422

GROUNDWATER MONITORING REPORT
SEMIANNUAL EVENT
SEPTEMBER 2004

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

PREPARED FOR:

BOEING REALTY CORPORATION
15480 LAGUNA CANYON ROAD, SUITE 200
IRVINE, CALIFORNIA 92618

25 OCTOBER 2004

HALEY & ALDRICH

GROUNDWATER MONITORING – SEMIANNUAL EVENT
SEPTEMBER 2004
BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

by

Haley & Aldrich, Inc.
San Diego, California

for

Boeing Realty Corporation
Long Beach, California

File No. 28882-101
25 October 2004

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4900 E. CONNANT STREET, BUILDING 1
LONG BEACH, CALIFORNIA 90808

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Prepared by

HALEY & ALDRICH, INC.
9040 Friars Road, Suite 220
San Diego, California 92108
(619) 280-9210

REGISTERED GEOLOGIST
PAUL R. SONES
No. 6195
STATE OF CALIFORNIA

Paul R. Sones, RG #6195
Senior Hydrogeologist

Scott P. Zachary
Project Manager

HALEY & ALDRICH

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1. INTRODUCTION

Haley & Aldrich, Inc. (Haley & Aldrich) has prepared this report on behalf of Boeing Realty Corporation (BRC) to document the Groundwater Monitoring - Semiannual Event, September 2004 (2004 Semiannual Event) conducted at the Former C-6 Facility in Los Angeles, California (Site).

The 2004 Semiannual Event was conducted at the Site from 20 September through 24 September 2004, and included the following activities:

- Groundwater elevation measurements in 33 wells;
- Groundwater sample collection from 23 wells and subsequent analysis for volatile organic compounds (VOCs) by US Environmental Protection Agency (EPA) Method 8260B; and
- Monitored natural attenuation (MNA) parameter measurements in 23 wells for dissolved oxygen (DO), oxidation-reduction potential (ORP), pH, conductivity, and temperature.

This report provides documentation and discussion of the 2004 Semiannual Event.

2. SITE BACKGROUND

2.1 Site Location

The Site is located at 19503 South Normandie Avenue, in Los Angeles, California. It occupies approximately 170 acres, and is located between the cities of Torrance to the west, and Carson to the east.

The Site is bound on the north by 190th Street; on the east by Normandie Avenue; on the west by the former Industrial Light Metals (ILM) facility; and on the south by the former Montrose Chemicals facility and a residential area. A Site location plan is included as Figure 1; a Site plan as Figure 2.

2.2 Site History

The Site was reportedly used between 1952 and 1992 for manufacturing aircraft. Prior to that time, industrial use of the Site included aluminum and steel production. Before 1940, the Site was reportedly farmland. A limited amount of assembly and warehouse-related activities continued through mid-2000. The Site is currently demolished, and in various stages of redevelopment.

Groundwater investigation activities began in 1987. Since then, 64 groundwater monitoring wells have been installed. Twenty-one of these 64 wells have since been removed as a result of redevelopment activities. Eight groundwater monitoring wells have recently been installed in March 2004, and were also gauged and sampled during the 2004 Semiannual Event. These eight new wells were also gauged and sampled in May and July 2004 in compliance with the Site 2004 Groundwater Monitoring Work Plan (Haley & Aldrich, 2003a). The results of these two previous sampling events are included in this report. Prefixes of Site groundwater monitoring wells include BL, DAC, WCC, TMW, XMW, CMW, and MW. Table I is a compilation of the groundwater monitoring well details.

2.3 Regional Geology and Hydrogeology

A description of the geology and hydrogeology of the region surrounding the Site is discussed in the Site-Wide Groundwater Assessment Report (Haley & Aldrich, 2002) and previous groundwater monitoring reports prepared by Haley & Aldrich and Kennedy/Jenks Consultants (Kennedy/Jenks Consultants, 2000).

3. GROUNDWATER SAMPLING PROCEDURES

3.1 Monitoring Plans

Eight groundwater monitoring wells were installed at the Site in March 2004. The Groundwater Monitoring Work Plan 2004 (Haley & Aldrich, 2003a) requires that newly installed monitoring wells be sampled approximately every three months for four consecutive events to assess possible seasonal variations. Therefore, in addition to the 2004 Semiannual Event, these eight new wells were also monitored and sampled on May 5 and 6 and July 15 and 16, 2004.

The 2004 Semiannual Event was conducted from 20 September through 24 September 2004 by Tait Environmental Management, Inc. (TEM) field personnel. Work was conducted in accordance with the following documents:

- *Groundwater Monitoring Work Plan 2004*, by Haley & Aldrich, Inc., dated 31 October 2003, and approved by the Los Angeles Regional Water Quality Control Board (LARWQCB) on 12 December 2003 (Haley & Aldrich, 2003a).
- *Standard Operating Procedure, Groundwater Gauging and Sampling*, prepared by Tait Environmental Management, dated 9 September 2002.

Monitored natural attenuation sampling was conducted according to:

- *Standard Operating Procedures for Measuring Natural Attenuation Parameters at Boeing Realty Corporation Former C-6 Facility, Revision 1.0*, prepared by Haley & Aldrich, Inc., and England Geosystem Inc., dated 9 January 2001.

Activities performed during the Semiannual Groundwater Monitoring and Sampling event were as follows.

3.2 Groundwater Elevation Measurement

- Water levels were measured in 33 Site groundwater wells on 20 September 2004 (Table II).
- Two groundwater elevation contour maps were generated based on these measurements, one for the Middle Bellflower B-Sand (MBFB) [Figure 3]) and one for the Middle Bellflower C-Sand (MBFC) [Figure 4]).

3.3 Well Purging, Sampling, and Analysis

- Twenty-three Site groundwater monitoring wells were purged and sampled from 20 September through 24 September 2004.

- Eight Site groundwater monitoring wells were purged and sampled on 5 May and 6 May 2004, and on 15 July and 16 July 2004.
- At least three wetted casing volumes of water were purged with a submersible pump from each well.
- Well purge water was monitored for pH, temperature, and specific conductivity stability.
- Purging was completed when either a minimum of three wetted casing volumes were removed and three consecutive measurements of pH, temperature, and specific conductance were within 10% of each other, or after five casing volumes were purged. Groundwater samples were collected from the 23 wells with a submersible pump and analyzed for VOCs by EPA Method 8260B.
- Quality Assurance/Quality Control (QA/QC) samples were also collected and analyzed for VOCs by EPA Method 8260B. (See Section 5 for description).

3.4 MNA Parameters

- MNA parameters (DO, ORP, and pH) were measured in the field during well purging.

3.5 Field Procedures

Field procedures for this sampling event are previously referenced in this document, in Section 3.1.

3.6 Sample Naming

Groundwater samples were labeled in the following format, in accordance with the Boeing Data Management Plan (DMP) prepared by CH2Mhill, and dated January 2002 (CH2MHill, 2002):

For example: TMW_10_WG092104_0001

Where:

TMW_10 = the groundwater monitoring well name
WG = Groundwater sample
092104 = date the sample was collected (mmddyy)
0001 = the number of samples taken from the well

3.7 Groundwater Monitoring Program Variances

Combined equipment rinsate blanks and field blanks were collected each day during the sampling event by running laboratory-supplied distilled water over and through the sampling

equipment. The combined QA/QC samples were analyzed for VOCs by EPA Method 8260B. During future sampling events, separate rinsate blanks and field blanks will be collected.

4. MONITORING AND SAMPLING RESULTS

4.1 Groundwater Elevations

Field sheets for the data collected by TEM are included in Appendix A; a summary of the groundwater elevations for the 2004 Semiannual Event is presented in Table II.

4.1.1 MBFB

During the 2004 Semiannual Event, groundwater elevations at the Site in the MBFB ranged from -10.81 to -21.39 feet mean sea level (MSL), or approximately 65 feet below ground surface (bgs). Due to Site bioremediation injection pilot testing, groundwater elevations have been locally modified and have not been contoured for this report. Figure 3 includes the groundwater elevations for the MBFB water-bearing zone from the 2004 Semiannual Event.

4.1.2 MBFC

During the 2004 Semiannual Event, groundwater elevations at the Site in the MBFC ranged from -11.88 to -15.78 feet MSL, or approximately 67 feet bgs. Figure 4 is a groundwater elevation contour map of the MBFC water-bearing zone, generated using data collected from the 2004 Semiannual Event. The average horizontal hydraulic gradient in the MBFC was calculated at approximately 0.004 ft/ft to the southeast. The groundwater in the MBFC generally appears to flow in a southeasterly direction (Figure 4). Historic groundwater levels are presented in Table III.

4.2 Groundwater Quality

4.2.1 VOC Results

VOC analysis results by EPA Method 8260B for the two prior quarterly sampling events (May and July 2004) and the 2004 Semiannual Event are summarized in Table IV. Based on visual observations during well sampling, TEM recorded no indications of dense non-aqueous phase liquid (DNAPL) in any of the sampled wells. Based on a review of previous monitoring reports, plume geometries for trichloroethene (TCE) generally appear unchanged since 1999 (Haley & Aldrich, Inc. and England Geosystem Inc., 2001b and 2001c and Haley & Aldrich, Inc., 2003b, and 2003c).

Figures 5 and 6 show the dissolved-phase TCE concentrations in the MBFB and MBFC, respectively. Table IV summarizes the groundwater analytical data for the wells sampled during the previous interim sampling events of eight recently installed monitoring wells (May and July 2004), and the 2004 Semiannual Event.

4.2.2 Field MNA Parameters

Field monitoring of DO, ORP, and pH was conducted during the 2004 Semiannual Event. A summary of the prior May and July quarterly events, and the September 2004 monitored natural attenuation parameters is included in Table VI, and in the Field Data in Appendix A. These parameters are generally similar to the March, May and June 2004 sampling events data, and suggest that in-situ conditions have not changed. The distribution of DO and ORP suggests evidence of intrinsic biotransformation of VOCs in the potential source area near former Buildings 1/36 and 2, as well as along the southern property boundary. It appears that DO has been depleted within the areas of TCE and 1,1-DCE-impacted groundwater. ORP is negative within the Building 1/36 area (TMW-2), suggesting anaerobic-reducing conditions.

5. QA/QC

5.1 Field Quality Control Samples

5.1.1 Field Duplicates

Seven duplicate groundwater samples were collected from the May 2004 sampling event; one duplicate groundwater sample was collected from the July 2004 sampling event. These results are included in Table IV.

Three duplicate groundwater samples from the 2004 Semiannual Event were analyzed for VOC concentrations from wells MW0005, CMW0002, and MWC017. These results are included in Table IV. Duplicate laboratory data can be used to measure how well replicate measurements reproduce, and also to estimate overall method precision. Relative percent difference (RPD) is a precision measurement, and is calculated as follows:

$$(\text{Result 1} - \text{Result 2}) / \tfrac{1}{2} (\text{Result 1} + \text{Result 2}) * 100\%$$

The RPD will often vary with the concentration of analyte; RPD lessening as the concentration increases. If the variation is greater than plus or minus 15%, but less than 100%, the reported concentrations are up to standard. If the variation is greater than 100%, the data is subject to further evaluation (i.e., comparison with historic well data). The data from MW0005, CMW0002, and MWC017 and their respective duplicates were reported to have RPDs less than or equal to 18%, which indicates the reported concentrations are up to standard.

5.1.2 Equipment Rinsate Blanks

Two equipment rinsate blanks were collected after cleaning the sampling equipment with deionized water during each of the prior May and July 2004 sampling events and analyzed for VOCs by EPA Method 8260B. These results are included in Table IV.

Five equipment rinsate blanks were collected after cleaning the sampling equipment with deionized water during the from the 2004 Semiannual Event. These rinsate samples were analyzed for VOCs by EPA Method 8260B. Low concentrations (<10 μg/l) of acetone, bromodichloromethane, bromoform, chloroform and dibromochloromethane were detected in the equipment blank samples, as shown on Table IV.

5.1.3 Trip Blanks

One laboratory-prepared trip blank was shipped to the laboratory on a daily basis to check for cross-contamination during the May and July 2004 sampling events. These samples were analyzed for VOCs by EPA Method 8260B. These results are included in Table IV.

One laboratory-prepared trip blank was shipped to the laboratory on a daily basis during the 2004 Semiannual Event to check for cross-contamination. The samples were analyzed for VOCs by EPA Method 8260B. Chloromethane (0.57 J µg/l) was detected in one of these trip blank, as shown in Table IV.

5.1.4 Data Validation and Laboratory QA/QC Samples

Final laboratory-certified reports and laboratory quality control procedures are included on the compact disc as Appendix B.

Data validation was performed on 10% of the samples. Of the 10%, Tier I data validation was performed on 55% of the samples, Tier II data validation was performed on 45% of the samples; Tier III data validation on 5% of the samples. Based on the data validation results, the data collected during this event is adequate for continued characterization and monitoring of VOCs in groundwater beneath the Site. Data validation results are provided in Appendix C. Appropriate data qualifiers, as determined by Laboratory Data Consultants, Inc. (data validation subcontractor), have been included where appropriate.

6. LIMITATIONS

This report was prepared by Haley & Aldrich under the professional direction and review of the registered professionals listed on the title page. The work described herein was conducted in accordance with generally accepted professional engineering and geologic practice. No other warranty exists, either expressed or implied.

In addition to data collected by, and observations made by Haley & Aldrich personnel, this report incorporates Site conditions observed and described by others as reported in records available to Haley & Aldrich as of the report preparation date. Haley & Aldrich relied, in part, on such data collected by others in the development of interpretations about environmental conditions at the Site. The accuracy, precision, or representative nature of data originally generated by others could not be independently verified by Haley & Aldrich, and would be beyond the scope of this project.

In addition, the passage of time may result in changes to Site conditions, technology, or economic conditions which could alter the findings and/or recommendations of the report.

REFERENCES

1. CH2MHill, 2002. "Data Management Plan, prepared for The Boeing Company." Revision 04, January 2002.

2. Haley & Aldrich, Inc. and England Geosystem, 2001a. "Standard Operating Procedures for Measuring Natural Attenuation Parameters at Boeing Realty Corporation Former C-6 Facility." Revision 1.0, 9 January 2001.

3. Haley & Aldrich, Inc. and England Geosystem, 2001b. "Groundwater Monitoring Report, Annual Event, January/February 2001, Boeing Realty Corporation Former C-6 Facility, Los Angeles, California." June 2001.

4. Haley & Aldrich, Inc. and England Geosystem, 2001c. "Groundwater Monitoring Report, Semi-Annual Event, June 2001, Boeing Realty Corporation Former C-6 Facility, Los Angeles, California." October 2001.

5. Haley & Aldrich, 2003a. "Groundwater Monitoring Workplan 2004", dated 31 October 2003.

6. Haley & Aldrich, Inc., 2003b. "Groundwater Monitoring Report, Annual Event, March 2002, Boeing Realty Corporation Former C-6 Facility, Los Angeles, California." May 2003.

7. Haley & Aldrich, Inc., 2003c. "Groundwater Monitoring Report, Semi-Annual Event, September 2002, Boeing Realty Corporation Former C-6 Facility, Los Angeles, California." November 2003.

8. Haley & Aldrich, Inc., 2003. "Groundwater Monitoring Report, Annual Event, March 2003, Boeing Realty Corporation Former C-6 Facility, Los Angeles, California." May 2003.

9. Kennedy/Jenks Consultants, 2000. "Groundwater Status Report," dated 27 October 2000.

10. Tait Environmental Management, Inc., 2001. "Boeing Realty Corporation, Former C-6 Facility, Groundwater Monitoring Services, Standard Operating Procedures." 11 January 2001.

Tables

BOE-C6-0067787

TABLE I
WELL INFORMATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Name	Easting[1]	Northing[1]	Top of Casing Elevation (AMSL)[2,3,4]	Boring Total Depth (feet)	Screen Depth Interval (feet)	Depth to Top of Filter Pack (feet)	Casing Diameter (inches)	Casing Type	Slot Size	Drilled Date
WCC-1S*	12738.89	13194.04	50.74	91	77-87	75	2	Sched 40 PVC	0.020-Inch	3/25/1987
WCC-1D*	12739.11	13181.09	50.69	140	120-140	114	4	Sched 40 PVC	0.010-Inch	6/30/1989
WCC-2S*	12234.27	13451.60	50.83	91	70-90	63	4	Sched 40 PVC	0.010-Inch	10/28/1987
WCC-3S	12608.52	13238.90	51.12	92	69-89	64	4	Sched 40 PVC	0.010-Inch	10/26/1987
WCC-3D*	12583.61	13265.87	51.11	140	120-140	115	4	Sched 40 PVC	0.010-Inch	6/27/1989
WCC-4S	12741.35	13075.30	49.62	92	70.5-90.5	65	4	Sched 40 PVC	0.010-Inch	10/27/1987
WCC-5S	12963.90	12998.70	48.79	91	61-91	64	4	Sched 40 PVC	0.010-Inch	11/24/1987
WCC-6S	12580.24	12953.10	51.30	91	60-90	54	4	Sched 40 PVC	0.010-Inch	9/22/1989
WCC-7S	12730.37	12868.65	50.20	91	60-90	54	4	Sched 40 PVC	0.010-Inch	6/8/1989
WCC-8S*	12737.33	13318.92	50.87	90	59.5-89.5	54	4	Sched 40 PVC	0.010-Inch	6/12/1989
WCC-9S	12928.87	12627.94	46.85	92	60-90	55	4	Sched 40 PVC	0.010-Inch	9/21/1989
WCC-10S*	11338.90	14038.98	58.17	91	60-90	54	4	Sched 40 PVC	0.010-Inch	6/7/1989
WCC-11S*	12744.01	13870.68	51.34	91	60-90	56	4	Sched 40 PVC	0.010-Inch	9/13/1990
WCC-12S	12749.26	12715.21	46.92	92	60-90	55	4	Sched 40 PVC	0.010-Inch	9/17/1990
DAC-P1	11194.86	12988.63	52.75	90	60-90	55	4	Sched 40 PVC	0.010-Inch	9/25/1989
TMW-1	12212.00	13143.49	56.46	91	66-86	64	2	Sched 40 PVC	0.010-Inch	6/28/1998
TMW-2	12478.09	13161.38	56.38	92	67-87	62	2	Sched 40 PVC	0.010-Inch	6/28/1998
TMW-3*	11909.54	12315.47	51.36	87	62.5-82.5	60	2	Sched 40 PVC	0.010-Inch	7/21/1998
TMW-4	12498.69	12334.70	48.79	84	58-78	56	2	Sched 40 PVC	0.010-Inch	6/30/1998
TMW-5*	12038.44	11931.45	53.32	89	64-84	63	2	Sched 40 PVC	0.010-Inch	7/2/1998
TMW-6	12552.93	11936.32	49.50	93	67-87	66	2	Sched 40 PVC	0.010-Inch	7/1/1998
TMW-7	12560.70	12701.25	52.52	91	65-85	63	2	Sched 40 PVC	0.010-Inch	6/29/1998
TMW-8	12571.93	12812.42	53.99	90	61-81	59	2	Sched 40 PVC	0.010-Inch	6/29/1998
TMW-9	12344.53	12740.05	52.75	85	60-80	58	2	Sched 40 PVC	0.010-Inch	6/30/1998
TMW-10	12968.14	12170.61	47.48	85	60.5-80.5	58	2	Sched 40 PVC	0.010-Inch	1/28/1999
TMW-11	12968.08	11423.04	47.41	83	58-78	55	2	Sched 40 PVC	0.010-Inch	2/1/1999
TMW-12*	12529.43	11402.90	51.67	89	63-83	60	2	Sched 40 PVC	0.010-Inch	1/27/1999
TMW-13*	11973.10	11416.11	50.89	85	60-80	58	2	Sched 40 PVC	0.010-Inch	2/2/1999
TMW-14	11797.06	11416.11	58.16	90	65-85	63	2	Sched 40 PVC	0.010-Inch	2/3/1999
TMW-15	11800.22	12165.10	55.23	92	62-87	60	2	Sched 40 PVC	0.010-Inch	2/4/1999
TMW-16*	11887.57	12904.74	55.73	88	61.5-81.5	60	2	Sched 40 PVC	0.010-Inch	1/29/1999
TMW-17*	11533.67	12604.45	-	87	62-82	59	2	Sched 40 PVC	0.010-Inch	5/10/1999
BL-1*	11218.52	13450.56	58.34	82	61.5-81.5	57	2	Sched 40 PVC	0.010-Inch	2/2/1999
BL-2*	11202.12	12546.32	58.15	82	61.5-81.5	57	2	Sched 40 PVC	0.010-Inch	2/3/1999
BL-3	11207.79	11961.46	56.48	79	59-79	56	2	Sched 40 PVC	0.010-Inch	2/8/1999
BL-4*	11333.09	11087.39	-	79	58-78	55	2	Sched 40 PVC	0.010-Inch	2/16/1999
BL-5*	11397.77	13550.72	-	79	58-78	55	2	Sched 40 PVC	0.010-Inch	2/4/1999
BL-6*	11547.74	13063.70	-	79	58-78	55	2	Sched 40 PVC	0.010-Inch	2/4/1999
BL-7*	11569.25	12295.45	-	79	58-78	54	2	Sched 40 PVC	0.010-Inch	2/8/1999
BL-8*	11546.23	11321.84	-	81	60-80	57	2	Sched 40 PVC	0.010-Inch	2/16/1999

TABLE I
WELL INFORMATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Name	Easting[1]	Northing[1]	Top of Casing Elevation (AMSL)[2, 3, 4]	Boring Total Depth (feet)	Screen Depth Interval (feet)	Depth to Top of Filter Pack (feet)	Casing Diameter (inches)	Casing Type	Slot Size	Drilled Date
Montrose Wells										
XMW-09	12654.36	11148.11	53.67	-	66-81	-	4	-	-	5/9/1989
XMW-18*	12286.92	11426.42	50.34	-	68-83	-	4	-	-	3/29/1990
XMW-19	12968.08	11757.92	46.53	-	63-79	-	4	-	-	3/30/1990
New Wells - 2003										
MW0005	6470243	1769060	49.57	87	65-85	63	4	Sched 40 PVC	0.010-Inch	8/8/2003
CMW0001	6470711	1768180	51.81	124	99-124	97	4	Sched 40 PVC	0.010-Inch	8/15/2003
CMW0002	6470556	1767936	--	124	99-124	97	4	Sched 40 PVC	0.010-Inch	9/5/2003
CMW026	6470290	1768600	48.94	117	92-117	90	4	Sched 40 PVC	0.010-Inch	8/6/2003
IRZCMW0001	6470229	1768657	49.14	117	92-117	90	4	Sched 40 PVC	0.010-Inch	8/6/2003
IRZCMW0002	6470428	1768407	52.98	121	96-121	94	4	Sched 40 PVC	0.010-Inch	5/12/2003
IRZCMW0003	6470309	1768590	49.12	117	92-117	90+	4	Sched 40 PVC	0.010-Inch	8/8/2003
IRZMW0002A	6469851	1768986	54.07	78	68-78	66	2	Sched 40 PVC	0.010-Inch	6/3/2003
IRZMW0002B	6469851	1768985	54.17	93	83-93	82	2	Sched 40 PVC	0.010-Inch	6/3/2003
IRZMW0003A	6469878	1768982	54.14	75	65-75	63	2	Sched 40 PVC	0.010-Inch	6/2/2003
IRZMW0003B	6469878	1768982	54.20	90	80-90	79	2	Sched 40 PVC	0.010-Inch	6/2/2003
IRZMW0004	6470062	1768607	50.48	90	65-90	63	4	Sched 40 PVC	0.010-Inch	9/4/2003
IRZMW0005	6470049	1768705	50.19	90	65-90	63	4	Sched 40 PVC	0.010-Inch	9/5/2003
New Wells - 2004										
MWB012	6470065	1768993	52.41	90.5	64.5-84.5	62	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWB013	6469613	1769393	55.31	86.5	65-85	62	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWB014	6470281	1768401	52.04	86.5	65-85	62	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWB019	6469963	1768134	55.14	90.5	65-85	62	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWC015	6470239	1768805	51.47	128	100-125	126.5	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWC016	6469997	1768713	52.54	131	102.5-127.5	101	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWC017	6469979	1768134	55.12	128	100-125	99	4	Sched 40 PVC	0.010-Inch	5/17/2004
MWC021	6470724	1768929	54.52	126	97-122	95	4	Sched 40 PVC	0.010-Inch	5/17/2004

1 Local coordinate system (feet)
2 AMSL = Above Mean Sea Level - Wells were surveyed March 19, 2002 & September 13, 2002 by Tait & Associates.
3 Wells TMW-4 and TMW-6 were cut down during redevelopment activities. These wells were re-surveyed by Thienes Engineering, Inc. in October 2003.
4 Wells installed in 2004 were surveyed by Tait & Associates in May 2004.
* Indicates abandoned well.

