Dichloroethane	75-34-3	ND	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	1200	40
cis-1,2-Dichloroethene	156-59-2	27	20
trans-1,2-Dichloroethene	156-60-5	ND	20
1,2-Dichloropropane	78-87-5	ND	20

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-1S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	2400	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 chloride	75-01-4	ND	40
o-Xylene	95-47-6	ND	20
p,m-Xylene	1330-20-7	ND	20

ND; Not Detectable
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*Estimated Value

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-2S-5		

Volatile Organic Compounds, EPA 8240/8260

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

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-2S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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	150	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-3S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	2,000
Benzene	71-43-2	210	100
Bromobenzene	108-86-1	ND	100
Bromochloromethane	74-97-5	ND	200
Bromodichloromethane	75-27-4	ND	100
Bromoform	75-25-2	ND	100
Bromomethane	74-83-9	ND	200
2-Butanone	78-93-3	ND	2,000
n-Butylbenzene	104-51-8	ND	100
sec-Butylbenzene	135-98-8	ND	100
tert-Butylbenzene	98-06-6	ND	100
Carbon tetrachloride	56-23-5	ND	100
Carbon disulfide	75-15-0	ND	100
Chlorobenzene	108-90-7	ND	100
Chloroethane	75-00-3	ND	200
Chloroform	67-66-3	ND	100
Chloromethane	74-87-3	ND	200
2-Chlorotoluene	95-49-8	ND	100
4-Chlorotoluene	106-43-4	ND	100
Dibromochloromethane	124-48-01	ND	100
1,2-Dibromo-3-chloropropane	96-12-8	ND	200
Dibromomethane	74-95-3	ND	100
1,2-Dibromoethane	106-93-4	ND	100
1,2-Dichlorobenzene	95-50-1	ND	100
1,3-Dichlorobenzene	541-73-1	ND	100
1,4-Dichlorobenzene	106-46-7	ND	100
Dichlorodifluoromethane	75-71-8	ND	100
1,1-Dichloroethane	75-34-3	420	100
1,2-Dichloroethane	107-06-2	ND	100
1,1-Dichloroethene	75-35-4	16,000	200
cis-1,2-Dichloroethene	156-59-2	520	100
trans-1,2-Dichloroethene	156-60-5	480	100
1,2-Dichloropropane	78-87-5	ND	100

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-3S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
1,3-Dichloropropane	142-28-9	ND	100
2,2-Dichloropropane	594-20-7	ND	100
1,1-Dichloropropene	563-58-6	ND	100
cis-1,3-Dichloropropene	10061-01-5	ND	100
trans-1,3-Dichloropropene	10061-02-6	ND	100
Ethylbenzene	100-41-4	ND	100
Hexachlorobutadiene	87-68-3	ND	200
2-Hexanone	591-78-6	ND	1,000
Isopropylbenzene	98-82-8	ND	100
p-Isopropyltoluene	99-87-6	ND	100
Methylene chloride	75-09-2	ND	200
4-Methyl-2-pentanone	108-10-1	79,000	4,000
Naphthalene	91-20-3	ND	100
n-Propylbenzene	103-65-1	ND	100
Styrene	100-42-5	ND	100
1,1,1,2-Tetrachloroethane	630-20-6	ND	100
1,1,2,2-Tetrachloroethane	79-34-5	ND	100
Tetrachloroethene	127-18-4	ND	100
Toluene	108-88-3	37,000	400
1,2,3-Trichlorobenzene	87-61-6	ND	100
1,2,4-Trichlorobenzene	120-82-1	ND	100
1,1,1-Trichloroethane	71-55-6	5,900	100
1,1,2-Trichloroethane	79-00-5	ND	200
Trichloroethene	79-01-6	8,600	100
Trichlorofluoromethane	75-69-4	ND	100
1,2,3-Trichloropropane	96-18-4	ND	100
1,2,4-Trimethylbenzene	95-63-6	ND	100
1,3,5-Trimethylbenzene	108-67-8	ND	100
Vinyl chloride	75-01-4	ND	200
o-Xylene	95-47-6	ND	100
p,m-Xylene	1330-20-7	ND	100

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-4S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	200
Benzene	71-43-2	ND	10
Bromobenzene	108-86-1	ND	10
Bromochloromethane	74-97-5	ND	20
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	20
2-Butanone	78-93-3	ND	200
n-Butylbenzene	104-51-8	ND	10
sec-Butylbenzene	135-98-8	ND	10
tert-Butylbenzene	98-06-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Carbon disulfide	75-15-0	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	20
Chloroform	67-66-3	ND	10
Chloromethane	74-87-3	ND	20
2-Chlorotoluene	95-49-8	ND	10
4-Chlorotoluene	106-43-4	ND	10
Dibromochloromethane	124-48-01	ND	10
1,2-Dibromo-3-chloropropane	96-12-8	ND	20
Dibromomethane	74-95-3	ND	10
1,2-Dibromoethane	106-93-4	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	ND	10
1,2-Dichloroethane	107-06-2	ND	10
1,1-Dichloroethene	75-35-4	1300	20
cis-1,2-Dichloroethene	156-59-2	10	10
trans-1,2-Dichloroethene	156-60-5	ND	10
1,2-Dichloropropane	78-87-5	ND	10

