BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LONG ANGELES, CALIFORNIA

TECHNICAL MEMORANDUM
QUARTERLY REPORT NO. 8
THIRD QUARTER 2003
INTERIM ACTION FULL-SCALE SVE SYSTEM

To: **Mr. Brian Mossman**
Boeing Realty Corporation
3855 Lakewood Blvd.
Building 1A MC D001-0097
Long Beach, California 90846

From: **Haley & Aldrich, Inc.**

Date: **29 October 2003**

Subject: **Quarterly Report No. 8, Third Quarter 2003 Interim Action Full-Scale SVE System, Boeing Realty Corporation, Former C-6 Facility – Parcel C, Los Angeles, California**

Haley & Aldrich, Inc. has prepared this technical memorandum to summarize soil vapor extraction (SVE) activities conducted at the former Boeing C-6 Facility (Site), in Los Angeles, California. One SVE system is currently present on the Site; an interim action full-scale SVE system in the former Building 1/36 area (Figure 1). A second SVE system, previously located at the former Building 2 area, has been removed and permission to decommission the system was granted by the Regional Water Quality Control Board, Los Angeles Region (LARWQCB) on 2 April 2003.

This technical memorandum summarizes system operations, field measurements, vapor sampling and analysis, mass removal, extraction well optimization, and planned future SVE activities for the Building 1/36 SVE system.

BACKGROUND

Laboratory results for soil samples collected in the former Building 1/36 area at the Site indicated the presence of VOCs at depth, requiring remediation to prevent possible impact to groundwater. Based on the results of the investigations, shallow occurrences of impacted soil (less than 12 feet below ground surface) were excavated and disposed of at an approved facility. SVE was recommended for the remediation of deep impacted soil. Haley & Aldrich was contracted by Boeing Realty Corporation (BRC) to install and operate first an SVE pilot test system, and later a full-scale SVE system. Appropriate work plans for the SVE systems were submitted and approved by the LARWQCB in June 2001, and December 2001, respectively.

FORMER BUILDING 1/36

Initial pilot testing commenced in the Building 1/36 area in July 2001 and continued until October 2001, when site grading began. Due to site grading conflicts, the SVE pilot test system was removed and the SVE wells were abandoned. At the end of November 2001, one dual-completion well (1-VEW-24A/B) was re-installed and the pilot test system was re-started on 13 December 2001. An additional forty-one dual and single completion wells (1-VEW-1 through 1-VEW-26) were installed during the month of January 2002 as part of the interim action SVE system implementation. The location of the Building 1/36 SVE system is shown in Figure 1. The well field layout, including well screen depths, is shown on Figure 2.

During the second quarter of 2002, the pilot test system was shut down and replaced with a 1,000 standard cubic feet per minute (scfm) system. As a result of the change in equipment, operational up time for the second quarter 2002 was approximately 35% and it removed a total of approximately 4,196 pounds (lbs) of VOCs.

The Building 1/36 interim action SVE system consists of forty-three 3-inch diameter, single and dual-completion, SVE wells, a trailer-mounted 1,000-standard cubic feet per minute (scfm) blower system, three 8,000-lb granular activated carbon (GAC) vapor control vessels (primary, secondary, and stand-by), and associated piping. Haley & Aldrich began system operation on 15 May 2002.

On June 7, 2002, the system shut down due to apparent vandalism. The remediation progress prior to system shut down is shown in Figure 3 (3 June 2002). Exothermic reactions on the GAC beds continued until June 12, when upon discovery, the beds were quenched with water. Due to the GAC bed overheating, system damage occurred that required repair prior to re-start. GAC was removed from all three vessels on 13 June 2002.

In December 2002, twenty-five static vapor samples were collected from fourteen wells and the samples were submitted for laboratory analysis. These samples were collected in an effort to identify high concentrations of methyl ethyl ketone (MEK) prior to restarting the SVE system. MEK was reported above the method detection limit in 16 of the 25 samples collected in concentrations ranging from 0.0023 to 620 parts per million by volume (ppmv).

In March 2003 the installation of a GAC water quench system to control MEK heat generation was completed and the system was restarted on 11 March 2003. The procedures for restarting the SVE system included bringing the well field on-line in a phased approach. Wells that were not likely to yield MEK, (Category 3 wells), were brought on-line first, followed by wells that may yield MEK, (Category 2 wells), brought on-line second, and wells that were likely to yield MEK, (Category 1 wells), brought on line last. Throughout this process, flow rates and VOC and MEK concentrations/mass loading rates were closely monitored.

These start-up procedures were completed on 15 April 2003, and the system was fully operational until it was temporarily deactivated on 22 May 2003, so that modifications could be made to the South Coast Air Quality Management District (SCAQMD) permit to facilitate greater flexibility in GAC changeout procedures. Once modifications were complete and approved by the SCAQMD, the system was

reactivated on 27 June 2003. During the three remaining days in the quarter, similar staged activation steps were taken to manage MEK loading on the carbon vessels to control heat generation and system shut-down. During the third quarter of 2003, the system operated uninterrupted, as wells were added slowly to the influent stream, to limit carbon changeout frequency to a seven-day schedule. By 25 September 2003, vapors were being extracted from all 43 SVE wells.

THIRD QUARTER 2003 BUILDING 1/36 SVE OPERATION SUMMARY

Days of Operations	91
Available Days of Operation	92
Operational Time (%) (1 July to 30 September 2003)	99%
Mass Removed during Period (lbs)	2,970
Cumulative Mass Removed (lbs) (July '01-September '03)	17,841

OPERATIONS INFORMATION

Operational data and VOC mass removal for the SVE unit are tabulated and shown graphically in Attachment 1.

Over the third quarter, wells of higher concentration were phased into the influent stream, in order that the mass loading not exceed the one-week changeout capacity of the vessels. As of 25 September, all 43 extraction wells were added to the influent stream.

Total days of SVE system operation for this period were approximately 91, which is a result of planned down-time for equipment maintenance. This equates to an up-time of approximately 99 percent, which is shown in Attachment 1, Graph 1. A system maintenance log is also provided in Attachment 1.

The monthly and cumulative mass of VOCs removed by the Building 1/36 SVE system is shown in Attachment 1, Graph 3. Since 2 July 2001 (initial small-scale pilot test start-up) approximately 17,841 lbs. of VOCs have been extracted during approximately 7,783 hours of SVE unit operation. Operation of the SVE system is currently in compliance with the site-specific permit from the SCAQMD.

FIELD MEASUREMENTS

VOC concentrations were measured with a photoionization detector (PID) calibrated to 100 parts per million by volume (ppmv) hexane, as per the SCAQMD permit requirements, at the undiluted inlet, diluted inlet, between the GAC vessels, and at the exhaust stack. Flowrates were measured with a direct-reading flow meter or by hand-held Veloci-Calc™ meter. Additional measurements were collected during operation including vacuum readings at each extraction well, temperatures at the GAC vessels, and blower exhaust temperature. The combined well field influent VOC measurements are provided in Attachment 1, Table I and plotted in Attachment 1, Graph 2. Field measurements of flow, VOC concentration, and vacuum measured at each well head are provided in Attachment 1, Table III.

VAPOR SAMPLING AND ANALYSIS

For this period, a total of 9 vapor samples were collected in Tedlar bags from the inlet, mid-point, and exhaust of the process air stream and were delivered to a state-certified laboratory for analysis. These samples were collected for SCAQMD permit compliance as well as system performance evaluation. The vapor samples were collected using a Tedlar bag in a vacuum case. Laboratory analyses were conducted on these vapor grab samples using EPA Method 8260B/TO-14A. The laboratory results of the influent vapor sampling are summarized in Attachment 1, Table II.

Based on the results of the laboratory analysis of vapor grab samples, maximum undiluted inlet VOC concentrations in parts per billion by volume (ppbv) for the period are as follows:

- 1,1,1-Trichloroethane 44,000 ppbv
- Toluene 44,000 ppbv
- 2-Butanone (MEK) 27,000 ppbv
- 1,1-Dichloroethene (1,1-DCE) 2,000 ppbv
- Trichloroethene (TCE) 3,000 ppbv
- Ethyl-benzene 130 ppbv
- Methylene Chloride 800 ppbv
- Xylene 950 ppbv
- 1,1-Dichloroethane 260 ppbv
- Cis-1,2-Dichloroethene 190 ppbv
- 1,1,2-Trichloroethane 180 ppbv
- 1,2-Dichloroethane 120 ppbv

Figure 3 depicts past VOC concentrations and contours, as well as more recent field screening results and contours. MEK concentration contours, from December 2002 and from April 2003, are depicted on Figure 4 and the data are included in Attachment 1, Table IV.

EXTRACTION WELL OPTIMIZATION

Due to carbon exchange restraints (targeting scheduled breakthroughs at seven-day intervals), total system influent concentrations have generally been kept below 1,000 ppmv. The system has the capability to achieve considerably higher concentrations at this time; however, mass removal optimization is not being conducted, in order to target weekly carbon breakthrough.

ACTIVITIES FOR NEXT QUARTER

During the next quarter, as active well concentrations decline, extraction well settings will be optimized for VOC removal with consideration given to GAC vessels temperature, safe loading rates of MEK to the GAC vessels, and carbon change-out schedule.

A Fourth Quarter 2003 Report summarizing activities during the period October 2003 through December 2003 will be prepared and submitted to BRC in January 2004.

We appreciate the opportunity to provide environmental consulting services on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Richard M. Farson, PE
Senior Engineer

Scott P. Zachary
Project Manager

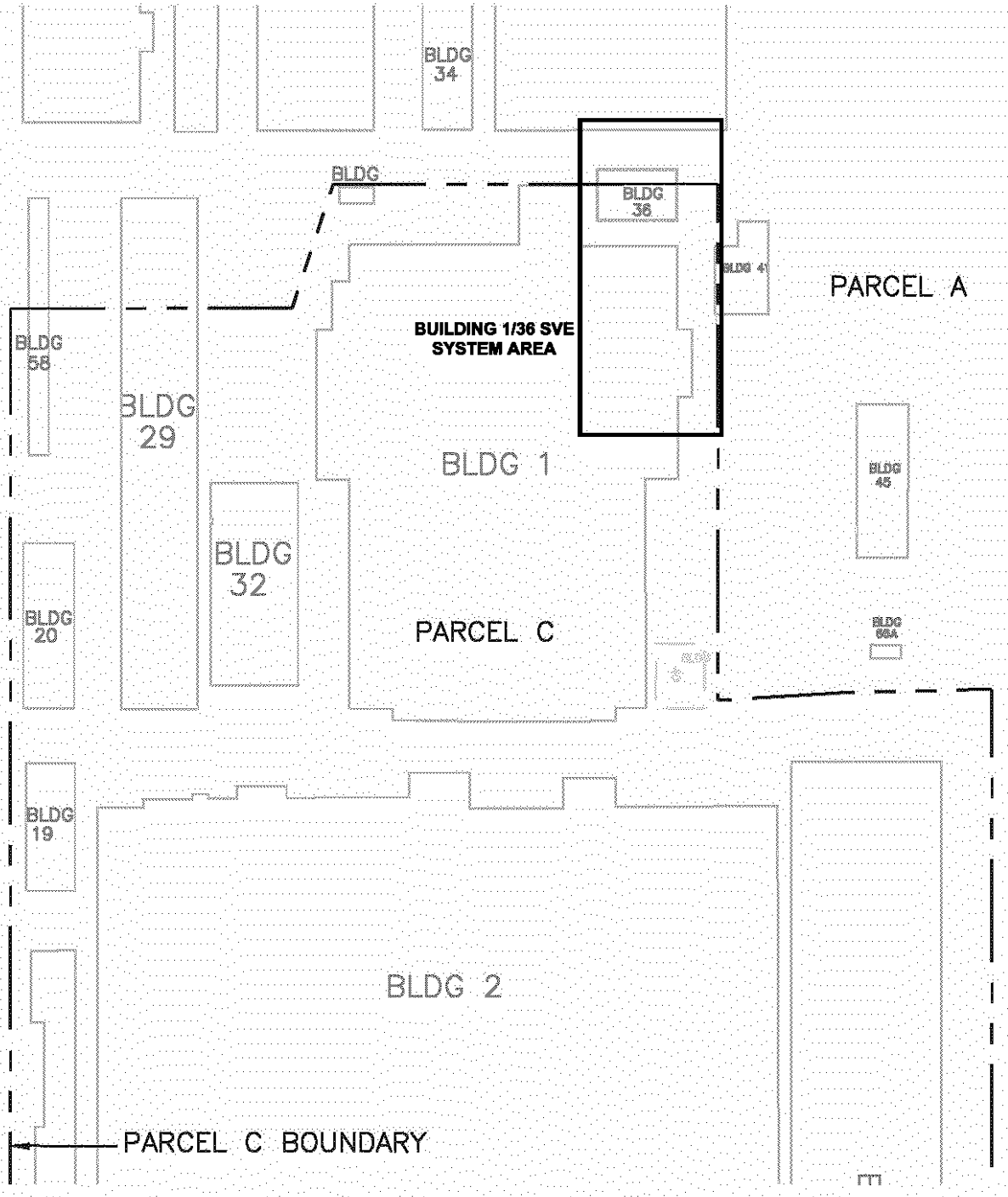
Enclosures:
- Figure 1 – SVE System Locations Building 1/36 and Building 2
- Figure 2 – Building 1/36 SVE Well Field Layout
- Figure 3 – Building 1/36 Wellhead VOC Concentration Contours
- Figure 4 – Building 1/36 Wellhead MEK Concentration Contours
- Attachment 1 – Building 1/36 SVE Operational Data

c: John Scott, Boeing
Scott Zachary, Haley & Aldrich
Richard Farson, Haley & Aldrich
File

REFERENCES

Haley & Aldrich, Inc., 2002. Toxic Risk Assessment for Building 2 SVE Extended Pilot Test System, November 27.

Hargis and Associates, Inc., 2002. Soil Vapor Extraction System Closure Standard Operating Procedure, Revision 1.0 prepared for the Boeing Realty Corporation C-1 Facility, December 18.



NOTE:
ALL BUILDINGS SHOWN IN THIS FIGURE WERE PREVIOUSLY REMOVED DURING DEMOLITION ACTIVITIES.

N

0 50 100 200
FEET

ALL DIMENSIONS AND LOCATIONS APPROXIMATE

SOURCE OF BASEMAP: KENNEDY JENKS CONSULTANTS, 2000, SAMPLING AND ANALYSIS PLAN, BOEING REALTY CORPORATION'S C-6 FACILITY, PARCEL C, LOS ANGELES, CA, AUGUST 16, 2000.

HALEY & ALDRICH

UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

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FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

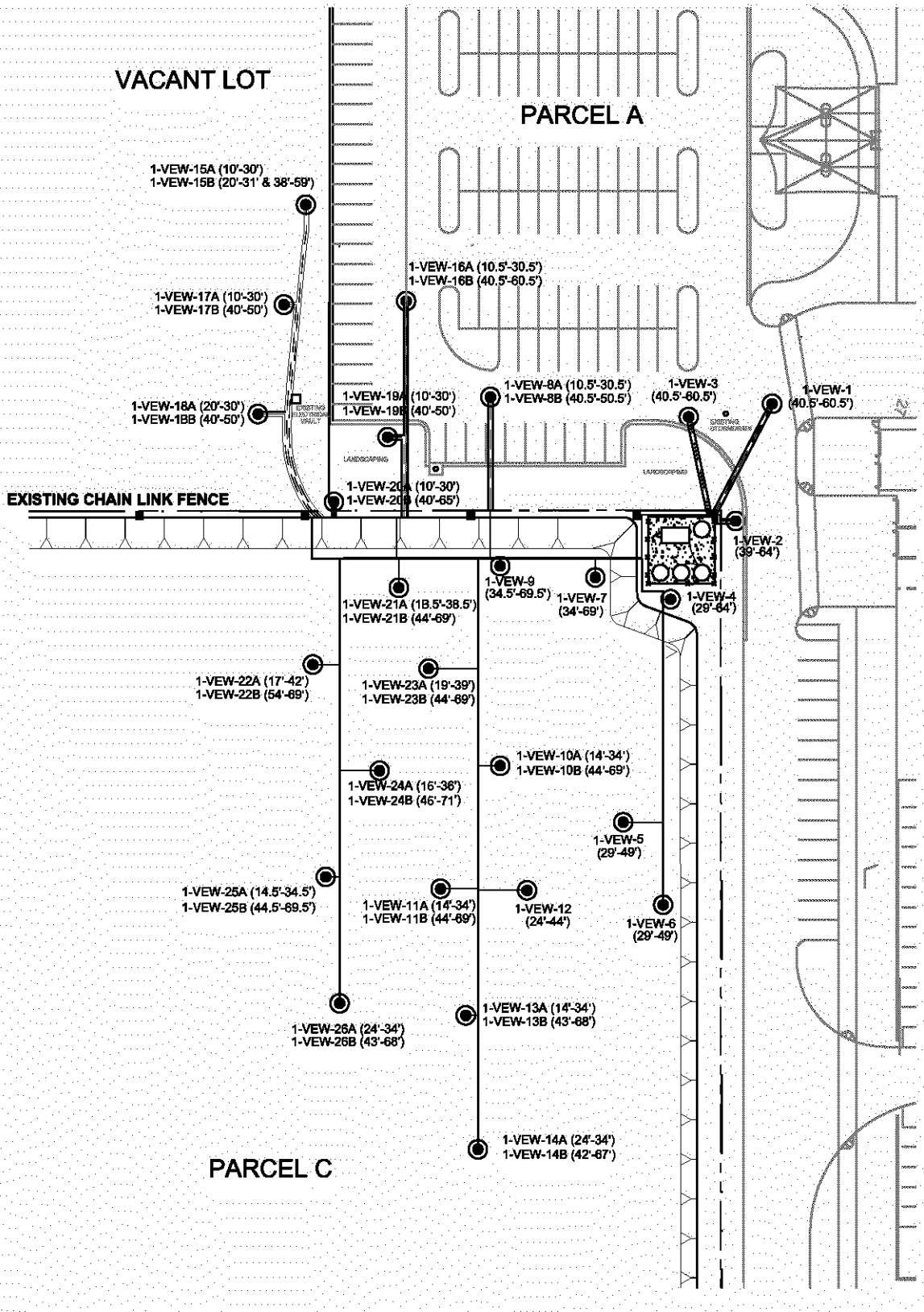
FIGURE 1

SVE SYSTEM LOCATIONS BUILDING 1/36 AND BUILDING 2

SCALE: AS SHOWN

OCTOBER 2003

(005) 28997A03



LEGEND

- TOP OF SLOPE — SLOPE
- VAPOR EXTRACTION WELL
- (40'-65') SCREEN INTERVAL
- PARCEL A/C PROPERTY LINE
- ABOVE GROUND PIPING
- BELOW GROUND PIPING