QA/QC: PRS
Date: 10/25/04

Table II
GROUNDWATER ELEVATIONS - SEPTEMBER 2004
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Measured	Reference Elevation (feet AMSL) [1, 2]	Total Depth (feet) [3]	Depth to Water (feet) [4]	Ground Water Elevation (feet AMSL)
WCC-3S	9/20/2004	51.12	88.81	64.04	-12.92
WCC-4S	9/20/2004	49.62	89.81	62.74	-13.12
WCC-5S	9/20/2004	48.79	90.07	61.93	-13.14
WCC-6S	9/20/2004	51.30	NM	NM	NM
WCC-7S	9/20/2004	50.20	90.57	63.40	-13.20
WCC-9S [5]	9/20/2004	46.85	96.33	68.24	-21.39
WCC-12S	9/20/2004	46.92	NM	NM	NM
DAC-P1	9/20/2004	52.75	90.46	65.31	-12.56
TMW-1	9/20/2004	56.46	84.55	69.70	-13.24
TMW-2	9/20/2004	56.38	85.11	69.05	-12.67
TMW-4	9/20/2004	48.79	77.00	62.71	-13.92
TMW-6	9/20/2004	49.50	78.70	63.29	-13.79
TMW-7	9/20/2004	52.52	83.61	65.92	-13.40
TMW-8	9/20/2004	53.99	82.71	67.50	-13.51
TMW-9	9/20/2004	52.75	80.06	66.09	-13.34
TMW-10	9/20/2004	47.48	78.00	61.21	-13.73
TMW-11	9/20/2004	47.41	77.19	61.65	-14.24
TMW-14	9/20/2004	58.91	85.31	70.56	-11.65
TMW-15	9/20/2004	55.23	87.20	68.58	-13.35
BL-3	9/20/2004	56.48	80.80	69.98	-13.50
XMW-09	9/20/2004	53.17	76.35	65.00	-11.83
XMW-19	9/20/2004	46.53	76.95	60.54	-14.01
MW0005	9/20/2004	49.57	87.75	63.46	-13.89
MWB012	9/20/2004	52.41	90.5	63.80	-11.39
MWB013	9/20/2004	55.31	86.5	66.12	-10.81
MWB014	9/20/2004	52.04	86.5	63.50	-11.46
MWB019	9/20/2004	55.14	90.5	67.22	-12.08
CMW0001	9/20/2004	51.18	124.26	66.96	-15.78
CMW0002	9/20/2004	52.81	124.34	65.35	-12.54
CMW026	9/20/2004	48.94	118.11	63.30	-14.36
MWC015	9/20/2004	51.47	128	63.34	-11.87
MWC016	9/20/2004	52.54	131	64.92	-12.38
MWC017	9/20/2004	55.12	128	67.76	-12.64
MWC021	9/20/2004	54.52	126	66.40	-11.88
IRZMW0002B	9/20/2004	54.17	88.52	67.68	-13.51

Notes:
1. AMSL = Above Mean Sea Level - Wells were surveyed March 19, 2002 & September 13, 2002 by Tait & Associates.
2. Wells TMW-4 and TWM-6 were re-surveyed by Thienes Engineering, Inc. in October 2003.
3. Total depth as measured in the field during groundwater monitoring well gauging.
4. Depth to Water measurements taken from top of monitoring well casing
5. Anomalous water level elevation compared to measurements from previous years. Well measuring point to be re-surveyed.
NM = Not measured
NA = Not available

QA/QC: PRS
Date: 10/25/04

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
BL-1	3/6/1999	58.34	70.75	-12.41
BL-1	7/12/1999	58.34	70.72	-12.38
BL-1	1/14/2000	58.34	71.04	-12.70
BL-1	6/20/2000	58.34	71.20	-12.86
BL-1	1/15/2001	58.34	71.41	-13.07
BL-1	7/16/2001	58.34	71.03	-12.69
BL-2	3/6/1999	58.15	71.47	-13.32
BL-2	7/12/1999	58.15	71.32	-13.17
BL-2	1/14/2000	58.15	71.55	-13.40
BL-2	6/20/2000	58.15	71.66	-13.51
BL-2	1/15/2001	58.15	71.91	-13.76
BL-3	3/6/1999	59.33	73.22	-13.89
BL-3	7/12/1999	59.33	73.16	-13.83
BL-3	1/14/2000	59.33	73.41	-14.08
BL-3	6/20/2000	59.33	73.58	-14.25
BL-3	1/15/2001	59.33	73.70	-14.37
BL-3	3/21/2002	56.48	70.25	-13.77
BL-3	9/13/2002	56.48	70.42	-13.94
BL-3	3/24/2003	56.48	70.35	-13.87
BL-3	9/22/2003	56.48	70.08	-13.60
BL-3	3/19/2004	56.48	70.08	-13.60
BL-3	9/20/2004	56.48	69.98	-13.50
BL-4	3/6/1999	NA	NA	-14.51
BL-4	7/12/1999	NA	NA	-14.43
BL-4	1/14/2000	NA	NA	-15.11
BL-5	3/6/1999	NA	NA	-12.52
BL-5	7/12/1999	NA	NA	-12.53
BL-5	1/14/2000	NA	NA	-12.87
BL-6	3/6/1999	NA	NA	-12.92
BL-6	7/12/1999	NA	NA	-12.83
BL-6	1/14/2000	NA	NA	-13.15
BL-7	3/6/1999	NA	NA	-13.57
BL-7	7/12/1999	NA	NA	-13.44
BL-7	1/14/2000	NA	NA	-14.41
BL-8	3/6/1999	NA	NA	-14.27
BL-8	7/12/1999	NA	NA	-14.29
BL-8	1/14/2000	NA	NA	-14.55
CMW0001	3/19/2004	51.18	66.91	-14.29
CMW0001	9/20/2004	51.18	66.96	-15.78
CMW0002	3/19/2004	NA	65.31	NA
CMW0002	9/20/2004	52.81	65.35	-12.54
CMW026	3/19/2004	48.94	63.51	-14.57
CMW026	9/20/2004	48.94	63.30	-14.36
DAC-P1	6/15/1992	52.75	70.51	-17.76
DAC-P1	9/21/1992	52.75	70.63	-17.88
DAC-P1	1/5/1993	52.75	70.77	-18.02
DAC-P1	4/9/1993	52.75	70.21	-17.46
DAC-P1	6/7/1993	52.75	70.13	-17.38
DAC-P1	8/24/1993	52.75	69.78	-17.03
DAC-P1	11/18/1993	52.75	69.51	-16.76
DAC-P1	2/23/1994	52.75	69.49	-16.74
DAC-P1	6/10/1994	52.75	69.35	-16.60
DAC-P1	9/8/1994	52.75	69.23	-16.48

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
DAC-P1	12/21/1994	52.75	69.00	-16.25
DAC-P1	3/13/1995	52.75	69.16	-16.41
DAC-P1	6/12/1995	52.75	68.69	-15.94
DAC-P1	9/20/1995	52.75	68.41	-15.66
DAC-P1	12/12/1995	52.75	68.41	-15.66
DAC-P1	2/29/1996	52.75	68.15	-15.40
DAC-P1	6/6/1996	52.75	67.77	-15.02
DAC-P1	9/18/1996	52.75	67.63	-14.88
DAC-P1	12/18/1996	52.75	67.42	-14.67
DAC-P1	5/6/1997	52.75	66.95	-14.20
DAC-P1	7/1/1997	52.75	66.78	-14.03
DAC-P1	7/22/1997	52.75	66.76	-14.01
DAC-P1	8/4/1997	52.75	66.73	-13.98
DAC-P1	8/19/1997	52.75	66.66	-13.91
DAC-P1	9/3/1997	52.75	66.68	-13.93
DAC-P1	9/16/1997	52.75	66.66	-13.91
DAC-P1	7/14/1998	52.75	66.03	-13.28
DAC-P1	3/6/1999	52.75	65.62	-12.87
DAC-P1	7/12/1999	52.75	65.47	-12.72
DAC-P1	6/20/2000	52.75	65.76	-13.01
DAC-P1	3/21/2002	52.75	65.52	-12.77
DAC-P1	9/13/2002	52.75	65.64	-12.89
DAC-P1	3/24/2003	52.75	65.58	-12.83
DAC-P1	9/22/2003	52.75	65.36	-12.61
DAC-P1	3/19/2004	52.75	65.42	-12.67
DAC-P1	9/20/2004	52.75	65.31	-12.56
MW0005	3/19/2004	49.57	63.50	-13.93
MW0005	9/20/2004	49.57	63.46	-13.89
MWB012	5/6/2007	52.41	63.90	-11.49
MWB012	7/16/2004	52.41	63.72	-11.31
MWB012	9/20/2004	52.41	63.80	-11.39
MWB013	5/7/2004	55.31	66.00	-10.69
MWB013	7/15/2004	55.31	65.98	-10.67
MWB013	9/20/2004	55.31	66.12	-10.81
MWB014	5/7/2004	52.04	63.43	-11.39
MWB014	7/15/2004	52.04	63.30	-11.26
MWB014	9/20/2004	52.04	63.50	-11.46
MWB019	5/7/2004	55.14	67.12	-11.98
MWB019	7/16/2004	55.14	67.08	-11.94
MWB019	9/20/2004	55.14	67.22	-12.08
MWC015	5/6/2004	51.47	63.35	-11.88
MWC015	7/16/2004	51.47	63.12	-11.65
MWC015	9/20/2004	51.47	63.34	-11.87
MWC016	5/6/2004	52.54	64.82	-12.28
MWC016	7/16/2004	52.54	64.66	-12.12
MWC016	9/20/2004	52.54	64.92	-12.38
MWC017	5/7/2004	55.12	67.62	-12.50
MWC017	7/16/2004	55.12	67.60	-12.48
MWC017	9/20/2004	55.12	67.76	-12.64
MWC021	5/7/2004	54.52	66.25	-11.73
MWC021	7/15/2004	54.52	66.29	-11.77
MWC021	9/20/2004	54.52	66.40	-11.88

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
TMW-1	7/14/1998	51.24	64.65	-13.41
TMW-1	9/22/1998	51.24	64.80	-13.56
TMW-1	10/16/1998	51.24	64.61	-13.37
TMW-1	3/6/1999	51.24	64.76	-13.52
TMW-1	7/12/1999	51.24	64.48	-13.24
TMW-1	6/20/2000	51.24	64.89	-13.65
TMW-1	1/15/2001	51.24	65.00	-13.76
TMW-1	7/16/2001	51.24	64.55	-13.31
TMW-1	3/21/2002	56.51	69.57	-13.06
TMW-1	9/13/2002	56.46	69.97	-13.51
TMW-1	3/24/2003	56.46	69.84	-13.38
TMW-1	9/22/2003	56.46	69.56	-13.10
TMW-1	3/19/2004	56.46	69.72	-13.26
TMW-1	9/20/2004	56.46	69.70	-13.24
TMW-2	7/14/1998	51.18	64.60	-13.42
TMW-2	9/22/1998	51.18	64.67	-13.49
TMW-2	10/16/1998	51.18	64.58	-13.40
TMW-2	3/6/1999	51.18	64.59	-13.41
TMW-2	7/12/1999	51.18	64.48	-13.30
TMW-2	6/20/2000	51.18	64.64	-13.46
TMW-2	1/15/2001	51.18	64.93	-13.75
TMW-2	7/16/2001	51.18	64.52	-13.34
TMW-2	3/21/2002	56.42	69.55	-13.13
TMW-2	9/13/2002	56.38	69.89	-13.51
TMW-2	3/25/2003	56.38	69.79	-13.41
TMW-2	9/22/2003	56.38	69.44	-13.06
TMW-2	3/19/2004	56.38	69.62	-13.24
TMW-2	9/20/2004	56.38	69.05	-12.67
TMW-3	7/14/1998	51.07	65.24	-14.17
TMW-3	9/22/1998	51.07	65.25	-14.18
TMW-3	10/16/1998	51.07	65.13	-14.06
TMW-3	3/6/1999	51.07	65.21	-14.14
TMW-3	7/12/1999	51.07	64.98	-13.91
TMW-3	6/20/2000	51.07	65.19	-14.12
TMW-3	1/15/2001	51.07	65.41	-14.34
TMW-3	7/16/2001	51.07	64.93	-13.86
TMW-3	3/21/2002	51.36	65.06	-13.70
TMW-3	9/13/2002	51.36	65.25	-13.89
TMW-4	7/14/1998	50.35	64.75	-14.40
TMW-4	9/22/1998	50.35	64.78	-14.43
TMW-4	10/16/1998	50.35	64.61	-14.26
TMW-4	3/6/1999	50.35	64.63	-14.28
TMW-4	7/12/1999	50.35	64.38	-14.03
TMW-4	6/20/2000	50.35	64.61	-14.26
TMW-4	1/15/2001	50.35	64.87	-14.52
TMW-4	7/16/2001	50.35	64.45	-14.10
TMW-4	3/21/2002	52.27	68.18	-15.91
TMW-4	9/13/2002	52.18	66.44	-14.26
TMW-4	3/24/2003	52.18	66.27	-14.09
TMW-4	9/22/2003	48.79	62.75	-13.96
TMW-4	3/19/2004	48.79	62.76	-13.97
TMW-4	9/20/2004	48.79	62.71	-13.92

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
TMW-5	7/14/1998	50.12	64.74	-14.62
TMW-5	9/22/1998	50.12	64.79	-14.67
TMW-5	10/16/1998	50.12	64.60	-14.48
TMW-5	3/6/1999	50.12	64.71	-14.59
TMW-5	7/12/1999	50.12	64.45	-14.33
TMW-5	6/20/2000	50.12	64.67	-14.55
TMW-5	1/15/2001	50.12	64.90	-14.78
TMW-5	7/16/2001	50.12	64.50	-14.38
TMW-5	3/21/2002	53.40	67.52	-14.12
TMW-5	9/13/2002	53.32	67.41	-14.09
TMW-5	3/24/2003	53.32	67.57	-14.25
TMW-6	7/14/1998	50.13	64.84	-14.71
TMW-6	9/22/1998	50.13	64.86	-14.73
TMW-6	10/16/1998	50.13	64.69	-14.56
TMW-6	3/6/1999	50.13	64.68	-14.55
TMW-6	7/12/1999	50.13	64.55	-14.42
TMW-6	6/20/2000	50.13	64.59	-14.46
TMW-6	1/15/2001	50.13	64.93	-14.80
TMW-6	7/16/2001	50.13	64.57	-14.44
TMW-6	3/21/2002	56.35	70.61	-14.26
TMW-6	9/13/2002	56.30	70.83	-14.53
TMW-6	3/24/2003	56.30	70.67	-14.37
TMW-6	9/22/2003	49.50	63.33	-13.83
TMW-6	3/19/2004	49.50	63.33	-13.83
TMW-6	9/20/2004	49.50	63.29	-13.79
TMW-7	7/14/1998	51.12	65.10	-13.98
TMW-7	9/22/1998	51.12	65.15	-14.03
TMW-7	10/16/1998	51.12	65.03	-13.91
TMW-7	3/6/1999	51.12	65.06	-13.94
TMW-7	7/12/1999	51.12	64.90	-13.78
TMW-7	6/20/2000	51.12	65.15	-14.03
TMW-7	1/15/2001	51.12	65.29	-14.17
TMW-7	7/16/2001	51.12	64.87	-13.75
TMW-7	3/21/2002	52.52	66.07	-13.55
TMW-7	9/13/2002	52.52	66.36	-13.84
TMW-7	3/24/2003	52.52	66.24	-13.72
TMW-7	9/22/2003	52.52	65.97	-13.45
TMW-7	3/19/2004	52.52	66.07	-13.55
TMW-7	9/20/2004	52.52	65.92	-13.40
TMW-8	7/14/1998	51.06	64.91	-13.85
TMW-8	9/22/1998	51.06	64.94	-13.88
TMW-8	10/16/1998	51.06	64.85	-13.79
TMW-8	3/6/1999	51.06	64.90	-13.84
TMW-8	7/12/1999	51.06	64.71	-13.65
TMW-8	6/20/2000	51.06	64.98	-13.92
TMW-8	1/15/2001	51.06	65.12	-14.06
TMW-8	7/16/2001	51.06	64.70	-13.64
TMW-8	3/21/2002	51.06	67.49	-16.43
TMW-8	9/13/2002	53.99	67.81	-13.82
TMW-8	3/24/2003	53.99	67.69	-13.70
TMW-8	9/22/2003	53.99	67.39	-13.40
TMW-8	3/19/2004	53.99	68.53	-14.54
TMW-8	9/20/2004	53.99	67.50	-13.51

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
TMW-9	7/14/1998	51.21	65.29	-14.08
TMW-9	9/22/1998	51.21	65.26	-14.05
TMW-9	10/16/1998	51.21	65.14	-13.93
TMW-9	3/6/1999	51.21	65.08	-13.87
TMW-9	7/12/1999	51.21	64.91	-13.70
TMW-9	6/20/2000	51.21	65.22	-14.01
TMW-9	1/15/2001	51.21	65.41	-14.20
TMW-9	3/21/2002	52.75	66.32	-13.57
TMW-9	9/13/2002	52.75	66.58	-13.83
TMW-9	3/24/2003	52.75	66.56	-13.81
TMW-9	9/22/2003	52.75	66.20	-13.45
TMW-9	3/19/2004	52.75	66.31	-13.56
TMW-9	9/20/2004	52.75	66.09	-13.34
TMW-10	3/6/1999	47.52	61.77	-14.25
TMW-10	7/12/1999	47.52	60.61	-13.09
TMW-10	6/20/2000	47.52	61.57	-14.05
TMW-10	1/15/2001	47.52	61.96	-14.44
TMW-10	7/16/2001	47.52	61.54	-14.02
TMW-10	9/13/2002	47.48	61.60	-14.12
TMW-10	3/24/2003	47.48	61.52	-14.04
TMW-10	9/22/2003	47.48	61.25	-13.77
TMW-10	3/19/2004	47.48	61.28	-13.80
TMW-10	9/20/2004	47.48	61.21	-13.73
TMW-11	3/6/1999	47.47	62.28	-14.81
TMW-11	7/12/1999	47.47	61.97	-14.50
TMW-11	6/20/2000	47.47	62.10	-14.63
TMW-11	1/15/2001	47.47	62.43	-14.96
TMW-11	7/16/2001	47.47	62.06	-14.59
TMW-11	3/21/2002	47.41	60.89	-13.48
TMW-11	9/13/2002	47.41	62.02	-14.61
TMW-11	3/24/2003	47.41	61.97	-14.56
TMW-11	9/22/2003	47.41	61.68	-14.27
TMW-11	3/19/2004	47.41	61.66	-14.25
TMW-11	9/20/2004	47.41	61.65	-14.24
TMW-12	3/6/1999	50.85	65.73	-14.88
TMW-12	7/12/1999	50.85	65.54	-14.69
TMW-12	6/20/2000	50.85	65.82	-14.97
TMW-12	1/15/2001	50.85	66.02	-15.17
TMW-12	7/16/2001	50.85	64.47	-13.62
TMW-12	3/21/2002	51.67	66.25	-14.58
TMW-12	9/13/2002	51.67	66.40	-14.73
TMW-13	3/6/1999	50.91	65.68	-14.77
TMW-13	7/12/1999	50.91	65.51	-14.60
TMW-13	6/20/2000	50.91	65.82	-14.91
TMW-13	7/16/2001	50.91	65.57	-14.66
TMW-13	3/21/2002	50.89	65.49	-14.60
TMW-13	9/13/2002	50.89	65.49	-14.60
TMW-14	3/6/1999	58.21	72.91	-14.70
TMW-14	7/12/1999	58.21	72.67	-14.46
TMW-14	6/20/2000	58.21	72.96	-14.75
TMW-14	1/15/2001	58.21	73.21	-15.00
TMW-14	7/16/2001	58.21	72.85	-14.64
TMW-14	3/21/2002	58.16	72.69	-14.53

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
TMW-14	9/13/2002	58.16	72.72	-14.56
TMW-14	3/24/2003	58.16	72.61	-14.45
TMW-14	9/22/2003	58.16	72.63	-14.47
TMW-14	3/19/2004	58.16	70.61	-12.45
TMW-14	9/20/2004	58.91	70.56	-11.65
TMW-15	3/6/1999	55.26	69.30	-14.04
TMW-15	7/12/1999	55.26	68.90	-13.64
TMW-15	6/20/2000	55.26	69.30	-14.04
TMW-15	1/15/2001	55.26	69.52	-14.26
TMW-15	7/16/2001	55.26	69.18	-13.92
TMW-15	3/21/2002	55.23	68.88	-13.65
TMW-15	9/13/2002	55.23	69.03	-13.80
TMW-15	3/24/2003	55.23	68.90	-13.67
TMW-15	9/22/2003	55.23	68.65	-13.42
TMW-15	3/19/2004	55.23	68.68	-13.45
TMW-15	9/20/2004	55.23	68.58	-13.35
TMW-16	3/6/1999	50.91	63.80	-12.89
TMW-16	7/12/1999	50.91	63.54	-12.63
TMW-16	6/20/2000	50.91	63.77	-12.86
TMW-16	1/15/2001	50.91	64.05	-13.14
TMW-16	7/16/2001	50.91	67.27	-16.36
TMW-16	3/21/2002	55.73	68.06	-12.33
TMW-16	9/13/2002	55.73	68.44	-12.71
TMW-17	7/12/1999	NA	NA	-13.16
TMW-17	1/14/2000	NA	NA	-13.41
WCC-1D	10/18/1989	50.69	70.20	-19.51
WCC-1D	6/15/1992	50.69	70.24	-19.55
WCC-1D	9/21/1992	50.69	70.61	-19.92
WCC-1D	1/5/1993	50.69	70.30	-19.61
WCC-1D	4/9/1993	50.69	69.79	-19.10
WCC-1D	6/7/1993	50.69	69.69	-19.00
WCC-1D	8/24/1993	50.69	69.22	-18.53
WCC-1D	11/18/1993	50.69	69.03	-18.34
WCC-1D	2/23/1994	50.69	68.52	-17.83
WCC-1D	6/10/1994	50.69	68.16	-17.47
WCC-1D	9/8/1994	50.69	68.35	-17.66
WCC-1D	12/21/1994	50.69	68.24	-17.55
WCC-1D	3/13/1995	50.69	68.05	-17.36
WCC-1D	6/12/1995	50.69	67.48	-16.79
WCC-1D	9/20/1995	50.69	67.29	-16.60
WCC-1D	12/12/1995	50.69	67.00	-16.31
WCC-1D	2/29/1996	50.69	66.84	-16.15
WCC-1D	6/6/1996	50.69	66.42	-15.73
WCC-1D	9/18/1996	50.69	66.34	-15.65
WCC-1D	12/18/1996	50.69	66.03	-15.34
WCC-1D	5/6/1997	50.69	65.56	-14.87
WCC-1D	7/1/1997	50.69	65.51	-14.82
WCC-1D	7/22/1997	50.69	65.60	-14.91
WCC-1D	8/4/1997	50.69	65.54	-14.85
WCC-1D	8/19/1997	50.69	65.49	-14.80
WCC-1D	9/3/1997	50.69	65.53	-14.84
WCC-1D	9/16/1997	50.69	65.48	-14.79

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-1S	11/13/1987	50.74	72.37	-21.63
WCC-1S	10/18/1989	50.74	70.22	-19.48
WCC-1S	6/15/1992	50.74	69.94	-19.20
WCC-1S	9/21/1992	50.74	70.16	-19.42
WCC-1S	1/5/1993	50.74	70.08	-19.34
WCC-1S	4/9/1993	50.74	69.53	-18.79
WCC-1S	6/7/1993	50.74	69.49	-18.75
WCC-1S	8/24/1993	50.74	68.99	-18.25
WCC-1S	11/18/1993	50.74	68.74	-18.00
WCC-1S	2/23/1994	50.74	68.35	-17.61
WCC-1S	6/10/1994	50.74	67.97	-17.23
WCC-1S	9/8/1994	50.74	67.99	-17.25
WCC-1S	12/21/1994	50.74	67.86	-17.12
WCC-1S	3/13/1995	50.74	67.86	-17.12
WCC-1S	6/12/1995	50.74	67.27	-16.53
WCC-1S	9/20/1995	50.74	67.01	-16.27
WCC-1S	12/12/1995	50.74	66.79	-16.05
WCC-1S	2/29/1996	50.74	66.54	-15.80
WCC-1S	6/6/1996	50.74	66.21	-15.47
WCC-1S	9/18/1996	50.74	66.10	-15.36
WCC-1S	12/18/1996	50.74	65.77	-15.03
WCC-1S	5/6/1997	50.74	65.32	-14.58
WCC-1S	7/1/1997	50.74	65.25	-14.51
WCC-1S	7/22/1997	50.74	65.32	-14.58
WCC-1S	8/4/1997	50.74	65.27	-14.53
WCC-1S	8/19/1997	50.74	65.21	-14.47
WCC-1S	9/3/1997	50.74	65.27	-14.53
WCC-1S	9/16/1997	50.74	65.20	-14.46
WCC-2S	11/13/1987	50.83	70.55	-19.72
WCC-2S	10/18/1989	50.83	69.89	-19.06
WCC-2S	6/15/1992	50.83	69.98	-19.15
WCC-2S	9/21/1992	50.83	70.24	-19.41
WCC-2S	1/5/1993	50.83	70.34	-19.51
WCC-2S	4/9/1993	50.83	69.47	-18.64
WCC-2S	6/7/1993	50.83	69.46	-18.63
WCC-2S	8/24/1993	50.83	68.98	-18.15
WCC-2S	11/18/1993	50.83	68.70	-17.87
WCC-2S	2/23/1994	50.83	68.32	-17.49
WCC-2S	6/10/1994	50.83	67.90	-17.07
WCC-2S	9/8/1994	50.83	68.03	-17.20
WCC-2S	12/21/1994	50.83	68.00	-17.17
WCC-2S	3/13/1995	50.83	67.91	-17.08
WCC-2S	6/12/1995	50.83	67.20	-16.37
WCC-2S	9/20/1995	50.83	67.02	-16.19
WCC-2S	12/12/1995	50.83	66.69	-15.86
WCC-2S	2/29/1996	50.83	66.60	-15.77
WCC-2S	6/6/1996	50.83	66.09	-15.26
WCC-2S	9/18/1996	50.83	66.01	-15.18
WCC-2S	12/18/1996	50.83	65.65	-14.82
WCC-2S	5/6/1997	50.83	65.19	-14.36
WCC-3D	10/18/1989	51.42	70.80	-19.38
WCC-3D	6/15/1992	51.42	70.81	-19.39
WCC-3D	9/21/1992	51.42	71.13	-19.71