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
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Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-4S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	40
4-Methyl-2-pentanone	108-10-1	ND	100
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	ND	10
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	12	10
1,1,2-Trichloroethane	79-00-5	ND	20
Trichloroethene	79-01-6	1800	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	ND	10
p,m-Xylene	1330-20-7	ND	10

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-5S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	22	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

ND; Not Detectable
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Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-5S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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	4.0	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/15/93
		Physical State:	Liquid
Sample ID:	WCC-6S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	2,000
Benzene	71-43-2	ND	100
Bromobenzene	108-86-1	ND	100
Bromochloromethane	74-97-5	ND	200
Bromodichloromethane	75-27-4	ND	100
Bromoform	75-25-2	ND	100
Bromomethane	74-83-9	ND	200
2-Butanone	78-93-3	7,800	2,000
n-Butylbenzene	104-51-8	ND	100
sec-Butylbenzene	135-98-8	ND	100
tert-Butylbenzene	98-06-6	ND	100
Carbon tetrachloride	56-23-5	ND	100
Carbon disulfide	75-15-0	ND	100
Chlorobenzene	108-90-7	ND	100
Chloroethane	75-00-3	ND	200
Chloroform	67-66-3	ND	100
Chloromethane	74-87-3	ND	200
2-Chlorotoluene	95-49-8	ND	100
4-Chlorotoluene	106-43-4	ND	100
Dibromochloromethane	124-48-01	ND	100
1,2-Dibromo-3-chloropropane	96-12-8	ND	200
Dibromomethane	74-95-3	ND	100
1,2-Dibromoethane	106-93-4	ND	100
1,2-Dichlorobenzene	95-50-1	ND	100
1,3-Dichlorobenzene	541-73-1	ND	100
1,4-Dichlorobenzene	106-46-7	ND	100
Dichlorodifluoromethane	75-71-8	ND	100
1,1-Dichloroethane	75-34-3	ND	100
1,2-Dichloroethane	107-06-2	ND	100
1,1-Dichloroethene	75-35-4	5,500	200
cis-1,2-Dichloroethene	156-59-2	260	100
trans-1,2-Dichloroethene	156-60-5	120	100
1,2-Dichloropropane	78-87-5	ND	100

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/15/93
		Physical State:	Liquid
Sample ID:	WCC-6S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
1,3-Dichloropropane	142-28-9	ND	100
2,2-Dichloropropane	594-20-7	ND	100
1,1-Dichloropropene	563-58-6	ND	100
cis-1,3-Dichloropropene	10061-01-5	ND	100
trans-1,3-Dichloropropene	10061-02-6	ND	100
Ethylbenzene	100-41-4	ND	100
Hexachlorobutadiene	87-68-3	ND	200
2-Hexanone	591-78-6	ND	1,000
Isopropylbenzene	98-82-8	ND	100
p-Isopropyltoluene	99-87-6	ND	100
Methylene chloride	75-09-2	ND	200
4-Methyl-2-pentanone	108-10-1	13,000	1,000
Naphthalene	91-20-3	ND	100
n-Propylbenzene	103-65-1	ND	100
Styrene	100-42-5	ND	100
1,1,1,2-Tetrachloroethane	630-20-6	ND	100
1,1,2,2-Tetrachloroethane	79-34-5	ND	100
Tetrachloroethene	127-18-4	ND	100
Toluene	108-88-3	21,000	100
1,2,3-Trichlorobenzene	87-61-6	ND	100
1,2,4-Trichlorobenzene	120-82-1	ND	100
1,1,1-Trichloroethane	71-55-6	1,900	100
1,1,2-Trichloroethane	79-00-5	ND	200
Trichloroethene	79-01-6	2,100	100
Trichlorofluoromethane	75-69-4	ND	100
1,2,3-Trichloropropane	96-18-4	ND	100
1,2,4-Trimethylbenzene	95-63-6	ND	100
1,3,5-Trimethylbenzene	108-67-8	ND	100
Vinyl chloride	75-01-4	ND	200
o-Xylene	95-47-6	ND	100
p,m-Xylene	1330-20-7	ND	100

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-7S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	120	4.0
cis-1,2-Dichloroethene	156-59-2	4.0	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-7S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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 chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-8S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	400
Benzene	71-43-2	ND	20
Bromobenzene	108-86-1	ND	20
Bromochloromethane	74-97-5	ND	40
Bromodichloromethane	75-27-4	ND	20
Bromoform	75-25-2	ND	20
Bromomethane	74-83-9	ND	40
2-Butanone	78-93-3	ND	400
n-Butylbenzene	104-51-8	ND	20
sec-Butylbenzene	135-98-8	ND	20
tert-Butylbenzene	98-06-6	ND	20
Carbon tetrachloride	56-23-5	ND	20
Carbon disulfide	75-15-0	ND	20
Chlorobenzene	108-90-7	ND	20
Chloroethane	75-00-3	ND	40
Chloroform	67-66-3	ND	20
Chloromethane	74-87-3	ND	40
2-Chlorotoluene	95-49-8	ND	20
4-Chlorotoluene	106-43-4	ND	20
Dibromochloromethane	124-48-01	ND	20
1,2-Dibromo-3-chloropropane	96-12-8	ND	40
Dibromomethane	74-95-3	ND	20
1,2-Dibromoethane	106-93-4	ND	20
1,2-Dichlorobenzene	95-50-1	ND	20
1,3-Dichlorobenzene	541-73-1	ND	20
1,4-Dichlorobenzene	106-46-7	ND	20
Dichlorodifluoromethane	75-71-8	ND	20
1,1-Dichloroethane	75-34-3	ND	20
1,2-Dichloroethane	107-06-2	ND	20
1,1-Dichloroethene	75-35-4	3,000	40
cis-1,2-Dichloroethene	156-59-2	ND	20
trans-1,2-Dichloroethene	156-60-5	40	20
1,2-Dichloropropane	78-87-5	ND	20