N

0 35 70
FEET

ALL DIMENSIONS AND LOCATIONS APPROXIMATE

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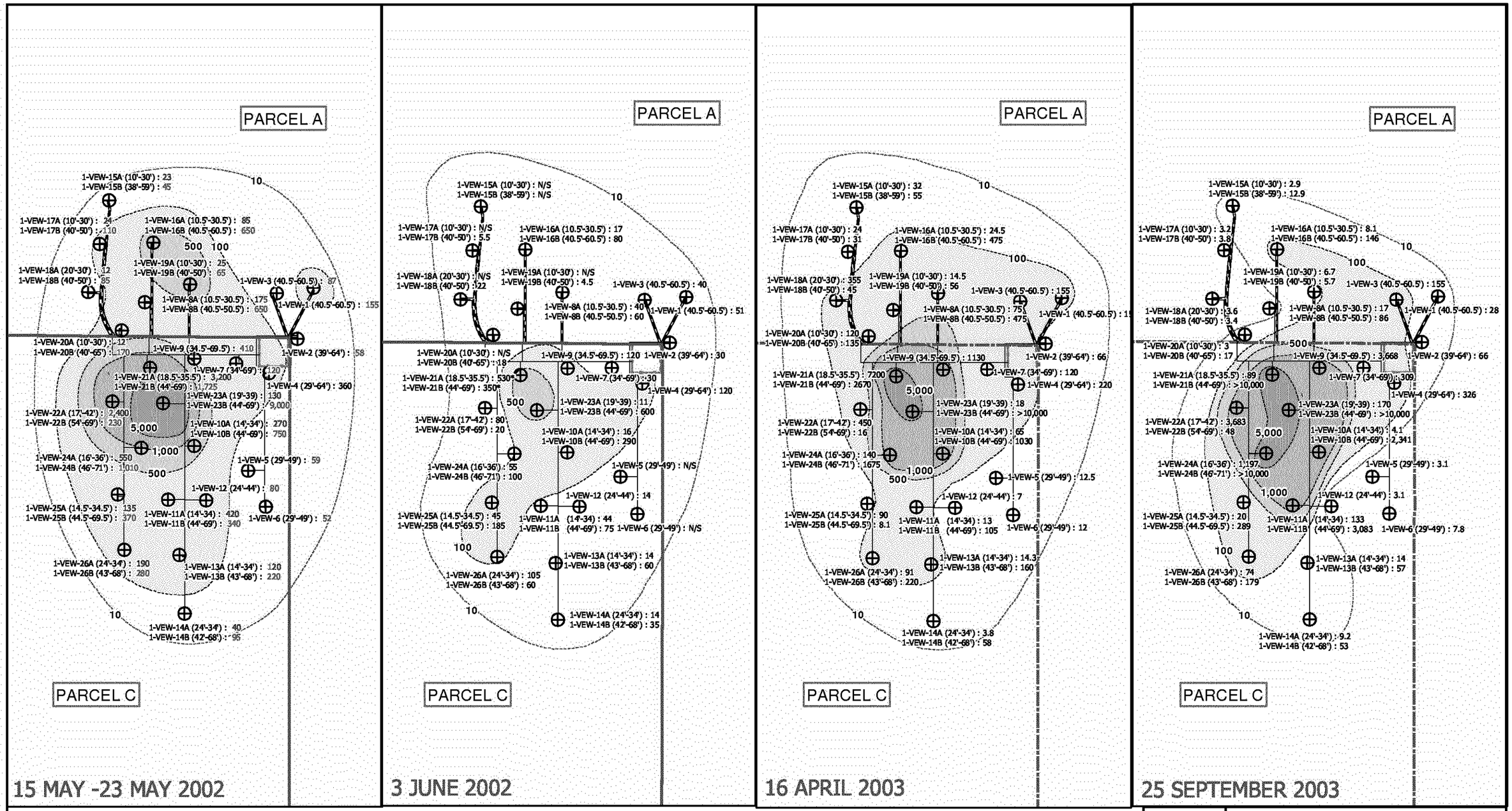
FIGURE 2

BUILDING 1/36 WELL FIELD LAYOUT

SCALE: AS SHOWN

OCTOBER 2003



Legend

- VOC - 10 ppmv - 100 ppmv
- VOC - 100 ppmv - 500 ppmv
- VOC - 500 ppmv - 1000 ppmv
- VOC - 1000 ppmv - 5000 ppmv
- VOC - > 5000 ppmv
- PARCEL A/C PROPERTY LINE
- 1-VEW-21A / 1-VEW-21B — VAPOR EXTRACTION WELL LOCATION

Note:
VOC concentrations based on field measurements using a Flame Ionization Detector (FID) calibrated to 100 ppm Hexane for the year 2002 data, and a Photo Ionization Detector (PID) calibrated to 100 ppm Hexane for the year 2003 data.

0 50 100 200 Feet

N

28882-602

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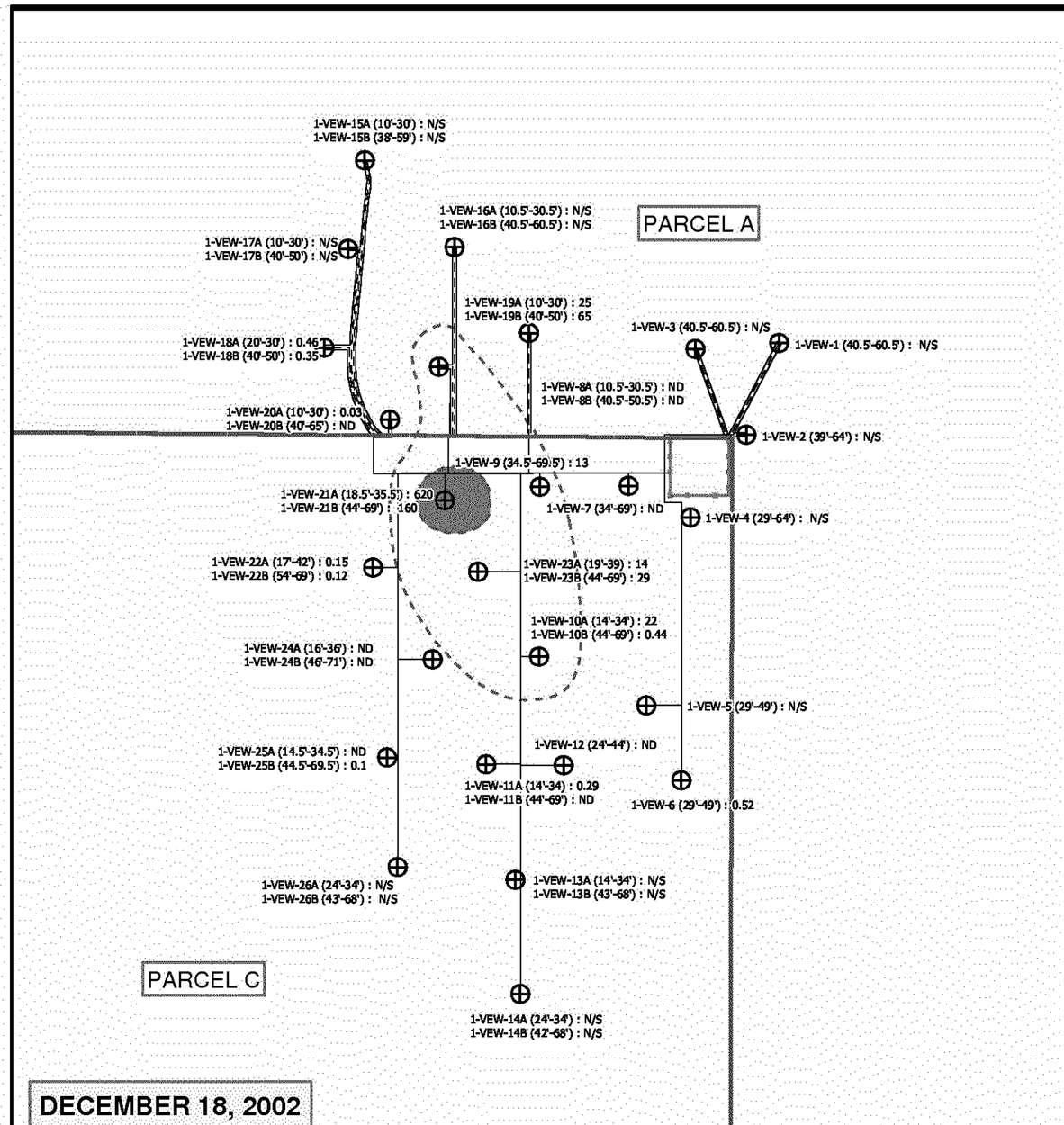
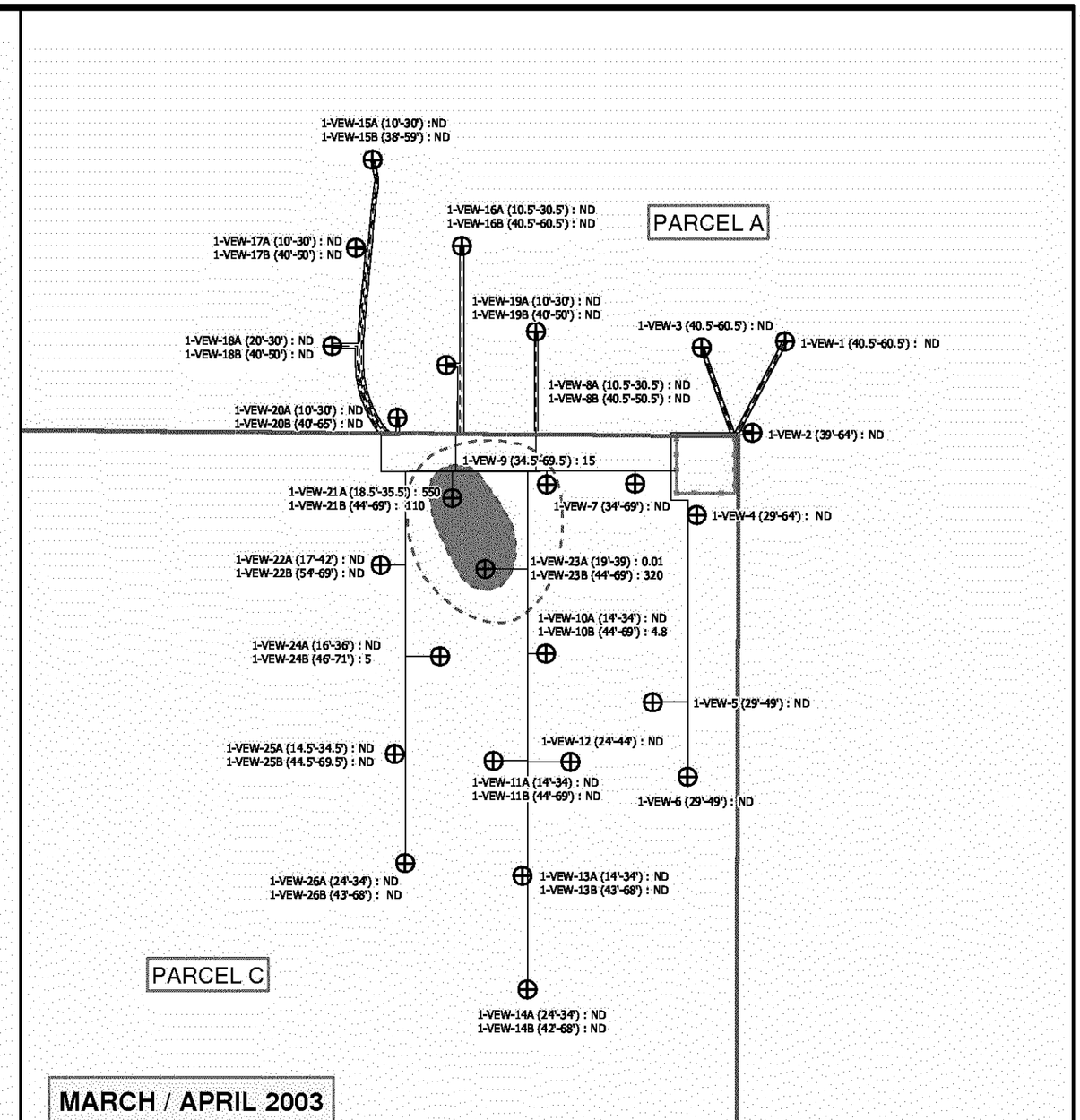
FIGURE 3

BUILDING 1/36
WELLHEAD VOC
CONCENTRATION CONTOURS

SCALE AS SHOWN

OCTEBER 2003





Legend

- **MEK** 10 - 100 PPMV
- **MEK** > 100 PPMV
- PARCEL A/C PROPERTY LINE
- 1-VEW-21A / 1-VEW-21B — Vapor Extraction Well Location
- N/S — Not Sampled
- ND — Not Detected

N

0 35 70 140 210 Feet

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FIGURE 4

WELLHEAD MEK CONCENTRATION CONTOURS

SCALE AS SHOWN

OCTOBER 2003

28882-602

ATTACHMENT 1

Building 1/36 SVE Operational Data

TABLE I - TREATMENT SYSTEM FIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