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-3D	1/5/1993	51.42	71.94	-20.52
WCC-3D	4/9/1993	51.42	70.29	-18.87
WCC-3D	6/7/1993	51.42	70.27	-18.85
WCC-3D	8/24/1993	51.42	69.82	-18.40
WCC-3D	11/18/1993	51.42	69.60	-18.18
WCC-3D	2/23/1994	51.42	69.42	-18.00
WCC-3D	6/10/1994	51.42	68.81	-17.39
WCC-3D	9/8/1994	51.42	68.89	-17.47
WCC-3D	12/21/1994	51.42	68.84	-17.42
WCC-3D	3/13/1995	51.42	68.69	-17.27
WCC-3D	6/12/1995	51.42	68.09	-16.67
WCC-3D	9/20/1995	51.42	67.89	-16.47
WCC-3D	12/12/1995	51.42	67.59	-16.17
WCC-3D	2/29/1996	51.42	67.37	-15.95
WCC-3D	6/6/1996	51.42	66.99	-15.57
WCC-3D	9/18/1996	51.42	66.92	-15.50
WCC-3D	12/18/1996	51.42	66.63	-15.21
WCC-3D	5/6/1997	51.42	66.14	-14.72
WCC-3D	7/1/1997	51.42	66.07	-14.65
WCC-3D	7/22/1997	51.42	66.15	-14.73
WCC-3D	8/4/1997	51.42	66.11	-14.69
WCC-3D	8/19/1997	51.42	66.03	-14.61
WCC-3D	9/3/1997	51.42	66.07	-14.65
WCC-3D	9/16/1997	51.42	66.05	-14.63
WCC-3D	9/22/1998	51.42	65.00	-13.58
WCC-3D	10/16/1998	51.42	64.95	-13.53
WCC-3D	3/6/1999	51.42	65.02	-13.60
WCC-3D	7/12/1999	51.42	64.91	-13.49
WCC-3D	6/20/2000	51.42	65.12	-13.70
WCC-3D	1/15/2001	51.16	65.01	-13.85
WCC-3D	7/16/2001	51.16	64.58	-13.42
WCC-3D	3/21/2002	51.11	64.19	-13.08
WCC-3S	11/13/1987	51.37	72.93	-21.56
WCC-3S	10/18/1989	51.37	70.79	-19.42
WCC-3S	6/15/1992	51.37	70.61	-19.24
WCC-3S	9/21/1992	51.37	70.89	-19.52
WCC-3S	1/5/1993	51.37	71.10	-19.73
WCC-3S	4/9/1993	51.37	70.20	-18.83
WCC-3S	6/7/1993	51.37	70.19	-18.82
WCC-3S	8/24/1993	51.37	69.73	-18.36
WCC-3S	11/18/1993	51.37	69.38	-18.01
WCC-3S	2/23/1994	51.37	69.04	-17.67
WCC-3S	6/10/1994	51.37	68.56	-17.19
WCC-3S	9/8/1994	51.37	68.68	-17.31
WCC-3S	12/21/1994	51.37	68.65	-17.28
WCC-3S	3/13/1995	51.37	68.59	-17.22
WCC-3S	6/12/1995	51.37	67.95	-16.58
WCC-3S	9/20/1995	51.37	67.74	-16.37
WCC-3S	12/12/1995	51.37	67.43	-16.06
WCC-3S	2/29/1996	51.37	67.30	-15.93
WCC-3S	6/6/1996	51.37	66.78	-15.41
WCC-3S	9/18/1996	51.37	66.78	-15.41
WCC-3S	12/18/1996	51.37	66.48	-15.11

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-3S	5/6/1997	51.37	66.00	-14.63
WCC-3S	7/1/1997	51.37	65.90	-14.53
WCC-3S	7/22/1997	51.37	66.01	-14.64
WCC-3S	8/4/1997	51.37	65.90	-14.53
WCC-3S	8/19/1997	51.37	65.89	-14.52
WCC-3S	9/3/1997	51.37	65.95	-14.58
WCC-3S	9/16/1997	51.37	65.90	-14.53
WCC-3S	7/14/1998	51.37	64.77	-13.40
WCC-3S	9/22/1998	51.37	64.85	-13.48
WCC-3S	10/16/1998	51.37	65.11	-13.74
WCC-3S	3/6/1999	51.37	64.82	-13.45
WCC-3S	7/12/1999	51.37	64.70	-13.33
WCC-3S	6/20/2000	51.37	64.84	-13.47
WCC-3S	1/15/2001	51.16	64.87	-13.71
WCC-3S	7/16/2001	51.16	64.45	-13.29
WCC-3S	3/21/2002	51.12	64.14	-13.02
WCC-3S	9/13/2002	51.12	64.54	-13.42
WCC-3S	3/25/2003	51.12	64.46	-13.34
WCC-3S	9/24/2003	51.12	64.25	-13.13
WCC-3S	3/19/2004	51.12	64.21	-13.09
WCC-3S	9/20/2004	51.12	64.04	-12.92
WCC-4S	11/13/1987	50.07	71.84	-21.77
WCC-4S	10/18/1989	50.07	69.66	-19.59
WCC-4S	6/15/1992	50.07	69.29	-19.22
WCC-4S	9/21/1992	50.07	69.56	-19.49
WCC-4S	1/5/1993	50.07	69.41	-19.34
WCC-4S	4/9/1993	50.07	68.93	-18.86
WCC-4S	6/7/1993	50.07	68.85	-18.78
WCC-4S	8/24/1993	50.07	68.44	-18.37
WCC-4S	11/18/1993	50.07	68.23	-18.16
WCC-4S	2/23/1994	50.07	67.84	-17.77
WCC-4S	6/10/1994	50.07	67.39	-17.32
WCC-4S	9/8/1994	50.07	67.44	-17.37
WCC-4S	12/21/1994	50.07	67.38	-17.31
WCC-4S	3/13/1995	50.07	67.30	-17.23
WCC-4S	6/12/1995	50.07	66.68	-16.61
WCC-4S	9/20/1995	50.07	66.45	-16.38
WCC-4S	12/12/1995	50.07	66.23	-16.16
WCC-4S	2/29/1996	50.07	67.09	-17.02
WCC-4S	6/6/1996	50.07	65.63	-15.56
WCC-4S	9/18/1996	50.07	65.56	-15.49
WCC-4S	12/18/1996	50.07	65.26	-15.19
WCC-4S	5/6/1997	50.07	64.81	-14.74
WCC-4S	7/1/1997	50.07	64.73	-14.66
WCC-4S	7/22/1997	50.07	64.80	-14.73
WCC-4S	8/4/1997	50.07	64.76	-14.69
WCC-4S	8/19/1997	50.07	64.68	-14.61
WCC-4S	9/3/1997	50.07	64.76	-14.69
WCC-4S	9/16/1997	50.07	64.68	-14.61
WCC-4S	7/14/1998	50.07	63.63	-13.56
WCC-4S	9/22/1998	50.07	63.53	-13.46
WCC-4S	10/16/1998	50.07	63.56	-13.49
WCC-4S	3/6/1999	50.07	63.50	-13.43

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-4S	7/12/1999	50.07	63.40	-13.33
WCC-4S	6/20/2000	50.07	63.58	-13.51
WCC-4S	1/15/2001	49.65	63.48	-13.83
WCC-4S	7/16/2001	49.65	63.00	-13.35
WCC-4S	3/21/2002	49.62	62.81	-13.19
WCC-4S	9/13/2002	49.62	63.15	-13.53
WCC-4S	9/22/2003	49.62	62.70	-13.08
WCC-4S	3/19/2004	49.62	62.84	-13.22
WCC-4S	9/20/2004	49.62	62.74	-13.12
WCC-5S	10/18/1989	48.74	68.44	-19.70
WCC-5S	6/15/1992	48.74	67.87	-19.13
WCC-5S	9/21/1992	48.74	68.16	-19.42
WCC-5S	1/5/1993	48.74	68.06	-19.32
WCC-5S	4/9/1993	48.74	67.57	-18.83
WCC-5S	6/7/1993	48.74	67.52	-18.78
WCC-5S	8/24/1993	48.74	67.12	-18.38
WCC-5S	11/18/1993	48.74	66.87	-18.13
WCC-5S	2/23/1994	48.74	66.52	-17.78
WCC-5S	6/10/1994	48.74	66.07	-17.33
WCC-5S	9/8/1994	48.74	66.07	-17.33
WCC-5S	12/21/1994	48.74	65.99	-17.25
WCC-5S	3/13/1995	48.74	65.93	-17.19
WCC-5S	6/12/1995	48.74	65.30	-16.56
WCC-5S	9/20/1995	48.74	65.09	-16.35
WCC-5S	12/12/1995	48.74	64.88	-16.14
WCC-5S	2/29/1996	48.74	64.76	-16.02
WCC-5S	6/6/1996	48.74	64.28	-15.54
WCC-5S	9/18/1996	48.74	64.21	-15.47
WCC-5S	12/18/1996	48.74	63.96	-15.22
WCC-5S	5/6/1997	48.74	63.55	-14.81
WCC-5S	7/1/1997	48.74	63.45	-14.71
WCC-5S	7/22/1997	48.74	63.51	-14.77
WCC-5S	8/4/1997	48.74	63.45	-14.71
WCC-5S	8/19/1997	48.74	63.39	-14.65
WCC-5S	9/3/1997	48.74	63.46	-14.72
WCC-5S	9/16/1997	48.74	63.38	-14.64
WCC-5S	9/22/1998	48.74	62.26	-13.52
WCC-5S	10/16/1998	48.74	62.20	-13.46
WCC-5S	3/6/1999	48.74	62.13	-13.39
WCC-5S	7/12/1999	48.74	61.99	-13.25
WCC-5S	6/20/2000	48.74	62.20	-13.46
WCC-5S	1/15/2001	48.84	62.47	-13.63
WCC-5S	7/16/2001	48.84	62.12	-13.28
WCC-5S	3/21/2002	48.79	61.93	-13.14
WCC-5S	9/13/2002	48.79	62.25	-13.46
WCC-5S	3/24/2003	48.79	62.13	-13.34
WCC-5S	9/22/2003	48.79	61.83	-13.04
WCC-5S	3/19/2004	48.79	62.00	-13.21
WCC-5S	9/20/2004	48.79	61.93	-13.14
WCC-6S	10/18/1989	51.30	71.00	-19.70
WCC-6S	6/15/1992	51.30	70.70	-19.40
WCC-6S	9/21/1992	51.30	70.94	-19.64
WCC-6S	1/5/1993	51.30	70.80	-19.50

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-6S	4/9/1993	51.30	70.33	-19.03
WCC-6S	6/7/1993	51.30	70.27	-18.97
WCC-6S	8/24/1993	51.30	69.85	-18.55
WCC-6S	11/18/1993	51.30	69.62	-18.32
WCC-6S	2/23/1994	51.30	69.22	-17.92
WCC-6S	6/10/1994	51.30	68.78	-17.48
WCC-6S	9/8/1994	51.30	68.75	-17.45
WCC-6S	12/21/1994	51.30	68.75	-17.45
WCC-6S	3/13/1995	51.30	68.66	-17.36
WCC-6S	6/12/1995	51.30	68.05	-16.75
WCC-6S	9/20/1995	51.30	67.94	-16.64
WCC-6S	12/12/1995	51.30	67.60	-16.30
WCC-6S	2/29/1996	51.30	67.47	-16.17
WCC-6S	6/6/1996	51.30	67.06	-15.76
WCC-6S	9/18/1996	51.30	66.95	-15.65
WCC-6S	12/18/1996	51.30	66.65	-15.35
WCC-6S	5/6/1997	51.30	66.20	-14.90
WCC-6S	7/1/1997	51.30	66.09	-14.79
WCC-6S	7/22/1997	51.30	66.19	-14.89
WCC-6S	8/4/1997	51.30	66.14	-14.84
WCC-6S	9/16/1997	51.30	66.03	-14.73
WCC-6S	7/14/1998	51.30	64.99	-13.69
WCC-6S	9/22/1998	51.30	65.04	-13.74
WCC-6S	10/16/1998	51.30	65.07	-13.77
WCC-6S	3/6/1999	51.30	65.01	-13.71
WCC-6S	7/12/1999	51.30	64.85	-13.55
WCC-6S	6/20/2000	51.30	64.96	-13.66
WCC-6S	1/15/2001	51.32	65.27	-13.95
WCC-6S	7/16/2001	51.32	64.81	-13.49
WCC-6S	3/21/2002	51.30	64.56	-13.26
WCC-6S	9/13/2002	51.30	64.89	-13.59
WCC-6S	3/25/2003	51.30	64.58	-13.28
WCC-6S	9/22/2003	51.30	64.47	-13.17
WCC-6S	3/19/2004	51.30	64.51	-13.21
WCC-6S	9/20/2004	51.30	NM	NM
WCC-7S	10/18/1989	48.67	68.74	-20.07
WCC-7S	6/15/1992	48.67	68.30	-19.63
WCC-7S	9/21/1992	48.67	68.60	-19.93
WCC-7S	1/5/1993	48.67	68.43	-19.76
WCC-7S	4/9/1993	48.67	67.97	-19.30
WCC-7S	6/7/1993	48.67	67.90	-19.23
WCC-7S	8/24/1993	48.67	67.50	-18.83
WCC-7S	11/18/1993	48.67	67.27	-18.60
WCC-7S	2/23/1994	48.67	66.89	-18.22
WCC-7S	6/10/1994	48.67	66.49	-17.82
WCC-7S	9/8/1994	48.67	66.47	-17.80
WCC-7S	12/21/1994	48.67	66.41	-17.74
WCC-7S	3/13/1995	48.67	66.21	-17.54
WCC-7S	6/12/1995	48.67	65.70	-17.03
WCC-7S	9/20/1995	48.67	65.49	-16.82
WCC-7S	12/12/1995	48.67	65.26	-16.59
WCC-7S	2/29/1996	48.67	65.13	-16.46

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-7S	6/6/1996	48.67	64.68	-16.01
WCC-7S	9/18/1996	48.67	64.62	-15.95
WCC-7S	12/18/1996	48.67	64.31	-15.64
WCC-7S	5/6/1997	48.67	63.86	-15.19
WCC-7S	7/1/1997	48.67	63.79	-15.12
WCC-7S	7/22/1997	48.67	63.87	-15.20
WCC-7S	8/4/1997	48.67	63.82	-15.15
WCC-7S	8/19/1997	48.67	63.75	-15.08
WCC-7S	9/3/1997	48.67	63.82	-15.15
WCC-7S	9/16/1997	48.67	63.73	-15.06
WCC-7S	9/22/1998	48.67	62.56	-13.89
WCC-7S	10/16/1998	48.67	62.61	-13.94
WCC-7S	3/6/1999	48.67	62.25	-13.58
WCC-7S	7/12/1999	48.67	62.13	-13.46
WCC-7S	6/20/2000	48.67	62.34	-13.67
WCC-7S	1/15/2001	50.23	64.12	-13.89
WCC-7S	7/16/2001	50.23	63.70	-13.47
WCC-7S	3/21/2002	50.20	63.51	-13.31
WCC-7S	9/13/2002	50.20	63.82	-13.62
WCC-7S	3/24/2003	50.20	63.72	-13.52
WCC-7S	9/22/2003	50.20	63.41	-13.21
WCC-7S	3/19/2004	50.20	63.54	-13.34
WCC-7S	9/20/2004	50.20	63.40	-13.20
WCC-8S	10/18/1989	50.87	70.22	-19.35
WCC-8S	6/15/1992	50.87	69.98	-19.11
WCC-8S	9/21/1992	50.87	70.21	-19.34
WCC-8S	1/5/1993	50.87	70.06	-19.19
WCC-8S	4/9/1993	50.87	69.56	-18.69
WCC-8S	6/7/1993	50.87	69.48	-18.61
WCC-8S	8/24/1993	50.87	69.06	-18.19
WCC-8S	11/18/1993	50.87	68.76	-17.89
WCC-8S	2/23/1994	50.87	68.36	-17.49
WCC-8S	6/10/1994	50.87	67.98	-17.11
WCC-8S	9/8/1994	50.87	68.01	-17.14
WCC-8S	12/21/1994	50.87	67.99	-17.12
WCC-8S	3/13/1995	50.87	68.16	-17.29
WCC-8S	6/12/1995	50.87	67.29	-16.42
WCC-8S	9/20/1995	50.87	67.03	-16.16
WCC-8S	12/12/1995	50.87	66.76	-15.89
WCC-8S	2/29/1996	50.87	66.63	-15.76
WCC-8S	6/6/1996	50.87	66.21	-15.34
WCC-8S	9/18/1996	50.87	66.14	-15.27
WCC-8S	12/18/1996	50.87	65.86	-14.99
WCC-8S	5/6/1997	50.87	65.43	-14.56
WCC-8S	7/1/1997	50.87	65.31	-14.44
WCC-8S	7/22/1997	50.87	65.37	-14.50
WCC-8S	8/4/1997	50.87	65.33	-14.46
WCC-8S	8/19/1997	50.87	65.26	-14.39
WCC-8S	9/3/1997	50.87	65.33	-14.46
WCC-8S	9/16/1997	50.87	65.26	-14.39
WCC-9S	10/18/1989	46.32	66.39	-20.07
WCC-9S	6/15/1992	46.32	65.76	-19.44
WCC-9S	9/21/1992	46.32	65.98	-19.66

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-9S	1/5/1993	46.32	65.88	-19.56
WCC-9S	4/9/1993	46.32	65.41	-19.09
WCC-9S	6/7/1993	46.32	65.41	-19.09
WCC-9S	8/24/1993	46.32	65.01	-18.69
WCC-9S	11/18/1993	46.32	64.74	-18.42
WCC-9S	2/23/1994	46.32	64.41	-18.09
WCC-9S	6/10/1994	46.32	64.95	-18.63
WCC-9S	9/8/1994	46.32	65.40	-19.08
WCC-9S	12/21/1994	46.32	63.83	-17.51
WCC-9S	3/13/1995	46.32	63.73	-17.41
WCC-9S	6/12/1995	46.32	63.11	-16.79
WCC-9S	9/20/1995	46.32	62.96	-16.64
WCC-9S	12/12/1995	46.32	62.71	-16.39
WCC-9S	2/29/1996	46.32	62.81	-16.49
WCC-9S	6/6/1996	46.32	62.18	-15.86
WCC-9S	9/18/1996	46.32	62.08	-15.76
WCC-9S	12/18/1996	46.32	61.79	-15.47
WCC-9S	5/6/1997	46.32	61.42	-15.10
WCC-9S	7/1/1997	46.32	61.32	-15.00
WCC-9S	7/22/1997	46.32	61.39	-15.07
WCC-9S	8/4/1997	46.32	61.32	-15.00
WCC-9S	8/19/1997	46.32	61.28	-14.96
WCC-9S	9/3/1997	46.32	61.33	-15.01
WCC-9S	9/16/1997	46.32	61.25	-14.93
WCC-9S	9/22/1998	46.32	60.24	-13.92
WCC-9S	10/16/1998	46.32	60.14	-13.82
WCC-9S	3/6/1999	46.32	60.17	-13.85
WCC-9S	7/12/1999	46.32	59.87	-13.55
WCC-9S	6/20/2000	46.32	60.02	-13.70
WCC-9S	1/15/2001	46.93	60.90	-13.97
WCC-9S	7/16/2001	46.93	60.54	-13.61
WCC-9S	3/21/2002	46.85	60.33	-13.48
WCC-9S	9/13/2002	46.85	60.90	-14.05
WCC-9S	3/25/2003	46.85	60.51	-13.66
WCC-9S	9/22/2003	46.85	60.18	-13.33
WCC-9S [1]	3/19/2004	46.85	68.33	-21.48
WCC-9S [1]	9/20/2004	46.85	68.24	-21.39
WCC-10S	10/18/1989	51.29	69.71	-18.42
WCC-10S	6/15/1992	51.29	70.23	-18.94
WCC-10S	9/21/1992	51.29	70.62	-19.33
WCC-10S	1/5/1993	51.29	70.39	-19.10
WCC-10S	4/9/1993	51.29	69.71	-18.42
WCC-10S	6/7/1993	51.29	69.62	-18.33
WCC-10S	8/24/1993	51.29	69.12	-17.83
WCC-10S	11/18/1993	51.29	68.83	-17.54
WCC-10S	2/23/1994	51.29	68.36	-17.07
WCC-10S	6/10/1994	51.29	67.96	-16.67
WCC-10S	9/8/1994	51.29	68.32	-17.03
WCC-10S	12/21/1994	51.29	68.26	-16.97
WCC-10S	3/13/1995	51.29	67.85	-16.56
WCC-10S	6/12/1995	51.29	67.34	-16.05
WCC-10S	9/20/1995	51.29	67.18	-15.89
WCC-10S	12/12/1995	51.29	66.83	-15.54

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-10S	2/29/1996	51.29	66.51	-15.22
WCC-10S	6/6/1996	51.29	66.06	-14.77
WCC-10S	9/18/1996	51.29	65.97	-14.68
WCC-10S	5/6/1997	51.29	65.07	-13.78
WCC-10S	7/1/1997	51.29	65.03	-13.74
WCC-10S	7/22/1997	51.29	65.05	-13.76
WCC-10S	8/4/1997	51.29	65.02	-13.73
WCC-10S	8/19/1997	51.29	64.98	-13.69
WCC-10S	9/3/1997	51.29	65.01	-13.72
WCC-10S	9/16/1997	51.29	64.99	-13.70
WCC-10S	7/14/1998	51.29	63.82	-12.53
WCC-10S	3/6/1999	51.29	63.96	-12.67
WCC-10S	7/12/1999	51.29	63.92	-12.63
WCC-10S	6/20/2000	51.29	64.42	-13.13
WCC-10S	1/15/2001	58.17	71.37	-13.20
WCC-11S	6/15/1992	50.29	67.91	-17.62
WCC-11S	9/21/1992	50.29	69.10	-18.81
WCC-11S	1/5/1993	50.29	68.98	-18.69
WCC-11S	4/9/1993	50.29	68.42	-18.13
WCC-11S	6/7/1993	50.29	68.33	-18.04
WCC-11S	8/24/1993	50.29	67.89	-17.60
WCC-11S	11/18/1993	50.29	67.65	-17.36
WCC-11S	2/23/1994	50.29	67.25	-16.96
WCC-11S	6/10/1994	50.29	66.74	-16.45
WCC-11S	9/8/1994	50.29	66.87	-16.58
WCC-11S	12/21/1994	50.29	66.92	-16.63
WCC-11S	3/13/1995	50.29	66.77	-16.48
WCC-11S	6/12/1995	50.29	66.12	-15.83
WCC-11S	9/20/1995	50.29	65.88	-15.59
WCC-11S	12/12/1995	50.29	65.64	-15.35
WCC-11S	2/29/1996	50.29	65.48	-15.19
WCC-11S	6/6/1996	50.29	65.00	-14.71
WCC-11S	9/18/1996	50.29	64.93	-14.64
WCC-11S	12/18/1996	50.29	64.63	-14.34
WCC-11S	5/6/1997	50.29	64.17	-13.88
WCC-11S	7/1/1997	50.29	64.05	-13.76
WCC-11S	7/22/1997	50.29	64.13	-13.84
WCC-11S	8/4/1997	50.29	64.03	-13.74
WCC-11S	8/19/1997	50.29	64.03	-13.74
WCC-11S	9/3/1997	50.29	64.10	-13.81
WCC-11S	9/16/1997	50.29	64.04	-13.75
WCC-11S	9/22/1998	50.29	62.97	-12.68
WCC-11S	10/16/1998	50.29	62.97	-12.68
WCC-11S	3/6/1999	50.29	62.93	-12.64
WCC-11S	7/12/1999	50.29	62.82	-12.53
WCC-11S	6/20/2000	50.29	63.17	-12.88
WCC-11S	1/15/2001	51.37	64.32	-12.95
WCC-11S	7/16/2001	51.37	64.00	-12.63
WCC-11S	3/21/2002	51.34	63.68	-12.34
WCC-11S	9/13/2002	51.34	64.20	-12.86
WCC-12S	6/15/1992	47.31	66.91	-19.60
WCC-12S	9/21/1992	47.31	67.21	-19.90
WCC-12S	1/5/1993	47.31	67.05	-19.74

TABLE III
HISTORIC GROUNDWATER ELEVATIONS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Monitored	Reference Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet MSL)
WCC-12S	4/9/1993	47.31	66.57	-19.26
WCC-12S	6/7/1993	47.31	66.51	-19.20
WCC-12S	8/24/1993	47.31	66.09	-18.78
WCC-12S	11/18/1993	47.31	65.89	-18.58
WCC-12S	2/23/1994	47.31	65.44	-18.13
WCC-12S	6/10/1994	47.31	65.05	-17.74
WCC-12S	9/8/1994	47.31	65.10	-17.79
WCC-12S	12/21/1994	47.31	64.98	-17.67
WCC-12S	3/13/1995	47.31	64.94	-17.63
WCC-12S	6/12/1995	47.31	64.31	-17.00
WCC-12S	9/20/1995	47.31	64.10	-16.79
WCC-12S	12/12/1995	47.31	63.85	-16.54
WCC-12S	2/29/1996	47.31	63.71	-16.40
WCC-12S	6/6/1996	47.31	63.27	-15.96
WCC-12S	9/18/1996	47.31	63.19	-15.88
WCC-12S	12/18/1996	47.31	62.87	-15.56
WCC-12S	5/6/1997	47.31	62.46	-15.15
WCC-12S	7/1/1997	47.31	62.38	-15.07
WCC-12S	7/22/1997	47.31	62.44	-15.13
WCC-12S	8/4/1997	47.31	62.40	-15.09
WCC-12S	8/19/1997	47.31	62.34	-15.03
WCC-12S	9/3/1997	47.31	62.41	-15.10
WCC-12S	9/16/1997	47.31	62.33	-15.02
WCC-12S	7/14/1998	47.31	61.27	-13.96
WCC-12S	9/22/1998	47.31	61.37	-14.06
WCC-12S	10/16/1998	47.31	61.28	-13.97
WCC-12S	3/6/1999	47.31	61.20	-13.89
WCC-12S	7/12/1999	47.31	60.88	-13.57
WCC-12S	6/20/2000	47.31	61.16	-13.85
WCC-12S	1/15/2001	46.93	60.95	-14.02
WCC-12S	7/16/2001	46.93	60.64	-13.71
WCC-12S	3/21/2002	46.92	60.44	-13.52
WCC-12S	9/13/2002	46.92	60.70	-13.78
WCC-12S	9/24/2003	46.92	60.42	-13.50
WCC-12S	9/20/2004	46.92	NM	NM

Notes:
NA = Not available
MSL = Mean Sea Level
[1] Water level measured in montiroing well WCC-09S was anomalous compared to measurements from previous years. Well measuring point may have been altered during Site redevelopment. Well to be re-surveyed.