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-8S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	300	20
1,1,2-Trichloroethane	79-00-5	ND	40
Trichloroethene	79-01-6	2,000	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 chloride	75-01-4	ND	40
o-Xylene	95-47-6	ND	20
p,m-Xylene	1330-20-7	ND	20

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-9S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	18	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	11	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-9S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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	42	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	DW06793 Duplicate WCC-95-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	17	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	11	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	DW06793 Duplicate WCC-95-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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	39	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-10S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	4.0	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	13	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	WCC-10S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	120	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-11S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	16	4.0
cis-1,2-Dichloroethene	156-59-2	5.0	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-11S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	110	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-12S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	2.0	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	130	4.0
cis-1,2-Dichloroethene	156-59-2	5.0	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-12S-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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	370	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	DAC-P1-5		

Volatile Organic Compounds, EPA 8240/8260

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

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	DAC-P1-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
1,3-Dichloropropane	142-28-9	ND	100
2,2-Dichloropropane	594-20-7	ND	100
1,1-Dichloropropene	563-58-6	ND	100
cis-1,3-Dichloropropene	10061-01-5	ND	100
trans-1,3-Dichloropropene	10061-02-6	ND	100
Ethylbenzene	100-41-4	ND	100
Hexachlorobutadiene	87-68-3	ND	200
2-Hexanone	591-78-6	ND	1,000
Isopropylbenzene	98-82-8	ND	100
p-Isopropyltoluene	99-87-6	ND	100
Methylene chloride	75-09-2	ND	200
4-Methyl-2-pentanone	108-10-1	ND	1,000
Naphthalene	91-20-3	ND	100
n-Propylbenzene	103-65-1	ND	100
Styrene	100-42-5	ND	100
1,1,1,2-Tetrachloroethane	630-20-6	ND	100
1,1,2,2-Tetrachloroethane	79-34-5	ND	100
Tetrachloroethene	127-18-4	ND	100
Toluene	108-88-3	130	100
1,2,3-Trichlorobenzene	87-61-6	ND	100
1,2,4-Trichlorobenzene	120-82-1	ND	100
1,1,1-Trichloroethane	71-55-6	ND	100
1,1,2-Trichloroethane	79-00-5	ND	200
Trichloroethene	79-01-6	28,000	200
Trichlorofluoromethane	75-69-4	ND	100
1,2,3-Trichloropropane	96-18-4	ND	100
1,2,4-Trimethylbenzene	95-63-6	ND	100
1,3,5-Trimethylbenzene	108-67-8	ND	100
Vinyl chloride	75-01-4	ND	200
o-Xylene	95-47-6	ND	100
p,m-Xylene	1330-20-7	ND	100

ND; Not Detectable
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LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-1D-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	200
Benzene	71-43-2	ND	10
Bromobenzene	108-86-1	ND	10
Bromochloromethane	74-97-5	ND	20
Bromodichloromethane	75-27-4	ND	10
Bromoform	75-25-2	ND	10
Bromomethane	74-83-9	ND	20
2-Butanone	78-93-3	ND	200
n-Butylbenzene	104-51-8	ND	10
sec-Butylbenzene	135-98-8	ND	10
tert-Butylbenzene	98-06-6	ND	10
Carbon tetrachloride	56-23-5	ND	10
Carbon disulfide	75-15-0	ND	10
Chlorobenzene	108-90-7	ND	10
Chloroethane	75-00-3	ND	20
Chloroform	67-66-3	ND	10
Chloromethane	74-87-3	ND	20
2-Chlorotoluene	95-49-8	ND	10
4-Chlorotoluene	106-43-4	ND	10
Dibromochloromethane	124-48-01	ND	10
1,2-Dibromo-3-chloropropane	96-12-8	ND	20
Dibromomethane	74-95-3	ND	10
1,2-Dibromoethane	106-93-4	ND	10
1,2-Dichlorobenzene	95-50-1	ND	10
1,3-Dichlorobenzene	541-73-1	ND	10
1,4-Dichlorobenzene	106-46-7	ND	10
Dichlorodifluoromethane	75-71-8	ND	10
1,1-Dichloroethane	75-34-3	ND	10
1,2-Dichloroethane	107-06-2	ND	10
1,1-Dichloroethene	75-35-4	500	20
cis-1,2-Dichloroethene	156-59-2	ND	10
trans-1,2-Dichloroethene	156-60-5	ND	10
1,2-Dichloropropane	78-87-5	ND	10