DATE	HOUR METER	TIME	INLET TEMP. (deg F)	PRIMARY VESSEL MAX TEMP (deg F)	SECONDARY VESSEL MAX TEMP (deg F)	UNDILUTED INLET FLOW RATE (scfm)	DILUTED INLET FLOW RATE (1) (scfm)	VACUUM (Inches of H2O)	DILUTED INFLUENT FID (2,3) (ppmv)	MID POINT CARBON FID (2,3) (ppmv)	EFFLUENT CARBON FID (2,3) (ppmv)	COMMENTS
Pilot system removed. 1000 scfm unit installed.												
05/15/02	5	16:50	NA	NA	NA	985	995	96	375 *	0.1 *	0.7 *	
05/16/02	31	17:45	NA	NA	NA	1040	1060	91	320 *	14.2 *	0.2 *	
05/17/02	55	17:20	NA	NA	NA	915	985	69	310 *	0.0 *	0.1 *	
05/18/02	76	14:40	NA	NA	NA	840	870	90	845	45.0	0.0	
05/19/02	97	11:40	NA	NA	NA	875	905	88	780	18.0	10.0	
05/20/02	119	10:00	NA	NA	NA	900	905	88	725	14.0	12.0	
05/21/02	143	14:50	NA	NA	NA	935	975	72	160	34.0	7.5	AC Changeout
05/22/02	169	17:10	NA	NA	NA	925	950	77	330	9.8	7.0	
05/23/02	190	14:35	NA	NA	NA	925	815	62	355	9.8	9.0	
05/24/02	208	8:41	NA	NA	NA	403	400	61	1,250	13.0	12.0	
05/25/02	236	12:40	NA	NA	NA	383	377	60	850	10.5	9.0	
05/26/02	259	11:20	NA	NA	NA	392	364	61	1,000	13.0	11.8	
05/27/02	283	11:24	NA	NA	NA	402	368	60	1,000	25.0	12.0	AC Changeout
05/29/02	286	17:30	NA	NA	NA	830	795	95	245 *	0.0 *	0.0 *	
06/03/02	400	10:00	NA	NA	NA	780	760	109	350	60.0	7.5	Primary vessel switched
Carbon bed overheating. System shutdown 6/7/02.												
Start-up procedures from 3/12/03 through 3/31/03												
03/12/03	NM	16:50	NM	92.1	91.5	500	500	55	670	3.0	0.0 *	
03/13/03	NM	11:00	NM	NM	NM	700	700	NM	666	10.0	NM	
03/15/03	NM	NM	NM	NM	NM	645	645	NM	911	4.0	0.0	
03/16/03	NM	NM	NM	NM	NM	720	720	NM	1,325	11.0	0.0	
03/17/03	NM	NM	NM	89.8	9,034	710	710	60	1,342	8.0	0.0	
03/24/03	NM	9:00	NM	NM	NM	720	720	65	395	140.0	0.0	Primary vessel switched
03/24/03	NM	9:00	NM	NM	NM	720	720	65	395	140.0	0.0	
Breakthrough on carbon vessel on 3/31/03. System shut down for carbon regeneration.												
4/1/2003	584	14:50	99	87.6	91.7	755	755	60	342	1.7	0	
4/3/2003	630.8	15:10**	104	83	85	775	775	60	273	0.6	0.00	
4/4/2003	654.8	NM**	100	82	84	770	770	55	293	0.9	0.00	
4/7/2003	725.7	15:02	106	90	93	760	760	55	297	1.5	0.00	
4/8/2003	749.3	14:40	94	95	100	770	770	50	297	2.5	0.00	
4/9/2003	760.4	9:40	102	86	91	780	780	50	358	3	0.00	
4/10/2003	780.7	8:55**	96	86	91	860	860	57	404	3.2	0.00	
4/11/2003	821.3	16:30	98	82	87	860	860	50	1,950	28.9	0.00	Primary vessel switched
4/15/2003	909	7:51	92	78	86	875	835	63	1,476	11	0.00	Primary vessel switched
4/16/2003	941.5	16:20**	106	88	89	860	800	59	1,350	5	0.00	
4/18/2003	988.7	15:30**	NM	NM	NM	850	850	NM	1,256	8.3	0.00	
4/21/2003	1053.7	8:30	88	76	80	855	845	60	1,230	60	0.00	
4/24/2003	1127.3	10:00	104	79	82	860	850	60	1,100	6	0.00	
4/29/2003	1245.8	8:30**	102	87	87	870	850	60	1,190	51	0.00	Primary vessel switched
5/5/2003	1398.2	8:00	75	76	83	800	780	50	1,423	105	11.00	
5/8/2003	1464	15:30	81	89	89	NM	NM	57	1,22	8.3	5.40	Primary vessel switched
5/12/2003	1553	14:00	84	87	88	910	860	49	912	35	10.00	Primary vessel switched
5/19/2003	1728	15:00	92	92	84	945	992	47	870	56	2.00	Primary vessel switched
System shut down for SCAQMD permit modifications on 5/22/03. System restarted on 6/27/03.												
6/27/2003	1797	16:00	87	90	95	760	991	NM	294	6	0.00	No change in Primary
6/30/2003	1863	10:00	94	93	98	845	835	85	150	32	2.50	Primary vessel switched
7/1/2003	1885	8:00	86	87	89	785	665	85	1,031	15	3.00	No change in Primary
7/2/2003	1894	13:30	99	101	106	725	715	80	260	15	3.00	Primary vessel switched
7/3/2003	1913	8:00	98	98	100	732	720	85	318	4.5	2.00	No change in Primary
7/7/2003	2010	9:00	83	86	89	755	710	87	310	3.6	2.70	No change in Primary
7/10/2003	2082	9:00	90	88	91	760	750	90	372	4.9	3.10	No change in Primary
7/14/2003	2179	9:20	94	88	91	780	695	90	371	12.9	3.20	No change in Primary
7/18/2003	2274	8:42	86	88	89	675	670	89	424	28.5	3.30	Primary vessel switched
7/24/2003	2418	9:00	87	87	89	810	775	84	446	3.7	0.00	No change in Primary
7/31/2003	2585	8:00	97	89	90	810	770	72	441	35	2.40	Primary vessel switched
8/7/2003	2754	9:30	89	86	87	885	770	75	415	20.9	2.70	Primary vessel switched
8/14/2003	2921	8:00	85	87	87	840	770	75	323	11.4	2.40	No change in Primary

TABLE I - TREATMENT SYSTEM FIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

DATE	HOUR METER	TIME	INLET TEMP. (deg F)	PRIMARY VESSEL MAX TEMP (deg F)	SECONDARY VESSEL MAX TEMP (deg F)	UNDILUTED INLET FLOW RATE (scfm)	DILUTED INLET FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	DILUTED INFLUENT FID (2,3) (ppmv)	MID POINT CARBON FID (2,3) (ppmv)	EFFLUENT CARBON FID (2,3) (ppmv)	COMMENTS
8/14/2003	2921	8:00	NM	NM	NM	NM	NM	NM	NM	NM	NM	Lowered influent to 223
8/21/2003	3090	8:30	90	89	93	800	735	78	446	29.1	4.10	Primary vessel switched
8/21/2003	3097	15:30	NM	NM	NM	835	NM	NM	NM	NM	NM	No change in Primary
8/28/2003	3255	6:45	79	82	83	885	775	73	583	20.5	1.30	Primary vessel switched
9/4/2003	3423	6:50	NA	81	87	870	815	65	430	1.6	0.00	No change in Primary
9/4/2003	3429	13:45	NM	NM	NM	865	780	60	1,031	12	4.00	After Well Changes
9/5/2003	3451	11:30	NM	NM	NM	815	800	63	159	10.4	3.20	No change in Primary
9/6/2003	3476	11:00	109	96	94	800	770	68	148	16.3	3.30	No change in Primary
9/11/2003	3591	6:30	95	91	101	855	790	73	290	17.3	0.40	Primary vessel switched
9/11/2003	3597	13:30	NM	NM	NM	440	NM	NM	NM	NM	NM	No change in Primary
9/18/2003	3759	7:00	103	96	103	895	840	70	487	13.8	2.20	Primary vessel switched
9/25/2003	3927	7:00	82	83	85	925	895	71	975	15.9	0.00	Primary vessel switched
10/2/2003	4095	6:30	81	82	84	930	875	65	786	10.9	0.00	No change in Primary
10/9/2003	4267	9:00	84	81	80	865	865	65	655	144	3.50	Primary vessel switched

Notes:

ppmv: parts per million by volume
scfm: standard cubic foot per minute (acfm corrected for vacuum and temperature)
NA: Data not available or applicable
NM : Data not measured
AC: granular activated carbon
* PID Adusted to FID euivalents as Hexane by multplying PID Reading by 0.35 (Hexane Euiv PID Reading x PID CF FID RF)
** Associated hour meter readings are extrapolated from nearest date and time readings with hour reading measurements
(1) Direct flow readings taken by hand-held TSI Veloci-calc Plus, unless otherwise denoted
(2) Measurements taken with a Foxboro OVA-108 PID calibrated to 100 ppmv Hexane until August 2003 when changed to MiniRea-2000.
(3) As of 3/12/03, Field measurments were conducted using a 10.6 eV PID. No correction has been applied.

QA/QC: _____

DATE: _____

TABLE II - INFLUENT VAPOR CONCENTRATIONS, C-6 SVE SYSTEM, BUILDING 1/36

Site Name: ERC Former C-6 Facility

Location: Los Angeles, California

System: Building 1/36 Interim Action SVE System

SAMPLE DATE	LAB ID	SAMPLE LDCATIDN	CDMPDUND																			
			Tetrachloro ethylene (ppbv)	Trichloro ethylene (ppbv)	1,1,1 Trichloro ethylene (ppbv)	1,1,2 Trichloro ethane (ppbv)	1,1 Dichloro ethylene (ppbv)	cis-1,2 Dichloro ethylene (ppbv)	1,1 Dichloro ethane (ppbv)	1,2 Dichloro ethane (ppbv)	2-Butanone (ppbv)	Chloroform (ppbv)	Acetone (ppbv)	Methylene chloride (ppbv)	Trichlorofluoro-methane (ppbv)	1,2,4 Trimethyl-benene (ppbv)	1,3,5 Trimethyl-benene (ppbv)	4-Ethyl toluene (ppbv)	Toluene (ppbv)	Benene (ppbv)	Ethyl benene (ppbv)	ylene (ppbv)	Total Non-Methane Organic Compounds (ppbv)
7/2/2001	EHAST 7/2/01	Exhaust	ND	18,000	140,000	810	110,000	ND	ND	ND	20,000	ND	ND	1,200	ND	ND	ND	ND	110,000	ND	ND	ND	NA
7/2/2001	VEW 1-2 DILTED	Influent	ND	82,000	210,000	6,500	91,000	ND	5,000	ND	47,000	ND	10	1	ND	ND	ND	ND	1,100,000	ND	ND	7,200	NA
7/13/2001	VEW 1-4 DILTED	Influent	ND	12,000	48,000	760	21,000	ND	1,100	ND	6,900	ND	ND	540	ND	ND	ND	ND	150,000	ND	ND	2,000	NA
7/20/2001	VEW 4-2 DILTED	Influent	ND	6,300	31,000	360	12,000	ND	660	ND	3,500	ND	ND	690	ND	ND	ND	ND	80,000	ND	ND	770	NA
7/27/2001	VEW 1- DILTED	Influent	ND	7,300	37,000	460	15,000	ND	880	ND	5,400	ND	ND	1,200	ND	ND	ND	ND	98,000	ND	ND	1,400	NA
8/1/2001	VEW 1- DILTED	Influent	ND	7,000	47,000	400	16,000	ND	810	ND	4,800	ND	5	1,400	ND	ND	ND	ND	86,000	ND	190	1,300	NA
8/3/2001	EHAST 8/3/01	Exhaust	ND	15	330	ND	26	ND	ND	ND	10	ND	24	6	ND	ND	ND	ND	220	ND	2	8	NA
8/3/2001	VEW 1B DILTED	Influent	ND	120,000	9,500,000	ND	660,000	ND	35,000	ND	98,000	ND	ND	ND	ND	ND	ND	ND	350,000	ND	ND	ND	NA
8/10/2001	EHAST 7/2/01	Exhaust	ND	14	32	2	15	ND	ND	ND	13	ND	20	2	ND	ND	ND	ND	290	ND	1	6	NA
8/10/2001	VEW 1B DILTED	Influent	ND	28,000	1,000,000	ND	110,000	ND	8,200	ND	37,000	ND	ND	ND	ND	ND	ND	ND	140,000	ND	ND	ND	NA
9/11/2001	EHAST 9/11/01	Exhaust	ND	11	480	ND	41	3	2	ND	35	ND	49	6	ND	1	ND	ND	97	1	ND	4	NA
9/11/2001	VEW 3A DILTED	Influent	ND	46,000	3,500	ND	180,000	3,800	1,900	ND	ND	ND	ND	ND	ND	ND	ND	ND	670	ND	ND	ND	NA
9/17/2001	EHAST 9/17/01	Exhaust	28	ND	ND	ND	ND	ND	ND	ND	2	ND	13	ND	ND	1	ND	ND	6	ND	ND	ND	NA
9/17/2001	VEW 3B DILTED	Influent	ND	34,000	140,000	ND	200,000	3,000	7,600	ND	ND	ND	ND	6,900	ND	ND	ND	ND	19,000	ND	390	1,600	NA
9/24/2001	EHAST 9/24/01	Exhaust	9	ND	2	ND	1	ND	ND	ND	ND	ND	10	1	ND	ND	ND	ND	5	ND	ND	ND	NA
9/24/2001	VEW 3B DILTED	Influent	ND	56,000	180,000	ND	210,000	5,300	11,000	ND	ND	ND	ND	18,000	ND	ND	ND	ND	82,000	ND	780	6,700	NA
9/27/2001	VEW 5A DILTED	Influent	ND	100,000	52,000	ND	260,000	1,500	6,400	ND	ND	ND	ND	890	ND	ND	ND	ND	ND	ND	ND	ND	NA
9/28/2001	VEW 6A DILTED	Influent	ND	30,000	15,000	ND	150,000	ND	1,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	730	ND	ND	ND	NA
1/3/2002	EHAST 1/3/02	Exhaust	74	4,400	1,700	ND	810	26	49	ND	ND	12	ND	11	ND	ND	ND	ND	270	ND	ND	ND	14,000
1/3/2002	DILTED INLET BLD 1 01/03/02	Influent	ND	12,000	34,000	ND	32,000	380	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	1,800	ND	ND	ND	120,000
2/7/2002	EHAST 2/7/02	Exhaust	ND	1	2	ND	3	ND	ND	ND	ND	ND	6	2	ND	ND	ND	ND	3	ND	ND	ND	ND
2/7/2002	DILTED INLET BLD 1 02/07/02	Influent	190	45,000	170,000	120	140,000	1,600	3,700	250	ND	330	ND	300	ND	ND	ND	ND	81,000	190	250	1,700	630,000
3/6/2002	EHAST 3/6/02	Exhaust	ND	1	ND	ND	2	ND	ND	ND	ND	ND	4	1	ND	ND	ND	ND	2	ND	ND	ND	ND
3/6/2002	DILTED INLET 3/6/02	Influent	1,600	61,000	220,000	ND	140,000	2,800	5,700	560	ND	490	ND	2,500	130	ND	ND	ND	210,000	530	750	5,000	1,200,000
Pilot system removed Installed 1000 scfm unit																							
5/21/2002	AC0001D AV052102 0001	Influent	260	48,000	15,000	ND	83,000	1,400	2,200	ND	62,000	240	ND	6,200	150	ND	ND	ND	22,000	260	ND	910	240,000
5/21/2002	AC0001E AV052102 0002	Exhaust	ND	1	1	ND	ND	ND	ND	ND	ND	ND	3	1	ND	ND	ND	ND	1	ND	ND	ND	ND
6/3/2002	AC0001D AV060302 0001	Influent	ND	29,000	220,000	ND	43,000	1,700	2,700	ND	150,000	ND	ND	8,400	ND	ND	ND	ND	170,000	ND	ND	2,500	860,000
6/3/2002	AC0001E AV060302 0002	Exhaust	ND	ND	1	ND	39	ND	ND	ND	ND	ND	4	170	ND	1	ND	1	4	1	1	4	240
Carbon bed over-heating. System shutdown 6/7/02																							
3/12/2003	AC001 AV031203 0001	Influent	140	25,000	6,900	ND	57,000	280	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	810	ND	ND	ND	110,000
3/13/2003	AC001 AV031303 0001	Influent	110	24,000	37,000	ND	63,000	290	530	ND	ND	ND	ND	ND	ND	ND	ND	ND	25,000	180	ND	ND	190,000
3/14/2003	AC001 AV031403 0001	Influent	ND	29,000	66,000	ND	64,000	470	970	ND	ND	ND	ND	ND	ND	ND	ND	ND	70,000	ND	ND	ND	350,000
3/17/2003	AC001 AV031703 0001	Influent	ND	21,000	63,000	ND	54,000	360	650	ND	ND	ND	ND	ND	ND	ND	ND	ND	49,000	ND	ND	ND	240,000
3/26/2003	AC0001D AV032603 0001	Influent	ND	11,000	42	ND	18,000	260	390	ND	ND	ND	ND	300	ND	ND	ND	ND	11,000	ND	ND	ND	120,000
4/1/2003	AC001 AV010103 00001	Influent	ND	12,000	64,000	ND	20,000	260	420	ND	ND	ND	ND	300	ND	ND	ND	ND	16,000	ND	ND	ND	150,000
4/1/2003	AC01C AV040103 00001	Breakthrough	ND	73	400	ND	130	2	3	ND	ND	ND	6	2.2	ND	ND	ND	ND	110	1	ND	ND	970
4/3/2003	AC001 AV040303 001	Influent	ND	8,100	41,000	ND	14,000	260	480	ND	ND	ND	ND	440	ND	ND	ND	ND	7,100	ND	ND	ND	90,000
4/3/2003	AC001C AV040303 001	Breakthrough	ND	260	780	ND	170	7	10	4	ND	ND	ND	10	ND	ND	ND	ND	300	ND	ND	ND	2,100
4/4/2003	AC001 AV040403 001	Influent	36	9,600	43,000	ND	16,000	290	500	73	290	63	ND	330	35	ND	ND	ND	10,000	68	ND	ND	99,000
4/4/2003	AC001C AV040403 001	Breakthrough	ND	760	350	ND	130	2	4	ND	2	ND	6	9	1	2	2	2	91	1	1	7	960
4/7/2003	AC001 AV040703 001	Influent	ND	11,000	38,000	ND	16,000	370	690	ND	ND	ND	ND	530	ND	ND	ND	ND	11,000	ND	ND	ND	110,000
4/7/2003	AC001C AV040703 001	Breakthrough	ND	120	400	ND	320	4	8	ND	ND	ND	9	51	4	2	ND	3	130	4	2	11	1,500
4/8/2003	AC001 AV040803 0001	Influent	ND	9,000	47,000	ND	14,000	310	630	ND	1,300	ND	ND	520	ND	ND	ND	ND	14,000	ND	ND	ND	130,000
4/8/2003	AC001C AV040803 0001	Breakthrough	ND	110	700	1	640	5	11	1	54	1	17	120	8	2	ND	2	ND	4	2	10	2,600
4/9/2003	AC001 AV040903 001	Influent	ND	9,900	90,000	ND	17,000	340	620	ND	2,400	ND	ND	610	ND	ND	ND	ND	22,000	ND	ND	ND	180,000