QA/QC: PR

Date: 10/25/04

TABLE IV
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B - MAY, JUNE, AND SEPTEMBER 2004
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Preferred Analyte:					1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloro-1,2,2-trifluoroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene
Result Value Units:					ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Object Name	**Sample Name**	**Sample Type**	**Geological Unit**	**Date Collected**												
CMW001	CMW001_WG092404_0001	Primary Sample	C-Sand	09/24/2004	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U
CMW002	CMW002_WG092404_0001	Primary Sample	C-Sand	09/24/2004	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
	CMW002_WG092404_0002	Field Duplicate	C-Sand	09/24/2004	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U
CMW026	CMW026_WG_052104_01	Primary Sample	C-Sand	05/21/2004						12 U	4.8 J	80	12 U	12 U	12 U	12 U
	CMW026_WG092304_0001	Primary Sample	C-Sand	09/23/2004	12 U	12 U	12 U			120 U	120 U	120 U	120 U	120 U	120 U	120 U
DAC-P1	DAC_P1_WG092204_0001	Primary Sample	B-Sand	09/22/2004	120 U	120 U	120 U									
IRZMW001A	IRZMW001A_WG_052104_01	Primary Sample	B-Sand	05/21/2004												
IRZMW001B	IRZMW001B_WG_052104_01	Primary Sample	B-Sand	05/21/2004												
IRZMW002A	IRZMW002A_WG_052104_01	Primary Sample	B-Sand	05/21/2004												
IRZMW002B	IRZMW002B_WG_052104_01	Primary Sample	B-Sand	05/21/2004												
IRZMW005	IRZMW005_WG_052104_01	Primary Sample	B-Sand	05/21/2004												
MW0005	MW0005_WG092404_0001	Primary Sample	B-Sand	09/24/2004	50 U	50 U	50 U	50 U	43 J	68	4500	50 U	50 U	50 U	50 U	50 U
	MW0005_WG092404_0002	Field Duplicate	B-Sand	09/24/2004	50 U	50 U	50 U	50 U	43 J	58	3800	50 U	50 U	50 U	50 U	50 U
MWB012	MWB012_HG050604_0001	Primary Sample	B-Sand	05/06/2004	25 U	25 U	25 U	25 U	25 U	25 U	7.6 J	25 U	25 U	25 U	25 U	25 U
	MWB012_HG050604_0002	Field Duplicate	B-Sand	05/06/2004	25 U	25 U	25 U	25 U	25 U	25 U	7.6 J	25 U	25 U	25 U	25 U	25 U
	MWB012_WG071604_0001	Primary Sample	B-Sand	07/16/2004	10 U	10 U	10 U	10 U	10 U	10 U	4 J	10 U	10 U	10 U	10 U	10 U
	MWB012_WG092204_0001	Primary Sample	B-Sand	09/22/2004	25 U	25 U	25 U		25 U	25 U	15 J	25 U	25 U	25 U	25 U	25 U
MWB013	MWB013_WG050704_0001	Primary Sample	B-Sand	05/07/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.31 J
	MWB013_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	1 U	1 U	1 U	1 U	1 U	1 U	0.36 J	1 U	1 U	1 U	1 U	0.84 J
	MWB013_WG071504_0001	Primary Sample	B-Sand	07/15/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	MWB013_WG071504_0002	Field Duplicate	B-Sand	07/15/2004	1 U	1 U	1 U	1 U	1 U	1 U	0.59 J	1 U	1 U	1 U	1 U	0.76 J
	MWB013_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.44 J
MWB014	MWB014_WG050704_0001	Primary Sample	B-Sand	05/07/2004	10 U	10 U	10 U	10 U	10 U	10 U	20	10 U	10 U	10 U	10 U	10 U
	MWB014_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	10 U	10 U	10 U	10 U	10 U	10 U	15	10 U	10 U	10 U	10 U	10 U
	MWB014_WG071504_0001	Primary Sample	B-Sand	07/15/2004	10 U	10 U	10 U	10 U	10 U	10 U	19	10 U	10 U	10 U	10 U	10 U
	MWB014_WG092204_0001	Primary Sample	B-Sand	09/22/2004	5 U	5 U	5 U		5 U	5 U	21	5 U	5 U	5 U	5 U	5 U
MWB019	MWB019_WG050704_0001	Primary Sample	B-Sand	05/07/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
	MWB019_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
	MWB019_WG071504_0001	Primary Sample	B-Sand	07/15/2004	50 U	50 U	50 U	50 U	50 U	50 U	57 U	50 U	50 U	50 U	50 U	50 U
	MWB019_WG092104_0001	Primary Sample	B-Sand	09/21/2004	50 U	50 U	50 U		50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
MWC015	MWC015_HG050604_0001	Primary Sample	C-Sand	05/06/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
	MWC015_WG071604_0001	Primary Sample	C-Sand	07/16/2004	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
	MWC015_WG092304_0001	Primary Sample	C-Sand	09/23/2004	33 U	33 U	33 U		33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U
MWC016	MWC016_HG050604_0001	Primary Sample	C-Sand	05/06/2004	10 U	10 U	10 U	10 U	10 U	10 U	3.3 J	10 U	10 U	10 U	10 U	10 U
	MWC016_HG050604_0002	Field Duplicate	C-Sand	05/06/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
	MWC016_WG071604_0001	Primary Sample	C-Sand	07/16/2004	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
	MWC016_WG092304_0001	Primary Sample	C-Sand	09/23/2004	25 U	25 U	25 U	25 U	25 U	25 U	11 J	25 U	25 U	25 U	25 U	25 U
MWC017	MWC017_WG050704_0001	Primary Sample	C-Sand	05/07/2004	25 U	25 U	25 U	25 U	25 U	25 U	80	25 U	25 U	25 U	25 U	25 U
	MWC017_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	25 U	25 U	25 U	25 U	25 U	25 U	86	25 U	25 U	25 U	25 U	25 U
	MWC017_WG071604_0001	Primary Sample	C-Sand	07/16/2004	5 U	5 U	5 U	5 U	5 U	5 U	12	5 U	5 U	5 U	5 U	5 U
	MWC017_WG092204_0001	Primary Sample	C-Sand	09/22/2004	25 U	25 U	25 U		25 U	25 U	130	25 U	25 U	25 U	25 U	25 U
	MWC017_WG092204_0002	Field Duplicate	C-Sand	09/22/2004	25 U	25 U	25 U		25 U	25 U	130	25 U	25 U	25 U	25 U	25 U
MWC021	MWC021_WG050704_0001	Primary Sample	C-Sand	05/07/2004	1 U	1 U	1 U	1 U	1 U	0.22 J	0.84 J	1 U	1 U	1 U	1 U	1.4
	MWC021_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	1 U	1 U	1 U	1 U	1 U	0.3 J	2.6	1 U	1 U	1 U	1 U	0.94 J
	MWC021_WG071504_0001	Primary Sample	C-Sand	07/15/2004	1 U	1 U	1 U	1 U	1 U	0.37 J	0.69 J	1 U	1 U	1 U	1 U	0.31 J
	MWC021_WG092104_0001	Primary Sample	C-Sand	09/21/2004	1 U	1 U	1 U		1 U	0.37 J	0.81 J	1 U	1 U	1 U	1 U	0.43 J
TMW_01	TMW_01_WG092304_0001	Primary Sample	B-Sand	09/23/2004	8.3 U	8.3 U	8.3 U		8.3 U	8.3 U	170	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U
TMW_02	TMW_02_WG092404_0001	Primary Sample	B-Sand	09/24/2004	620 U	200 J	620 U	620 U	620 U	1400	22000	620 U	620 U	620 U	620 U	620 U
TMW_04	TMW_04_WG092304_0001	Primary Sample	B-Sand	09/23/2004	50 U	50 U	50 U		50 U	21 J	1200	50 U	50 U	50 U	50 U	50 U
TMW_06	TMW_06_WG092204_0001	Primary Sample	B-Sand	09/22/2004	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
TMW_07	TMW_07_WG092304_0001	Primary Sample	B-Sand	09/23/2004	25 U	25 U	25 U		25 U	25 U	54	25 U	25 U	25 U	25 U	25 U
TMW_10	TMW_10_WG092104_0001	Primary Sample	B-Sand	09/21/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TMW_11	TMW_11_WG092104_0001	Primary Sample	B-Sand	09/21/2004	5 U	5 U	5 U		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
TMW_14	TMW_14_WG092104_0001	Primary Sample	B-Sand	09/21/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TMW_15	TMW_15_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	1 U	1 U		1 U	1 U	1.6	1 U	1 U	1 U	1 U	1 U
	TMW_15_WG092204_0001	Primary Sample	B-Sand	09/22/2004	1 U	1 U	1 U		1 U	1 U	0.82 J	1 U	1 U	1 U	1 U	1 U
WCC_05S	WCC_05S_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	1 U	1 U		1 U	0.68 J	7.8	1 U	1 U	1 U	1 U	1 U
QA/QC Samples																
EquipmentBlank	EB_TAIT_HG050604_0001	Field Equipment Blank	NA	05/06/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT_WG050704_0001	Field Equipment Blank	NA	05/07/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT071504_0001	Field Equipment Blank	NA	07/15/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT071604_0001	Field Equipment Blank	NA	07/16/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT092004_0001	Field Equipment Blank	NA	09/20/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT092104_0001	Field Equipment Blank	NA	09/21/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT092204_0001	Field Equipment Blank	NA	09/22/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT092304_0001	Field Equipment Blank	NA	09/23/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	EB_TAIT092404_0001	Field Equipment Blank	NA	09/24/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
TripBlank	TB_TAIT_WG050604_0001	Field Trip/Travel Blank	NA	05/06/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT_WG050704_0001	Field Trip/Travel Blank	NA	05/07/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT071504_0001	Field Trip/Travel Blank	NA	07/15/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT071604_0001	Field Trip/Travel Blank	NA	07/16/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT092004_0001	Field Trip/Travel Blank	NA	09/20/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT092104_0001	Field Trip/Travel Blank	NA	09/21/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT092204_0001	Field Trip/Travel Blank	NA	09/22/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT092304_0001	Field Trip/Travel Blank	NA	09/23/2004	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	TB_TAIT092404_0001	Field Trip/Travel Blank	NA	09/24/2004	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U

TABLE IV
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B - MAY, JUNE, AND SEPTEMBER 2004
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Preferred Analyte:					1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Chloroethylvinyl ether	2-Hexanone	4-Methyl-2-pentanone	Acetone	Acrolein	Acrylonitrile	Benzene	Bromobenzene	Bromochloromethane
Result Value Units:					ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Object Name	Sample Name	Sample Type	Geological Unit	Date Collected																
CMW001	CMW001_WG092404_0001	Primary Sample	C-Sand	09/24/2004	330 U	170 U	170 U	83 U	170 U	170 U	170 U	830 U	830 U	830 U	1700 U	3300 U	3300 U	170 U	170 U	170 U
CMW002	CMW002_WG092404_0001	Primary Sample	C-Sand	09/24/2004	250 U	120 U	120 U	62 U	120 U	120 U	120 U	620 U	620 U	620 U	1200 U	2500 U	2500 U	120 U	120 U	120 U
	CMW002_WG092404_0002	Field Duplicate	C-Sand	09/24/2004	250 U	120 U	120 U	62 U	120 U	120 U	120 U	620 U	620 U	620 U	1200 U	2500 U	2500 U	120 U	120 U	120 U
CMW026	CMW026_WG_052104_01	Primary Sample	C-Sand	05/21/2004																
	CMW026_WG092304_0001	Primary Sample	C-Sand	09/23/2004	25 U	12 U	12 U	6.2 U	12 U	12 U	12 U	62 U	62 U	62 U	120 U	250 U	250 U	12 U	12 U	12 U
DAC-P1	DAC_P1_WG092204_0001	Primary Sample	B-Sand	09/22/2004	250 U	120 U	120 U	62 U	120 U	120 U	120 U	620 U	620 U	620 U	1200 U	2500 U	2500 U	120 U	120 U	120 U
IRZMW001A	IRZMW001A_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW001B	IRZMW001B_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW002A	IRZMW002A_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW002B	IRZMW002B_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW005	IRZMW005_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
MW0005	MW0005_WG092404_0001	Primary Sample	B-Sand	09/24/2004	100 U	50 U	50 U	49	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
	MW0005_WG092404_0002	Field Duplicate	B-Sand	09/24/2004	100 U	50 U	50 U	44	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
MWB012	MWB012_HG050604_0001	Primary Sample	B-Sand	05/06/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWB012_HG050604_0002	Field Duplicate	B-Sand	05/06/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWB012_WG071604_0001	Primary Sample	B-Sand	07/16/2004	20 U	10 U	10 U	5 U	10 U	10 U	10 U	50 U	50 U	50 U	100 U	200 U	200 U	10 U	10 U	10 U
	MWB012_WG092204_0001	Primary Sample	B-Sand	09/22/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
MWB013	MWB013_WG050704_0001	Primary Sample	B-Sand	05/07/2004	2 U	1 U	1 U	0.5 U	0.25 J	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWB013_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	2 U	1 U	1 U	0.5 U	0.24 J	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWB013_WG071504_0001	Primary Sample	B-Sand	07/15/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWB013_WG071504_0002	Field Duplicate	B-Sand	07/15/2004	2 U	1 U	1 U	0.5 U	0.38 J	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWB013_WG092004_0001	Primary Sample	B-Sand	09/20/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
MWB014	MWB014_WG050704_0001	Primary Sample	B-Sand	05/07/2004	20 U	10 U	10 U	5 U	10 U	10 U	10 U	50 U	50 U	50 U	100 U	200 U	200 U	10 U	10 U	10 U
	MWB014_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	20 U	10 U	10 U	5 U	10 U	10 U	10 U	50 U	50 U	50 U	100 U	200 U	200 U	10 U	10 U	10 U
	MWB014_WG071504_0001	Primary Sample	B-Sand	07/15/2004	20 U	10 U	10 U	5 U	10 U	10 U	10 U	50 U	50 U	50 U	100 U	200 U	200 U	10 U	10 U	10 U
	MWB014_WG092204_0001	Primary Sample	B-Sand	09/22/2004	10 U	5 U	5 U	2.5 U	5 U	5 U	5 U	25 U	25 U	25 U	50 U	100 U	100 U	5 U	5 U	5 U
MWB019	MWB019_WG050704_0001	Primary Sample	B-Sand	05/07/2004	100 U	50 U	50 U	25 U	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
	MWB019_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	100 U	50 U	50 U	25 U	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
	MWB019_WG071504_0001	Primary Sample	B-Sand	07/15/2004	100 U	50 U	50 U	25 U	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
	MWB019_WG092104_0001	Primary Sample	B-Sand	09/21/2004	100 U	50 U	50 U	25 U	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
MWC015	MWC015_HG050604_0001	Primary Sample	C-Sand	05/06/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWC015_WG071604_0001	Primary Sample	C-Sand	07/16/2004	100 U	50 U	50 U	25 U	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
	MWC015_WG092304_0001	Primary Sample	C-Sand	09/23/2004	67 U	33 U	33 U	17 U	33 U	33 U	33 U	170 U	170 U	170 U	330 U	670 U	670 U	33 U	33 U	33 U
MWC016	MWC016_HG050604_0001	Primary Sample	C-Sand	05/06/2004	20 U	10 U	10 U	5 U	10 U	10 U	10 U	50 U	50 U	50 U	100 U	200 U	200 U	10 U	10 U	10 U
	MWC016_HG050604_0002	Field Duplicate	C-Sand	05/06/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWC016_WG071604_0001	Primary Sample	C-Sand	07/16/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWC016_WG092304_0001	Primary Sample	C-Sand	09/23/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
MWC017	MWC017_WG050704_0001	Primary Sample	C-Sand	05/07/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWC017_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWC017_WG071604_0001	Primary Sample	C-Sand	07/16/2004	10 U	5 U	5 U	2.5 U	5 U	5 U	5 U	25 U	25 U	25 U	50 U	100 U	100 U	5 U	5 U	5 U
	MWC017_WG092204_0001	Primary Sample	C-Sand	09/22/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
	MWC017_WG092204_0002	Field Duplicate	C-Sand	09/22/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
MWC021	MWC021_WG050704_0001	Primary Sample	C-Sand	05/07/2004	2 U	1 U	1 U	0.5 U	0.43 J	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWC021_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	2 U	1 U	1 U	0.5 U	0.28 J	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWC021_WG071504_0001	Primary Sample	C-Sand	07/15/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	MWC021_WG092104_0001	Primary Sample	C-Sand	09/21/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
TMW_01	TMW_01_WG092304_0001	Primary Sample	B-Sand	09/23/2004	17 U	8.3 U	8.3 U	4.2 U	8.3 U	8.3 U	8.3 U	42 U	42 U	42 U	83 U	170 U	170 U	8.3 U	8.3 U	8.3 U
TMW_02	TMW_02_WG092404_0001	Primary Sample	B-Sand	09/24/2004	1200 U	620 U	620 U	310 U	620 U	620 U	620 U	3100 U	3100 U	2200 J	31000	12000 U	12000 U	620 U	620 U	620 U
TMW_04	TMW_04_WG092304_0001	Primary Sample	B-Sand	09/23/2004	100 U	50 U	50 U	25 U	50 U	50 U	50 U	250 U	250 U	250 U	500 U	1000 U	1000 U	50 U	50 U	50 U
TMW_06	TMW_06_WG092204_0001	Primary Sample	B-Sand	09/22/2004	5 U	2.5 U	2.5 U	1.2 U	2.5 U	2.5 U	2.5 U	12 U	12 U	12 U	25 U	50 U	50 U	2.5 U	2.5 U	2.5 U
TMW_07	TMW_07_WG092304_0001	Primary Sample	B-Sand	09/23/2004	50 U	25 U	25 U	12 U	25 U	25 U	25 U	120 U	120 U	120 U	250 U	500 U	500 U	25 U	25 U	25 U
TMW_10	TMW_10_WG092104_0001	Primary Sample	B-Sand	09/21/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	7.8 J	20 U	20 U	1 U	1 U	1 U
TMW_11	TMW_11_WG092104_0001	Primary Sample	B-Sand	09/21/2004	10 U	5 U	5 U	2.5 U	5 U	5 U	5 U	25 U	25 U	25 U	50 U	100 U	100 U	5 U	5 U	5 U
TMW_14	TMW_14_WG092104_0001	Primary Sample	B-Sand	09/21/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	3.1 J	20 U	20 U	1 U	1 U	1 U
TMW_15	TMW_15_WG092004_0001	Primary Sample	B-Sand	09/20/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	TMW_15_WG092204_0001	Primary Sample	B-Sand	09/22/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
WCC_05S	WCC_05S_WG092004_0001	Primary Sample	B-Sand	09/20/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
QA/QC Samples																				
EquipmentBlank	EB_TAIT_HG050604_0001	Field Equipment Blank	NA	05/06/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	EB_TAIT_WG050704_0001	Field Equipment Blank	NA	05/07/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	3.5 J	20 U	20 U	1 U	1 U	1 U
	EB_TAIT071504_0001	Field Equipment Blank	NA	07/15/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	4.3 J	20 U	20 U	1 U	1 U	1 U
	EB_TAIT071604_0001	Field Equipment Blank	NA	07/16/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	4.6 J	20 U	20 U	1 U	1 U	1 U
	EB_TAIT092004_0001	Field Equipment Blank	NA	09/20/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	4.8 J	20 U	20 U	1 U	1 U	1 U
	EB_TAIT092104_0001	Field Equipment Blank	NA	09/21/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	4.2 J	20 U	20 U	1 U	1 U	1 U
	EB_TAIT092204_0001	Field Equipment Blank	NA	09/22/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	4.5 J	20 U	20 U	1 U	1 U	1 U
	EB_TAIT092304_0001	Field Equipment Blank	NA	09/23/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	EB_TAIT092404_0001	Field Equipment Blank	NA	09/24/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	7.8 J	20 U	20 U	1 U	1 U	1 U
TripBlank	TB_TAIT_WG050604_0001	Field Trip/Travel Blank	NA	05/06/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	3 J	20 U	20 U	1 U	1 U	1 U
	TB_TAIT_WG050704_0001	Field Trip/Travel Blank	NA	05/07/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	3.1 J	20 U	20 U	1 U	1 U	1 U
	TB_TAIT071504_0001	Field Trip/Travel Blank	NA	07/15/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	4 J	20 U	20 U	1 U	1 U	1 U
	TB_TAIT071604_0001	Field Trip/Travel Blank	NA	07/16/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	19	20 U	20 U	1 U	1 U	1 U
	TB_TAIT092004_0001	Field Trip/Travel Blank	NA	09/20/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	TB_TAIT092104_0001	Field Trip/Travel Blank	NA	09/21/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	TB_TAIT092204_0001	Field Trip/Travel Blank	NA	09/22/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	TB_TAIT092304_0001	Field Trip/Travel Blank	NA	09/23/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U
	TB_TAIT092404_0001	Field Trip/Travel Blank	NA	09/24/2004	2 U	1 U	1 U	0.5 U	1 U	1 U	1 U	5 U	5 U	5 U	10 U	20 U	20 U	1 U	1 U	1 U

TABLE IV
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B - MAY, JUNE, AND SEPTEMBER 2004
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Geological Unit	Date Collected	Bromodichloromethane ug/L	Bromoform ug/L	Bromomethane ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chlorobenzene ug/L	Chloroethane ug/L	Chloroform ug/L	Chloromethane ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Dibromochloromethane ug/L	Dichlorodifluoromethane ug/L	Diisopropyl ether ug/L	Ethylbenzene ug/L	Hexachlorobutadiene ug/L
Preferred Analyte: Result Value Units:																				
CMW001	CMW001_WG092404_0001	Primary Sample	C-Sand	09/24/2004	170 U	170 U	330 U	170 U	83 U	13000	330 U	170 U	330 U	170 U	170 U	170 U	170 U		170 U	170 U
CMW002	CMW002_WG092404_0001	Primary Sample	C-Sand	09/24/2004	120 U	120 U	250 U	120 U	62 U	6700	250 U	120 U	250 U	120 U	120 U	120 U	120 U		120 U	120 U
	CMW002_WG092404_0002	Field Duplicate	C-Sand	09/24/2004	120 U	120 U	250 U	120 U	62 U	7100	250 U	120 U	250 U	120 U	120 U	120 U	120 U		120 U	120 U
CMW026	CMW026_WG_052104_01	Primary Sample	C-Sand	05/21/2004																
	CMW026_WG092304_0001	Primary Sample	C-Sand	09/23/2004	12 U	12 U	25 U	12 U	6.2 U	12 U	25 U	8.6 J	25 U	280	12 U	12 U	12 U	25 U	12 U	12 U
DAC-P1	DAC_P1_WG092204_0001	Primary Sample	B-Sand	09/22/2004	120 U	120 U	250 U	120 U	62 U	120 U	250 U	120 U	250 U	82 J	120 U	120 U	120 U	250 U	120 U	120 U
IRZMW001A	IRZMW001A_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW001B	IRZMW001B_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW002A	IRZMW002A_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW002B	IRZMW002B_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW005	IRZMW005_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
MW0005	MW0005_WG092404_0001	Primary Sample	B-Sand	09/24/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	18 J	100 U	240	50 U	50 U	50 U		50 U	50 U
	MW0005_WG092404_0002	Field Duplicate	B-Sand	09/24/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	16 J	100 U	200	50 U	50 U	50 U		50 U	50 U
MWB012	MWB012_HG050604_0001	Primary Sample	B-Sand	05/06/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	9.5 J	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWB012_HG050604_0002	Field Duplicate	B-Sand	05/06/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	7.6 J	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWB012_WG071604_0001	Primary Sample	B-Sand	07/16/2004	10 U	10 U	20 U	10 U	5 U	10 U	20 U	3.7 J	20 U	10 U	10 U	10 U	10 U		10 U	10 U
	MWB012_WG092204_0001	Primary Sample	B-Sand	09/22/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	29	50 U	15 J	25 U	25 U	25 U	50 U	25 U	25 U
MWB013	MWB013_WG050704_0001	Primary Sample	B-Sand	05/07/2004	0.41 J	1 U	2 U	1 U	0.5 U	1 U	2 U	0.59 J	2 U	1 U	1 U	1 U	1 U		0.43 J	1 U
	MWB013_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	0.44 J	1 U	2 U	1 U	0.5 U	1 U	2 U	0.62 J	2 U	1 U	1 U	1 U	1 U		0.33 J	1 U
	MWB013_WG071504_0001	Primary Sample	B-Sand	07/15/2004	0.35 J	1 U	2 U	1 U	0.5 U	1 U	2 U	0.53 J	2 U	1 U	1 U	1 U	1 U		0.23 J	1 U
	MWB013_WG071504_0002	Field Duplicate	B-Sand	07/15/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	0.44 J	2 U	1 U	1 U	1 U	1 U		0.41 J	1 U
	MWB013_WG092004_0001	Primary Sample	B-Sand	09/20/2004	0.41 J	1 U	2 U	1 U	0.5 U	1 U	2 U	0.65 J	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
MWB014	MWB014_WG050704_0001	Primary Sample	B-Sand	05/07/2004	10 U	10 U	20 U	10 U	5 U	10 U	20 U	630	20 U	10 U	10 U	10 U	10 U		10 U	10 U
	MWB014_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	10 U	10 U	20 U	10 U	5 U	10 U	20 U	540	20 U	10 U	10 U	10 U	10 U		10 U	10 U
	MWB014_WG071504_0001	Primary Sample	B-Sand	07/15/2004	10 U	10 U	20 U	10 U	5 U	10 U	20 U	300	20 U	10 U	10 U	10 U	10 U		10 U	10 U
	MWB014_WG092204_0001	Primary Sample	B-Sand	09/22/2004	5 U	5 U	10 U	5 U	2.5 U	5 U	10 U	440	10 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
MWB019	MWB019_WG050704_0001	Primary Sample	B-Sand	05/07/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	2100	100 U	50 U	50 U	50 U	50 U		50 U	50 U
	MWB019_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	50 U	50 U	100 U	50 U	25	50 U	100 U	4100	100 U	50 U	50 U	50 U	50 U		50 U	50 U
	MWB019_WG071504_0001	Primary Sample	B-Sand	07/15/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	2000	100 U	50 U	50 U	50 U	50 U		50 U	50 U
	MWB019_WG092104_0001	Primary Sample	B-Sand	09/21/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	2300	100 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U
MWC015	MWC015_HG050604_0001	Primary Sample	C-Sand	05/06/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	25 U	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWC015_WG071604_0001	Primary Sample	C-Sand	07/16/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	50 U	100 U	50 U	50 U	50 U	50 U		50 U	50 U
	MWC015_WG092304_0001	Primary Sample	C-Sand	09/23/2004	33 U	33 U	67 U	33 U	17 U	33 U	67 U	33 U	67 U	15 J	33 U	33 U	33 U	67 U	33 U	33 U
MWC016	MWC016_HG050604_0001	Primary Sample	C-Sand	05/06/2004	10 U	10 U	20 U	10 U	5 U	10 U	20 U	6 J	20 U	10 U	10 U	10 U	10 U		10 U	10 U
	MWC016_HG050604_0002	Field Duplicate	C-Sand	05/06/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	7.6 J	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWC016_WG071604_0001	Primary Sample	C-Sand	07/16/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	9 J	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWC016_WG092304_0001	Primary Sample	C-Sand	09/23/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	10 J	50 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U
MWC017	MWC017_WG050704_0001	Primary Sample	C-Sand	05/07/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	68	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWC017_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	68	50 U	25 U	25 U	25 U	25 U		25 U	25 U
	MWC017_WG071604_0001	Primary Sample	C-Sand	07/16/2004	5 U	5 U	10 U	5 U	2.5 U	5 U	10 U	16	10 U	5 U	5 U	5 U	5 U		5 U	5 U
	MWC017_WG092204_0001	Primary Sample	C-Sand	09/22/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	80	50 U	7.9 J	25 U	25 U	25 U	50 U	25 U	25 U
	MWC017_WG092204_0002	Field Duplicate	C-Sand	09/22/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	67	50 U	11 J	25 U	25 U	25 U	50 U	25 U	25 U
MWC021	MWC021_WG050704_0001	Primary Sample	C-Sand	05/07/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	2.3	1 U	1 U	1 U		0.54 J	1 U
	MWC021_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	2.1	1 U	1 U	1 U		0.34 J	1 U
	MWC021_WG071504_0001	Primary Sample	C-Sand	07/15/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	0.31 J	2 U	3.1	1 U	1 U	1 U		1 U	1 U
	MWC021_WG092104_0001	Primary Sample	C-Sand	09/21/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	0.3 J	2 U	3.2	1 U	1 U	1 U	2 U	1 U	1 U
TMW_01	TMW_01_WG092304_0001	Primary Sample	B-Sand	09/23/2004	8.3 U	8.3 U	17 U	8.3 U	4.2 U	8.3 U	17 U	3.4 J	17 U	8.3 U	8.3 U	8.3 U	8.3 U	17 U	8.3 U	8.3 U
TMW_02	TMW_02_WG092404_0001	Primary Sample	B-Sand	09/24/2004	620 U	620 U	1200 U	620 U	310 U	620 U	1200 U	620 U	1200 U	14000	620 U	620 U	620 U		620 U	620 U
TMW_04	TMW_04_WG092304_0001	Primary Sample	B-Sand	09/23/2004	50 U	50 U	100 U	50 U	25 U	50 U	100 U	50 U	100 U	48 J	50 U	50 U	50 U	100 U	50 U	50 U
TMW_06	TMW_06_WG092204_0001	Primary Sample	B-Sand	09/22/2004	2.5 U	2.5 U	5 U	2.5 U	1.2 U	2.5 U	5 U	130	5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U
TMW_07	TMW_07_WG092304_0001	Primary Sample	B-Sand	09/23/2004	25 U	25 U	50 U	25 U	12 U	25 U	50 U	25 U	50 U	8.9 J	25 U	25 U	25 U	50 U	25 U	25 U
TMW_10	TMW_10_WG092104_0001	Primary Sample	B-Sand	09/21/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	0.58 J	2 U	1 U	1 U	1 U	1.2	2 U	1 U	1 U
TMW_11	TMW_11_WG092104_0001	Primary Sample	B-Sand	09/21/2004	5 U	5 U	10 U	5 U	2.5 U	5 U	10 U	270	10 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U
TMW_14	TMW_14_WG092104_0001	Primary Sample	B-Sand	09/21/2004	1 U	1 U	2 U	1 U	1.2	1 U	2 U	2.8	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
TMW_15	TMW_15_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	2.5	2 U	3.3	1 U	1 U	1 U	2 U	1 U	1 U
	TMW_15_WG092204_0001	Primary Sample	B-Sand	09/22/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	4	2 U	1.7	1 U	1 U	1 U	2 U	1 U	1 U
WCC_05S	WCC_05S_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	0.59 J	0.57 J	0.5 J	1 U	1 U	1 U	2 U	1 U	1 U
QA/QC Samples																				
EquipmentBlank	EB_TAIT_HG050604_0001	Field Equipment Blank	NA	05/06/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	EB_TAIT_WG050704_0001	Field Equipment Blank	NA	05/07/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	EB_TAIT071504_0001	Field Equipment Blank	NA	07/15/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	EB_TAIT071604_0001	Field Equipment Blank	NA	07/16/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	9.2	2 U	1 U	1 U	6.2	1 U	2 U	1 U	1 U
	EB_TAIT092004_0001	Field Equipment Blank	NA	09/20/2004	7.1	1.2	2 U	1 U	0.5 U	1 U	2 U	7.3	2 U	1 U	1 U	4.6	1 U	2 U	1 U	1 U
	EB_TAIT092104_0001	Field Equipment Blank	NA	09/21/2004	5.5	0.91 J	2 U	1 U	0.5 U	1 U	2 U	8.3	2 U	1 U	1 U	6.7	1 U	2 U	1 U	1 U
	EB_TAIT092204_0001	Field Equipment Blank	NA	09/22/2004	7.1	1.4	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	EB_TAIT092304_0001	Field Equipment Blank	NA	09/23/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	5.2	2 U	1 U	1 U	5.3	1 U		1 U	1 U
	EB_TAIT092404_0001	Field Equipment Blank	NA	09/24/2004	5.4	1.1	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
TripBlank	TB_TAIT_WG050604_0001	Field Trip/Travel Blank	NA	05/06/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	TB_TAIT_WG050704_0001	Field Trip/Travel Blank	NA	05/07/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	TB_TAIT071504_0001	Field Trip/Travel Blank	NA	07/15/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
	TB_TAIT071604_0001	Field Trip/Travel Blank	NA	07/16/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
	TB_TAIT092004_0001	Field Trip/Travel Blank	NA	09/20/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
	TB_TAIT092104_0001	Field Trip/Travel Blank	NA	09/21/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U
	TB_TAIT092204_0001	Field Trip/Travel Blank	NA	09/22/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	0.57 J	1 U	1 U	1 U	1 U	2 U	1 U	1 U
	TB_TAIT092304_0001	Field Trip/Travel Blank	NA	09/23/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U
	TB_TAIT092404_0001	Field Trip/Travel Blank	NA	09/24/2004	1 U	1 U	2 U	1 U	0.5 U	1 U	2 U	1 U	2 U	1 U	1 U	1 U	1 U		1 U	1 U