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-1D-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	20
4-Methyl-2-pentanone	108-10-1	ND	100
Naphthalene	91-20-3	ND	10
n-Propylbenzene	103-65-1	ND	10
Styrene	100-42-5	ND	10
1,1,1,2-Tetrachloroethane	630-20-6	ND	10
1,1,2,2-Tetrachloroethane	79-34-5	ND	10
Tetrachloroethene	127-18-4	ND	10
Toluene	108-88-3	ND	10
1,2,3-Trichlorobenzene	87-61-6	ND	10
1,2,4-Trichlorobenzene	120-82-1	ND	10
1,1,1-Trichloroethane	71-55-6	14	10
1,1,2-Trichloroethane	79-00-5	ND	20
Trichloroethene	79-01-6	71	10
Trichlorofluoromethane	75-69-4	ND	10
1,2,3-Trichloropropane	96-18-4	ND	10
1,2,4-Trimethylbenzene	95-63-6	ND	10
1,3,5-Trimethylbenzene	108-67-8	ND	10
Vinyl chloride	75-01-4	ND	20
o-Xylene	95-47-6	ND	10
p,m-Xylene	1330-20-7	ND	10

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	DW06893 Duplicate WCC-1D-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	80
Benzene	71-43-2	ND	4.0
Bromobenzene	108-86-1	ND	4.0
Bromochloromethane	74-97-5	ND	8.0
Bromodichloromethane	75-27-4	ND	4.0
Bromoform	75-25-2	ND	4.0
Bromomethane	74-83-9	ND	8.0
2-Butanone	78-93-3	ND	80
n-Butylbenzene	104-51-8	ND	4.0
sec-Butylbenzene	135-98-8	ND	4.0
tert-Butylbenzene	98-06-6	ND	4.0
Carbon tetrachloride	56-23-5	ND	4.0
Carbon disulfide	75-15-0	ND	4.0
Chlorobenzene	108-90-7	ND	4.0
Chloroethane	75-00-3	ND	8.0
Chloroform	67-66-3	ND	4.0
Chloromethane	74-87-3	ND	8.0
2-Chlorotoluene	95-49-8	ND	4.0
4-Chlorotoluene	106-43-4	ND	4.0
Dibromochloromethane	124-48-01	ND	4.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	8.0
Dibromomethane	74-95-3	ND	4.0
1,2-Dibromoethane	106-93-4	ND	4.0
1,2-Dichlorobenzene	95-50-1	ND	4.0
1,3-Dichlorobenzene	541-73-1	ND	4.0
1,4-Dichlorobenzene	106-46-7	ND	4.0
Dichlorodifluoromethane	75-71-8	ND	4.0
1,1-Dichloroethane	75-34-3	ND	4.0
1,2-Dichloroethane	107-06-2	ND	4.0
1,1-Dichloroethene	75-35-4	480	8.0
cis-1,2-Dichloroethene	156-59-2	ND	4.0
trans-1,2-Dichloroethene	156-60-5	ND	4.0
1,2-Dichloropropane	78-87-5	ND	4.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	DW06893 Duplicate WCC-1D-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
1,3-Dichloropropane	142-28-9	ND	4.0
2,2-Dichloropropane	594-20-7	ND	4.0
1,1-Dichloropropene	563-58-6	ND	4.0
cis-1,3-Dichloropropene	10061-01-5	ND	4.0
trans-1,3-Dichloropropene	10061-02-6	ND	4.0
Ethylbenzene	100-41-4	ND	4.0
Hexachlorobutadiene	87-68-3	ND	8.0
2-Hexanone	591-78-6	ND	40
Isopropylbenzene	98-82-8	ND	4.0
p-Isopropyltoluene	99-87-6	ND	4.0
Methylene chloride	75-09-2	ND	10
4-Methyl-2-pentanone	108-10-1	ND	40
Naphthalene	91-20-3	ND	4.0
n-Propylbenzene	103-65-1	ND	4.0
Styrene	100-42-5	ND	4.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	4.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	4.0
Tetrachloroethene	127-18-4	ND	4.0
Toluene	108-88-3	ND	4.0
1,2,3-Trichlorobenzene	87-61-6	ND	4.0
1,2,4-Trichlorobenzene	120-82-1	ND	4.0
1,1,1-Trichloroethane	71-55-6	17	4.0
1,1,2-Trichloroethane	79-00-5	ND	8.0
Trichloroethene	79-01-6	72	4.0
Trichlorofluoromethane	75-69-4	ND	4.0
1,2,3-Trichloropropane	96-18-4	ND	4.0
1,2,4-Trimethylbenzene	95-63-6	ND	4.0
1,3,5-Trimethylbenzene	108-67-8	ND	4.0
Vinyl chloride	75-01-4	ND	8.0
o-Xylene	95-47-6	ND	4.0
p,m-Xylene	1330-20-7	ND	4.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-3D-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
Acetone	67-64-1	ND	40
Benzene	71-43-2	ND	2.0
Bromobenzene	108-86-1	ND	2.0
Bromochloromethane	74-97-5	ND	4.0
Bromodichloromethane	75-27-4	ND	2.0
Bromoform	75-25-2	ND	2.0
Bromomethane	74-83-9	ND	4.0
2-Butanone	78-93-3	ND	40
n-Butylbenzene	104-51-8	ND	2.0
sec-Butylbenzene	135-98-8	ND	2.0
tert-Butylbenzene	98-06-6	ND	2.0
Carbon tetrachloride	56-23-5	ND	2.0
Carbon disulfide	75-15-0	ND	2.0
Chlorobenzene	108-90-7	ND	2.0
Chloroethane	75-00-3	ND	4.0
Chloroform	67-66-3	ND	2.0
Chloromethane	74-87-3	ND	4.0
2-Chlorotoluene	95-49-8	ND	2.0
4-Chlorotoluene	106-43-4	ND	2.0
Dibromochloromethane	124-48-01	ND	2.0
1,2-Dibromo-3-chloropropane	96-12-8	ND	4.0
Dibromomethane	74-95-3	ND	2.0
1,2-Dibromoethane	106-93-4	ND	2.0
1,2-Dichlorobenzene	95-50-1	ND	2.0
1,3-Dichlorobenzene	541-73-1	ND	2.0
1,4-Dichlorobenzene	106-46-7	ND	2.0
Dichlorodifluoromethane	75-71-8	ND	2.0
1,1-Dichloroethane	75-34-3	ND	2.0
1,2-Dichloroethane	107-06-2	ND	2.0
1,1-Dichloroethene	75-35-4	110	4.0
cis-1,2-Dichloroethene	156-59-2	ND	2.0
trans-1,2-Dichloroethene	156-60-5	ND	2.0
1,2-Dichloropropane	78-87-5	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/17/93
		Physical State:	Liquid
Sample ID:	WCC-3D-5		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
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	110	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	6.0	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