TABLE II - INFLUENT VAPOR CONCENTRATIONS, C-6 SVE SYSTEM, BUILDING 1/36

Site Name: BRC Former C-6 Facility

Location: Los Angeles, California

System: Building 1/36 Interim Action SVE System

SAMPLE DATE	LAB ID	SAMPLE LOCATION	COMPOUND																			
			Tetrachloro ethylene (ppbv)	Trichloro ethylene (ppbv)	1,1,1 Trichloro ethylene (ppbv)	1,1,2 Trichloro ethane (ppbv)	1,1 Dichloro ethylene (ppbv)	cis- 1,2 Dichloro ethylene (ppbv)	1,1 Dichloro ethane (ppbv)	1,2 Dichloro ethane (ppbv)	2- Butanone (ppbv)	Chloroform (ppbv)	Acetone (ppbv)	Methylene chloride (ppbv)	Trichloroflu oro-methane (ppbv)	1,2,4 Trimethyl- benene (ppbv)	1,3,5 Trimethyl- benene (ppbv)	4-Ethyl toluene (ppbv)	Toluene (ppbv)	Benene (ppbv)	Ethyl benene (ppbv)	ylene (ppbv)	Total Non-Methane Organic Compounds (ppbv)
4/9/2003	AC001C AV040903 001	Breakthrough	ND	180	1,400	ND	1,300	ND	16	ND	32	ND	ND	230	11	ND	ND	ND	570	ND	ND	ND	4,100
4/9/2003	AC0001E AV040903 001	Exhaust	ND	28	580	ND	24	ND	ND	ND	15	ND	15	4	ND	ND	ND	ND	260	4	2	11	1,300
4/10/2003	AC001 AV041003 001	Influent	ND	17,000	480,000	ND	26,000	ND	2,300	ND	24,000	ND	ND	5,400	ND	ND	ND	ND	180,000	ND	ND	ND	910,000
4/10/2003	AC001C AV041003 001	Breakthrough	ND	95	4,400	ND	2,700	ND	43	ND	130	ND	ND	420	18	ND	ND	ND	1,000	ND	ND	ND	9,500
4/15/2003	AC001 AC041503 001	Influent	ND	10,000	130,000	ND	10,000	ND	1,100	ND	42,000	ND	ND	3,600	ND	ND	ND	ND	77,000	ND	ND	ND	390,000
4/15/2003	AC001C AV041503 001	Breakthrough	ND	ND	31,000	ND	5,000	ND	400	ND	590	ND	ND	2,900	ND	ND	ND	ND	190	ND	ND	ND	58,000
4/16/2003	AC001 AV041603 001	Influent	ND	8,400	150,000	ND	10,000	ND	790	ND	33,000	ND	ND	2,600	ND	ND	ND	ND	65,000	ND	ND	ND	330,000
4/16/2003	AC001C AV041603 001	Breakthrough	ND	150	1,600	3	89	5	7	ND	440	ND	13	18	ND	ND	ND	ND	940	ND	2	13	4,000
4/24/2003	AC001 AV042403 0001	Influent	ND	7,900	89,000	250	7,500	460	780	230	54,000	ND	930	2,700	ND	ND	ND	ND	56,000	ND	140	960	320,000
4/24/2003	AC001C AV042403 0001	Breakthrough	ND	43	3,300	ND	260	ND	26	ND	260	ND	ND	740	ND	ND	ND	ND	350	ND	ND	ND	7,000
4/29/2003	AC0001 AV042903 0001	Influent	ND	6,400	120,000	ND	6,300	ND	540	ND	45,000	ND	ND	2,000	ND	ND	ND	ND	52,000	ND	ND	ND	260,000
4/29/2003	AC001C AV042903 0001	Breakthrough	ND	47	1,100	2	100	2	7	ND	460	ND	18	660	5	ND	ND	2	390	ND	2	11	2,700
5/6/2003	AC0001 AV050603 0001	Exhaust	ND	1.2	41	ND	3	ND	ND	ND	9.0	ND	10	14	ND	10	3	7	42	1.0	3	19	NA
6/30/2003	AC0001 AV063003 0001	Influent	74	3,800	21,000	ND	4,400	120	170	ND	1,200	ND	280	200	ND	ND	ND	ND	5,500	ND	ND	ND	77,000
6/30/2003	AC0001 AV063003 0001	Exhaust	0.00097	0	0	ND	0	ND	ND	ND	0	ND	0	0.0024	ND	0	0.0066	0.013	0.24	0.0017	0.0056	0.037	1
7/1/2003	AC001 AV070103 0001	Influent	ND	9,000	230,000	340	7,100	510	1,000	ND	33,000	ND	ND	2,600	ND	ND	ND	ND	110,000	ND	270	1,600	850,000
7/1/2003	I-VEW-23B AV070103 0001	Influent	ND	340,000	12,000,000	18,000	260,000	31,000	61,000	18,000	1,500,000	2700	41,000	150,000	ND	ND	ND	ND	4,300,000	6,800	11,000	66,000	39,000,000
7/31/2003	AC0001 AV073103 0001	Influent	ND	2,900	23,000	ND	2,000	92	170	ND	3,100	ND	230	240	ND	ND	ND	ND	22,000	ND	110	820	110,000
7/31/2003	AC0001B AV073103 0001	Breakthrough	ND	41	260	ND	69	1.2	2.1	ND	31	ND	15	320	10	1.5	ND	1.6	230	1.2	2	16	1,800
7/31/2003	AC0001 AV073103 0001	Exhaust	ND	ND	2	ND	ND	ND	ND	ND	4.5	ND	8.6	2.7	ND	3.3	1.1	3.6	20	2	3	18	230
8/28/2003	AC0001 AV082603 0001	Exhaust	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	1.0	2.9	ND	0.65	3	43
8/28/2003	AC0001B AV082603 0001	Breakthrough	ND	ND	1.6	ND	ND	ND	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	0.79	ND	ND	ND	57
8/28/2003	AC0001 AV082603 0001	Influent	ND	2,300	14,000	ND	1,400	98	160	ND	2,400	ND	350	330	ND	ND	ND	ND	25,000	ND	130	950	90,000
9/25/2003	AC0001 AV092503 0001	Exhaust	0.66	ND	6.7	ND	ND	ND	ND	ND	5.5	ND	5.6	2.8	ND	2.9	ND	2.1	10	ND	1.1	7	100
9/25/2003	AC0001B AV092503 0001	Breakthrough	ND	31	550	1.9	14	2.0	2.6	ND	280	ND	14	280	3.9	ND	ND	ND	490	ND	1.9	12	2,500
9/25/2003	AC0001 AV0892503 0001	Influent	ND	3,000	44,000	180	1,500	190	260	120	27,000	ND	710	800	ND	ND	ND	ND	44,000	ND	97	730	220,000

Notes:

ppbv parts per million by volume

ND not detected

NA not analyed

TNMOC Total Non Methane Organic Carbons

Estimated result. Result is less than RL.

QA/QC: _____

DATE: _____

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-1	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.5	NA	"
	5/23/2002	11:21	4.41	9	115	Well Opened
	5/23/2002	12:38	18.9	40	125	"
	5/23/2002	14:19	37.6	96	155	"
	6/3/2002	10:00	39	90	51	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		26	65	210	Well Opened**
	4/1/2003		21	60	210	
	4/16/2003		19	55	155	
	4/29/2003	8:30	22	56	46	
	5/5/2003	8:00	52	64	47	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	32	55	128	
	5/19/2003	15:00	45.8	74	91	
	6/27/2003	16:00	40	92	242	
	6/30/2003	10:00	40	40	101	
	7/1/2003	8:00	25.2	43	93	
	7/2/2003	13:30	40	55	112	
	7/3/2003	8:00	40	50	120	
	7/7/2003	9:00	40	75	121	
	7/18/2003	8:42	40	77	80	
	7/24/2003	9:00	40	86	85	
	7/31/2003	8:00	40	85	92	
	8/7/2003	9:30	40	78	51	
	8/14/2003	8:00	31	79	52	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	82	67	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	25	78	49	
	9/4/2003	6:50	40	75	30	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	27	78	33	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	40	77	24	
	9/25/2003	7:00	24	76	28	
1-VEW-2	3/6/2002	13:40	NA	0.5	NA	Well Closed
	3/29/2002	8:15	NA	1	NA	"
	5/23/2002	11:24	5.45	9	49	Well Opened
	5/23/2002	12:35	21.2	35.5	51	"
	5/23/2002	14:23	47.2	96	58	"
	6/3/2002	10:00	45	90	30	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		32	83	106	Well Opened**
	4/1/2003		23	80	75	
	4/16/203		20	74	66	
	4/29/2003	8:30	26	75	23	
	5/5/2003	8:00	39.6	60	65	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	32	55	4	
	5/19/2003	15:00	61.5	53	35	
	6/27/2003	16:00	38	98	98	
	6/30/2003	10:00	40	28	32	
	7/1/2003	8:00	22.8	33	39	
	7/2/2003	13:30	40	55	110	
	7/3/2003	8:00	40	52	100	
	7/7/2003	9:00	40	60	41	
	7/18/2003	8:42	40	61	23	
	7/24/2003	9:00	40	72	27	
	7/31/2003	8:00	40	70	18	
	8/7/2003	9:30	40	68	22	
	8/14/2003	8:00	34	74	32	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	78	39	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	74	29	
	9/4/2003	6:50	28	70	20	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	73	24	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	28	73	24	
	9/25/2003	7:00	30	72	19	

BOE-C6-0008554

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-3	3/6/2002	13:40	NA	0.1	NA	Well Closed
	3/29/2002	8:15	NA	0.6	NA	"
	5/23/2002	11:17	3.37	8.5	32	Well Opened
	5/23/2002	12:43	15.6	42	87	"
	5/23/2002	14:13	30.2	96	82	"
	6/3/2002	10:00	24	69	40	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		32	70	190	Well Opened**
	4/1/2003		25	65	210	
	4/16/2003		20	65	155	
	4/29/2003	8:30	33	61	79	
	5/5/2003	8:00	31.5	65	14	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	63	60	139	
	5/19/2003	15:00	64.5	58	109	
	6/27/2003	16:00	30	41	197	
	6/30/2003	10:00	30	42	117	
	7/1/2003	8:00	12.3	40	157	
	7/2/2003	13:30	30	43	237	
	7/3/2003	8:00	30	40	250	
	7/7/2003	9:00	30	55	196	
	7/18/2003	8:42	30	44	148	
	7/24/2003	9:00	30	80	237	
	7/31/2003	8:00	30	68	192	
	8/7/2003	9:30	30	81	117	
	8/14/2003	8:00	30	81	140	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	25	96	182	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	25	93	142	
	9/4/2003	6:50	25	90	96	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	28	93	112	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	58	79	
	9/25/2003	7:00	25	92	120	
1-VEW-4	3/6/2002	13:40	NA	1.4	NA	Well Closed
	3/29/2002	8:15	NA	1.4	NA	"
	5/23/2002	10:45	2.61	13	8	Well Opened
	5/23/2002	NA	7.05	34.5	360	"
	5/23/2002	14:08	18.1	96	230	"
	6/3/2002	10:00	9	51	120	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		11	20	1,600	Well Opened**
	4/1/2003		9	20	1,120	
	4/16/2003		11	15	220	
	4/29/2003	8:30	14	15	130	
	5/5/2003	8:00	74	50	425	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	11	50	294	
	5/19/2003	15:00	4.71	41	120	Well at 50%
	6/27/2003	16:00	10	74	620	
	6/30/2003	10:00	10	50	534	
	7/1/2003	8:00	10	40	1,037	
	7/2/2003	13:30	10	35	1,610	
	7/3/2003	8:00	10	30	1,635	
	7/7/2003	9:00	10	30	1,174	
	7/18/2003	8:42	10	30	291	
	7/24/2003	9:00	10	40	428	
	7/31/2003	8:00	10	40	351	
	8/7/2003	9:30	10	45	303	
	8/14/2003	8:00	10	45	319	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	10	50	385	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	10	45	363	
	9/4/2003	6:50	10	40	306	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	10	45	300	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	45	325	
	9/25/2003	7:00	10	53	326	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-5	3/6/2002	13:40	NA	1.4	NA	Well Closed
	3/29/2002	8:15	NA	1.5	NA	"
	5/21/2002	11:38	6.9	12	59	Well Opened
	5/21/2002	13:02	15.6	19	16	"
	5/21/2002	12:45	32.1	34	29	"
	6/3/2002	10:00	NA	10	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		52	30	12	Well Opened**
	4/1/2003		30	40	5.8	
	4/16/2003		29	40	12.5	
	4/29/2003	8:30	31	40	12	
	5/5/2003	8:00	40.5	40	47	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	41	40	3	Well at 50%
	5/19/2003	15:00	40.4	38	233	"
	6/27/2003	16:00	30	25	10	
	6/30/2003	10:00	30	25	4	
	7/1/2003	8:00	30	25	16	
	7/2/2003	13:30	30	20	9	
	7/3/2003	8:00	30	22	5	
	7/7/2003	9:00	30	20	6	
	7/18/2003	8:42	30	20	4	
	7/24/2003	9:00	30	25	5	
	7/31/2003	8:00	30	25	8	
	8/7/2003	9:30	30	23	7	
	8/14/2003	8:00	30	24	7	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	24	13	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	22	41	
	9/4/2003	6:50	30	22	8	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	22	4	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	21	13	
	9/25/2003	7:00	30	22	3	
1-VEW-6	3/6/2002	13:40	NA	2.2	NA	Well Closed
	3/29/2002	8:15	NA	1.6	NA	"
	5/21/2002	11:25	6.3	8	52	Well Opened
	5/21/2002	13:05	16.5	15	16	"
	5/21/2002	12:50	33.3	30	30	"
	6/3/2002	10:00	NA	7	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		30	30	6	Well Opened**
	4/29/2003	8:30	22	30	5	
	5/5/2003	8:00	32	30	61	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	34	29	2	Well at 50%
	5/19/2003	15:00	19	30	216	"
	6/27/2003	16:00	30	21	15	
	6/30/2003	10:00	30	23	4	
	7/1/2003	8:00	30	28	17	
	7/2/2003	13:30	30	25	5	
	7/3/2003	8:00	30	21	10	
	7/7/2003	9:00	30	25	7	
	7/18/2003	8:42	20	27	5	
	7/24/2003	9:00	30	27	4	
	7/31/2003	8:00	30	25	3	
	8/7/2003	9:30	30	25	7	
	8/14/2003	8:00	30	25	7	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	25	12	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	25	17	
	9/4/2003	6:50	30	25	7	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	25	5	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	25	15	
	9/25/2003	7:00	30	25	8	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-7	3/6/2002	13:40	NA	1.9	NA	Well Closed
	3/29/2002	8:15	NA	0.1	NA	"
	5/23/2002	10:38	9.85	13	44	Well Opened
	5/23/2002	11:37	42.1	41	85	"
	5/23/2002	13:58	92	95	120	"
	6/3/2002	10:00	88	88	30	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		60	60	340	Well Opened**
	4/29/2003	8:30	39	50	90	
	5/5/2003	8:00	45	50	315	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	47	45	117	
	5/19/2003	15:00	40.8	45	143	
	6/27/2003	16:00	30	9	2,728	
	6/30/2003	10:00	30	20	689	
	7/1/2003	8:00	30	20	516	
	7/2/2003	13:30	30	10	666	
	7/3/2003	8:00	30	12	710	
	7/7/2003	9:00	30	20	432	
	7/18/2003	8:42	30	20	346	
	7/24/2003	9:00	30	20	292	
	7/31/2003	8:00	30	20	214	
	8/7/2003	9:30	30	18	279	
	8/14/2003	8:00	30	20	325	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	20	428	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	20	360	
	9/4/2003	6:50	30	20	317	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	28	318	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	16	349	
	9/25/2003	7:00	30	18	309	
1-VEW-8A	3/6/2002	13:40	NA	0.5	NA	Well Closed
	3/29/2002	8:15	NA	0.6	NA	"
	5/22/2002	11:25	10.75	11.5	175	Well Opened
	5/22/2002	14:23	63	41.5	150	"
	5/22/2002	15:32	112	82	142	"
	6/3/2002	10:00	33	22	40	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		39	30	120	Well Opened**
	4/29/2003	8:30	27	25	75	
	5/5/2003	8:00	57.5	40	111	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	55	60	65	
	5/19/2003	15:00	42	45	52	
	6/27/2003	16:00	20	10	45	
	6/30/2003	10:00	20	13	31	
	7/1/2003	8:00	20	15	46	
	7/2/2003	13:30	20	10	65	
	7/3/2003	8:00	20	12	59	
	7/7/2003	9:00	20	14	58	
	7/18/2003	8:42	20	13	31	
	7/24/2003	9:00	20	15	30	
	7/31/2003	8:00	20	15	29	
	8/7/2003	9:30	20	14	26	
	8/14/2003	8:00	20	14	31	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	15	35	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	14	26	
	9/4/2003	6:50	20	19	17	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	19	19	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	18	21	
	9/25/2003	7:00	20	19	17	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-8B	3/6/2002	13:40	NA	0.3	NA	Well Closed
	3/29/2002	8:15	NA	0.6	NA	"
	5/17/2002	NA	3.7	14	565	Well Opened
	5/17/2002	NA	6.05	43	650	"
	5/17/2002	NA	11.3	72	510	"
	6/3/2002	10:00	10	90	60	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		19	30	1,207	Well Opened**
	4/29/2003	8:30	19	18	370	
	5/5/2003	8:00	28.9	35	656	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	21	60	389	
	5/19/2003	15:00	62	40	301	
	6/27/2003	16:00	20	42	355	
	6/30/2003	10:00	20	19	154	
	7/1/2003	8:00	20	25	94	
	7/2/2003	13:30	20	22	250	
	7/3/2003	8:00	20	20	248	
	7/7/2003	9:00	20	22	249	
	7/18/2003	8:42	20	25	140	
	7/24/2003	9:00	20	25	156	
	7/31/2003	8:00	20	25	181	
	8/7/2003	9:30	20	27	127	
	8/14/2003	8:00	20	24	150	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	24	172	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	24	147	
	9/4/2003	6:50	20	58	96	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	60	102	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	59	94	
	9/25/2003	7:00	20	59	86	
1-VEW-9	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	"
	5/23/2002	10:30	4.33	13	63	"
	5/23/2002	13:05	27.7	45	410	Well Opened
	5/23/2002	13:56	46.4	95	305	"
	6/3/2002	10:00	49	88	120	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/29/2003	8:30	21	47	618	Well Opened***
	5/5/2003	8:00	40	45	4,100	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	26	42	2,740	
	5/19/2003	15:00	20.6	40	2,680	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	20	35	1,120	
	7/1/2003	8:00	20	28	3,940	
	7/2/2003	13:30	20	25	322	
	7/3/2003	8:00	20	20	4,330	
	7/7/2003	9:00	20	32	3,635	
	7/18/2003	8:42	20	30	3,034	
	7/24/2003	9:00	20	27	2,920	
	7/31/2003	8:00	20	30	4,100	
	8/7/2003	9:30	20	25	2,510	
	8/14/2003	8:00	20	25	2,949	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	26	4,212	
	8/21/2003	15:30	20	26	3,964	Rechecked Well per H&A
	8/28/2003	6:45	20	27	3,459	
	9/4/2003	6:50	20	30	2,799	
	9/4/2003	13:45	10	NM	3,045	Rechecked Well per H&A
	9/5/2003	11:30	5	14	NM	
	9/11/2003	6:30	10	15	2,140	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	15	1,765	
	9/25/2003	7:00	10	20	3,668	Changed scfm from 10 to 20