TABLE IV
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B - MAY, JUNE, AND SEPTEMBER 2004
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Preferred Analyte: Result Value Units:					Iodomethane ug/L	Methyl ethyl ketone ug/L	Methyl tert-butyl ether ug/L	Methylene chloride ug/L	n-Butylbenzene ug/L	n-Propylbenzene ug/L	o-Chlorotoluene ug/L	p-Chlorotoluene ug/L	p-Cymene ug/L	sec-Butylbenzene ug/L	sec-Dichloropropane ug/L	Styrene ug/L	Tert-amyl methyl ether ug/L	tert-Butyl alcohol ug/L	Tert-butyl ethyl ether ug/L	tert-Butylbenzene ug/L
Object Name	**Sample Name**	**Sample Type**	**Geological Unit**	**Date Collected**																
CMW001	CMW001_WG092404_0001	Primary Sample	C-Sand	09/24/2004	330 U	830 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U	170 U				170 U
CMW002	CMW002_WG092404_0001	Primary Sample	C-Sand	09/24/2004	250 U	620 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U				120 U
	CMW002_WG092404_0002	Field Duplicate	C-Sand	09/24/2004	250 U	620 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U				120 U
CMW026	CMW026_WG_052104_01	Primary Sample	C-Sand	05/21/2004													25 U	310 U	25 U	12 U
	CMW026_WG092304_0001	Primary Sample	C-Sand	09/23/2004	25 U	62 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	250 U	3100 U	250 U	120 U
DAC-P1	DAC_P1_WG092204_0001	Primary Sample	B-Sand	09/22/2004	250 U	620 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U				
IRZMW001A	IRZMW001A_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW001B	IRZMW001B_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW002A	IRZMW002A_WG_052104_01	Primary Sample	B-Sand	05/21/2004																
IRZMW002B	IRZMW002B_WG_052104_01	Primary Sample	B-Sand	05/21/2004																50 U
IRZMW005	IRZMW005_WG_052104_01	Primary Sample	B-Sand	05/21/2004																50 U
MW0005	MW0005_WG092404_0001	Primary Sample	B-Sand	09/24/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U				25 U
	MW0005_WG092404_0002	Field Duplicate	B-Sand	09/24/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U				25 U
MWB012	MWB012_HG050604_0001	Primary Sample	B-Sand	05/06/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				10 U
	MWB012_HG050604_0002	Field Duplicate	B-Sand	05/06/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	620 U	50 U	25 U
	MWB012_WG071604_0001	Primary Sample	B-Sand	07/16/2004	20 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				1 U
	MWB012_WG092204_0001	Primary Sample	B-Sand	09/22/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				1 U
MWB013	MWB013_WG050704_0001	Primary Sample	B-Sand	05/07/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	MWB013_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	MWB013_WG071504_0001	Primary Sample	B-Sand	07/15/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	MWB013_WG071504_0002	Field Duplicate	B-Sand	07/15/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	MWB013_WG092004_0001	Primary Sample	B-Sand	09/20/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				10 U
MWB014	MWB014_WG050704_0001	Primary Sample	B-Sand	05/07/2004	20 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				10 U
	MWB014_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	20 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				10 U
	MWB014_WG071504_0001	Primary Sample	B-Sand	07/15/2004	20 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				10 U
	MWB014_WG092204_0001	Primary Sample	B-Sand	09/22/2004	10 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	120 U	10 U	5 U
MWB019	MWB019_WG050704_0001	Primary Sample	B-Sand	05/07/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U				50 U
	MWB019_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U				50 U
	MWB019_WG071504_0001	Primary Sample	D-Sand	07/15/2004	100 U	250 J	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U				50 U
	MWB019_WG092104_0001	Primary Sample	B-Sand	09/21/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	1200 U	100 U	50 U
MWC015	MWC015_HG050604_0001	Primary Sample	C-Sand	05/06/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				25 U
	MWC015_WG071604_0001	Primary Sample	C-Sand	07/16/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U				50 U
	MWC015_WG092304_0001	Primary Sample	C-Sand	09/23/2004	67 U	170 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	33 U	67 U	830 U	67 U	33 U
MWC016	MWC016_HG050604_0001	Primary Sample	C-Sand	05/06/2004	20 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U				10 U
	MWC016_HG050604_0002	Field Duplicate	C-Sand	05/06/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				25 U
	MWC016_WG071604_0001	Primary Sample	C-Sand	07/16/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				25 U
	MWC016_WG092304_0001	Primary Sample	C-Sand	09/23/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	620 U	50 U	25 U
MWC017	MWC017_WG050704_0001	Primary Sample	C-Sand	05/07/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				25 U
	MWC017_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				5 U
	MWC017_WG071604_0001	Primary Sample	C-Sand	07/16/2004	10 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	50 U	620 U	50 U	25 U
	MWC017_WG092204_0001	Primary Sample	C-Sand	09/22/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	620 U	50 U	25 U
	MWC017_WG092204_0002	Field Duplicate	C-Sand	09/22/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U				1 U
MWC021	MWC021_WG050704_0001	Primary Sample	C-Sand	05/07/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.32 J				1 U
	MWC021_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	MWC021_WG071504_0001	Primary Sample	C-Sand	07/15/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	MWC021_WG092104_0001	Primary Sample	C-Sand	09/21/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
TMW_01	TMW_01_WG092304_0001	Primary Sample	B-Sand	09/23/2004	17 U	42 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	8.3 U	17 U	210 U	17 U	8.3 U
TMW_02	TMW_02_WG092404_0001	Primary Sample	B-Sand	09/24/2004	1200 U	170000	620 U	620 U	620 U	620 U	620 U	620 U	620 U	620 U	620 U	620 U				620 U
TMW_04	TMW_04_WG092304_0001	Primary Sample	B-Sand	09/23/2004	100 U	250 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	1200 U	100 U	50 U
TMW_06	TMW_06_WG092204_0001	Primary Sample	B-Sand	09/22/2004	5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5 U	62 U	5 U	2.5 U
TMW_07	TMW_07_WG092304_0001	Primary Sample	B-Sand	09/23/2004	50 U	120 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	50 U	620 U	50 U	25 U
TMW_10	TMW_10_WG092104_0001	Primary Sample	B-Sand	09/21/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
TMW_11	TMW_11_WG092104_0001	Primary Sample	B-Sand	09/21/2004	10 U	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	120 U	10 U	5 U
TMW_14	TMW_14_WG092104_0001	Primary Sample	B-Sand	09/21/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
TMW_15	TMW_15_WG092004_0001	Primary Sample	B-Sand	09/20/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	TMW_15_WG092204_0001	Primary Sample	B-Sand	09/22/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
WCC_05S	WCC_05S_WG092004_0001	Primary Sample	B-Sand	09/20/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				
QA/QC Samples																				
EquipmentBlank	EB_TAIT_HG050604_0001	Field Equipment Blank	NA	05/06/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	EB_TAIT_WG050704_0001	Field Equipment Blank	NA	05/07/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	EB_TAIT071504_0001	Field Equipment Blank	NA	07/15/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	EB_TAIT071604_0001	Field Equipment Blank	NA	07/16/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	EB_TAIT092004_0001	Field Equipment Blank	NA	09/20/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	EB_TAIT092104_0001	Field Equipment Blank	NA	09/21/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	EB_TAIT092204_0001	Field Equipment Blank	NA	09/22/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	EB_TAIT092304_0001	Field Equipment Blank	NA	09/23/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	EB_TAIT092404_0001	Field Equipment Blank	NA	09/24/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
TripBlank	TB_TAIT_WG050604_0001	Field Trip/Travel Blank	NA	05/06/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	TB_TAIT_WG050704_0001	Field Trip/Travel Blank	NA	05/07/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	TB_TAIT071504_0001	Field Trip/Travel Blank	NA	07/15/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	TB_TAIT071604_0001	Field Trip/Travel Blank	NA	07/16/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	TB_TAIT092004_0001	Field Trip/Travel Blank	NA	09/20/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	TB_TAIT092104_0001	Field Trip/Travel Blank	NA	09/21/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	TB_TAIT092204_0001	Field Trip/Travel Blank	NA	09/22/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	25 U	2 U	1 U
	TB_TAIT092304_0001	Field Trip/Travel Blank	NA	09/23/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U
	TB_TAIT092404_0001	Field Trip/Travel Blank	NA	09/24/2004	2 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U				1 U

TABLE IV
VOLATILE ORGANIC COMPOUNDS BY EPA METHOD 8260B - MAY, JUNE, AND SEPTEMBER 2004
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Preferred Analyte: Result Value Units:					Tetrachloroethene ug/L	Tetrahydrofuran ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoromethane ug/L	Vinyl acetate ug/L	Vinyl chloride ug/L	Xylenes, Total ug/L
Object Name	**Sample Name**	**Sample Type**	**Geological Unit**	**Date Collected**									
CMW001	CMW001_WG092404_0001	Primary Sample	C-Sand	09/24/2004	170 U	1700 U	170 U	170 U	170 U	330 U	830 U	83 U	170 U
CMW002	CMW002_WG092404_0001	Primary Sample	C-Sand	09/24/2004	120 U	1200 U	120 U	120 U	400	250 U	620 U	62 U	120 U
	CMW002_WG092404_0002	Field Duplicate	C-Sand	09/24/2004	120 U	1200 U	120 U	120 U	430	250 U	620 U	62 U	120 U
CMW026	CMW026_WG_052104_01	Primary Sample	C-Sand	05/21/2004									
	CMW026_WG092304_0001	Primary Sample	C-Sand	09/23/2004	12 U	120 U	12 U	4.2 J	600	25 U	62 U	6.2 U	12 U
DAC-P1	DAC_P1_WG092204_0001	Primary Sample	B-Sand	09/22/2004	120 U	1200 U	120 U	120 U	6200	250 U	620 U	62 U	120 U
IRZMW001A	IRZMW001A_WG_052104_01	Primary Sample	B-Sand	05/21/2004									
IRZMW001B	IRZMW001B_WG_052104_01	Primary Sample	B-Sand	05/21/2004									
IRZMW002A	IRZMW002A_WG_052104_01	Primary Sample	B-Sand	05/21/2004									
IRZMW002B	IRZMW002B_WG_052104_01	Primary Sample	B-Sand	05/21/2004									
IRZMW005	IRZMW005_WG_052104_01	Primary Sample	B-Sand	05/21/2004									
MW0005	MW0005_WG092404_0001	Primary Sample	B-Sand	09/24/2004	50 U	500 U	50 U	98	3100	100 U	250 U	25 U	50 U
	MW0005_WG092404_0002	Field Duplicate	B-Sand	09/24/2004	50 U	500 U	50 U	84	2600	100 U	250 U	25 U	50 U
MWB012	MWB012_HG050604_0001	Primary Sample	B-Sand	05/06/2004	25 U	250 U	25 U	25 U	1000	50 U	120 U	12 U	25 U
	MWB012_HG050604_0002	Field Duplicate	B-Sand	05/06/2004	7.6 J	250 U	25 U	25 U	1100	50 U	120 U	12 U	25 U
	MWB012_WG071604_0001	Primary Sample	B-Sand	07/16/2004	5.6 J	100 U	10 U	10 U	510	20 U	50 U	5 U	10 U
	MWB012_WG092204_0001	Primary Sample	B-Sand	09/22/2004	12 J	250 U	25 U	25 U	1400	50 U	120 U	12 U	25 U
MWB013	MWB013_WG050704_0001	Primary Sample	B-Sand	05/07/2004	1 U	10 U	1 U	1 U	3.4	2 U	5 U	0.5 U	2
	MWB013_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	1 U	10 U	1 U	1 U	3.4	2 U	5 U	0.5 U	1.5
	MWB013_WG071504_0001	Primary Sample	B-Sand	07/15/2004	1 U	10 U	1 U	1 U	2.6	2 U	5 U	0.5 U	1.2
	MWB013_WG071504_0002	Field Duplicate	B-Sand	07/15/2004	1 U	10 U	1 U	1 U	1.8	2 U	5 U	0.5 U	2.3
	MWB013_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	10 U	1 U	1 U	4.2	2 U	5 U	0.5 U	1 U
MWB014	MWB014_WG050704_0001	Primary Sample	B-Sand	05/07/2004	10 U	100 U	10 U	10 U	220	20 U	50 U	5 U	10 U
	MWB014_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	10 U	100 U	10 U	10 U	180	20 U	50 U	5 U	10 U
	MWB014_WG071504_0001	Primary Sample	B-Sand	07/15/2004	10 U	100 U	10 U	10 U	34	20 U	50 U	5 U	10 U
	MWB014_WG092204_0001	Primary Sample	B-Sand	09/22/2004	5 U	50 U	5 U	5 U	99	10 U	25 U	2.5 U	5 U
MWB019	MWB019_WG050704_0001	Primary Sample	B-Sand	05/07/2004	120	500 U	50 U	50 U	120	100 U	250 U	25 U	50 U
	MWB019_WG050704_0002	Field Duplicate	B-Sand	05/07/2004	240	500 U	29 J	50 U	230	100 U	250 U	25 U	50 U
	MWB019_WG071504_0001	Primary Sample	B-Sand	07/15/2004	110	500 U	50 U	50 U	120	100 U	250 U	25 U	50 U
	MWB019_WG092104_0001	Primary Sample	B-Sand	09/21/2004	150	500 U	50 U	50 U	110	100 U	250 U	25 U	50 U
MWC015	MWC015_HG050604_0001	Primary Sample	C-Sand	05/06/2004	25 U	250 U	25 U	25 U	1600	50 U	120 U	12 U	25 U
	MWC015_WG071604_0001	Primary Sample	C-Sand	07/16/2004	50 U	500 U	50 U	50 U	1400	100 U	250 U	25 U	50 U
	MWC015_WG092304_0001	Primary Sample	C-Sand	09/23/2004	33 U	330 U	33 U	33 U	1400	67 U	170 U	17 U	33 U
MWC016	MWC016_HG050604_0001	Primary Sample	C-Sand	05/06/2004	10 U	100 U	10 U	10 U	660	20 U	50 U	5 U	10 U
	MWC016_HG050604_0002	Field Duplicate	C-Sand	05/06/2004	25 U	250 U	25 U	25 U	760	50 U	120 U	12 U	25 U
	MWC016_WG071604_0001	Primary Sample	C-Sand	07/16/2004	25 U	250 U	25 U	25 U	980	50 U	120 U	12 U	25 U
	MWC016_WG092304_0001	Primary Sample	C-Sand	09/23/2004	25 U	250 U	25 U	25 U	1200	50 U	120 U	12 U	25 U
MWC017	MWC017_WG050704_0001	Primary Sample	C-Sand	05/07/2004	25 U	250 U	25 U	25 U	910	50 U	120 U	12 U	25 U
	MWC017_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	25 U	250 U	25 U	25 U	990	50 U	120 U	12 U	25 U
	MWC017_WG071604_0001	Primary Sample	C-Sand	07/16/2004	5 U	50 U	5 U	5 U	120	10 U	25 U	2.5 U	5 U
	MWC017_WG092204_0001	Primary Sample	C-Sand	09/22/2004	25 U	250 U	25 U	25 U	910	50 U	120 U	12 U	25 U
	MWC017_WG092204_0002	Field Duplicate	C-Sand	09/22/2004	25 U	250 U	25 U	25 U	900	50 U	120 U	12 U	25 U
MWC021	MWC021_WG050704_0001	Primary Sample	C-Sand	05/07/2004	1 U	10 U	1 U	1 U	6.5	2 U	5 U	0.5 U	2.9
	MWC021_WG050704_0002	Field Duplicate	C-Sand	05/07/2004	1 U	10 U	1 U	1 U	11	2 U	5 U	0.5 U	1.8
	MWC021_WG071504_0001	Primary Sample	C-Sand	07/15/2004	1 U	10 U	1 U	1 U	8.1	2 U	5 U	0.5 U	1 U
	MWC021_WG092104_0001	Primary Sample	C-Sand	09/21/2004	0.34 J	10 U	1 U	1 U	9.1	2 U	5 U	0.5 U	1 U
TMW_01	TMW_01_WG092304_0001	Primary Sample	B-Sand	09/23/2004	3.7 J	83 U	8.3 U	8.3 U	370	15 J	42 U	4.2 U	8.3 U
TMW_02	TMW_02_WG092404_0001	Primary Sample	B-Sand	09/24/2004	620 U	6200 U	5900	560 J	910	1200 U	3100 U	310 U	620 U
TMW_04	TMW_04_WG092304_0001	Primary Sample	B-Sand	09/23/2004	50 U	500 U	50 U	26 J	1700	100 U	250 U	25 U	50 U
TMW_06	TMW_06_WG092204_0001	Primary Sample	B-Sand	09/22/2004	2.5 U	25 U	2.5 U	2.5 U	62	5 U	12 U	1.2 U	2.5 U
TMW_07	TMW_07_WG092304_0001	Primary Sample	B-Sand	09/23/2004	25 U	250 U	25 U	25 U	1200	50 U	120 U	12 U	25 U
TMW_10	TMW_10_WG092104_0001	Primary Sample	B-Sand	09/21/2004	1.1	10 U	0.59 J	1 U	2.2	0.35 J	5 U	0.5 U	1 U
TMW_11	TMW_11_WG092104_0001	Primary Sample	B-Sand	09/21/2004	3.9 J	50 U	5 U	5 U	5.3	10 U	25 U	2.5 U	5 U
TMW_14	TMW_14_WG092104_0001	Primary Sample	B-Sand	09/21/2004	1.7	10 U	1 U	1 U	9.9	2 U	5 U	0.5 U	1 U
TMW_15	TMW_15_WG092004_0001	Primary Sample	B-Sand	09/20/2004	1 U	10 U	1 U	1 U	18	2 U	5 U	0.5 U	1 U
	TMW_15_WG092204_0001	Primary Sample	B-Sand	09/22/2004	1 U	10 U	1 U	1 U	13	2 U	5 U	0.5 U	1 U
WCC_05S	WCC_05S_WG092004_0001	Primary Sample	B-Sand	09/20/2004	0.37 J	10 U	1 U	1 U	2.4	1.3 J	5 U	0.5 U	1 U
QA/QC Samples													
EquipmentBlank	EB_TAIT_HG050604_0001	Field Equipment Blank	NA	05/06/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT_WG050704_0001	Field Equipment Blank	NA	05/07/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT071504_0001	Field Equipment Blank	NA	07/15/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT071604_0001	Field Equipment Blank	NA	07/16/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT092004_0001	Field Equipment Blank	NA	09/20/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT092104_0001	Field Equipment Blank	NA	09/21/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT092204_0001	Field Equipment Blank	NA	09/22/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT092304_0001	Field Equipment Blank	NA	09/23/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	EB_TAIT092404_0001	Field Equipment Blank	NA	09/24/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
TripBlank	TB_TAIT_WG050604_0001	Field Trip/Travel Blank	NA	05/06/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT_WG050704_0001	Field Trip/Travel Blank	NA	05/07/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT071504_0001	Field Trip/Travel Blank	NA	07/15/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT071604_0001	Field Trip/Travel Blank	NA	07/16/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT092004_0001	Field Trip/Travel Blank	NA	09/20/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT092104_0001	Field Trip/Travel Blank	NA	09/21/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT092204_0001	Field Trip/Travel Blank	NA	09/22/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT092304_0001	Field Trip/Travel Blank	NA	09/23/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U
	TB_TAIT092404_0001	Field Trip/Travel Blank	NA	09/24/2004	1 U	10 U	1 U	1 U	1 U	2 U	5 U	0.5 U	1 U

Notes:
U = Not reported above listed detection limit.
J = Estimated value.
ug/L = Micrograms per liter