APPENDIX B

LABORATORY/FIELD QUALITY CONTROL DATA SHEETS

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

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

LABORATORY REPORT

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Contact:	Mark Walden		
Project Name:	DAC	Date Sampled:	6/7/9/3-6/8/93
Project Address:	N/A	Date Received:	6/9/93
		Date Analyzed:	6/15/93-6/17/93
		Physical State:	Liquid

Quality Assurance/Quality Control Summary

Parameter (Method)	QC Type	MS Percent Recovery	MSD Percent Recovery	Acceptable Range	Relative Percent Difference	Acceptable Range
1,1, Dichloroethene (EPA 8240/8260)	M	111	109	61-145	2	0-14
Benzene (EPA 8240/8260)	M	98	100	76-127	1	0-11
Trichloroethene (EPA 8240/8260)	M	97	96	71-120	2	0-14
Toluene (EPA 8240/8260)	M	101	102	76-125	2	0-13
Chlorobenzene (EPA 8240/8260)	M	101	103	75-130	2	0-13
1,1, Dichloroethene (EPA 8240/8260)	M	104	102	61-145	1	0-14
Benzene (EPA 8240/8260)	M	115	113	76-127	1	0-11
Trichloroethene (EPA 8240/8260)	M	111	108	71-120	3	0-14
Toluene (EPA 8240/8260)	M	116	111	76-125	5	0-13
Chlorobenzene (EPA 8240/8260)	M	118	115	75-130	3	0-13

M = Matrix Spike / Matrix Spike Duplicate

L = Laboratory Control Sample Spike / Spike Duplicate

Reviewed

Approved

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/15/93
		Physical State:	Liquid
Sample ID:	TB06793		

Volatile Organic Compounds, EPA 8240/8260

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

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/15/93
		Physical State:	Liquid
Sample ID:	TB06793		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	3.0	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	TB06893		

Volatile Organic Compounds, EPA 8240/8260

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

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	TB06893		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	3.0	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	FB06793		

Volatile Organic Compounds, EPA 8240/8260

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

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/7/93
Project Address:	N/A	Date Analyzed:	6/16/93
		Physical State:	Liquid
Sample ID:	FB06793		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/14/93
		Physical State:	Liquid
Sample ID:	FB6893		

Volatile Organic Compounds, EPA 8240/8260

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

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

LABORATORY RESULTS

Client:	Kennedy/Jenks Consultants	Report Date:	6/23/93
Client Address:	17310 Red Hill Avenue, Suite 220 Irvine, CA 92714	Lab P.N.:	4967
		Client P.N.:	N/A
Project Name:	DAC	Date Sampled:	6/8/93
Project Address:	N/A	Date Analyzed:	6/14/93
		Physical State:	Liquid
Sample ID:	FB6893		

Volatile Organic Compounds, EPA 8240/8260

Parameters	CAS #	Conc. µg/l	Quantitation limit µg/l
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	4.0
4-Methyl-2-pentanone	108-10-1	ND	20
Naphthalene	91-20-3	ND	2.0
n-Propylbenzene	103-65-1	ND	2.0
Styrene	100-42-5	ND	2.0
1,1,1,2-Tetrachloroethane	630-20-6	ND	2.0
1,1,2,2-Tetrachloroethane	79-34-5	ND	2.0
Tetrachloroethene	127-18-4	ND	2.0
Toluene	108-88-3	ND	2.0
1,2,3-Trichlorobenzene	87-61-6	ND	2.0
1,2,4-Trichlorobenzene	120-82-1	ND	2.0
1,1,1-Trichloroethane	71-55-6	ND	2.0
1,1,2-Trichloroethane	79-00-5	ND	4.0
Trichloroethene	79-01-6	ND	2.0
Trichlorofluoromethane	75-69-4	ND	2.0
1,2,3-Trichloropropane	96-18-4	ND	2.0
1,2,4-Trimethylbenzene	95-63-6	ND	2.0
1,3,5-Trimethylbenzene	108-67-8	ND	2.0
Vinyl chloride	75-01-4	ND	4.0
o-Xylene	95-47-6	ND	2.0
p,m-Xylene	1330-20-7	ND	2.0