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-10A	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	"
	5/16/2002	NA	2.7	26	270	Well Opened
	5/16/2002	NA	11	54	195	"
	5/16/2002	NA	19.8	18	35	"
	6/3/2002	10:00	19	65	16	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		0:00	47	65	
	4/29/2003	8:30	29	45	23	Well Opened***
	5/5/2003	8:00	45	46	39	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	10	43	47	
	5/19/2003	15:00	21.3	43	92	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	20	68	28	
	7/1/2003	8:00	20	67	452	
	7/2/2003	13:30	20	70	99	
	7/3/2003	8:00	20	62	201	
	7/7/2003	9:00	20	65	158	
	7/18/2003	8:42	20	60	4	
	7/24/2003	9:00	20	48	8	
	7/31/2003	8:00	20	50	7	
	8/7/2003	9:30	20	47	56	
	8/14/2003	8:00	20	45	31	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	46	72	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	43	20	
	9/4/2003	6:50	20	43	11	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/003	6:30	20	43	16	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	43	12	
	9/25/2003	7:00	20	40	4	
1-VEW-10B	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	
	5/20/2002	13:05	2.74	20	290	Well Opened
	5/20/2002	15:45	12.7	25	750	
	5/20/2002	16:53	21	78	600	
	6/3/2002	10:00	29	60	290	
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		0:00	55	1,030	
	4/29/2003	8:30	19	56	495	Well Opened***
	5/5/2003	8:00	48	55	3,130	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	13	52	1,994	
	5/19/2003	15:00	30	51	1,958	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	10	34	1,164	
	7/1/2003	8:00	10	32	4,912	
	7/2/2003	13:30	10	35	1,691	
	7/3/2003	8:00	10	30	>10000	
	7/7/2003	9:00	10	38	9,620	
	7/18/2003	8:42	10	38	4,791	
	7/24/2003	9:00	10	36	4,573	
	7/31/2003	8:00	10	35	6,510	
	8/7/2003	9:30	10	38	3,901	
	8/14/2003	8:00	10	35	4,523	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	10	35	>10000	
	8/21/2003	15:30	10	35	>10000	Well Rechecked per H&A
	8/28/2003	6:45	10	34	4,547	
	9/4/2003	6:50	10	35	2,801	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	10	34	4,209	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	35	3,204	
	9/25/2003	7:00	10	35	2,341	Changed scfm from 10 to 20

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-11A	3/6/2002	13:40	NA	4.7	NA	Well Closed
	3/29/2002	8:15	NA	2.8	NA	"
	5/15/2002	18:08	5.3	40	400	Well Opened
	5/15/2002	19:22	5.6	>100	400	"
	5/15/2002	18:57	20.1	52	420	"
	6/3/2002	10:00	22	90	44	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		34	35	48	Well Opened**
	4/1/2003		11	36	77	
	4/16/2003		18	35	13	
	4/29/2003	8:30	22.5	36	11	
	5/5/2003	8:00	40	62	23	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	22	32	14	Well at 50%
	5/19/2003	15:00	49	32	13	
	6/27/2003	16:00	20	81	43	
	6/30/2003	10:00	20	80	19	
	7/1/2003	8:00	20	78	159	
	7/2/2003	13:30	20	65	32	
	7/3/2003	8:00	20	61	103	
	7/7/2003	9:00	20	60	31	
	7/18/2003	8:42	20	41	72	
	7/24/2003	9:00	20	48	107	
	7/31/2003	8:00	20	50	42	
	8/7/2003	9:30	20	49	101	
	8/14/2003	8:00	10	35	149	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	50	1,332	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	46	376	
	9/4/2003	6:50	20	46	97	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	46	251	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	47	261	
	9/25/2003	7:00	20	45	133	
1-VEW-11B	3/6/2002	13:40	NA	5.0	NA	Well Closed
	3/29/2002	8:15	NA	3.0	NA	"
	5/18/2002	9:40	2.16	23.5	270	Well Opened
	5/18/2002	11:50	7.7	38	340	"
	5/18/2002	13:35	15.5	60	280	"
	6/3/2002	10:00	29	50	75	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		51	50	970	Well Opened**
	4/1/2003		18	49	569	
	4/16/2003		17	45	105	
	4/29/2003	8:30	21	45	92	
	5/5/2003	8:00	22.1	55	203	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	13	45	97	
	5/19/2003	15:00	24.7	42	84	
	6/27/2003	16:00	20	58	209	
	6/30/2003	10:00	20	60	315	
	7/1/2003	8:00	20	60	506	
	7/2/2003	13:30	20	60	360	
	7/3/2003	8:00	20	60	477	
	7/7/2003	9:00	20	60	1,072	
	7/18/2003	8:42	20	38	1,371	
	7/24/2003	9:00	20	51	3,717	
	7/31/2003	8:00	20	55	1,112	
	8/7/2003	9:30	20	51	5,223	
	8/14/2003	8:00	20	50	9,530	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	53	>10000	
	8/21/2003	15:30	20	53	>10000	Well Rechecked per H&A
	8/28/2003	6:45	20	50	>10000	
	9/4/2003	6:50	20	50	3,350	
	9/4/2003	13:45	10	NM	4,906	Well Rechecked per H&A
	9/5/2003	11:30	5	27	NM	
	9/11/2003	6:30	10	35	>10000	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	35	>10000	
	9/25/2003	7:00	10	35	3,083	Changed scfm from 10 to 20

BOE-C6-0008560

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-12	3/6/2002	13:40	NA	3.5	NA	Well Closed
	3/29/2002	8:15	NA	2.2	NA	"
	5/21/2002	11:45	6.2	18.5	80	Well Opened
	5/21/2002	13:44	17.3	43	65	"
	5/21/2002	12:40	32.3	90	63	"
	6/3/2002	10:00	17	55	14	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		54	45	48	Well Opened**
	4/1/2003		19	45	21	
	4/16/2003		16	45	7	
	4/29/2003	8:30	17	45	3	
	5/5/2003	8:00	55	45	6	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	19	45	4	
	5/19/2003	15:00	23	41	5	
	6/27/2003	16:00	10	29	14	
	6/30/2003	10:00	10	20	6	
	7/1/2003	8:00	10	25	34	
	7/2/2003	13:30	10	20	10	
	7/3/2003	8:00	10	22	13	
	7/7/2003	9:00	10	25	25	
	7/18/2003	8:42	10	25	5	
	7/24/2003	9:00	10	23	4	
	7/31/2003	8:00	10	25	8	
	8/7/2003	9:30	10	22	9	
	8/14/2003	8:00	10	23	7	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	10	22	14	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	10	22	13	
	9/4/2003	6:50	10	22	11	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	10	20	22	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	20	12	
	9/25/2003	7:00	10	20	3	
1-VEW-13A	3/6/2002	13:40	NA	3.0	NA	Well Closed
	3/29/2002	8:15	NA	2.0	NA	"
	5/15/2002	18:23	5.4	20	84	Well Opened
	5/15/2002	19:05	11.2	56	95	"
	5/15/2002	19:29	28.1	>100	120	"
	6/3/2002	10:00	59	87	14	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		48	55	18	Well Opened**
	4/1/2003		15.5	48	19.1	
	4/16/2003		30	50	14.3	
	4/29/2003	8:30	24	50	6	
	5/5/2003	8:00	31	50	18	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	26	48	12	
	5/19/2003	15:00	33	45	14	
	6/27/2003	16:00	20	80	30	
	6/30/2003	10:00	30	82	10	
	7/1/2003	8:00	26	79	104	
	7/2/2003	13:30	30	80	115	
	7/3/2003	8:00	30	80	21	
	7/7/2003	9:00	30	80	26	
	7/18/2003	8:42	30	80	7	
	7/24/2003	9:00	30	62	16	
	7/31/2003	8:00	30	65	4	
	8/7/2003	9:30	30	62	15	
	8/14/2003	8:00	30	61	16	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	63	26	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	57	24	
	9/4/2003	6:50	30	60	17	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	60	12	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	60	25	
	9/25/2003	7:00	30	58	14	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-13B	3/6/2002	13:40	NA	2.9	NA	Well Closed
	3/29/2002	8:15	NA	2.2	NA	"
	5/18/2002	NA	1.84	18.5	63	Well Opened
	5/18/2002	NA	8.3	33	220	"
	5/18/2002	NA	18.6	60.5	200	"
	6/3/2002	10:00	26	45	60	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		52	55	130	Well Opened**
	4/1/2003		15.5	48	220	
	4/16/2003		30	50	160	
	4/29/2003	8:30	21	48	59	
	5/5/2003	8:00	20	51	152	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	21	45	99	
	5/19/2003	15:00	52	45	102	
	6/27/2003	16:00	28	81	132	
	6/30/2003	10:00	30	80	115	
	7/1/2003	8:00	30	78	197	
	7/2/2003	13:30	30	82	165	
	7/3/2003	8:00	30	80	163	
	7/7/2003	9:00	30	80	179	
	7/18/2003	8:42	30	80	30	
	7/24/2003	9:00	30	63	133	
	7/31/2003	8:00	30	65	39	
	8/7/2003	9:30	30	63	75	
	8/14/2003	8:00	30	61	81	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	65	101	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	59	86	
	9/4/2003	6:50	30	60	63	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	60	54	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	60	66	
	9/25/2003	7:00	25	58	57	
1-VEW-14A	3/6/2002	13:40	NA	0.4	NA	Well Closed
	3/29/2002	8:15	NA	0.4	NA	"
	5/15/2002	18:48	5.3	24	27	Well Opened
	5/15/2002	19:11	15	30	27	"
	5/15/2002	19:37	27	>100	40	"
	6/3/2002	10:00	22	64	14	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		43	50	11	Well Opened**
	4/1/2003		16	50	2.1	
	4/16/2003		26	43	3.8	
	4/29/2003	8:30	29	43	3	
	5/5/2003	8:00	35	60	22	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	43	40	4	Well at 50%
	5/19/2003	15:00	67	41	6	"
	6/27/2003	16:00	19	75	13	
	6/30/2003	10:00	30	78	8	
	7/1/2003	8:00	30	75	31	
	7/2/2003	13:30	30	75	20	
	7/3/2003	8:00	30	72	20	
	7/7/2003	9:00	30	75	9	
	7/18/2003	8:42	30	70	6	
	7/24/2003	9:00	30	45	10	
	7/31/2003	8:00	30	49	8	
	8/7/2003	9:30	30	46	10	
	8/14/2003	8:00	30	45	12	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	48	15	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	45	26	
	9/4/2003	6:50	30	45	17	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	45	7	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	45	16	
	9/25/2003	7:00	30	43	9	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-14B	3/6/2002	13:40	NA	1.8	NA	Well Closed
	3/29/2002	8:15	NA	1.8	NA	"
	5/18/2002	NA	7.1	15.5	65	Well Opened
	5/18/2002	NA	34.2	33.5	95	"
	5/18/2002	NA	65	61	85	"
	6/3/2002	10:00	38	40	35	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		41	35	140	Well Opened**
	4/1/2003		40	35	105	
	4/16/2003		32	35	58	
	4/29/2003	8:30	38	35	61	
	5/5/2003	8:00	36	65	22	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	39	32	68	Well at 85%
	5/19/2003	15:00	27	34	83	Well at 50%
	6/27/2003	16:00	30	28	97	
	6/30/2003	10:00	30	28	68	
	7/1/2003	8:00	30	30	89	
	7/2/2003	13:30	30	20	88	
	7/3/2003	8:00	30	22	89	
	7/7/2003	9:00	30	25	81	
	7/18/2003	8:42	30	29	36	
	7/24/2003	9:00	30	31	65	
	7/31/2003	8:00	30	40	59	
	8/7/2003	9:30	30	33	65	
	8/14/2003	8:00	30	32	72	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	34	92	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	45	79	
	9/4/2003	6:50	30	32	59	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	31	54	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	30	64	
	9/25/2003	7:00	30	30	53	
1-VEW-15A	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.0	NA	"
	5/22/2002	12:14	16.4	6.5	13.5	Well Opened
	5/22/2002	13:51	74	35	23	"
	5/22/2002	16:00	138	80	19.5	"
	6/3/2002	10:00	84	61	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		50	60	9	Well Opened**
	4/1/2003		61	60	2.3	
	4/16/2003		65	50	32	
	4/29/2003	8:30	70	50	30	
	5/5/2003	8:00	84	52	9	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	68	48	6	
	5/19/2003	15:00	113	46	8	
	6/27/2003	16:00	40	77	13	
	6/30/2003	10:00	40	27	3	
	7/1/2003	8:00	40	20	7	
	7/2/2003	13:30	40	30	5	
	7/3/2003	8:00	40	32	11	
	7/7/2003	9:00	40	30	4	
	7/18/2003	8:42	40	32	2	
	7/24/2003	9:00	40	38	2	
	7/31/2003	8:00	40	38	3	
	8/7/2003	9:30	40	35	3	
	8/14/2003	8:00	40	40	5	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	40	39	11	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	40	37	4	
	9/4/2003	6:50	40	35	3	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	40	36	1	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	40	35	5	
	9/25/2003	7:00	40	35	3	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-15B	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.0	NA	"
	5/17/2002	NA	12	4	12	Well Opened
	5/17/2002	NA	60.5	27	45	"
	5/17/2002	NA	117	72	40	"
	6/3/2002	10:00	74	34	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		45	55	104	Well Opened**
	4/1/2003		30	55	52	
	4/16/2003		32	50	55	
	4/29/2003	8:30	29	45	13	
	5/5/2003	8:00	44	49	51	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	35	45	37	
	5/19/2003	15:00	53	41	36	
	6/27/2003	16:00	40	76	73	
	6/30/2003	10:00	40	38	14	
	7/1/2003	8:00	40	10	37	
	7/2/2003	13:30	40	22	43	
	7/3/2003	8:00	40	20	44	
	7/7/2003	9:00	40	25	36	
	7/18/2003	8:42	40	25	31	
	7/24/2003	9:00	40	32	23	
	7/31/2003	8:00	40	30	98	
	8/7/2003	9:30	40	31	16	
	8/14/2003	8:00	40	35	22	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	40	34	27	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	40	31	18	
	9/4/2003	6:50	40	30	13	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	40	30	12	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	40	30	15	
	9/25/2003	7:00	40	30	13	
1-VEW-16A	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.2	NA	"
	5/22/2002	11:43	3.72	11	85	Well Opened
	5/22/2002	14:17	23.9	72	68	"
	5/22/2002	15:41	25.1	82	75	"
	6/3/2002	10:00	18	70	17	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		32	37	88	Well Opened**
	4/1/2003		16.4	40	16	
	4/16/2003		18	30	24.5	
	4/29/2003	8:30	13	27	6	
	5/5/2003	8:00	22	35	22	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	20	30	7	
	5/19/2003	15:00	27	35	14	Well at 90%
	6/27/2003	16:00	20	7	12	
	6/30/2003	10:00	20	15	17	
	7/1/2003	8:00	20	15	11	
	7/2/2003	13:30	20	15	17	
	7/3/2003	8:00	20	15	14	
	7/7/2003	9:00	20	18	18	
	7/18/2003	8:42	20	17	7	
	7/24/2003	9:00	20	35	6	
	7/31/2003	8:00	20	35	12	
	8/7/2003	9:30	20	34	11	
	8/14/2003	8:00	20	30	15	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	37	19	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	10	34	
	9/4/2003	6:50	20	33	7	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	34	7	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	34	9	
	9/25/2003	7:00	20	33	8	