QA/QC: PR
Date: 10/25/04

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
BL_01	BL1_011402_1630	Primary Sample	01/14/2002	0.69 J	1 U	0.56 J		10 U	1.1	1 U	0.5 U	1 U	10	0.38 J	1 U	5 U	1 U	1 U	1.6	1 U	1.8	2 U	1 U
	BL_1_07172001_0003	Field Duplicate	07/17/2001	1 U	1 U	0.35 J	1 U	10 U	0.81 J	1 U	0.5 U	1 U	12	0.32 J	1 U	5 U	6	1 U	6.9	1 U	1	2 U	1 U
	BL_1_07172001_1000	Primary Sample	07/17/2001	1 U	1 U	1 U	1 U	10 U	0.77 J	1 U	0.5 U	1 U	11	0.31 J	1 U	5 U	4.8	1 U	6.4	1 U	0.99 J	2 U	1 U
	BL_1_W_011801	Primary Sample	01/18/2001	1 U	1 U	0.36 J		10 U	1 U	1 U	0.5 U	0.25 J	9.1	1 U	1 U	5 U	0.57 J	1 U	7.3	1 U	2.3	2 U	1 U
BL_02	BL_2_050201_	Primary Sample	05/02/2001	12 U	12 U	12 U		120 U	12 U	12 U	6.2 U	5.1 J	12 U	12 U	12 U	62 U	12 U	12 U	12 U	12 U	1100	25 U	12 U
	BL_2_W_011901	Primary Sample	01/19/2001	1 U	1 U	1 U		10 U	1 U	1 U	0.5 U	1.3	1 U	1 U	1 U	5 U	1	1 U	1 U	1 U	4	0.72 J	1 U
BL_03	BL_03_WG032304_0001	Primary Sample	03/23/2004	12 U	12 U	12 U	8.5 J	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	12	12 U	12 U	660	25 U	12 U
	BL_3_032602_1145	Primary Sample	03/26/2002	12 U	12 U	12 U	12 U	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	22	12 U	12 U	840	25 U	12 U
	BL_3_W_011801	Primary Sample	01/18/2001	25 U	25 U	25 U		250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25	25 U	25 U	810	50 U	25 U
	BL3_WG032703_0001	Primary Sample	03/27/2003	12 U	12 U	12 U	16	120 U	12 U	12 U	6.2 U	12 U	29	12 U	12 U	62 U	12 U	21	12 U	12 U	890	25 U	12 U
	BL3_WG032703_0002	Field Duplicate	03/27/2003	12 U	12 U	12 U	16	120 U	12 U	12 U	6.2 U	12 U	41	12 U	12 U	62 U	12 U	24	12 U	12 U	920	25 U	12 U
CMW001	CMW001_WG032304_0001	Primary Sample	03/23/2004	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U
	CMW001_WG092404_0001	Primary Sample	09/24/2004	170 U	170 U	170 U	170 U	1700 U	170 U	170 U	83 U	170 U	170 U	170 U	170 U	830 U	170 U	170 U	170 U	170 U	170 U	330 U	170 U
	CMW001_WG100903_01	Primary Sample	10/09/2003	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	120 U	60 J	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	120 U	250 U	120 U
CMW002	CMW002_WG032304_0001	Primary Sample	03/23/2004	100 U	100 U	100 U	100 U	1000 U	33 J	100 U	50 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	540	200 U	100 U
	CMW002_WG092404_0001	Primary Sample	09/24/2004	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	62 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	400	250 U	120 U
	CMW002_WG092404_0002	Field Duplicate	09/24/2004	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	62 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	430	250 U	120 U
	CMW002_WG100803_01	Primary Sample	10/08/2003	100 U	100 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	460	200 U	100 U
CMW026	CMW026_WG032404_0001	Primary Sample	03/24/2004	25 U	25 U	6.8 J	130	250 U	25 U	25 U	12 U	21 J	10 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1300	50 U	25 U
	CMW026_WG032404_0002	Field Duplicate	03/24/2004	10 U	10 U	4.1 J	72	100 U	10 U	10 U	5 U	12	6.3 J	10 U	10 U	50 U	10 U	10 U	10 U	10 U	810	20 U	10 U
	CMW026_WG092304_0001	Primary Sample	09/23/2004	12 U	12 U	4.8 J	80	120 U	12 U	12 U	6.2 U	8.6 J	280	12 U	12 U	62 U	12 U	12 U	12 U	4.2 J	600	25 U	12 U
	CMW026_WG100703_01	Primary Sample	10/07/2003	25 U	25 U	25 U	65	250 U	25 U	25 U	25 U	21 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1200	50 U	25 U
DAC-P1	DAC_P1_032702_1215	Primary Sample	03/27/2002	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	170 J	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	17000	500 U	250 U
	DAC_P1_W_011801	Primary Sample	01/18/2001	250 U	250 U	250 U		2500 U	250 U	370	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	10000	500 U	250 U
	DAC_P1_WG032803_0001	Primary Sample	03/28/2003	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	89 J	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	13000	500 U	250 U
	DAC_P1_WG091902_0001	Primary Sample	09/19/2002	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	37 J	80	50 U	50 U	250 U	50 U	50 U	50 U	50 U	18000	100 U	50 U
	DAC_P1_WG092204_0001	Primary Sample	09/22/2004	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	62 U	120 U	82 J	120 U	120 U	620 U	120 U	120 U	120 U	120 U	6200	250 U	120 U
	DAC_P1_WG092403_0001	Primary Sample	09/24/2003	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	120 J	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	12000	500 U	250 U
	DAC-P1_030496DUP	Field Duplicate	03/04/1996		100 U			200 U		100 U	100 U			100 U	100 U		100 U	100 U				100 U	200 U
	DAC-P1_040899	Primary Sample	04/08/1999	50 U	50 U	50 U	50 U		50 U	50 U	50 U	50 U	69	50 U	50 U		250 U	50 U	50 U	50 U	14000	50 U	100 U
	DAC-P1_050997	Primary Sample	05/09/1997	250 U	250 U	250 U	250 U	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	15000	250 U	250 U
	DAC-P1_060796DUP	Field Duplicate	06/07/1996	45	25 U	25 U	180	50 U	25 U	25 U	25 U	29	95	25 U	25 U	50 U	25 U	25 U	490	25 U	12000	25 U	25 U
	DAC-P1_062392	Primary Sample	06/23/1992	1 U	9	1 U	4	5 U	5	1 U	4	54	71	1 U	1 U	5 U	4	13	1 U	1	28000	1	1 U
	DAC-P1_062392DUP	Field Duplicate	06/23/1992	0.5 U	9	1 U	4	5 U	5	1 U	4	51	70	1 U	1 U	5 U	4	13	1 U	2	28000	1	1 U
	DAC-P1_062600	Primary Sample	06/26/2000	50 U	50 U	50 U	50 U		50 U	50 U	50 U	50 U	79	50 U	50 U			50 U	50 U	50 U	14000	50 U	100 U
	DAC-P1_070897	Primary Sample	07/08/1997	250 U	250 U	250 U	250 U	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	450	250 U	13000	250 U	250 U
	DAC-P1_071699	Primary Sample	07/16/1999	125 U	125 U	125 U	125 U		125 U	125 U	125 U	125 U	125 U	125 U	125 U		670	125 U	125 U	125 U	18000	125 U	250 U
	DAC-P1_072497	Primary Sample	07/24/1997	50 U	50 U	50 U	50 U	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	110	50 U	3200	50 U	50 U
	DAC-P1_080697	Primary Sample	08/06/1997	250 U	250 U	250 U	250 U	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	460	250 U	15000	250 U	250 U
	DAC-P1_082297	Primary Sample	08/22/1997	250 U	250 U	250 U	470	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	1300	250 U	17000	250 U	250 U
	DAC-P1_082593	Primary Sample	08/25/1993	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	4000 U	400 U	200 U	300	200 U	27000	200 U	200 U
	DAC-P1_090597	Primary Sample	09/05/1997	250 U	250 U	250 U	270	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	810	250 U	15000	250 U	250 U
	DAC-P1_091897	Primary Sample	09/18/1997	250 U	250 U	250 U	250 U	2900	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	540	250 U	14000	250 U	250 U
	DAC-P1_W_022494	Primary Sample	02/24/1994	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	47	89		20 U	400 U	20 U	20 U	20 U	20 U	20000	20 U	20 U
	DAC-P1_W_030496	Primary Sample	03/04/1996	100 U	100 U	100 U	100	200 U	100 U	100 U	100 U	100 U	100	100 U	100 U	200 U	100 U	100 U	260	100 U	15000	100 U	100 U
	DAC-P1_W_031495	Primary Sample	03/14/1995	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U		200 U	4000 U	200 U	200 U	200 U	200 U	21000	200 U	200 U
	DAC-P1_W_031893	Primary Sample	03/18/1993	44	5	2 U	21	10 U	5	5 U	5 U	44	68		2 U	10 U	10 U	10	260	2	21000	5 U	2 U
	DAC-P1_W_060796	Primary Sample	06/07/1996	50 U	50 U	50 U	190	100 U	50 U	50 U	50 U	50 U	95	50 U	50 U	100 U	50 U	50 U	490	50 U	13000	50 U	50 U
	DAC-P1_W_060893	Primary Sample	06/08/1993	100 U	200 U	100 U	20 U	2000 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	2000 U	100 U	100 U	130	100 U	28000	100 U	100 U
	DAC-P1_W_061394	Primary Sample	06/13/1994	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	46	92		20 U	400 U	20 U	20 U	20 U	20 U	20000	20 U	20 U
	DAC-P1_W_061395	Primary Sample	06/13/1995	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	4000 U	200 U	200 U	200 U	200 U	18000	200 U	200 U
	DAC-P1_W_061792	Primary Sample	06/17/1992	5 U		5 U	5 U	30 U	5 U			10	13			10 U			5 U	5 U	21000		
	DAC-P1_W_090795	Primary Sample	09/07/1995	5 U	5 U	5 U	12	10 U	5 U	5 U	5 U	33	89	5 U	5 U	10 U	5 U	17	53	5 U	13000	5 U	5 U
	DAC-P1_W_090994	Primary Sample	09/09/1994	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U		200 U	4000 U	200 U	200 U	200 U	200 U	18000	200 U	200 U
	DAC-P1_W_091996	Primary Sample	09/19/1996	250 U	250 U	250 U	350	2500 U	250 U	1200 U	250 U	250 U	250 U		250 U	2500 U	250 U	250 U	740	250 U	15000	250 U	250 U
	DAC-P1_W_092392	Primary Sample	09/23/1992	1 U	9	4	4	5 U	5	1 U	4	54	71		1 U	5 U	4	13	5 U	1	28000	1 U	1 U
	DAC-P1_W_100989	Primary Sample	10/09/1989	200 U		200 U	200 U	1000 U				200 U	200 U			1000 U			200 U	200 U	17000		
	DAC-P1_W_111993	Primary Sample	11/19/1993	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	52	81		20 U	400 U	20 U	20 U	20 U	20 U	24000	20 U	20 U
	DAC-P1_W_120992	Primary Sample	12/09/1992	500 U	500 U	500 U	500 U	3000 U	500 U	500 U	500 U	500 U	500 U		500 U	3000 U	2000	500 U	500 U	500 U	29000	500 U	500 U
	DAC-P1_W_121695	Primary Sample	12/16/1995	38	4	2	120	2 U	5	2 U	2 U	45	130	2 U	2 U		2 U	11	680	5	20000	2 U	4 U
	DAC-P1_W_121996	Primary Sample	12/19/1996	500 U	500 U	500 U	500 U	5000 U	500 U	2500 U	500 U	500 U	500 U		500 U	5000 U	500 U	500 U	610	500 U	15000	500 U	500 U
	DAC-P1_W_122294	Primary Sample	12/22/1994	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U		200 U	4000 U	200 U	200 U	200 U	200 U	11000	200 U	200 U
	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	12 U	12 U	12 U	12 U	120 U	12 U	12 U	6.2 U	12 U	110	12 U	12 U	62 U	12 U	12 U	12 U	12 U	690	25 U	12 U

BOE-C6-0067811

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
MW0005	MW0005_WG032504_0001	Primary Sample	03/25/2004	50 U	29 J	52	2300	500 U	50 U	50 U	25 U	50 U	150	50 U	50 U	250 U	50 U	50 U	50 U	68	2500	100 U	50 U
	MW0005_WG092404_0001	Primary Sample	09/24/2004	50 U	43 J	68	4500	500 U	50 U	50 U	25 U	18 J	240	50 U	50 U	250 U	50 U	50 U	50 U	98	3100	100 U	50 U
	MW0005_WG092404_0002	Field Duplicate	09/24/2004	50 U	43 J	58	3800	500 U	50 U	50 U	25 U	16 J	200	50 U	50 U	250 U	50 U	50 U	50 U	84	2600	100 U	50 U
MWB012	MWB012_HG050604_0001	Primary Sample	05/06/2004	25 U	25 U	25 U	7.6 J	250 U	25 U	25 U	12 U	9.5 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1000	50 U	25 U
	MWB012_HG050604_0002	Field Duplicate	05/06/2004	25 U	25 U	25 U	7.6 J	250 U	25 U	25 U	12 U	7.6 J	25 U	25 U	25 U	120 U	25 U	7.6 J	25 U	25 U	1100	50 U	25 U
	MWB012_WG071604_0001	Primary Sample	07/16/2004	10 U	10 U	10 U	4 J	100 U	10 U	10 U	5 U	3.7 J	10 U	10 U	10 U	50 U	10 U	5.6 J	10 U	10 U	510	20 U	10 U
	MWB012_WG092204_0001	Primary Sample	09/22/2004	25 U	25 U	25 U	15 J	250 U	25 U	25 U	12 U	29	15 J	25 U	25 U	120 U	25 U	12 J	25 U	25 U	1400	50 U	25 U
MWB013	MWB013_WG050704_0001	Primary Sample	05/07/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.59 J	1 U	1 U	0.43 J	5 U	1 U	1 U	1 U	1 U	3.4	2 U	2
	MWB013_WG050704_0002	Field Duplicate	05/07/2004	1 U	1 U	1 U	0.36 J	10 U	1 U	1 U	0.5 U	0.62 J	1 U	1 U	0.33 J	5 U	1 U	1 U	1 U	1 U	3.4	2 U	1.5
	MWB013_WG071504_0001	Primary Sample	07/15/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.53 J	1 U	1 U	0.23 J	5 U	1 U	1 U	1 U	1 U	2.6	2 U	1.2
	MWB013_WG071504_0002	Field Duplicate	07/15/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.44 J	1 U	1 U	0.41 J	5 U	1 U	1 U	1 U	1 U	1.8	2 U	2.3
	MWB013_WG092004_0001	Primary Sample	09/20/2004	1 U	1 U	1 U	0.59 J	10 U	1 U	1 U	0.5 U	0.65 J	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	4.2	2 U	1 U
MWB014	MWB014_WG050704_0001	Primary Sample	05/07/2004	10 U	10 U	10 U	20	100 U	10 U	10 U	5 U	630	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	220	20 U	10 U
	MWB014_WG050704_0002	Field Duplicate	05/07/2004	10 U	10 U	10 U	15	100 U	10 U	10 U	5 U	540	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	180	20 U	10 U
	MWB014_WG071504_0001	Primary Sample	07/15/2004	10 U	10 U	10 U	19	100 U	10 U	10 U	5 U	300	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	34	20 U	10 U
	MWB014_WG092204_0001	Primary Sample	09/22/2004	5 U	5 U	5 U	21	50 U	5 U	5 U	2.5 U	440	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	99	10 U	5 U
MWB019	MWB019_WG050704_0001	Primary Sample	05/07/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	2100	50 U	50 U	50 U	250 U	50 U	120	50 U	50 U	120	100 U	50 U
	MWB019_WG050704_0002	Field Duplicate	05/07/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25	4100	50 U	50 U	50 U	250 U	50 U	240	29 J	50 U	230	100 U	50 U
	MWB019_WG071504_0001	Primary Sample	07/15/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	2000	50 U	50 U	50 U	250 U	50 U	110	50 U	50 U	120	100 U	50 U
	MWB019_WG092104_0001	Primary Sample	09/21/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	2300	50 U	50 U	50 U	250 U	50 U	150	50 U	50 U	110	100 U	50 U
MWC015	MWC015_HG050604_0001	Primary Sample	05/06/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1600	50 U	25 U
	MWC015_WG071604_0001	Primary Sample	07/16/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	1400	100 U	50 U
	MWC015_WG092304_0001	Primary Sample	09/23/2004	33 U	33 U	33 U	33 U	330 U	33 U	33 U	17 U	33 U	15 J	33 U	33 U	170 U	33 U	33 U	33 U	33 U	1400	67 U	33 U
MWC016	MWC016_HG050604_0001	Primary Sample	05/06/2004	10 U	10 U	10 U	3.3 J	100 U	10 U	10 U	5 U	6 J	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	660	20 U	10 U
	MWC016_HG050604_0002	Field Duplicate	05/06/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	7.6 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	760	50 U	25 U
	MWC016_WG071604_0001	Primary Sample	07/16/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	9 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	980	50 U	25 U
	MWC016_WG092304_0001	Primary Sample	09/23/2004	25 U	25 U	25 U	11 J	250 U	25 U	25 U	12 U	10 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1200	50 U	25 U
MWC017	MWC017_WG050704_0001	Primary Sample	05/07/2004	25 U	25 U	25 U	80	250 U	25 U	25 U	12 U	68	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	910	50 U	25 U
	MWC017_WG050704_0002	Field Duplicate	05/07/2004	25 U	25 U	25 U	86	250 U	25 U	25 U	12 U	68	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	990	50 U	25 U
	MWC017_WG071604_0001	Primary Sample	07/16/2004	5 U	5 U	5 U	12	50 U	5 U	5 U	2.5 U	16	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	120	10 U	5 U
	MWC017_WG092204_0001	Primary Sample	09/22/2004	25 U	25 U	25 U	130	250 U	25 U	25 U	12 U	80	7.9 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	910	50 U	25 U
	MWC017_WG092204_0002	Field Duplicate	09/22/2004	25 U	25 U	25 U	130	250 U	25 U	25 U	12 U	67	11 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	900	50 U	25 U
MWC021	MWC021_WG050704_0001	Primary Sample	05/07/2004	1 U	1 U	0.22 J	0.84 J	10 U	1 U	1 U	0.5 U	1 U	2.3	1 U	0.54 J	5 U	1 U	1 U	1 U	1 U	6.5	2 U	2.9
	MWC021_WG050704_0002	Field Duplicate	05/07/2004	1 U	1 U	0.3 J	2.6	10 U	1 U	1 U	0.5 U	1 U	2.1	1 U	0.34 J	5 U	1 U	1 U	1 U	1 U	11	2 U	1.8
	MWC021_WG071504_0001	Primary Sample	07/15/2004	1 U	1 U	0.37 J	0.69 J	10 U	1 U	1 U	0.5 U	0.31 J	3.1	1 U	1 U	5 U	1 U	1 U	1 U	1 U	8.1	2 U	1 U
	MWC021_WG092104_0001	Primary Sample	09/21/2004	1 U	1 U	0.37 J	0.81 J	10 U	1 U	1 U	0.5 U	0.3 J	3.2	1 U	1 U	5 U	1 U	0.34 J	1 U	1 U	9.1	2 U	1 U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	25 U	25 U	25 U	74	250 U	25 U	25 U	12 U	25 U	8.1 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	840	28 J	25 U
	TMW_01_WG092304_0001	Primary Sample	09/23/2004	8.3 U	8.3 U	8.3 U	170	83 U	8.3 U	8.3 U	4.2 U	3.4 J	8.3 U	8.3 U	8.3 U	42 U	8.3 U	3.7 J	8.3 U	8.3 U	370	15 J	8.3 U
	TMW_1_032502_1500	Primary Sample	03/25/2002	12 U	12 U	12 U	24	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	12 U	12	12 U	460	18 J	12 U
	TMW_1_07182001_1012	Primary Sample	07/18/2001	1 U	1 U	0.29 J	240	10 U	1 U	1 U	0.5 U	3.2	0.32 J	1 U	1 U	5 U	0.66 J	2	14	0.49 J	360	14	1 U
	TMW_1_W_012901	Primary Sample	01/29/2001	5 U	5 U	5 U	140	50 U	5 U	5 U	2.5 U	4.3 J	5 U	5 U	5 U	25 U	5 U	5 U	5.3	5 U	380	26	5 U
	TMW_1_WG032703_0001	Primary Sample	03/27/2003	25 U	25 U	25 U	100	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	860	32 J	25 U
	TMW_1_WG091802_0001	Primary Sample	09/18/2002	2 U	2 U	2 U	170	20 U	2 U	2 U	1 U	4.2	2 U	2 U	2 U	10 U	2 U	3	2 U	2 U	540	22	2 U
	TMW_1_WG091802_0002	Field Duplicate	09/18/2002	2 U	2 U	2 U	190	20 U	2 U	2 U	1 U	3.6	2 U	2 U	2 U	10 U	2 U	3.4	2 U	2 U	520	25	2 U
	TMW_1_WG092403_0001	Primary Sample	09/24/2003	25 U	25 U	25 U	180	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1100	36 J	25 U
	TMW-001_012901	Primary Sample	01/29/2001	5 U	5 U	5 U	140	50 U	5 U	5 U	2.5 U	4.3	5 U		5 U		5 U	5 U	5.3	5 U	380	26	5 U
	TMW-001_030599	Primary Sample	03/05/1999	1.3	1.25 U	1.25 U	330		1.25 U	1.25 U	1.25 U	4.7	1.25 U	1.25 U	1.25 U		6.25 U	1.25 U	1.25 U	1.25 U	320	18	2.5 U
	TMW-001_062300	Primary Sample	06/23/2000	2.5 U	2.5 U	2.5 U	340		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U		13 U	2.5 U	2.5 U	2.5 U	350	19	5 U
	TMW-001_071598	Primary Sample	07/15/1998	12	5 U	5 U	900		5 U	5 U	5 U	7.1	5 U	5 U	5 U		25 U	5 U	5 U	5 U	540	22	10 U
	TMW-001_071599	Primary Sample	07/15/1999	2.5 U	2.5 U	2.5 U	600		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	340	14	5 U
	TMW-001_092298	Primary Sample	09/22/1998	5.6	5 U	5 U	730		5 U	5 U	5 U	5.4	5 U	5 U	5 U		25 U	5 U	5 U	5 U	410	5 U	10 U
	TMW-001_101998	Primary Sample	10/19/1998	4	2.5 U	2.5 U	670		2.5 U	2.5 U	2.5 U	4.7	2.5 U	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	370	23	5 U