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

APPENDIX C

GROUNDWATER PURGE AND SAMPLE FORMS

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6-8-93

Well Number WCC-15 Well Depth 88.5 Well Diameter 2" Casing Material PVC

Sampling Crew MW, , , ,

Type of Pump Submersible Sampler SS bailer

Weather Conditions Clear, 80's

Time	Water Level	~~Pump~~ bailed	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.45								
~~0800~~									
1020		1				25	7.46	1300	Silty
		3				25	7.48	1250	"
		4				25	7.67	1360	"
		7				25	7.68	1360	"
		9				25	7.62	1340	"

3 Well Volumes = (88.5 − 69.45) 0.16 × 3) = 9 gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6·7·93

Well Number WCC-25 Well Depth 90.5 Well Diameter 4" Casing Material PVC

Sampling Crew MW , , ,

Type of Pump Submersible Sampler S.S. Bailer

Weather Conditions Clear, 70's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.22								
253		ON							
253			1			30	7.75	1110	Clear
254			6			25	7.78	1100	Sl. silty
255			15			25	7.77	1100	Silty, sandy
256			25			25	7.75	1090	"
257			30			25	7.74	1070	"
258			40			25	7.71	1050	"
259			45			25	7.73	1100	Sandy

3 Well Volumes = (90.5 - 69.22) x 0.65 x 3 = 42 gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6-8-93

Well Number WCC-3S Well Depth 90 Well Diameter 4" Casing Material PVC

Sampling Crew MW, _____, _____, _____

Type of Pump Submersible Sampler SS bailer

Weather Conditions Clear, 80's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	70.01								
250		ON							
251		1				26	7.37	1760	Clear, strong solvent odor
253		10				25	7.43	1690	"
255		15				25	7.44	1690	"
256		25				25	7.45	1610	"
258		35				25	7.41	1590	"
259		40				25	7.41	1570	"
				Sample					
				~~WCC-3S-5~~					
				WCC-3S-5					

3 Well Volumes = $(90 - 70.01)(0.65)(3) = 39$ gal

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAL Date 6.8.93

Well Number WCC-4S Well Depth 90' Well Diameter 4" Casing Material ____

Sampling Crew MW, ____, ____, ____

Type of Pump Sub Sampler SShailer

Weather Conditions Clear, 80's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	68.47								
946		ON							
947		1				28	7.54	1160	Slightly
949		8				25	7.51	1190	Clear
951		15				25	7.53	1090	"
952		20				25	7.51	1080	"
953		30				25	7.51	1080	"
954		40				25	7.48	1050	"
955		45				25	7.50	1040	"
				Sample					
				WCC-4S					

3 Well Volumes = (~~140~~ 90 - 68.47) x 0.65 x 3 = 42 gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6/7/93

Well Number WCC-SS Well Depth 91' Well Diameter 4" Casing Material ____

Sampling Crew MW, ____, ____, ____

Type of Pump SS. Submersible Sampler SS bailer

Weather Conditions Clear 70's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
1048			1			27	7.23	1405	silty
1049			7			25	7.15	1370	Sl. silty
1051			12			24	7.06	1360	Sl. silty
1053			20			24	7.03	1360	Clear
1054			25			24	7.00	1350	"
1055			30			24	6.99	1360	"
1057			35			24	6.98	1360	"
1058			40			24	6.99	1350	"
1059			47			24	6.97	1350	"
			3 vials - WCC-SS-S						
				1110					

3 Well Volumes = (91-67) x 0.65 x 3 = 46.8, 47 gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAL Date 6/8/93

Well Number WCC-6S Well Depth 90 Well Diameter 4" Casing Material PVC

Sampling Crew MW, , , ,

Type of Pump Submersible Sampler SS bailer

Weather Conditions Clear, 80's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.92								
		ON							
215		ON	1						
216			1			25	7.71	990	clear, solvent odor
218			5			26	7.43	1140	"
220			15			25	7.59	1040	"
222			25			25	7.59	1000	"
223			30			25	7.59	1010	"
225			40			25	7.59	1000	"
				Sample					
				WCC-6S-5					

3 Well Volumes = $(90 - 69.92) \times 0.65 \times 3 = 39$ gal

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6.7.93

Well Number WCC-7S Well Depth 90 4" Well Diameter 4" Casing Material

Sampling Crew MW , , ,

Type of Pump Submersible Sampler S.S. Bailer

Weather Conditions Clear

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	67.52								
324		ON							
330			1			30	7.45	910	Sl. Silty
332			10			25	7.41	830	"
334			20			25	7.45	790	Clear
335			30			24	7.47	780	Clear
337			40			24	7.45	780	"
338			45			24	7.43	780	"
				Sample.					
				WCC-7S-5					

3 Well Volumes = $(90 - 67.52) \times 0.65 \times 3 = 44$ gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6-8-93

Well Number WCC-85 Well Depth 90 Well Diameter 4" Casing Material PVC

Sampling Crew MW , , ,

Type of Pump Submersible Sampler S.S. Bailer

Weather Conditions Clear, 80's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.17								
1230		ON	1			31	7.47	1580	Silty
1235			10			25	7.56	1560	"
1238			20			25	7.54	1560	Clear
1239			25			25	7.60	1550	"
1241			35			25	7.57	1560	"
1243			45			25	7.58	1550	"
				Sample					
				WCC-85-5					