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TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-16B	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.5	NA	"
	5/17/2002	NA	3.6	11	510	Well Opened
	5/17/2002	NA	16.1	25	650	"
	5/17/2002	NA	39.3	74	610	"
	6/3/2002	10:00	22	65	80	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		37	50	1,400	Well Opened**
	4/1/2003		21	50	630	
	4/16/2003		27	40	475	
	4/29/2003	8:30	23	35	240	
	5/5/2003	8:00	20	40	643	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	19	38	433	
	5/19/2003	15:00	26	42	352	
	6/27/2003	16:00	20	52	465	
	6/30/2003	10:00	20	37	341	
	7/1/2003	8:00	20	38	310	
	7/2/2003	13:30	20	40	423	
	7/3/2003	8:00	20	36	394	
	7/7/2003	9:00	20	45	353	
	7/18/2003	8:42	20	43	170	
	7/24/2003	9:00	20	48	238	
	7/31/2003	8:00	20	52	132	
	8/7/2003	9:30	20	50	194	
	8/14/2003	8:00	20	50	21	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	52	246	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	48	185	
	9/4/2003	6:50	20	58	139	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	59	166	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	59	146	
	9/25/2003	7:00	20	61	146	
1-VEW-17A	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.1	NA	"
	5/22/2002	12:00	6.55	7	24	Well Opened
	5/22/2002	13:57	29.2	35	9.5	"
	5/22/2002	15:54	58.5	80	5.6	"
	6/3/2002	10:00	NA	NA	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		37	50	5	Well Opened**
	4/1/2003		38	50	1.4	
	4/16/2003		74	45	24	
	4/29/2003	8:30	95	44	13	
	5/5/2003	8:00	83	45	3	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	89	42	3	
	5/19/2003	15:00	94	39	3	
	6/27/2003	16:00	40	8	9	
	6/30/2003	10:00	40	6	2	
	7/1/2003	8:00	40	10	5	
	7/2/2003	13:30	40	7	5	
	7/3/2003	8:00	40	5	10	
	7/7/2003	9:00	40	10	5	
	7/18/2003	8:42	40	11	2	
	7/24/2003	9:00	40	20	1	
	7/31/2003	8:00	40	20	4	
	8/7/2003	9:30	40	18	3	
	8/14/2003	8:00	40	16	5	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	40	11	10	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	40	10	5	
	9/4/2003	6:50	40	10	3	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	40	9	2	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	40	9	5	
	9/25/2003	7:00	40	8	3	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-17B	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.2	NA	"
	5/17/2002	NA	4.5	6	110	Well Opened
	5/17/2002	NA	24.2	36	110	"
	5/17/2002	NA	41.5	72	110	"
	6/3/2002	10:00	40	58	6	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		30	55	21	Well Opened**
	4/1/2003		25	55	21.5	
	4/16/2003		24	45	31	
	4/29/2003	8:30	32	43	8	
	5/5/2003	8:00	34	50	21	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	26	45	12	
	5/19/2003	15:00	41	46	9	
	6/27/2003	16:00	40	70	27	
	6/30/2003	10:00	40	51	9	
	7/1/2003	8:00	40	58	39	
	7/2/2003	13:30	40	48	13	
	7/3/2003	8:00	40	40	16	
	7/7/2003	9:00	40	48	9	
	7/18/2003	8:42	40	48	5	
	7/24/2003	9:00	40	52	4	
	7/31/2003	8:00	40	52	7	
	8/7/2003	9:30	40	50	4	
	8/14/2003	8:00	40	50	7	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	40	53	12	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	40	49	6	
	9/4/2003	6:50	40	50	4	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	40	49	2	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	40	50	6	
	9/25/2003	7:00	40	48	4	
1-VEW-18A	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.3	NA	"
	5/22/2002	12:18	2.8	33.5	12.2	Well Opened
	5/22/2002	13:45	9.25	72	10.5	"
	5/22/2002	16:08	19.4	80	9.5	"
	6/3/2002	10:00	NA	NA	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		40	50	8	Well Opened**
	4/1/2003		33	50	1.2	
	4/16/2003		30	40	355	
	4/29/2003	8:30	31	40	7	
	5/5/2003	8:00	45	45	4	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	30	41	3	
	5/19/2003	15:00	30	41	4	
	6/27/2003	16:00	20	77	6	
	6/30/2003	10:00	30	14	2	
	7/1/2003	8:00	30	20	8	
	7/2/2003	13:30	30	23	9	
	7/3/2003	8:00	30	30	16	
	7/7/2003	9:00	30	22	5	
	7/18/2003	8:42	30	23	2	
	7/24/2003	9:00	30	36	1	
	7/31/2003	8:00	30	35	4	
	8/7/2003	9:30	30	38	3	
	8/14/2003	8:00	30	29	6	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	63	12	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	58	5	
	9/4/2003	6:50	30	55	2	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	58	1	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	57	6	
	9/25/2003	7:00	30	56	4	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-18B	3/6/2002	13:40	NA	0.2	NA	Well Closed
	3/29/2002	8:15	NA	0.4	NA	"
	5/17/2002	NA	3	2	7.9	Well Opened
	5/17/2002	NA	12.75	16	73	"
	5/17/2002	NA	32.5	72	85	"
	6/3/2002	10:00	32	86	22	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		48	52	79	Well Opened**
	4/1/2003		26.1	50	8.7	
	4/16/2003		34	45	45	
	4/29/2003	8:30	33	43	11	
	5/5/2003	8:00	73	50	10	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	30	42	7	
	5/19/2003	15:00	45	40	6	
	6/27/2003	16:00	19	79	10	
	6/30/2003	10:00	30	38	4	
	7/1/2003	8:00	30	42	8	
	7/2/2003	13:30	30	46	10	
	7/3/2003	8:00	30	42	15	
	7/7/2003	9:00	30	20	6	
	7/18/2003	8:42	30	37	3	
	7/24/2003	9:00	30	57	2	
	7/31/2003	8:00	30	52	3	
	8/7/2003	9:30	30	48	3	
	8/14/2003	8:00	30	47	5	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	50	12	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	47	5	
	9/4/2003	6:50	30	45	3	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	47	1.5	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	46	6	
	9/25/2003	7:00	30	46	3	
1-VEW-19A	3/6/2002	13:40	NA	0.0	NA	Well Closed
	3/29/2002	8:15	NA	0.0	NA	"
	5/22/2002	11:49	6.55	9.5	25.1	Well Opened
	5/22/2002	14:12	35.2	40	13	"
	5/22/2002	15:48	64.5	82	11.7	"
	6/3/2002	10:00	NA	15	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		37	55	12	Well Opened**
	4/1/2003		42	55	2.1	
	4/16/2003		29	50	14.5	
	4/29/2003	8:30	32	45	4	
	5/5/2003	8:00	41	45	6	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	44	40	3	
	5/19/2003	15:00	52	45	4	
	6/27/2003	16:00	30	32	6	
	6/30/2003	10:00	30	31	8	
	7/1/2003	8:00	30	33	8	
	7/2/2003	13:30	30	25	14	
	7/3/2003	8:00	30	25	12	
	7/7/2003	9:00	30	25	34	
	7/18/2003	8:42	30	24	3	
	7/24/2003	9:00	30	30	3	
	7/31/2003	8:00	30	25	7	
	8/7/2003	9:30	30	24	5	
	8/14/2003	8:00	30	20	9	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	18	13	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	18	6	
	9/4/2003	6:50	30	18	5	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	16	4.9	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	16	8	
	9/25/2003	7:00	30	16	7	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-19B	3/6/2002	13:40	NA	0.6	NA	Well Closed
	3/29/2002	8:15	NA	0.6	NA	"
	5/17/2002	NA	3.5	14	59	Well Opened
	5/17/2002	NA	15.8	34	65	"
	5/17/2002	NA	43.1	74	60	"
	6/3/2002	10:00	16	87	5	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		35	40	55	Well Opened**
	4/1/2003		17	45	37	
	4/16/2003		30	40	56	
	4/29/2003	8:30	16	32	8	
	5/5/2003	8:00	42	40	15	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	32	35	8	
	5/19/2003	15:00	47	40	9	
	6/27/2003	16:00	20	25	12	
	6/30/2003	10:00	20	22	8	
	7/1/2003	8:00	20	24	9	
	7/2/2003	13:30	20	12	15	
	7/3/2003	8:00	20	10	12	
	7/7/2003	9:00	20	18	16	
	7/18/2003	8:42	20	17	3	
	7/24/2003	9:00	20	52	2	
	7/31/2003	8:00	20	20	4	
	8/7/2003	9:30	20	55	4	
	8/14/2003	8:00	20	40	7	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	41	12	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	38	6	
	9/4/2003	6:50	20	50	5	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	52	5	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	52	8	
	9/25/2003	7:00	20	54	6	
1-VEW-20A	3/6/2002	13:40	NA	1.3	NA	Well Closed
	3/29/2002	8:15	NA	0.9	NA	"
	5/22/2002	12:23	2.87	9	11	Well Opened
	5/22/2002	13:39	14.1	31.5	11.8	"
	5/22/2002	16:12	33.1	80	4.2	"
	6/3/2002	10:00	NA	10	NA	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		0:00	45	120	
	4/29/2003	8:30	21	42	1	Well Opened***
	5/5/2003	8:00	88	45	5	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	20	42	3	
	5/19/2003	15:00	85	40	3	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	20	5	3	
	7/1/2003	8:00	20	5	22	
	7/2/2003	13:30	20	10	8	
	7/3/2003	8:00	20	10	23	
	7/7/2003	9:00	20	10	5	
	7/18/2003	8:42	20	13	3	
	7/24/2003	9:00	20	12	1	
	7/31/2003	8:00	20	12	9	
	8/7/2003	9:30	20	13	3	
	8/14/2003	8:00	20	13	8	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	11	9	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	10	7	
	9/4/2003	6:50	20	10	2	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	10	1	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	10	5	
	9/25/2003	7:00	20	13	3	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-20B	3/6/2002	13:40	NA	1.4	NA	Well Closed
	3/29/2002	8:15	NA	1.0	NA	"
	5/17/2002	10:30	2.32	14	100	Well Opened
	5/17/2002	NA	10.7	22	170	"
	5/17/2002	NA	32.6	72	105	"
	6/3/2002	10:00	33	61	18	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		33	40	125	
	4/29/2003	8:30	27	34	39	Well Opened***
	5/5/2003	8:00	43	17	61	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	19	20	37	
	5/19/2003	15:00	72	16	34	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	20	25	21	
	7/1/2003	8:00	20	34	51	
	7/2/2003	13:30	20	32	77	
	7/3/2003	8:00	20	40	58	
	7/7/2003	9:00	20	30	41	
	7/18/2003	8:42	20	27	28	
	7/24/2003	9:00	20	30	19	
	7/31/2003	8:00	20	38	45	
	8/7/2003	9:30	20	32	13	
	8/14/2003	8:00	20	10	14	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	40	19	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	23	13	
	9/4/2003	6:50	20	23	10	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	23	7.9	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	29	12	
	9/25/2003	7:00	20	38	17	
1-VEW-21A	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	"
	5/16/2002	NA	3.57	39	3040	Well Opened
	5/16/2002	NA	5.4	48	3200	"
	5/16/2002	NA	37.7	96	2900	"
	6/3/2002	10:00	28	55	NA	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		36	40	7200	
	4/29/2003	8:30	26	45	3400	Well Opened***
	5/5/2003	8:00	24	55	>10,000	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	25	40	3,050	
	5/19/2003	15:00	33	40	1,630	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	NA	NA	NA	Well Closed
	7/1/2003	8:00	NA	NA	NA	Well Closed
	7/2/2003	13:30	NA	NA	NA	Well Closed
	7/3/2003	8:00	NA	NA	NA	Well Closed
	7/7/2003	9:00	NA	NA	NA	Well Closed
	7/18/2003	8:42	NA	NA	NA	Well Closed
	7/24/2003	9:00	NA	NA	NA	Well Closed
	7/31/2003	8:00	NA	NA	NA	Well Closed
	8/7/2003	9:30	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	NA	NA	NA	Well Closed
	8/28/2003	6:45	NA	NA	NA	Well Closed
	9/4/2003	6:50	NA	NA	NA	Well Closed
	9/4/2003	13:45	10	NM	54	Well Reopened per H&A
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	10	33	63	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	33	86	
	9/25/2003	7:00	10	32	89	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-21B	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	"
	5/20/2002	13:22	1.74	15	700	Well Opened
	5/20/2002	15:28	4.5	45	1030	"
	5/20/2002	17:24	36.3	79	1725	"
	5/21/2002	9:55	48.3	92	1200	"
	6/3/2002	10:00	47	90	NA	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		35	45	2670	
	4/29/2003	8:30	31	45	4650	Well Opened***
	5/5/2003	8:00	92	50	>10,000	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	11	40	>10,000	
	5/19/2003	15:00	36	40	>10,000	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	NA	NA	NA	Well Closed
	7/1/2003	8:00	NA	NA	NA	Well Closed
	7/2/2003	13:30	NA	NA	NA	Well Closed
	7/3/2003	8:00	NA	NA	NA	Well Closed
	7/7/2003	9:00	NA	NA	NA	Well Closed
	7/18/2003	8:42	NA	NA	NA	Well Closed
	7/24/2003	9:00	NA	NA	NA	Well Closed
	7/31/2003	8:00	NA	NA	NA	Well Closed
	8/7/2003	9:30	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	NA	NA	NA	Well Closed
	8/28/2003	6:45	NA	NA	NA	Well Closed
	9/4/2003	6:50	NA	NA	NA	Well Closed
	9/4/2003	13:45	10	NM	71	Well Reopened per H&A
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	10	50	>10000	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	10	50	>10000	
	9/25/2003	7:00	10	38	>10000	
1-VEW-22A	3/6/2002	13:40	NA	5.0	NA	Well Closed
	3/29/2002	8:15	NA	3.1	NA	"
	5/16/2002	NA	3.1	28	2200	Well Opened
	5/16/2002	NA	10.6	52	2400	"
	5/16/2002	NA	18.05	92	1600	"
	6/3/2002	10:00	18	74	80	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		15.5	40	450	
	4/29/2003	8:30	37	41	296	Well Opened***
	5/5/2003	8:00	72	58	445	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	11	40	330	
	5/19/2003	15:00	65	36	368	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	30	38	262	
	7/1/2003	8:00	30	61	202	
	7/2/2003	13:30	NA	NA	NA	Well Closed
	7/3/2003	8:00	NA	NA	NA	Well Closed
	7/7/2003	9:00	NA	NA	NA	Well Closed
	7/18/2003	8:42	NA	NA	NA	Well Closed
	7/24/2003	9:00	NA	NA	NA	Well Closed
	7/31/2003	8:00	NA	NA	NA	Well Closed
	8/7/2003	9:30	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	20	54	310	Well Opened per H&A
	8/28/2003	6:45	30	55	193	Well Open
	9/4/2003	6:50	30	54	621	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	55	3,102	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	55	6,300	
	9/25/2003	7:00	22	52	3,683	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-22B	3/6/2002	13:40	NA	5.1	NA	Well Closed
	3/29/2002	8:15	NA	3.1	NA	"
	5/20/2002	13:30	4.12	16	37	Well Opened
	5/20/2002	15:20	21.1	40	72	"
	5/20/2002	17:35	37	77	179	"
	5/21/2002	10:07	43.6	91	230	"
	6/3/2002	10:00	51	88	20	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		20	45	16	
	4/29/2003	8:30	24	47	24	Well Opened***
	5/5/2003	8:00	70	53	23	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	30	45	3	
	5/19/2003	15:00	39	43	38	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	30	30	9	
	7/1/2003	8:00	30	28	4	
	7/2/2003	13:30	30	30	7	
	7/3/2003	8:00	30	30	13	
	7/7/2003	9:00	30	31	7	
	7/18/2003	8:42	30	33	9	
	7/24/2003	9:00	30	28	10	
	7/31/2003	8:00	30	30	19	
	8/7/2003	9:30	30	30	4	
	8/14/2003	8:00	30	28	7	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	35	17	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	35	8	
	9/4/2003	6:50	30	48	11	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	45	340	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	48	155	
	9/25/2003	7:00	30	47	48	
1-VEW-23A	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	"
	5/16/2002	NA	3.25	20	130	Well Opened
	5/16/2002	NA	12.5	49	45	"
	5/16/2002	NA	21.4	20	35	"
	6/3/2002	10:00	14	40	11	Well Closed
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		0:00	10	18	
	4/29/2003	8:30	4	7	41	Well Opened***
	5/5/2003	8:00	60	40	22	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	6	10	12	Well at 85%
	5/19/2003	15:00	18	6	1,460	Well at 10%
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	NA	NA	NA	Well Closed
	7/1/2003	8:00	10	33	1,038	
	7/2/2003	13:30	NA	NA	NA	Well Closed
	7/3/2003	8:00	NA	NA	NA	Well Closed
	7/7/2003	9:00	NA	NA	NA	Well Closed
	7/18/2003	8:42	NA	NA	NA	Well Closed
	7/24/2003	9:00	NA	NA	NA	Well Closed
	7/31/2003	8:00	NA	NA	NA	Well Closed
	8/7/2003	9:30	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	NA	NA	NA	Well Closed
	8/28/2003	6:45	NA	NA	NA	Well Closed
	9/4/2003	6:50	NA	NA	NA	Well Closed
	9/4/2003	13:45	10	NM	16	Well Reopened per H&A
	9/5/2003	14:00	5	5	NM	
	9/11/2003	6:30	NA	NA	NA	Well Closed
	9/11/2003	13:30	NA	NA	NA	Well Closed
	9/18/2003	7:00	NA	NA	NA	Well Closed
	9/25/2003	7:00	20	33	170	Well Opened @ 20 scfm