BOE-C6-0067812

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
TMW_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	500	500 U	1200	19000	1700 J	500 U	500 U	250 U	500 U	8400	500 U	500 U	2500 U	500 U	500 U	880	370 J	5500	1000 U	500 U
	TMW_02_WG032803_0001	Primary Sample	03/28/2003	1300	250 U	1500	23000	2500 U	250 U	250 U	120 U	110 J	4700	250 U	250 U	1200 U	250 U	250 U	710	380	14000	500 U	250 U
	TMW_02_WG092404_0001	Primary Sample	09/24/2004	200 J	620 U	1400	22000	31000	620 U	620 U	310 U	620 U	14000	620 U	620 U	170000	620 U	620 U	5900	560 J	910	1200 U	620 U
	TMW_2_032602_1835	Primary Sample	03/26/2002	650	250 U	1200	20000	2500 U	250 U	250 U	120 U	110 J	7800	250 U	250 U	1200 U	250 U	250 U	1700	420	11000	500 U	250 U
	TMW_2_07182001_1011	Primary Sample	07/18/2001	1100	53 J	1400	30000	1000 U	56 J	100 U	50 U	170	4300	100 U	100 U	75000	34 J	100 U	2800	590	20000	200 U	100 U
	TMW_2_W_020301	Primary Sample	02/03/2001	960	250 U	1400	24000	2500 U	250 U	250 U	120 U	170 J	1000	250 U	250 U	18000	51 J	250 U	960	510	21000	500 U	250 U
	TMW_2_WG091902_0001	Primary Sample	09/19/2002	1400	61 J	2200	27000	1000 U	66 J	100 U	50 U	240	14000	100 U	100 U	140000	38 J	100 U	5200	770	8400	200 U	100 U
	TMW_2_WG092403_0001	Primary Sample	09/24/2003	600	500 U	1400	24000	12000	500 U	500 U	250 U	500 U	10000	500 U	500 U	70000	500 U	500 U	2500	450 J	7900	1000 U	500 U
	TMW-002_020301	Primary Sample	02/03/2001	960	250 U	1400	24000	250 U	250 U	250 U	120 U	170	1000		250 U		51 J	250 U	960	510	21000	500 U	250 U
	TMW-002_030699	Primary Sample	03/06/1999	4300	125 U	1600	39000		125 U	125 U	125 U	250	660	125 U	125 U		625 U	125 U	125 U	600	36000	125 U	250 U
	TMW-002_062600	Primary Sample	06/26/2000	1900	100 U	1400	28000		100 U	100 U	100 U	230	850		100 U		500 U	100 U	480	580	28000	100 U	200 U
	TMW-002_071598	Primary Sample	07/15/1998	6900	250 U	250 U	36000		250 U	250 U	250 U	350	710	250 U	250 U		1250 U	250 U	250 U	630	34000	250 U	500 U
	TMW-002_071699	Primary Sample	07/16/1999	2700	125 U	1900	43000		125 U	125 U	125 U	280	1000	125 U	125 U		670	125 U	125 U	930	32000	125 U	250 U
	TMW-002_092398	Primary Sample	09/23/1998	5600	250 U	1500	34000		250 U	250 U	250 U	290	770	250 U	250 U		1250 U	250 U	250 U	650	31000	250 U	500 U
	TMW-002_102098	Primary Sample	10/20/1998	5100	125 U	1600	33000		125 U	125 U	125 U	270	810	125 U	125 U		625 U	125 U	125 U	700	32000	125 U	250 U
TMW_03	TMW_3_032602_1745	Primary Sample	03/26/2002	50 U	50 U	15 J	140	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	4000	100 U	50 U
	TMW_3_07192001_1015	Primary Sample	07/19/2001	50 U	24 J	22 J	350	500 U	50 U	50 U	25 U	50 U	42 J	50 U	50 U	250 U	50 U	50 U	20 J	50 U	8800	100 U	50 U
	TMW_3_W_012901	Primary Sample	01/29/2001	50 U	50 U	50 U	76	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	20 J	50 U	2200	100 U	50 U
	TMW_3_WG091902_0001	Primary Sample	09/19/2002	8.5 J	10	19	160	100 U	10 U	10 U	5 U	9.9 J	30	10 U	10 U	50 U	10 U	10 U	10 U	10 U	4500	20 U	10 U
	TMW-003_012901	Primary Sample	01/29/2001	50 U	50 U	50 U	76	500 U	50 U	50 U	25 U	50 U	50 U		50 U		50 U	50 U	20 J	50 U	2200	100 U	50 U
	TMW-003_030599	Primary Sample	03/05/1999	50 U	50 U	50 U	210		50 U	50 U	50 U	50 U	50 U	50 U	50 U		250 U	50 U	50 U	50 U	6200	50 U	100 U
	TMW-003_062200	Primary Sample	06/22/2000	10 U	10 U	10 U	96		10 U	10 U	10 U	10 U	12		10 U		50 U	10 U	10 U	10 U	3500	10 U	20 U
	TMW-003_071599	Primary Sample	07/15/1999	50 U	50 U	50 U	340		50 U	50 U	50 U	50 U	50 U	50 U	50 U		250 U	50 U	50 U	50 U	7800	50 U	100 U
	TMW-003_073198	Primary Sample	07/31/1998	50 U	50 U	50 U	200		50 U	50 U	50 U	50 U	50 U	50 U	50 U		250 U	50 U	50 U	50 U	8100	50 U	100 U
	TMW-003_092298	Primary Sample	09/22/1998	100 U	100 U	100 U	150		100 U	100 U	100 U	100 U	100 U	100 U	100 U		500 U	100 U	100 U	100 U	12000	100 U	200 U
	TMW-003_102098	Primary Sample	10/20/1998	50 U	50 U	50 U	330		50 U	50 U	50 U	50 U	50 U	50 U	50 U		250 U	50 U	50 U	50 U	9900	50 U	100 U
TMW_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	25 U	25 U	15 J	530	250 U	25 U	25 U	12 U	11 J	33	25 U	25 U	120 U	25 U	25 U	25 U	17 J	1500	50 U	25 U
	TMW_04_WG092304_0001	Primary Sample	09/23/2004	50 U	50 U	21 J	1200	500 U	50 U	50 U	25 U	50 U	48 J	50 U	50 U	250 U	50 U	50 U	50 U	26 J	1700	100 U	50 U
	TMW_4_07172001_0002	Field Equipment Bla	07/17/2001	1 U	1 U	1 U	1 U	5.9 J	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	6	1 U	1 U	1.4	1 U	1 U	2 U	0.87 J
	TMW_4_07172001_1007	Primary Sample	07/17/2001	5 U	6.1	12	850	50 U	5 U	5 U	2.5 U	12	22	5 U	5 U	25 U	1.6 J	5 U	4.9 J	15	1800	10 U	5 U
	TMW_4_D_012901	Primary Sample	01/29/2001	50 U	50 U	20 J	1200	500 U	50 U	50 U	25 U	15 J	31 J	50 U	50 U	250 U	50 U	50 U	15 J	23 J	2000	100 U	50 U
	TMW_4_W_012901	Primary Sample	01/29/2001	50 U	50 U	19 J	1100	500 U	50 U	50 U	25 U	14 J	29 J	50 U	50 U	250 U	50 U	50 U	50 U	21 J	2000	100 U	50 U
	TMW_4_WG032703_0001	Primary Sample	03/27/2003	25 U	9.8 J	25	1200	250 U	25 U	25 U	12 U	10 J	44	25 U	25 U	120 U	25 U	25 U	25 U	31	2000	50 U	25 U
	TMW_4_WG091802_0001	Primary Sample	09/18/2002	5 U	4.4 J	12	660	50 U	5 U	5 U	2.5 U	11	18	5 U	5 U	25 U	5 U	5 U	5 U	13	1700	10 U	5 U
	TMW_4_WG092403_0001	Primary Sample	09/24/2003	50 U	50 U	23 J	1400	500 U	50 U	50 U	25 U	50 U	48 J	50 U	50 U	250 U	50 U	50 U	50 U	32 J	2200	100 U	50 U
	TMW-004_012901	Primary Sample	01/29/2001	50 U	50 U	19 J	1100	500 U	50 U	50 U	25 U	14	29 J		50 U		50 U	50 U	50 U	21 J	2000	100 U	50 U
	TMW-004_030499	Primary Sample	03/04/1999	50 U	50 U	50 U	2000		50 U	50 U	50 U	50 U	64	50 U	50 U		250 U	50 U	50 U	54	2900	50 U	100 U
	TMW-004_062200	Primary Sample	06/22/2000	5 U	5 U	22	890		5 U	5 U	5 U	17	39		5 U		25 U	5 U	5 U	27	1700	5 U	10
	TMW-004_071498	Primary Sample	07/14/1998	25 U	43	55	1500		25 U	25 U	25 U	25 U	110	25 U	25 U		125 U	25 U	25 U	66	2300	25 U	50 U
	TMW-004_071599	Primary Sample	07/15/1999	10	10	42	2500		10 U	10 U	10 U	30	77	10 U	10 U		75	10 U	10 U	64	2500	10 U	20 U
	TMW-004_092298	Primary Sample	09/22/1998	19	28	47	1800		10 U	10 U	10 U	21	83	10 U	10 U		50 U	10 U	10 U	58	2600	10 U	20 U
	TMW-004_102098	Primary Sample	10/20/1998	22	29	56	2400		10	50 U	10 U	20	98	10 U	10 U		50 U	10 U	10 U	73	2900	10 U	20 U
	TMW4_TAIT032602_0001	Primary Sample	03/26/2002	25 U	25 U	18 J	720	250 U	25 U	25 U	12 U	11 J	36	25 U	25 U	120 U	25 U	25 U	25 U	21 J	1900	50 U	25 U
	TMW4_TAIT032602_0002	Field Duplicate	03/26/2002	25 U	25 U	16 J	760	250 U	25 U	25 U	12 U	11 J	32	25 U	25 U	120 U	25 U	25 U	25 U	21 J	1900	50 U	25 U
TMW_05	TMW_05_WG032803_0001	Primary Sample	03/28/2003	100 U	100 U	100 U	610	1000 U	100 U	100 U	50 U	100 U	41 J	100 U	100 U	500 U	100 U	100 U	100 U	100 U	4300	200 U	100 U
	TMW_5_032602_1712	Primary Sample	03/26/2002	50 U	50 U	50 U	250	500 U	50 U	50 U	25 U	20 J	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	3900	100 U	50 U
	TMW_5_07172001_1005	Primary Sample	07/17/2001	10 U	13	5.8 J	630	100 U	10 U	10 U	5 U	19	7 J	10 U	10 U	50 U	10 U	10 U	20	10 U	4700	20 U	10 U
	TMW_5_W_012301	Primary Sample	01/23/2001	50 U	50 U	50 U	460	500 U	50 U	50 U	25 U	15 J	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	2900	100 U	50 U
	TMW_5_WG091802_0001	Primary Sample	09/18/2002	25 U	25	9.5 J	640	250 U	25 U	25 U	12 U	25	32	25 U	25 U	120 U	25 U	25 U	25 U	25 U	8800	50 U	25 U
	TMW-005_012301	Primary Sample	01/23/2001	50 U	50 U	50 U	460	500 U	50 U	50 U	25 U	15	50 U		50 U		50 U	50 U	50 U	50 U	2900	100 U	50 U
	TMW-005_030499	Primary Sample	03/04/1999	50 U	50 U	50 U	500		50 U	50 U	50 U	4500	50 U	50 U	50 U		250 U	50 U	50 U	50 U	50 U	50 U	100 U
	TMW-005_062200	Primary Sample	06/22/2000	13 U	13 U	13 U	650		13 U	13 U	13 U	13 U	13 U		13 U		63 U	13 U	13 U	13 U	4100	13 U	25 U
	TMW-005_071498	Primary Sample	07/14/1998	25 U	25 U	25 U	460		25 U	0.25	25 U	25 U	25 U	25 U	25 U		125 U	25 U	25 U	25 U	3700	25 U	50 U
	TMW-005_071499	Primary Sample	07/14/1999	50 U		50 U	710		50 U			50 U	50 U						50 U	50 U	4300		
	TMW-005_071599	Primary Sample	07/15/1999	2.5 U	2.5 U	2.5 U	9		2.5 U	2.5 U	2.5 U	560	2.5 U	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	130	2.5 U	2.5 U
	TMW-005_092298	Primary Sample	09/22/1998	12.5 U	12.5 U	12.5 U	470		12.5 U	12.5 U	12.5 U	24	12.5 U	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	12.5 U	3500	12.5 U	25 U
	TMW-005_101998	Primary Sample	10/19/1998	25 U	25 U	25 U	530		25 U	25 U	25 U	28	25 U	25 U	25 U		125 U	25 U	25 U	25 U	5000	25 U	50 U
TMW_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	2.5 U	2.5 U	0.64 J	8.4	25 U	2.5 U	2.5 U	1.2 U	130	1.5 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	160	5 U	2.5 U
	TMW_06_WG092204_0001	Primary Sample	09/22/2004	2.5 U	2.5 U	2.5 U	7	25 U	2.5 U	2.5 U	1.2 U	130	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	62	5 U	2.5 U
	TMW_6_032602_1105	Primary Sample	03/26/2002	2 U	2 U	2 U	6.3	20 U	2 U	2 U	1 U	130	1.6 J	2 U	2 U	10 U	2 U	2 U	2 U	2 U	160	4 U	2 U
	TMW_6_07172001_1006	Primary Sample	07/17/2001	1 U	1 U	0.23 J	4.1	10 U	1 U	1 U	0.5 U	250	1 U	1 U	1 U	5 U	1 U	1 U	15	1 U	55	2 U	1 U
	TMW_6_W_012901	Primary Sample	01/29/2001	5 U	5 U	5 U	7	50 U	5 U	5 U	2.5 U	270	5 U	5 U	5 U	25 U	5 U	5 U	14	5 U	81	10 U	5 U
	TMW_6_WG032603_0001	Primary Sample	03/26/2003	5 U	5 U	5 U	6	50 U	5 U	5 U	2.5 U	170	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	67	10 U	5 U
	TMW_6_WG091802_0001	Primary Sample	09/18/2002	1 U	1 U	0.38 J	3.4	10 U	1 U	1 U	0.5 U	180	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	53	2 U	1 U
	TMW_6_WG092403_0001	Primary Sample	09/24/2003	5 U	5 U	5 U	6.2	50 U	5 U	5 U	2.5 U	180	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	80	10 U	5 U
	TMW-0006_012901	Primary Sample	01/29/2001	5 U	5 U	5 U	7	50 U	5 U	5 U	2.5 U	270	5 U		5 U		5 U	5 U	14	5 U	81	10 U	5 U
	TMW-0006_030499	Primary Sample	03/04/1999	2.5 U	2.5 U	2.5 U	8		2.5 U	2.5 U	2.5 U	630	2.5 U	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	170	2.5 U	5 U
	TMW-0006_062200	Primary Sample	06/22/2000	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	100	2.5 U		2.5 U		13	2.5 U	2.5 U	2.5 U	540	2.5 U	5.1 U
	TMW-0006_071498	Primary Sample	07/14/1998	2.5 U	2.5 U	2.5 U	26		2.5 U	2.5 U	2.5 U	550	3.4	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	490	2.5 U	5 U
	TMW-0006_092298	Primary Sample	09/22/1998	2.5 U	2.5 U	2.5 U	11		2.5 U	2.5 U	2.5 U	630	2.5 U	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	240	2.5 U	5 U
	TMW-0006_101998	Primary Sample	10/19/1998	2.5 U	2.5 U	2.5 U	11		2.5 U	2.5 U	2.5 U	500	2.5 U	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	2.5 U	210	2.5 U	5 U

BOE-C6-0067813

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	25 U	25 U	25 U	360	250 U	25 U	25 U	12 U	25 U	11 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1300	50 U	25 U
	TMW_07_WG092304_0001	Primary Sample	09/23/2004	25 U	25 U	25 U	54	250 U	25 U	25 U	12 U	25 U	8.9 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1200	50 U	25 U
	TMW_7_032602_1441	Primary Sample	03/26/2002	25 U	25 U	7.5 J	200	250 U	25 U	25 U	12 U	25 U	21 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1600	50 U	25 U
	TMW_7_07182001_1009	Primary Sample	07/18/2001	5 U	4.8 J	10	560	50 U	5 U	5 U	2.5 U	4.3 J	21	5 U	5 U	25 U	5 U	5 U	5.6	12	1800	10 U	5 U
	TMW_7_W_012201	Primary Sample	01/22/2001	25 U	25 U	14 J	640	250 U	25 U	25 U	12 U	5.5 J	26	25 U	25 U	120 U	25 U	25 U	17 J	17 J	1700	50 U	25 U
	TMW_7_WG032703_0001	Primary Sample	03/27/2003	25 U	25 U	9.7 J	560	250 U	25 U	25 U	12 U	25 U	18 J	25 U	25 U	120 U	25 U	25 U	25 U	13 J	1700	50 U	25 U
	TMW_7_WG091802_0001	Primary Sample	09/18/2002	5 U	2.6 J	7.7	390	50 U	5 U	5 U	2.5 U	4 J	12	5 U	5 U	25 U	5 U	5 U	5 U	8.5	1900	10 U	5 U
	TMW_7_WG092403_0001	Primary Sample	09/24/2003	50 U	50 U	50 U	520	500 U	50 U	50 U	25 U	50 U	15 J	50 U	50 U	250 U	50 U	50 U	50 U	50 U	1700	100 U	50 U
	TMW_7_WG092403_0002	Field Duplicate	09/24/2003	50 U	50 U	50 U	530	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	1700	100 U	50 U
	TMW-007_012201	Primary Sample	01/22/2001	25 U	25 U	14 J	640	250 U	25 U	25 U	12 U	5.5	26		25 U		25 U	25 U	17 J	17 J	1700	50 U	25 U
	TMW-007_030599	Primary Sample	03/05/1999	12.5 U	14	41	2200		16	12.5 U	12.5 U	13	75	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	54	2900	12.5 U	25 U
	TMW-007_062300	Primary Sample	06/23/2000	10 U	10 U	10 U	850		10 U	10 U	10 U	10 U	34		10 U		50 U	10 U	10 U	24	2000	10 U	20 U
	TMW-007_071498	Primary Sample	07/14/1998	20	29	73	3000		40	12.5 U	12.5 U	26	120	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	83	3500	12.5 U	25 U
	TMW-007_071599	Primary Sample	07/15/1999	12.5 U	12.5 U	36	2100		13	12.5 U	12.5 U	13	69	12.5 U	12.5 U		110	12.5 U	12.5 U	57	2500	12.5 U	25 U
	TMW-007_092298	Primary Sample	09/22/1998	12.5 U	17	36	1700		19	12.5 U	12.5 U	13	70	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	48	2700	12.5 U	25 U
	TMW-007_102098	Primary Sample	10/20/1998	10 U	17	44	2400		23	10 U	10 U	14	89	10 U	10 U		50 U	10 U	10 U	65	3000	10 U	20
TMW_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	50 U	50 U	42 J	50 U	500 U	16 J	50 U	25 U	50 U	340	50 U	50 U	250 U	50 U	50 U	50 U	54	2100	100 U	50 U
	TMW_08_WG032803_0001	Primary Sample	03/28/2003	50 U	50 U	62	3800	500 U	27 J	50 U	25 U	50 U	94	50 U	50 U	250 U	50 U	50 U	50 U	76	3700	100 U	50 U
	TMW_8_032602_1630	Primary Sample	03/26/2002	50 U	50 U	42 J	3100	500 U	17 J	50 U	25 U	50 U	72	50 U	50 U	250 U	50 U	50 U	50 U	55	3600	100 U	50 U
	TMW_8_07182001_1010	Primary Sample	07/18/2001	10 U	6.8 J	35	2200	100 U	13	10 U	5 U	6.4 J	78	10 U	10 U	50 U	10 U	10 U	26	50	2500	20 U	10 U
	TMW_8_W_012501	Primary Sample	01/25/2001	50 U	50 U	39 J		500 U	50 U	50 U	25 U	50 U	63	50 U	50 U	250 U	50 U	50 U	18 J	51	2500	100 U	50 U
	TMW-008_012501	Primary Sample	01/25/2001	50 U	50 U	39 J	2189	500 U	50 U	50 U	25 U	50 U	63		50 U		50 U	50 U	18 J	51	2500	100 U	50 U
	TMW-008_030599	Primary Sample	03/05/1999	12.5 U	18	52	3800		38	12.5 U	12.5 U	21	93	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	71	3900	12.5 U	25 U
	TMW-008_062300	Primary Sample	06/23/2000	13 U	13	45	2300		23	13 U	13 U	13 U	81		13 U		63 U	13 U	13 U	56	2900	13 U	25 U
	TMW-008_071598	Primary Sample	07/15/1998	37	37	96	7000		62	25 U	25 U	38	140	25 U	25 U		125 U	25 U	25 U	120	5700	25 U	50 U
	TMW-008_071599	Primary Sample	07/15/1999	12.5 U	13	52	3500		27	12.5 U	12.5 U	16	92	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	74	3000	12.5 U	25 U
	TMW-008_092298	Primary Sample	09/22/1998	12.5 U	12.5 U	31	2000		23	12.5 U	12.5 U	14	54	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	40	2600	12.5 U	25 U
	TMW-008_102098	Primary Sample	10/20/1998	10 U	10 U	18	1300		13	10 U	10 U	10 U	32	10 U	10 U		50 U	10 U	10 U	25	2100	10 U	20 U
TMW_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	5 U	5 U	5 U	6.8	50 U	5 U	5 U	2.5 U	5.9	8	5 U	5 U	25 U	5 U	3.2 J	5 U	1.5 J	500	10 U	5 U
	TMW_9_032602_1220	Primary Sample	03/26/2002	5 U	5 U	5 U	35	50 U	5 U	5 U	2.5 U	5 U	9	5 U	5 U	25 U	5 U	5 U	5 U	5 U	260	10 U	5 U
	TMW_9_W_012901	Primary Sample	01/29/2001	12 U	12 U	12 U	170	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	12 U	19	12 U	850	25 U	12 U
	TMW_9_WG032603_0001	Primary Sample	03/26/2003	25 U	25 U	25 U	240	250 U	25 U	25 U	12 U	25 U	11 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	900	50 U	25 U
	TMW-009_012901	Primary Sample	01/29/2001	12 U	12 U	12 U	170	120 U	12 U	12 U	6.2 U	12 U	12 U		12 U		12 U	12 U	19	12 U	850	25 U	12 U
	TMW-009_030499	Primary Sample	03/04/1999	5 U	5 U	5 U	110		5 U	5 U	5 U	5 U	5 U	5 U	5 U		25 U	5 U	5 U	5 U	760	5 U	10 U
	TMW-009_062300	Primary Sample	06/23/2000	5 U	5 U	5 U	220		5 U	5 U	5 U	5 U	5 U		5 U		25 U	5 U	5 U	5 U	1000	5 U	10 U
	TMW-009_071498	Primary Sample	07/14/1998	1 U	1 U	1 U	24		1 U	1 U	1 U	2.9	1 U	1 U	1 U		5 U	2.1	1 U		290	1 U	2 U
	TMW-009_071499	Primary Sample	07/14/1999	5 U	5 U	5 U	290		5 U	5 U	5 U	5 U	5 U	5 U	5 U		25 U	5 U	5 U	5 U	1200	5 U	10 U
	TMW-009_092298	Primary Sample	09/22/1998	1 U	1 U	1 U	14		1 U	1 U	1 U	2	1 U	1 U	1 U		5 U	2.3	1 U	1 U	250	1 U	1 U
	TMW-009_101998	Primary Sample	10/19/1998	2.5 U	2.5 U	2.5 U	51		2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U		12.5 U	3.5	2.5 U	2.5 U	420	2.5 U	5 U
TMW_10	TMW_10_032102_1320	Primary Sample	03/21/2002	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	3	1 U	1 U	1 U	5 U	1 U	0.88 J	5.5	1 U	3.7	1.2 J	1 U
	TMW_10_07182001_0004	Field Trip/Travel Bla	07/18/2001	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1.4	1 U	1 U	2 U	0.96 J
	TMW_10_07182001_1008	Primary Sample	07/18/2001	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	2.3	1 U	1 U	1 U	5 U	0.96 J	0.83 J	1 U	1 U	3.6	1.1 J	1 U
	TMW_10_W_011901	Primary Sample	01/19/2001	12 U	12 U	12 U		120 U	12 U	12 U	6.2 U	3.3 J	12 U	12 U	12 U	62 U	12 U	12 U	13	12 U	850	25 U	12 U
	TMW_10_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	2.4	1 U	1 U	1 U	5 U	1 U	0.81 J	1 U	1 U	4.2	1.4 J	1 U
	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	2.7	1 U	1 U	1 U	5 U	1 U	0.91 J	1 U	1 U	4.8	1.7 J	1 U
	TMW_10_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	3.2	1 U	1 U	1 U	5 U	1 U	1	0.58 J	1 U	4.9	1.5 J	1 U
	TMW_10_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	2.9	1 U	1 U	1 U	5 U	1 U	0.82 J	2.2	1 U	3.8	1.5 J	1 U
	TMW_10_WG092104_0001	Primary Sample	09/21/2004	1 U	1 U	1 U	1 U	7.8 J	1 U	1 U	0.5 U	0.58 J	1 U	1 U	1 U	5 U	1 U	1.1	0.59 J	1 U	2.2	0.35 J	1 U
	TMW_10_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	2.6	1 U	1 U	1 U	5 U	1 U	0.85 J	1 U	1 U	4.3	1.2 J	1 U
	TMW-10_030399	Primary Sample	03/03/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	4.2	0.5 U	0.5 U	0.5 U		2.5 U	0.94	0.5 U	0.5 U	3.8	0.51	1 U
	TMW-10_062000	Primary Sample	06/20/2000	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	4.7	0.5 U	0.5 U	0.5 U		2.5 U	1	0.5 U	0.5 U	4.1	0.5 U	1 U
	TMW-10_071399	Primary Sample	07/13/1999	0.5 U	0.5 U	0.5 U	1		0.5 U	0.5 U	0.5 U	4.9	0.5 U	0.5 U	0.5 U		2.5 U	1.3	0.5 U	0.5 U	4.4	0.82	1 U
	TMW-10-W-05102001	Primary Sample	05/10/2001	1.7	1 U	1 U		5.7 J	1 U	1 U	0.5 U	2.7	1 U	0.22 J	1 U	5 U	61	0.94 J	1 U	1 U	3.6	1.2 J	1 U
TMW_11	TMW_11_032202_0915	Primary Sample	03/22/2002	5 U	5 U	5 U	5 U	50 U	5 U	5 U	3.3	340	5 U	5 U	5 U	25 U	5 U	5.7	5 U	5 U	7	10 U	5 U
	TMW_11_07172001_1001	Primary Sample	07/17/2001	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2	430	2 U	2 U	2 U	10 U	0.75 J	2.5	4.9	2 U	11	4 U	2 U
	TMW_11_W_012401	Primary Sample	01/24/2001	10 U	10 U	10 U	10 U	100 U	10 U	10 U	5 U	720	10 U	10 U	10 U	50 U	10 U	10 U	13	10 U	21	20 U	10 U
	TMW_11_WG032304_0001	Primary Sample	03/23/2004	10 U	10 U	10 U	10 U	100 U	10 U	10 U	3.2 J	380	10 U	10 U	10 U	50 U	10 U	4 J	10 U	10 U	9 J	20 U	10 U
	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	10 U	10 U	10 U	10 U	100 U	10 U	10 U	5 U	280	10 U	10 U	10 U	50 U	10 U	3.6 J	10 U	10 U	13	20 U	10 U
	TMW_11_WG032603_0001	Primary Sample	03/26/2003	10 U	10 U	10 U	10 U	53 J	10 U	10 U	3.4 J	390	10 U	10 U	10 U	50 U	10 U	5.8 J	10 U	10 U	7.1 J	20 U	10 U
	TMW_11_WG091702_0001	Primary Sample	09/17/2002	1 U	1 U	1 U	1 U	10 U	1 U	1 U	3.4	330	1 U	1 U	1 U	5 U	1 U	4.3	1 U	1 U	5.2	2 U	1 U
	TMW_11_WG092104_0001	Primary Sample	09/21/2004	5 U	5 U	5 U	5 U	50 U	5 U	5 U	2.5 U	270	5 U	5 U	5 U	25 U	5 U	3.9 J	5 U	5 U	5.3	10 U	5 U
	TMW_11_WG092303_0001	Primary Sample	09/23/2003	10 U	10 U	10 U	10 U	100 U	10 U	10 U	3.2 J	440	10 U	10 U	10 U	50 U	10 U	4.9 J	10 U	10 U	7.5 J	20 U	10 U
	TMW-11_030399	Primary Sample	03/03/1999	1.25 U	1.25 U	1.25 U	1.25 U		1.25 U	1.25 U	1.7	430	1.25 U	1.25 U	1.25 U		6.25 U	1.9	1.25 U	1.25 U	21	1.25 U	2.5 U
	TMW-11_062000	Primary Sample	06/20/2000	2.5 U	2.5 U	2.5 U	2.5 U		2.5 U	2.5 U	2.5 U	740	2.5 U		2.5 U		13 U	2.5 U	2.5 U	2.5 U	47	2.5 U	2.5 U
	TMW-11_071399	Primary Sample	07/13/1999	1.25 U	1.25 U	1.25 U	2		1.25 U	1.25 U	1.7	450	1.25 U	1.25 U	1.25 U		6.25 U	1.7	1.25 U	1.25 U	23	1.25 U	2.5 U