3 Well Volumes = $(90 - 69.17)(0.65)(3) = 41$ gal

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6·7·93

Well Number WCC-95 Well Depth 90 Well Diameter 4" Casing Material PVC

Sampling Crew MW, _____, _____, _____

Type of Pump Submersible Sampler SS. bailer

Weather Conditions _____

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	66.10								
1131			1			28	7.53	1350	Silty
1133			10			25	7.42	1080	"
1135			15			25	7.42	1080	Sl. silty
			20			25	7.35	1060	"
1038			30			25	7.37	1070	clear
1041			40			25	7.28	1060	"
1043			50			25	7.31	1060	"
				Sample:					
				WCC-95-5 +					
				DW062793					

3 Well Volumes = (90 − 66.10) x 0.65 x 3 = 47 gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6/7/93

Well Number WCC-105 Well Depth 90 Well Diameter 4" Casing Material

Sampling Crew MW , , ,

Type of Pump Submersible Sampler S.S. bailer

Weather Conditions

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.45								
							7		
123			1			30	7.28	810	silty
124			8			25	7.37	770	clear
127			15			25	7.39	770	"
130			25			25	7.37	770	"
133			35			25	7.41	760	"
135			45			25	7.49	760	"
136			50			25	7.49	750	"
				Sample:					
				WCC-105-5					

3 Well Volumes = $(90-69.45) \times 0.65 \times 3 = 40$ gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6/7/93

Well Number WCC-115 Well Depth 90 Well Diameter 4" Casing Material PVC

Sampling Crew MW, ____, ____, ____

Type of Pump Submersible Sampler S.S. bailer

Weather Conditions Clear, 70's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	68.01								
210		ON							
211			1			25	7.52	1220	Silty
213			7			24	7.58	1170	"
215			15			24	7.61	1240	"
217			20			24	7.61	1230	"
219			30			24	7.61	1230	"
220			35			24	7.60	1200	Sl. Silty
221			40			24	7.60	1200	Clear
222			45			24	7.60	1200	Clear
223	off								

3 Well Volumes = (90 - 68.01)(0.65)(3) = 43 gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6-7-93

Well Number WCC-12S Well Depth 90.5 Well Diameter 4" Casing Material PVC

Sampling Crew MW, , , ,

Type of Pump Sub. Sampler SS, bailer

Weather Conditions Clear, 70's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	66.12								
002		ON							
002		1				29	7.23	1110	Sl. Silty
004		10				25	7.33	1020	Sl. Silty
005		15				25	7.38	950	"
007		25				25	7.41	950	"
009		35				25	7.41	[illegible]	"
011		45				25	7.40	970	"
012		50				25	7.39	970	"
030				Sample					
				WCC-12S-S					

3 Well Volumes = $(90.5 - 66.12)(0.65)(3) = 48$ gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6.8.93

Well Number DAC-P1-1 Well Depth 90 Well Diameter 4" Casing Material PVC

Sampling Crew MW , , ,

Type of Pump Submersible Sampler SS bailer

Weather Conditions

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.82								
			1			29	7.62	1320	Sl. silty
			8			25	7.61	1290	"
			15			25	7.71	1260	"
			20			26	7.70	1250	"
			30			26	7.56	1250	"
			35			26	7.74	1310	"
			40			26	7.66	1310	"
					Sample DAC-P1-5				

3 Well Volumes = $(90 - 69.82) \times 0.65 \times 3 = 39$ gal.

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6-8-93

Well Number WCC-1D Well Depth 140 Well Diameter 4" Casing Material PVC

Sampling Crew MW, ____, ____, ____

Type of Pump Sub Sampler SSbailer

Weather Conditions Clear, 80's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	69.45								
850	ON	1				27	7.53	550	Clear
854		20				25	7.50	620	"
856		40				25	7.20	610	"
858		60				25	7.21	610	"
900		80				25	7.24	610	"
902		100				25	7.25	610	"
904		120				25	7.25	600	"
906		140				25	7.24	590	"
				WCC-1D-5					
				DW06893					

3 Well Volumes = (140 - 69.45)(0.65)(3) = 138 gal

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

GROUNDWATER SAMPLING RECORD

Facility Name DAC Date 6-8-93

Well Number WCC-3D Well Depth 140 Well Diameter 4" Casing Material PVC

Sampling Crew MW , , ,

Type of Pump Submersible Sampler SS bailer

Weather Conditions Clear, 80's

Time	Water Level	Pump	Volume Pumped (gal)	Pumping Rate (gpm)	Sample Collection	Temp (°C)	pH	Cond (uS)	Clarity
	70.03								
116		ON							
117		1	1			25	7.60	620	Clear
118			20			25	7.74	520	"
119			30			25	7.80	580	"
120			40			25	7.80	550	"
121			50			25	7.81	570	"
123			60			25	7.79	560	"
126			70			25	7.80	580	"
129			80			25	7.76	570	"
132			90			25	7.83	590	"
135			100			25	7.89	560	"
138			120			25	7.87	570	"
141			130			25	7.92	580	"
142			135			25	7.91	580	"
144			140			25	7.93	570	