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-23B	3/6/2002	13:40	NA	NA	NA	Well Closed
	3/29/2002	8:15	NA	NA	NA	"
	5/20/2002	13:16	2.67	15	46	Well Opened
	5/20/2002	15:38	10	23	1700	"
	5/20/2002	17:08	19.5	79	9000	"
	5/21/2002	9:48	46.3	94	8000	"
	6/3/2002	10:00	37	90	600	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		23	40	>10000	
	4/29/2003	8:30	33	43	>9999	Well Opened***
	5/5/2003	8:00	75	45	>10,000	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	11	40	>10,000	
	5/19/2003	15:00	24	40	>10,000	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	NA	NA	NA	Well Closed
	7/1/2003	8:00	20	35	>10000	
	7/2/2003	13:30	NA	NA	NA	Well Closed
	7/3/2003	8:00	NA	NA	NA	Well Closed
	7/7/2003	9:00	NA	NA	NA	Well Closed
	7/18/2003	8:42	NA	NA	NA	Well Closed
	7/24/2003	9:00	NA	NA	NA	Well Closed
	7/31/2003	8:00	NA	NA	NA	Well Closed
	8/7/2003	9:30	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	NA	NA	NA	Well Closed
	8/28/2003	6:45	NA	NA	NA	Well Closed
	9/4/2003	6:50	NA	NA	NA	Well Closed
	9/4/2003	13:45	10	NM	>10000	Well Reopened per H&A
	9/5/2003	14:00	5	11	NM	
	9/11/2003	6:30	NA	NA	NA	Well Closed
	9/11/2003	13:30	NA	NA	NA	Well Closed
	9/18/2003	7:00	8	25	>10000	
	9/25/2003	7:00	8	29	>10000	
1-VEW-24A	1/18/2002	10:40	NA	88	> 9,999 *	Well opened
	1/24/2002	11:00	NA	75	> 9,999 *	"
	1/31/2002	13:45	33	23	> 9,999	"
	2/7/2002	16:50	31	26	> 9,999	"
	2/15/2002	17:51	NA	NA	> 9,999 *	"
	2/21/2002	17:44	46.5	30	> 9,999	"
	2/27/2002	14:17	32	30	> 9,999	"
	3/6/2002	13:40	94	64	> 9,999	"
	3/13/2002	16:20	45	30	> 9,999	"
	3/20/2002	8:30	42	32	> 9,999	"
	3/29/2002	8:15	9	28	4,000	"
	5/16/2002	NA	8.85	24	450	"
	5/16/2002	NA	33.7	42	550	"
	5/16/2002	NA	77.5	90	520	"
	6/3/2002	10:00	43	56	55	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		35	45	190	
	4/29/2003	8:30	35	45	60	Well Opened***
	5/5/2003	8:00	70.3	53	145	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	42	43	132	
	5/19/2003	15:00	43	42	81	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	30	36	4	
	7/1/2003	8:00	30	34	129	
	7/2/2003	13:30	30	27	124	
	7/3/2003	8:00	30	30	324	
	7/7/2003	9:00	30	30	2,181	
	7/18/2003	8:42	30	47	>10000	
	7/24/2003	9:00	30	35	5,084	
	7/31/2003	8:00	30	35	8,641	
	8/7/2003	9:30	30	35	>10000	
	8/14/2003	8:00	30	34	>10000	
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	30	35	194	Well Opened per H&A
	8/28/2003	6:45	30	39	>10000	Well Opened
	9/4/2003	6:50	30	38	>10000	
	9/4/2003	13:45	10	NM	>10000	Well Rechecked per H&A
	9/5/2003	13:00	5	15	NM	
	9/11/2003	6:30	NA	NA	NA	Well Closed
	9/11/2003	13:30	10	20	117	Well Opened per H&A
	9/18/2003	7:00	10	22	3,221	
	9/25/2003	7:00	10	21	1,197	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-24B	12/13/2001	15:00	10	54	> 9,999 *	Well opened
	12/20/2001	14:15	5	47	> 800 *	"
	1/3/2002	13:15	32	48	> 320 *	"
	1/10/2002	14:00	30	48	> 700 *	"
	1/18/2002	8:25	25	90	> 760 *	"
	1/18/2002	10:40	NA	90	> 2,500 *	"
	1/24/2002	11:00	93	90	> 9,999 *	"
	1/31/2002	13:45	9	23	> 9,999	"
	2/7/2002	16:50	9	26	> 9,999	"
	2/15/2002	17:51	NA	NA	> 9,999 *	"
	2/21/2002	17:44	11	30	> 9,999	"
	2/27/2002	14:17	8	31	> 9,999	"
	3/6/2002	13:40	13	64	> 9,999	"
	3/13/2002	16:20	10.5	30	> 9,999	"
	3/20/2002	8:30	5.8	32	> 9,999	"
	3/29/2002	8:15	38	28	> 9,999	"
	5/20/2002	13:43	1.08	15	42	"
	5/20/2002	15:10	4.4	41	490	"
	5/20/2002	17:45	28.4	77	1010	"
	5/21/2002	10:16	41.4	91	635	"
	6/3/2002	10:00	30	70	100	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/16/2003		32	47	1675	
	4/29/2003	8:30	28	48	733	Well Opened***
	5/5/2003	8:00	69.9	50	4,170	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	21	46	1,705	
	5/19/2003	15:00	46	44	1,942	
	6/27/2003	16:00	NA	NA	NA	Well Closed
	6/30/2003	10:00	20	78	1,610	
	7/1/2003	8:00	20	79	1,960	
	7/2/2003	13:30	NA	NA	NA	Well Closed
	7/3/2003	8:00	NA	NA	NA	Well Closed
	7/7/2003	9:00	NA	NA	NA	Well Closed
	7/18/2003	8:42	NA	NA	NA	Well Closed
	7/24/2003	9:00	NA	NA	NA	Well Closed
	7/31/2003	8:00	NA	NA	NA	Well Closed
	8/7/2003	9:30	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/14/2003	8:00	NA	NA	NA	Well Closed
	8/21/2003	8:30	NA	NA	NA	Well Closed
	8/21/2003	15:30	NA	NA	NA	Well Closed
	8/28/2003	6:45	NA	NA	NA	Well Closed
	9/4/2003	6:50	NA	NA	NA	Well Closed
	9/4/2003	13:45	10	NM	>10000	Well Reopened per H&A
	9/5/2003	13:00	5	27	NM	
	9/11/2003	6:30	NA	NA	NA	Well Closed
	9/11/2003	13:30	10	30	>10000	Well Opened per H&A
	9/18/2003	7:00	10	63	>10000	
	9/25/2003	7:00	10	60	>10000	
1-VEW-25A	3/6/2002	13:40	NA	5.5	NA	Well Closed
	3/29/2002	8:15	NA	3.7	NA	"
	5/16/2002	NA	2.68	23	125	Well Opened
	5/16/2002	NA	13.5	44	135	"
	5/16/2002	NA	28	90	120	"
	6/3/2002	10:00	25	46	45	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	3/24/2003		41	32	110	Well Opened**
	4/1/2003		12	30	49	
	4/16/2003		0:00	30	90	
	4/29/2003	8:30	19	30	88	
	5/5/2003	8:00	32	40	52	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	57	38	165	
	5/19/2003	15:00	24	37	178	
	6/27/2003	16:00	20	52	159	
	6/30/2003	10:00	20	25	54	
	7/1/2003	8:00	22	20	177	
	7/2/2003	13:30	20	25	88	
	7/3/2003	8:00	20	26	79	
	7/7/2003	9:00	20	20	47	
	7/18/2003	8:42	20	23	28	
	7/24/2003	9:00	20	20	14	
	7/31/2003	8:00	20	20	34	
	8/7/2003	9:30	20	18	17	
	8/14/2003	8:00	20	15	39	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	9	40	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	10	49	
	9/4/2003	6:50	20	8	54	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	8	40	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	5	61	
	9/25/2003	7:00	20	4	20	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-25B	3/6/2002	13:40	NA	5.9	NA	Well Closed
	3/29/2002	8:15	NA	3.5	NA	"
	5/18/2002	10:17	1.36	23	280	Well Opened
	5/18/2002	12:30	3.75	35.5	370	"
	5/18/2002	14:23	7.65	61	310	"
	6/3/2002	10:00	19	45	185	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/1/2003		7.5	30	620	
	4/16/2003		12	25	8.1	
	4/29/2003	8:30	14	36	12	Well Opened***
	5/5/2003	8:00	42	55	1,350	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	33	42	732	
	5/19/2003	15:00	37	42	740	
	6/27/2003	16:00	17	79	810	
	6/30/2003	10:00	20	50	535	
	7/1/2003	8:00	20	30	712	
	7/2/2003	13:30	20	35	689	
	7/3/2003	8:00	20	32	762	
	7/7/2003	9:00	20	42	680	
	7/18/2003	8:42	20	41	346	
	7/24/2003	9:00	20	37	451	
	7/31/2003	8:00	20	40	398	
	8/7/2003	9:30	20	36	350	
	8/14/2003	8:00	20	36	441	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	20	37	502	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	20	57	437	
	9/4/2003	6:50	20	58	350	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	20	60	295	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	20	59	344	
	9/25/003	7:00	15	57	289	
1-VEW-26A	3/6/2002	13:40	NA	3.7	NA	Well Closed
	3/29/2002	8:15	NA	2.7	NA	"
	5/16/2002	10:50	5.45	37	95	Well Opened
	5/16/2002	NA	24.5	90	190	"
	5/16/2002	NA	33.5	>100	95	"
	6/3/2002	10:00	55	85	105	"
	6/702 through 3/11/03		SVE shut down for retrofit			Well Opened
	3/12/2003		Begin start-up procedures			
	4/1/2003		16	50	145	
	4/16/2003		34	45	91	
	4/29/2003	8:30	20	43	68	Well Opened***
	5/5/2003	8:00	27	45	60	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	15	40	168	
	5/19/2003	15:00	33	40	176	
	6/27/2003	16:00	15	76	154	
	6/30/2003	10:00	21	75	109	
	7/1/2003	8:00	23	75	209	
	7/2/2003	13:30	30	79	146	
	7/3/2003	8:00	30	75	163	
	7/7/2003	9:00	30	80	171	
	7/18/2003	8:42	30	78	42	
	7/24/2003	9:00	30	62	107	
	7/31/2003	8:00	30	65	43	
	8/7/2003	9:30	30	65	96	
	8/14/2003	8:00	30	60	108	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	62	122	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	58	132	
	9/4/2003	6:50	30	56	95	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	58	86	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	58	104	
	9/25/2003	7:00	30	55	74	

TABLE III - WELLFIELD DATA

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

WELL ID	DATE	TIME	FLOW RATE (1) (scfm)	VACUUM (inches of H2O)	WELLHEAD FID (2) (ppmv)	COMMENTS
1-VEW-26B	3/6/2002	13:40	NA	3.8	NA	Well Closed
	3/29/2002	8:15	NA	2.8	NA	"
	5/18/2002	NA	5.15	19.5	260	Well Opened
	5/18/2002	NA	23	35	280	"
	5/18/2002	NA	43.6	61	240	"
	6/3/2002	10:00	24	36	60	"
	6/702 through 3/11/03		SVE shut down for retrofit			
	3/12/2003		Begin start-up procedures			
	4/1/2003		27.5	65	322	
	4/16/2003		19	35	220	
	4/29/2003	8:30	22	34	193	Well Opened***
	5/5/2003	8:00	59	60	50	
	5/8/2003	15:30	NM	NM	NM	
	5/12/2003	8:00	30	36	258	Well at 50%
	5/19/2003	15:00	33	35	270	"
	6/27/2003	16:00	30	38	380	
	6/30/2003	10:00	30	40	253	
	7/1/2003	8:00	30	42	369	
	7/2/2003	13:30	30	40	352	
	7/3/2003	8:00	30	40	353	
	7/7/2003	9:00	30	45	311	
	7/18/2003	8:42	30	44	143	
	7/24/2003	9:00	30	36	281	
	7/31/2003	8:00	30	40	177	
	8/7/2003	9:30	30	38	245	
	8/14/2003	8:00	30	36	279	
	8/14/2003	8:00	NM	NM	NM	
	8/21/2003	8:30	30	37	331	
	8/21/2003	15:30	NM	NM	NM	
	8/28/2003	6:45	30	35	280	
	9/4/2003	6:50	30	35	199	
	9/4/2003	13:45	NM	NM	NM	
	9/5/2003	11:30	NM	NM	NM	
	9/11/2003	6:30	30	35	200	
	9/11/2003	13:30	NM	NM	NM	
	9/18/2003	7:00	30	35	216	
	9/25/2003	7:00	30	40	179	

Notes:
ppmv: parts per million by volume
scfm: standard cubic foot per minute (acfm corrected for vacuum and temperature)
NA: data was not recorded or available
* Well head readings not taken. Estimates based on diluted inlet concentrations
(1) Direct flow readings taken by hand-held TSI Veloci-calc Plus
(2) Measurements taken with a Foxboro OVA FID calibrated to 100 ppmv Hexane, results as Hexane
** Well opened between 3/12/03 and 3/24/03 as part of start-up procedures. Data provided was collected on 3/24/03
*** Well opened between 3/25/03 and 4/15/03 during re-start procedures. Data provided was collected on 4/29/03
>10000 indicates the field measurement concentration exceeded the range of the device

QA/QC: _____

DATE: _____

TABLE IV - MEK ANALYTICAL RESULTS

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 SVE System

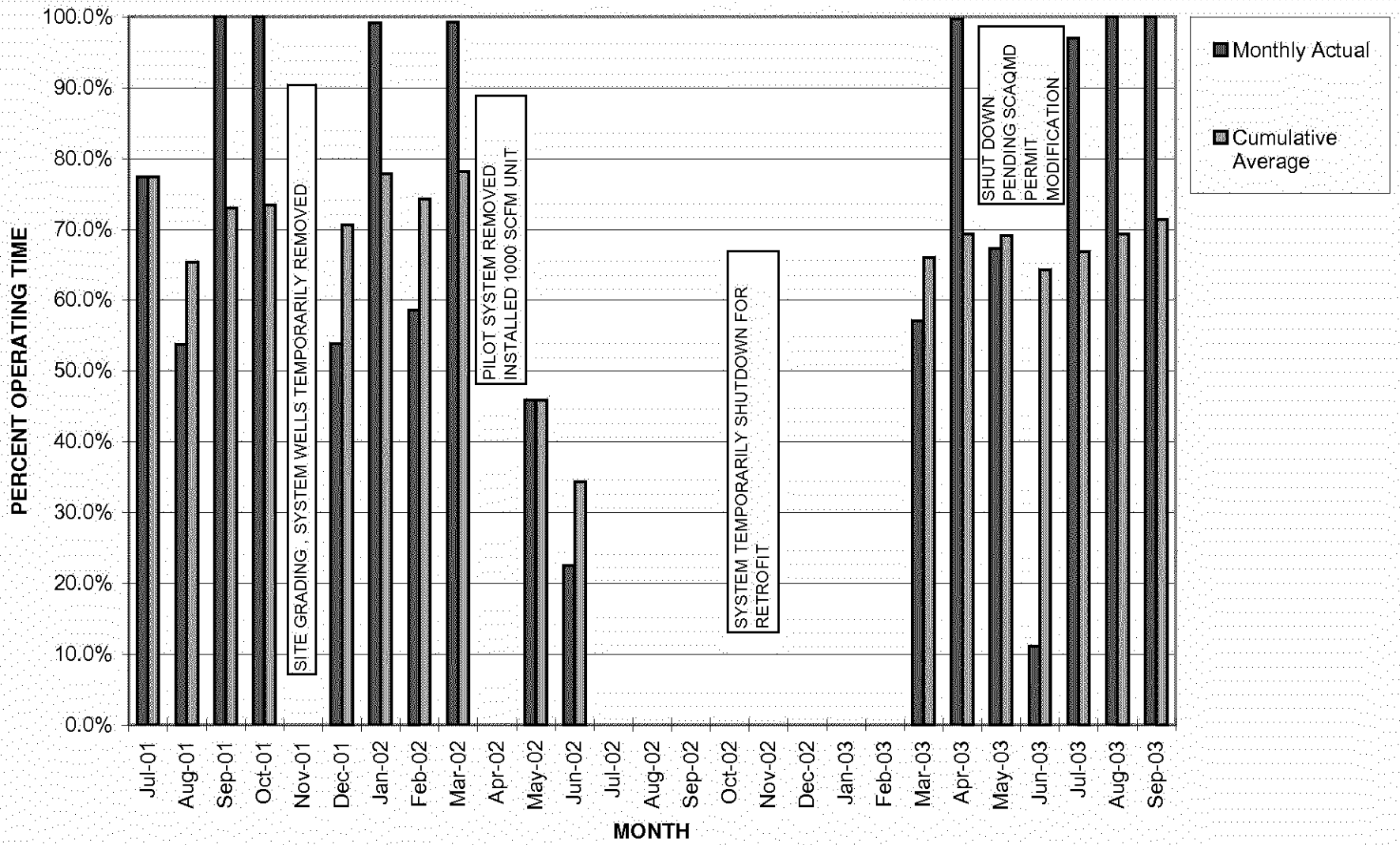
WELL ID	MEK CONCENTRATIONS (ppmV) Static (Pre-Start) 18 DEC 2002	Recent Operation March/April 2003
1-VEW-1	N/S	ND
1-VEW-2	N/S	ND
1-VEW-3	N/S	ND
1-VEW-4	N/S	ND
1-VEW-5	N/S	ND
1-VEW-6	52	ND
1-VEW-7	ND	ND
1-VEW-8A	ND	ND
1-VEW-8B	ND	ND
1-VEW-9	13	15
1-VEW-10A	22	0.0026 J
1-VEW-10B	0.44	4.8 J
1-VEW-11A	0.29	ND
1-VEW-11B	ND	ND
1-VEW-12	ND	ND
1-VEW-13A	N/S	ND
1-VEW-13B	N/S	ND
1-VEW-14A	N/S	ND
1-VEW-14B	N/S	ND
1-VEW-15A	N/S	ND
1-VEW-15B	N/S	ND
1-VEW-16A	N/S	ND
1-VEW-16B	N/S	ND
1-VEW-17A	N/S	ND
1-VEW-17B	N/S	ND
1-VEW-18A	0.46	0.0044 J
1-VEW-18B	0.35	ND
1-VEW-19A	25	ND
1-VEW-19B	65	ND
1-VEW-20A	0.03	ND
1-VEW-20B	ND	ND
1-VEW-21A	620	550
1-VEW-21B	160	110
1-VEW-22A	0.15	ND
1-VEW-22B	0.12	ND
1-VEW-23A	14	0.012 J
1-VEW-23B	29	320
1-VEW-24A	ND	ND
1-VEW-24B	ND	5.0 J
1-VEW-25A	ND	ND
1-VEW-25B	0.1	ND
1-VEW-26A	N/S	ND
1-VEW-26B	N/S	ND

Notes:
ppmV: Parts per million by volume
J: Estimated
ND: Not Detected
N/S: Not Sampled

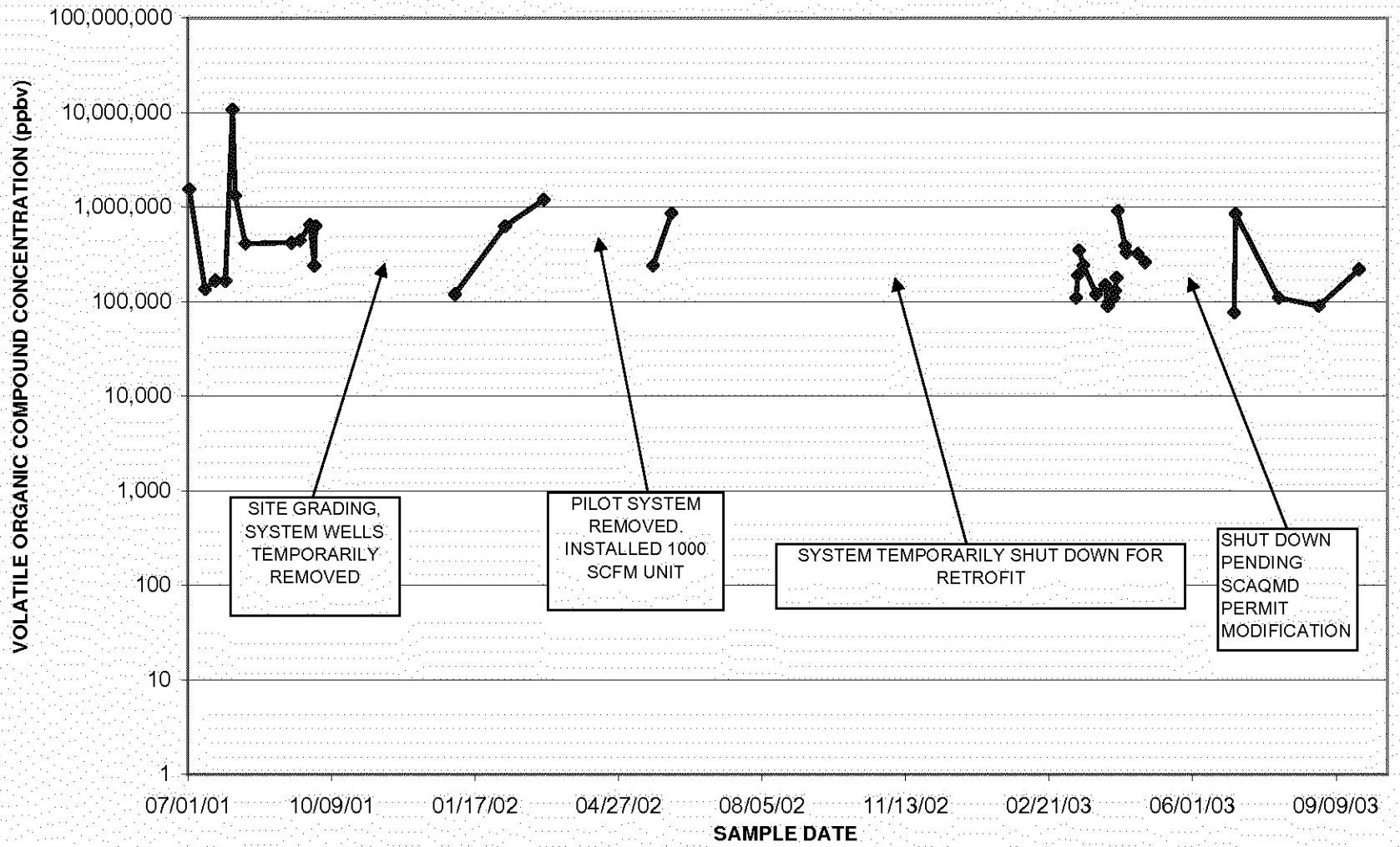
QA/QC: _____

DATE: _____

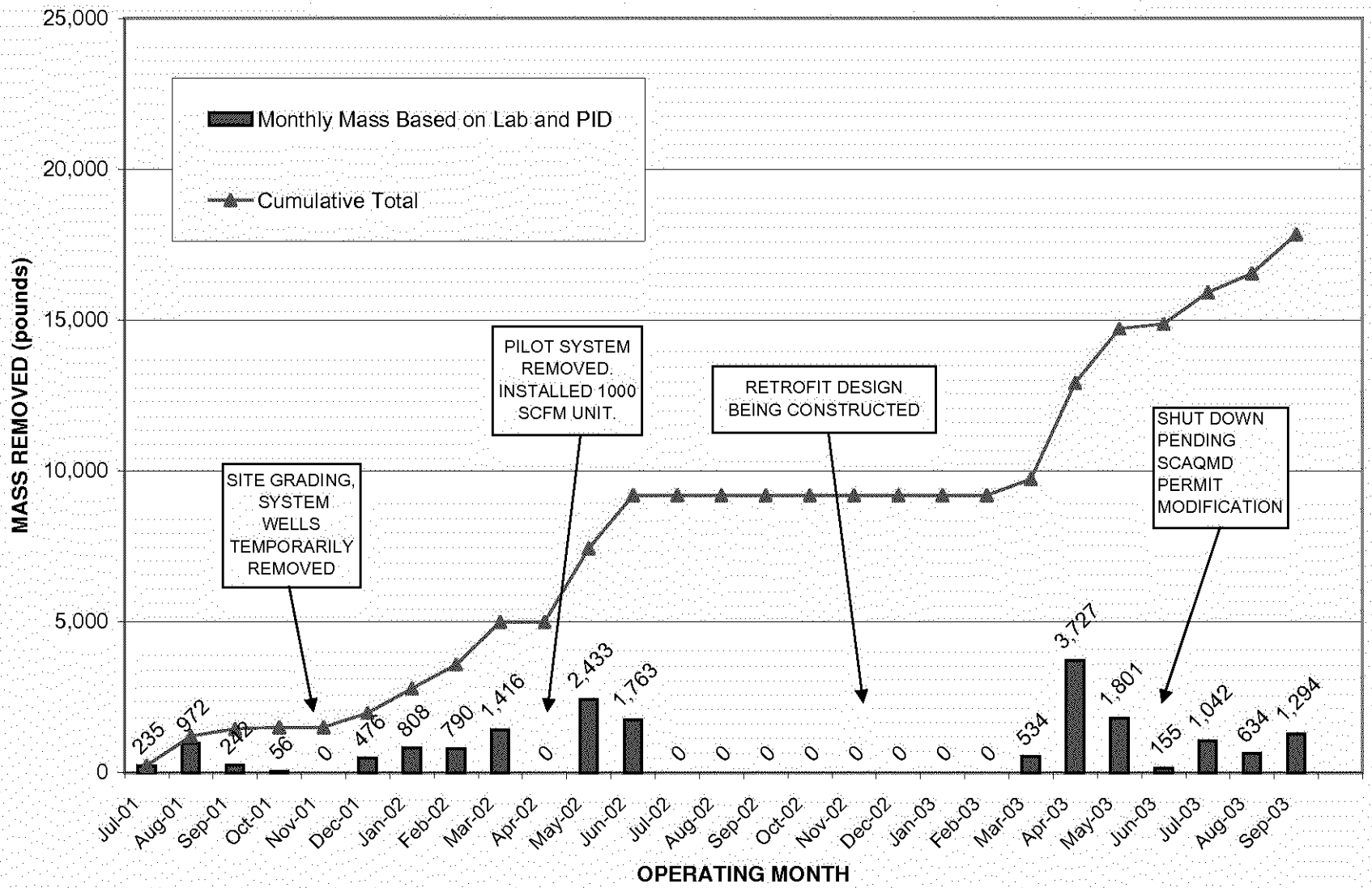
GRAPH 1
MONTHLY PERCENT OPERATION



GRAPH 2
SVE SYSTEM TOTAL DILUTED VOC INFLUENT CONCENTRATION
(LABORATORY DATA)



GRAPH 3
CUMULATIVE VOLATILE ORGANIC COMPOUND MASS REMOVED



MAINTENANCE LOG

Site Name: BRC Former C-6 Facility
Location: Los Angeles, California
System: Building 1/36 Interim Action SVE System

DATE	MAINTENANCE ACTIVITY
7/2/2001	Pilot system started
8/17/2001	One GAC vessel was changed out (8,000 lbs), system shut down contingent to potential move to C-1
9/11/2001	System restarted
10/1/2001	System shutdown and wells abandoned for site grading
11/29/2001	New well installed and re-piped to system
12/13/2001	System restarted
12/20/2001	System shutdown, GAC breakthrough
12/28/2001	One GAC vessel was changed out (8,000 lbs), system restarted
1/31/2002	System shutdown, GAC breakthrough
2/6/2002	One GAC vessel was changed out (8,000 lbs), system restarted
2/21/2002	System shutdown, GAC breakthrough
2/27/2002	One GAC vessel was changed out (8,000 lbs), system restarted
3/8/2002	System shutdown, GAC breakthrough, one GAC vessel was changed out (8,000 lbs), system restarted
3/29/2002	Pilot system shutdown and removed, GAC breakthrough, install 1,000 scfm unit
4/17/2002	One GAC vessel (8,000 lbs) changed out in preparation for 1000 scfm unit
5/15/2002	1000 scfm unit installed and started, South vessel as primary carbon
5/18/2002	System shutdown, west vessel switched into primary position, system restarted
5/21/2002	South GAC vessel was changed out (8,000 lbs), system restarted, south vessel as primary carbon
5/27/2002	System shut down, GAC breakthrough
5/29/2002	South and West GAC vessel were changed out (16,000 lbs), system restarted, west vessel as primary carbon
6/3/2002	North vessel as primary and south vessel as secondary carbon, system modifications installed
6/7/2002	System shutdown due to apparent vandalism
6/12/2002	GAC overheating discovered. Quenched with water
6/13/2002	Additional GAC quenching. GAC removed from all three vessels
8/1/2002 - 9/30/2002	Bidding and procurement for retrofit
10/30/2002	Notice to proceed for retrofit contractor
11/13/2002	Complete water line installation
12/3/2002	Deliver GAC vessels with retrofits
12/10/2002	Equipment and electrical installation
12/23/2002 - 1/2/2003	Holiday shutdown period
1/3/2003	System modification and pre-startup testing
3/12/2003	Begin start-up procedures: System operating during working hours while extraction wells are brought on-line
3/14/2003	Continuing start-up procedures: SVE is left to run continuously. More wells are brought on line.
3/24/2003	One GAC vessel was changed out (8,000 lbs), system restarted
3/31/2003	System shut down while waiting for carbon regeneration, GAC breakthrough during start-up procedures.
4/1/2003	Carbon in vessels V-2 and V-3 was replaced (approx 16,000 lbs) and the system restarted.
	Vessel V-4 made the primary and vessel V-3 the secondary.
4/3/2003	Start Turning on category 1 wells (wells with expected MEK concentrations)
4/7/2003	Removed 30 gallons of water that accumulated in wellfield piping.
	Water placed in on-site water storage tank.
4/11/2003	Breakthrough from primary vessel (V-4). Vessel V-3 made the primary and Vessel 2 the secondary
4/15/2003	Finished opening wells for re-start up prodedures: all wells open. Carbon in vessel V-4 replaced (8,000 lbs).
	Breakthrough from primary vessel V-3. Vessel V-2 made the primary and vessel V-4 the secondary.
4/16/2003	Carbon in vessel V-3 replaced (8,000 lbs.).
4/21/2003	Breakthrough from vessel V-2. Vessel V-4 made the primary and vessel V-3 the secondary.
	Carbon stored on-site while carbon is re-profiled as all wells are now on-line
4/25/2003	Carbon in vessel V-2 replaced (approx 6,500 lbs.).
4/29/2003	Breakthrough from vessel V-4. Vessel V-3 made the primary and vessel V-2 the secondary.
5/5/2003	Operation and Maintenance of SVE system turned over to Wayne Perry. Breakthrough of primary vessel (V3).
5/6/2003	Change carbon in primary (V3) and secondary (V2) vessels.
5/8/2003	Meeting with Value Engineering to obtain access to PLC program. Check system.
5/12/2003	O&M of system by WPI, breakthrough on primary vessel (V2). Changed primary vessel to V4 and secondary to V3
5/14/2003	Carbon change vessel (V2).
5/19/2003	O&M by WPI, breakthrough of primary vessel (V4), changed primary to V3 and secondary to V2.
5/21/2003	Carbon change vessel (V4).
5/22/2003	System shut down due to AQMD permit compliance issues. System remains shut down.
6/27/2003	Reviewed start-up check list.
	Raised exhaust stack from 12.5 to 14 feet.
	Blower motor was unstuck.
	Drained water from carbon canisters prior to start up.
7/2/2003	Carbon in V-2 and V-3 was replaced. V-4 was changed to primary and V-3 was changed to secondary.
7/18/2003	Breakthrough from primary vessel (V-4). Vessel V-3 made the primary and Vessel 2 the secondary.
7/24/2003	Carbon in V-4 was replaced. Greased motor and blower. Checked blower oil.
7/31/2003	Breakthrough from primary vessel (V-3). Vessel V-2 was changed to primary and V-4 the secondary.
8/7/2003	Carbon in V-3 replaced with 7 sacks of carbon. Secondary vessel changed from V-4 to V-3
8/14/2003	Per H&A , WPI closed VEW24A at 08:00. Carbon in V-2 replaced with 7 sacks of carbon.
8/21/2003	Per H&A , WPI opened Wells VEW22A and VEW24A. WPI also rechecked the following wells at H&A's
	direction: VEW9, VEW10B, VEW11B, VEW22A and VEW24A. VOC readings were taken after wells were openec
8/28/2003	Carbon in V-3 replaced with 7 sacks of carbon. Primary vessel changed from V-3 to V-2. Water pump making noi
	may need to be replaced.
9/4/2003	Computer screen not working and was unable to get temperatures on carbon tanks.
	Pump that removes water from carbon tanks still not working.
9/4/2003	Changed flows on VEW9, VEW11B and VEW24A. Opened and set flow at 10 for wells VEW21A, VEW21B, VEW:
	VEW23B and VEW24B per H&A .
9/5/2003	H&A is working on resolving computer issue which is still not working so there are no temperature readings.
9/5/2003	Adjusted wells per H&A : VEW9, VEW11B, VEW23A, VEW23B, VEW24A and VEW24B lowered flow to 5.
	Opened VEW24A, VEW24B to 10 scfm eff at 325 scfm. Opened VEW23B to 10 scfm eff at 1250 scfm. Closed
	VEW23B, VEW24A and VEW24B and left system running.
9/11/2003	Primary vessel changed from V-2 to V-4. Carbon in V-2 was replaced with 7 sacks of carbon. Opened VEW24A a
	VEW24B and set at 10 scfm per H&A.
9/18/2003	Primary vessel changed from V-4 to V-3. Carbon in V-4 was replaced with 7 sacks of carbon per H&A. Opened
	VEW23B. WPI reduced scfm to 8.25 that lowered undiluted influent to 845.
9/23/2003	Value Engineering repaired computer screen. System operation normal.
9/25/2003	Primary vessel changed from V-3 to V-2. Opened VEW23A at 20 scfm. Changed scfm on VEW9, VEW10B and
	VEW 11B from 10 to 20 scfm.