3 Well Volumes = (140 - 70.03) x 0.65 x 3 = 136 gal

Reference Well Volumes
2" well=0.16 gal/ft
4" well=0.65 gal/ft
6" well=1.5 gal/ft

Sample: WCC-3D-5

APPENDIX D

CHAIN-OF-CUSTODY RECORDS

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

Chain-Of-Custody Record

Client: Kennedy/Jenks Consultants
Date: 6·7·93
Project Name: DAC
Client Project #:
Project Address:
Turn Around Requested:
- [ ] Immediate Attention
- [ ] Rush 24-48 Hours
- [ ] Rush 72-96 Hours
- [x] Normal
- [ ] Mobile Lab

Project Contact:

TTL Project #: 1967
Page 1 of 3
Lab Use Only: Sample Condition as Received — Chilled ~~yes~~ no; Sealed yes ~~no~~

Analysis Requested: 8240

Sample ID	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A)										Number of Containers	Container/Comments
WCC-55-5		6/7/93	1110	IC23601	A	X		Please use								3-40ml vials
WCC-85-5			1140	IC23602	A	X		lowest dilution								3 "
WCC-105-5			1.25	IC23603	A	X		factor - Run								3 "
~~WC~~ DW06793			—	IC23604	A	X		2x if needed								3 "
FB06793			2:00	IC23605	A	X										2-40ml VOA vials
WCC-115-5			230	IC23606	A	X										3 40ml vials
TB06793				IC23607	A	X										1-40ml vial
WCC-25-5			315	IC23608	A	X										3- " "
WCC-75-5			350	IC23609	A	X										3- " "
WCC-125-5			430	IC23610	A	X										3- " "

Total Number of Containers: 27

Relinquished by (signature)	Date	Received by (signature)	Date
[signature]	6/9/93		
Company: Kennedy Jenks	Time: 830	Company	Time
Relinquished by (signature)	Date	Received by Laboratory (signature): [signature]	Date: 6/9/93
Company	Time	Company: TTL	Time: 830

Additional Comments:

BOE-C6-0065124

TERRA TECH LABS Inc.
ENVIRONMENTAL TESTING
1920 E Deere Ave, Suite 130
Santa Ana, CA 92705
Tel 714 757 7022
Fax 714 757 7274

Chain-Of-Custody Record

Client: Kennedy/Jenks Consultants
Date: 6/8/93
Project Name: DAC
Client Project #:
Project Address:
Project Contact:

Turn Around Requested:
- [ ] Immediate Attention
- [ ] Rush 24-48 Hours
- [ ] Rush 72-96 Hours
- [x] Normal
- [ ] Mobile Lab

TTL Project #: 4967
Page: 2 of 3

Lab Use Only
Sample Condition as Received
Chilled ~~Yes~~ No
Sealed Yes ~~No~~

Analysis Requested: 8240

Sample ID	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A)										Number of Containers	Container/Comments
WCC-10-5		6/8/93	915	IC23531	A	X		Please use lowest							3	40ml VOA
WCC-45-5			1010	IC23532	A	X		dilution factor							3	"
DW06893			[redacted]	IC23533	A	X		Run 2x if							3	"
WCC-15-5			1045	IC23534	A	X		needed							3	"
[redacted]																
TB06893				IC23536	A	X									1	"
WCC-855			1245	IC23535	A	X									3	"
FB06893			130	IC23537	A	X									1	"
WCC-30-5			145	IC23538	A	X									3	"
WCC-16-5			235	IC23539	A	X									3	"
															23	Total Number of Containers

Relinquished by (signature)	Date	Received by (signature)	Date
[signature]	6/9/93		
Company: Kennedy/Jenks	Time: 830	Company	Time
Relinquished by (signature)	Date	Received by Laboratory (signature): [signature]	Date: 6/9/93
Company	Time	Company: TTL	Time: 830

Additional Comments

BOE-C6-0065125

TERRA TECH LABS Inc
ENVIRONMENTAL TESTING
1920 E. Deere Ave., Suite 130
Santa Ana, CA 92705
Tel 714 757 7022
Fax 714 757 7274

Chain-Of-Custody Record

Client: Kennedy/Jenks Consultants
Date: 6-8-93
Project Name: DAC
Client Project #:
Project Address:
Project Contact:
Turn Around Requested:
- [ ] Immediate Attention
- [ ] Rush 24-48 Hours
- [ ] Rush 72-96 Hours
- [x] Normal
- [ ] Mobile Lab

TTL Project #: 4967
Page: 2 of 2
Lab Use Only
Sample Condition as Received
Chilled ~~yes~~ | | no
Sealed | | ~~yes~~ | | ~~no~~

Analysis Requested: 8240

Sample ID	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A)	8240								Number of Containers	Container/Comments
DAC-P1-5		6/8		IC23540	A	X		Please use							3-40ml VOA vials
WCC35-5		"	315	IC23541	A	X		lowest dilution							3 "
								factor run							
								2x if needed							

❶ Relinquished by (signature): [signature]	Date: 6/9/93	❷ Received by (signature):	Date:		6 Total Number of Containers
Company: Kennedy/Jenks	Time: 830	Company:	Time:	Additional Comments:	
❸ Relinquished by (signature):	Date:	❹ Received by Laboratory (signature): [signature]	Date: 6/9/93		
Company:	Time:	Company: TTL	Time: 830		

BOE-C6-0065126