BOE-C6-0067814

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
TMW_12	TMW_12_032502_1355	Primary Sample	03/25/2002	20 U	20 U	20 U	14 J	200 U	20 U	20 U	10 U	1200	20 U	20 U	20 U	100 U	20 U	20 U	17 J	20 U	150	40 U	20 U
	TMW_12_07172001_1003	Primary Sample	07/17/2001	5 U	5 U	5 U	16	50 U	5 U	5 U	2.9	1400	5 U	5 U	5 U	25 U	5 U	12	6.7	5 U	170	10 U	5 U
	TMW_12_W_012201	Primary Sample	01/22/2001	25 U	25 U	25 U	18 J	250 U	25 U	25 U	12 U	1500	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	310	50 U	25 U
	TMW_12_WG091802_0001	Primary Sample	09/18/2002	5 U	5 U	5 U	17	50 U	5 U	5 U	4.5	1600	5 U	5 U	5 U	25 U	5 U	13	5 U	5 U	120	10 U	5 U
	TMW-12_030399	Primary Sample	03/03/1999	10 U	10 U	10 U	20		20 U	10 U	10 U	3100	10 U	10 U	10 U		50 U	15	10 U	10 U	700	10 U	20 U
	TMW-12_062100	Primary Sample	06/21/2000	10 U	10 U	10 U	25		10 U	10 U	10 U	2100	10 U		10 U		50 U	13	10 U	10 U	440	10 U	20 U
	TMW-12_071399	Primary Sample	07/13/1999	10 U	10 U	10 U	32		20 U	10 U	10 U	2800	10 U	10 U	10 U		50 U	10 U	10 U	10 U	760	10 U	20 U
TMW_13	TMW_13_032202_1335	Primary Sample	03/22/2002	1 U	1 U	1 U	0.31 J	10 U	1 U	1 U	1.2	8.7	1 U	1 U	1 U	5 U	0.31 J	3.2	1 U	1 U	74	2 U	1 U
	TMW_13_07172001_0004	Field Trip/Travel Bla	07/17/2001	1 U	1 U	1 U	1 U	6.5 J	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1.4	1 U	1 U	2 U	0.82 J
	TMW_13_07172001_1004	Primary Sample	07/17/2001	1 U	1 U	1 U	0.39	10 U	1 U	1 U	1.2	11	1 U	1 U	1 U	5 U	0.93 J	2	1 U	1 U	72	2 U	1 U
	TMW-13_030399	Primary Sample	03/03/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	4.6	31	0.5 U	0.5 U	0.5 U		2.5 U	5.8	0.5 U	0.5 U	120	0.5 U	1 U
	TMW-13_062100	Primary Sample	06/21/2000	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	3	14	0.5 U		0.5 U		2.5 U	2.9	0.5 U	0.5 U	97	0.5 U	1 U
	TMW-13_071399	Primary Sample	07/13/1999	0.5 U	0.5 U	0.5 U	1		0.5 U	0.5 U	4.5	29	0.5 U	0.5 U	0.5 U		2.5 U	5.6	0.5 U	0.5 U	116	0.5 U	1 U
	TMW-13-W-05102001	Primary Sample	05/10/2001	2.6	1 U	1 U		10 U	1 U	0.6 J	1.1	7.1	1 U	1 U	1 U	5 U	110 E	1.1	1 U	1 U	64	2 U	1 U
TMW_14	TMW_14_032202_0815	Primary Sample	03/22/2002	1 U	1 U	1 U	1 U	10 U	1 U	1 U	2	3.9	1 U	1 U	1 U	5 U	1 U	1.4	6.4	1 U	11	2 U	1 U
	TMW_14_07182001_0001	Primary Sample	07/18/2001	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U
	TMW_14_07182001_0002	Field Equipment Bla	07/18/2001	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1.4	1 U	1 U	2 U	1 U
	TMW_14_07182001_1013	Primary Sample	07/18/2001	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1.5	3.5	1 U	1 U	1 U	5 U	1.2	0.82 J	15	1 U	9.4	2 U	1 U
	TMW_14_W_012501	Primary Sample	01/25/2001	1 U	1 U	1 U		10 U	1 U	1 U	1.1	5.4	1 U	1 U	0.26 J	5 U	0.4 J	1 U	16	1 U	9.2	2 U	1.2
	TMW_14_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	2.2	2.1	1 U	1 U	1 U	5 U	1 U	2.1	1 U	1 U	9.1	2 U	1 U
	TMW_14_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1.8	3.3	1 U	1 U	1 U	5.6	1 U	1.6	0.33 J	1 U	10	2 U	1 U
	TMW_14_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	1 U	10 U	1 U	1 U	2	4	0.34 J	1 U	1 U	5 U	1 U	1.1	0.98 J	1 U	10	2 U	1 U
	TMW_14_WG092104_0001	Primary Sample	09/21/2004	1 U	1 U	1 U	1 U	3.1 J	1 U	1 U	1.2	2.8	1 U	1 U	1 U	5 U	1 U	1.7	1 U	1 U	9.9	2 U	1 U
	TMW_14_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1.6	2.4	1 U	1 U	1 U	5 U	1 U	1.6	1 U	1 U	11	2 U	1 U
	TMW-14_030399	Primary Sample	03/03/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	3.8	4.6	0.5 U	0.5 U	0.5 U		2.5 U	2.5	0.5 U	0.5 U	15	0.5 U	1 U
	TMW-14_062100	Primary Sample	06/21/2000	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	1.8	5.8	0.5 U		0.57		2.5 U	1	1.3	0.5 U	10	0.5 U	1.8
	TMW-14_071399	Primary Sample	07/13/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	2.9	4.4	0.5 U	0.5 U	0.5 U		2.5 U	1.8	0.5 U	0.5 U	13	0.5 U	1 U
TMW_15	TMW_15_032202_1005	Primary Sample	03/22/2002	1 U	1 U	1 U	0.69 J	10 U	1 U	1 U	0.5 U	5.2	2.2	1 U	1 U	5 U	1 U	1 U	9.8	1 U	30	2 U	1 U
	TMW_15_07192001_0004	Field Trip/Travel Bla	07/19/2001	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	0.23 J	5.6	1 U	1 U	1.6	1 U	1 U	2 U	1.4
	TMW_15_07192001_1014	Primary Sample	07/19/2001	1 U	1 U	1 U	0.58	10 U	1 U	1 U	0.5 U	5.1	1 U	1 U	1 U	5 U	0.74 J	1 U	17	1 U	25	2 U	1 U
	TMW_15_W_012501	Primary Sample	01/25/2001	1 U	1 U	1 U		10 U	1 U	1 U	0.5 U	8.7	1 U	1 U	0.46 J	5 U	0.39 J	1 U	15	1 U	29	2 U	1.8
	TMW_15_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1.1	10 U	1 U	1 U	0.5 U	4.1	2.1	1 U	1 U	5 U	1 U	1 U	1 U	1 U	18	2 U	1 U
	TMW_15_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1 U	0.58 J	10 U	1 U	1 U	0.5 U	4.2	2	1 U	1 U	5 U	1 U	1 U	2.5	1 U	26	2 U	1 U
	TMW_15_WG092004_0001	Primary Sample	09/20/2004	1 U	1 U	1 U	1.6	10 U	1 U	1 U	0.5 U	2.5	3.3	1 U	1 U	5 U	1 U	1 U	1 U	1 U	18	2 U	1 U
	TMW_15_WG092204_0001	Primary Sample	09/22/2004	1 U	1 U	1 U	0.82 J	10 U	1 U	1 U	0.5 U	4	1.7	1 U	1 U	5 U	1 U	1 U	1 U	1 U	13	2 U	1 U
	TMW_15_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	0.54 J	10 U	1 U	1 U	0.5 U	4	1.6	1 U	1 U	5 U	1 U	1 U	1 U	1 U	24	2 U	1 U
	TMW-15_030399	Primary Sample	03/03/1999	0.5 U	0.5 U	0.5 U	1		0.5 U	0.5 U	0.5 U	12	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	40	0.5 U	1 U
	TMW-15_062200	Primary Sample	06/22/2000	0.5 U	0.5 U	0.5 U	2		0.5 U	0.5 U	0.5 U	11	0.5 U		0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	35	0.5 U	1
	TMW-15_071399	Primary Sample	07/13/1999	0.5 U	0.5 U	0.5 U	2		0.5 U	0.5 U	0.5 U	11	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	39	0.5 U	1 U
	TMW-15_WG091702_0001	Primary Sample	09/17/2002	1 U	1 U	1 U	0.46 J	10 U	1 U	1 U	0.5 U	6.5	0.75 J	1 U	1 U	5 U	1.2	1 U	4.4	1 U	25	2 U	1 U
TMW_16	TMW_16_032102_1205	Primary Sample	03/21/2002	1 U	1 U	1 U	1 U	4.7 J	1 U	1 U	0.5 U	0.47 J	1 U	0.35 J	1 U	5 U	1 U	0.94 J	1.1	1 U	1.6	2 U	1 U
	TMW_16_W_012501	Primary Sample	01/25/2001	1 U	1 U	1 U		10 U	1 U	1 U	0.5 U	0.31 J	1 U	1 U	0.63 J	5 U	1 U	1.1	12	1 U	2.5	2 U	2.3
	TMW_16_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	2.3	1.1	1 U	1 U	1.7	2 U	1 U
	TMW-16_030699	Primary Sample	03/06/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2.5 U	2.1	0.5 U	0.5 U	4.5	0.5 U	1 U
	TMW-16_062200	Primary Sample	06/22/2000		0.5 U					0.5 U	0.5 U				0.5 U		2.5 U	0.5 U				0.5 U	1 U
	TMW-16_062600	Primary Sample	06/26/2000	0.5 U		0.5 U	3		0.5 U			0.5 U	0.5 U						6.2	0.5 U	2.9		
	TMW-16_071699	Primary Sample	07/16/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2.5 U	0.98	0.5 U	0.5 U	2.7	0.5 U	1 U
TMW_17	TMW-17_011400	Primary Sample	01/14/2000	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	1.6	0.5 U		0.5 U		2.5 U	0.5 U	1 U	0.5 U	25	0.5 U	1 U
	TMW-17_052099	Primary Sample	05/20/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	1.5	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	32	0.5 U	1 U
	TMW-17_071499	Primary Sample	07/14/1999	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	1.6	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	32	0.5 U	1 U

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_01D	WCC-01D_022996DUP	Field Duplicate	02/29/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U
	WCC-01D_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	1 U	10 U	1 U	5 U	1 U	1 U	1.2	1 U	1 U	10 U	1 U	1 U	1 U	1 U	3.1	1 U	1 U
	WCC-01D_060893DUP	Field Duplicate	06/08/1993	17	8 U	4 U	480	80 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	80 U	10 U	4 U	4 U	4 U	72	4 U	4 U
	WCC-01D_061592DUP	Field Duplicate	06/15/1992	64		25 U	1300	50 U	25 U			25 U	25 U			50 U			25 U	25 U	210		
	WCC-01D_070897	Primary Sample	07/08/1997	1 U	1 U	1 U	1 U	10 U	1 U	5 U	1 U	1 U	1.1	1 U	1 U	10 U	1 U	1 U	1 U	1 U	3.3	1 U	1 U
	WCC-01D_072397	Primary Sample	07/23/1997	1 U	1 U	1 U	2	10 U	1 U	5 U	1 U	1 U	1.2	1 U	1 U	10 U	1 U	1 U	7.5	1 U	14	1 U	1 U
	WCC-01D_080597	Primary Sample	08/05/1997	1 U	1 U	1 U	3	10 U	1 U	5 U	1 U	1 U	1.3	1 U	1 U	10 U	1 U	1 U	14	1 U	20	1 U	1 U
	WCC-01D_082097	Primary Sample	08/20/1997	1 U	1 U	1 U	1 U	10 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.6	1 U	1 U
	WCC-01D_082493	Primary Sample	08/24/1993	16	4 U	2 U	540	40 U	2 U	2 U	2 U	2 U	3	2 U	2 U	40 U	4 U	2 U	2	2	67	2 U	2 U
	WCC-01D_090497	Primary Sample	09/04/1997	1.2	1 U	1 U	6	10 U	1 U	5 U	1 U	1 U	1.6	1 U	1 U	10 U	1 U	1 U	27	1 U	25	1 U	1 U
	WCC-01D_091797	Primary Sample	09/17/1997	1.2	1 U	1 U	6	10 U	1 U	5 U	1 U	1 U	1.5	1 U	1 U	10 U	1 U	1 U	26	1 U	28	1 U	1 U
	WCC-01D_091896DUP	Field Duplicate	09/18/1996	0.5 U	1 U	1 U	1 U	10 U	0.5 U	5 U	1 U	1 U	1.4	1 U	1 U	10 U	1 U	1 U	1 U	1 U	3.6	1 U	1 U
	WCC-01D_120792DUP	Field Duplicate	12/07/1992	160	1 U	1 U	150	5 U	1 U	1 U	1 U	1	1 U	1 U	1 U	5 U	2	1 U	3	1 U	6	1 U	1 U
	WCC-1D_W_022394	Primary Sample	02/23/1994	3	4 U	2 U	140	40 U	2 U	4 U	4 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	14	2 U	2 U
	WCC-1D_W_022996	Primary Sample	02/29/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-1D_W_031395	Primary Sample	03/13/1995	4 U	8 U	4 U	240	80 U	4 U	40 U	40 U	4 U	4 U		4 U	80 U	20 U	4 U	4 U	4 U	38	4 U	4 U
	WCC-1D_W_031693	Primary Sample	03/16/1993	19	2 U	2 U	200	10 U	2 U	5 U	5 U	2 U	3		2 U	10 U	10 U	23	2 U	2 U	23	2 U	2 U
	WCC-1D_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-1D_W_060893	Primary Sample	06/08/1993	14	20 U	10 U	500	200 U	10 U	10 U	10 U	10 U	10 U		10 U	200 U	20 U	71	10 U	10 U	71	10 U	10 U
	WCC-1D_W_061094	Primary Sample	06/10/1994	3.7	4 U	2 U	230	40 U	2 U	10 U	10 U	2 U	2 U		2 U	40 U	20 U	24	2 U	2 U	24	2 U	2 U
	WCC-1D_W_061395	Primary Sample	06/13/1995	2 U	4 U	2 U	170	40 U	2 U	3.1	2 U	2 U	2		2 U	40 U	10 U	2 U	2 U	2 U	21	2 U	2 U
	WCC-1D_W_061592	Primary Sample	06/15/1992	64	25 U	25 U	1500	50 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	230	25 U	25 U	230	25 U	25 U
	WCC-1D_W_072589	Primary Sample	07/25/1989	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	5 U	1 U	1	1 U	2	1 U	1 U
	WCC-1D_W_082389	Primary Sample	08/23/1989	1		1 U	1 U		1 U			1 U	1 U			5 U		2	1 U	1 U	2		
	WCC-1D_W_090395	Primary Sample	09/03/1995	5 U	5 U	5 U	150	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	29	5 U	5 U
	WCC-1D_W_090894	Primary Sample	09/08/1994	3.6	4 U	2 U	210	40 U	2 U	50 U	50 U	2 U	2 U		2 U	40 U	10 U	37	2 U	2 U	37	2 U	2 U
	WCC-1D_W_091896	Primary Sample	09/18/1996	1 U	1 U	1 U	1 U	10 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	3.5	1 U	1 U
	WCC-1D_W_092292	Primary Sample	09/22/1992	8	1 U	1 U	180	5 U	1 U	1 U	1 U	1 U	2	1 U	1 U	5 U	11	44	1 U	1 U	44	1 U	1 U
	WCC-1D_W_111591	Primary Sample	11/15/1991	8	5 U	5 U	90	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	40	20	5 U	40	5 U	5 U
	WCC-1D_W_111893	Primary Sample	11/18/1993	16	4 U	2 U	880	40 U	2 U	2 U	2 U	2 U	3		2 U	40 U	10 U	110	2 U	3	110	2 U	2 U
	WCC-1D_W_120792	Primary Sample	12/07/1992	8	1 U	1 U	160	5 U	1 U	1 U	1 U	1	2		1 U	5 U	2	1 U	1 U	1 U	41	1 U	1 U
	WCC-1D_W_121595	Primary Sample	12/16/1995	2 U	2 U	2 U	12		10	2 U	2 U	2 U	2 U		2 U		2 U	23	2 U	2 U	23	2 U	2 U
	WCC-1D_W_121896	Primary Sample	12/18/1996	1 U	1 U	1 U	1 U	10 U	1 U	5 U	1 U	1 U	1 U	1.2	1 U	10 U	1 U	1 U	1 U	1 U	3.5	1 U	1 U
	WCC-1D_W_122294	Primary Sample	12/22/1994	10	4 U	2 U	600	40 U	2 U	4 U	4 U	2 U	2.3		2 U	40 U	10 U	2 U	2.2	2.2	71	2 U	2 U
WCC_01S	WCC-01S_041388DUP	Field Duplicate	04/13/1988	120			2500														3600		
	WCC-01S_050897	Primary Sample	05/08/1997	50 U	50 U	50 U	3200	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	69	2700	50 U	50 U
	WCC-01S_070897	Primary Sample	07/08/1997	50 U	50 U	50 U	3900	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	2800	50 U	50 U
	WCC-01S_072497	Primary Sample	07/24/1997	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	2400	50 U	50 U
	WCC-01S_080697	Primary Sample	08/06/1997	50 U	50 U	50 U	3800	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	60	2700	50 U	50 U
	WCC-01S_082297	Primary Sample	08/22/1997	50 U	50 U	50 U	3800	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	66	2700	50 U	50 U
	WCC-01S_082593	Primary Sample	08/25/1993	20 U	40 U	20 U	1700	400 U	42	20 U	20 U	20 U	27	20 U	20 U	400 U	40 U	20 U	20 U	20 U	3300	20 U	20 U
	WCC-01S_090597	Primary Sample	09/05/1997	50 U	50 U	50 U	3500	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	61	2500	50 U	50 U
	WCC-01S_091797	Primary Sample	09/17/1997	50 U	50 U	50 U	3400	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	63	2700	50 U	50 U
	WCC-01S_121596DUP	Field Duplicate	12/15/1996	22	2 U	26	2800	2 U	42	2 U	2 U	16	33	2 U	2 U		2 U	2 U	2 U	40	2560	2 U	4 U
	WCC-01S_121896DUP	Field Duplicate	12/18/1996		50 U			500 U		250 U	50 U			50 U	50 U		50 U	50 U				50 U	50 U
	WCC-01S_121897DUP	Field Duplicate	12/18/1997	50 U		50 U	2600		50 U			50 U	50 U			500 U			50 U	50 U	2300		
	WCC-1S_W_022494	Primary Sample	02/24/1994	300	40 U	20 U	3400	400 U	20 U	20 U	20 U	20 U	20 U		20 U	400 U	100 U	20 U	20 U	35	1200	20 U	20 U
	WCC-1S_W_030496	Primary Sample	03/04/1996	24	20 U	27	3000	40 U	20 U	20 U	20 U	20 U	35		20 U	40 U	20 U	20 U	20 U	45	2700	20 U	20 U
	WCC-1S_W_031495	Primary Sample	03/14/1995	20 U	40 U	20 U	2000	400 U	34	20 U	20 U	20 U	22		20 U	400 U	100 U	20 U	20 U	22	2300	20 U	20 U
	WCC-1S_W_031893	Primary Sample	03/18/1993	15	2 U	13	1000	10 U	33	5 U	5 U	14	27		2 U	10 U	10 U	2 U	2 U	15	2100	5 U	2 U
	WCC-1S_W_032787	Primary Sample	03/27/1987	300	50 U	50 U	2800	500 U	85	50 U	50 U	50 U	50 U		50 U	500 U	300 U	50 U	50 U	50 U	4600	50 U	50 U
	WCC-1S_W_041387	Primary Sample	04/13/1987	260	50 U	50 U	3700	500 U	110	50 U	50 U	50 U	50 U		50 U	500 U	300 U	50 U	50 U	50 U	5500	50 U	50 U
	WCC-1S_W_060796	Primary Sample	06/07/1996	20	5 U	24	2500	10 U	7	5 U	5 U	17	28		5 U	10 U	5 U	5 U	5 U	39	2200	5 U	5 U
	WCC-1S_W_060893	Primary Sample	06/08/1993	20 U	20 U	20 U	1200	400 U	35	20 U	20 U	20 U	27		20 U	400 U	100 U	20 U	20 U	20 U	2400	20 U	20 U
	WCC-1S_W_061394	Primary Sample	06/13/1994	11	20 U	11	1000	200 U	10 U	10 U	10 U	10 U	20		10 U	200 U	50 U	10 U	10 U	16	1700	10 U	10 U
	WCC-1S_W_061395	Primary Sample	06/13/1995	20 U	40 U	20	2700	400 U	45	20 U	20 U	20 U	29		20 U	400 U	100 U	20 U	20 U	31	3200	20 U	20 U
	WCC-1S_W_061792	Primary Sample	06/17/1992	5 U		5 U	170	30 U	5 U			5 U	5 U			10 U			5 U	5 U	380		
	WCC-1S_W_071389	Primary Sample	07/13/1989	67	20 U	20 U	900	100 U	20 U	20 U	20 U	20 U	20 U		20 U	100 U	100 U	20 U	20 U	20 U	2400	20 U	20 U
	WCC-1S_W_082389	Primary Sample	08/23/1989	30 U		30	1500		30 U			30 U	41			200 U			30 U	20 U	2800		
	WCC-1S_W_090795	Primary Sample	09/07/1995	22	5 U	22	1800	10 U	51	5 U	5 U	16	37		5 U	10 U	5 U	50 U	50 U	37	2600	5 U	5 U
	WCC-1S_W_090994	Primary Sample	09/09/1994	40 U	80 U	40 U	1400	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	40 U	40 U	2300	40 U	40 U
	WCC-1S_W_091996	Primary Sample	09/19/1996	50 U	50 U	50 U	3200	500 U	50 U	250 U	50 U	50 U	50 U		50 U	500 U	50 U	50 U	50 U	50 U	2400	50 U	50 U
	WCC-1S_W_092392	Primary Sample	09/23/1992	16	1 U	13	1500	5 U	37	22	1 U	13	27		1 U	5 U	4	1 U	1	14	3400	1 U	1 U
	WCC-1S_W_111287	Primary Sample	11/12/1987	160	20 U	23	3000	200 U	160	20 U	20 U	39	20 U		20 U	200 U	200 U	20 U	20 U	75	5200	20 U	20 U
	WCC-1S_W_111891	Primary Sample	11/18/1991	250 U	250 U	250 U	1300	500 U	50 U	250 U	250 U	250 U	250 U		250 U	500 U	500 U	250 U	250 U	30 U	3700	250 U	250 U
	WCC-1S_W_111993	Primary Sample	11/19/1993	20 U	40 U	20 U	1600	400 U	38	20 U	20 U	20 U	25		20 U	400 U	100 U	20 U	20 U	20 U	2600	20 U	20 U
	WCC-1S_W_120992	Primary Sample	12/09/1992	30 U	30 U	30 U	1500	100 U	30	30 U	30 U	30 U	30 U		30 U	100 U	40	30 U	30 U	30 U	3100	30 U	30 U
	WCC-1S_W_121595	Primary Sample	12/15/1995	22	2 U	26	2900		42	2 U	2 U	17	34		2 U		2 U	2 U	2 U	40	2600	2 U	2 U
	WCC-1S_W_121896	Primary Sample	12/18/1996	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U		50 U	500 U	50 U	50 U	50 U	50 U	2200	50 U	50 U
	WCC-1S_W_122294	Primary Sample	12/22/1994	24	40 U	23	3000	400 U	57	20 U	20 U	20 U	38		20 U	400 U	100 U	20 U	20 U	36	3100	20 U	20 U

BOE-C6-0067816

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_02S	WCC-02S_031793DUP	Field Duplicate	03/17/1993	2 U	2 U	2 U	33	10 U	2 U	5 U	5 U	2 U	2 U	2 U	2 U	10 U	10 U	2 U	2 U	2 U	100	5 U	2 U
	WCC-02S_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	12	10 U	1 U	5 U	1 U	1 U	18	1 U	1 U	10 U	1 U	1 U	1 U	1 U	25	1 U	1 U
	WCC-02S_050797DUP	Field Duplicate	05/07/1997	1 U	1 U	1 U	11	10 U	1 U	5 U	1 U	1 U	17	1 U	1 U	10 U	1 U	1 U	1 U	1 U	24	1 U	1 U
	WCC-02S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	16	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	4 U	2 U	2 U	2 U	90	2 U	2 U
	WCC-02S_092292DUP	Field Duplicate	09/22/1992	1 U	1 U	1 U	19	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	9	1 U	1	1 U	97	1 U	1 U
	WCC-02S_120692DUP	Field Duplicate	12/08/1992	2	1 U	2 U	27	5 U	1 U	1 U	1 U	2	1 U	1 U	1 U	5 U	2	1 U	1 U	1 U	99	1 U	1 U
	WCC-02S_121595	Primary Sample	12/15/1995	2 U	2 U	2 U	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	60	2 U	4 U
	WCC-2S_D_031793_1	Primary Sample	03/17/1993	2 U	2 U	2 U	33	10 U	2 U	5 U	5 U	2 U	2 U		2 U	10 U	10 U	2 U	2 U	2 U	100	5 U	2 U
	WCC-2S_W_022494	Primary Sample	02/24/1994	2 U	4 U	2 U	30	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	96	2 U	2 U
	WCC-2S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	21	5 U	5 U
	WCC-2S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	27	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	160	2 U	2 U
	WCC-2S_W_031793	Primary Sample	03/17/1993	2 U	2 U	2 U	32	10 U	2 U	5 U	5 U	2 U	2 U		2 U	10 U	10 U	2 U	2 U	2 U	110	5 U	2 U
	WCC-2S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	7	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	33	5 U	5 U
	WCC-2S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	48	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	4 U	2 U	2 U	2 U	150	2 U	2 U
	WCC-2S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	24	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	20 U	2 U	2 U	2 U	97	2 U	2 U
	WCC-2S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	30	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-2S_W_061692	Primary Sample	06/16/1992	5 U	5 U	5 U	30	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	100	5 U	5 U
	WCC-2S_W_071389	Primary Sample	07/13/1989	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	1 U	1 U	1 U	1 U	5	1 U	1 U
	WCC-2S_W_082389	Primary Sample	08/23/1989	1 U		1 U			1 U			1 U	1 U			5 U			1 U	1 U	3		
	WCC-2S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	56	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	200	5 U	5 U
	WCC-2S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	37	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	150	2 U	2 U
	WCC-2S_W_091996	Primary Sample	09/19/1996	1 U	1 U	1 U	23	10 U	1 U	5 U	1 U	1 U	1 U	1.1	1 U	10 U	1 U	1 U	1 U	1 U	98	1 U	1 U
	WCC-2S_W_092292	Primary Sample	09/22/1992	1 U	1 U	1 U	18	5 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	11	1 U	1	1 U	110	1 U	1 U
	WCC-2S_W_110287	Primary Sample	11/02/1987	5	1 U	1 U	5	10 U	1 U	1 U	5	1 U	1 U		1 U	10 U	10 U	1 U	6	1 U	14	1 U	1 U
	WCC-2S_W_111287	Primary Sample	11/12/1987	1	1 U	1 U	2	10 U	1 U	1 U	1 U	1 U	1 U		1 U	10 U	10 U	1 U	1	5 U	4	1 U	1 U
	WCC-2S_W_111991	Primary Sample	11/19/1991	8	5 U	5 U	30	10 U	1 U	5 U	5 U	5 U	5 U		5 U	10 U	15	5 U	75	5 U	110	5 U	5 U
	WCC-2S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	41	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	94	2 U	2 U
	WCC-2S_W_120892	Primary Sample	12/08/1992	2	1 U	1 U	49	6	1 U	1 U	1 U	1 U	1 U		1 U	5 U	5	1 U	1 U	1 U	140	1 U	1 U
	WCC-2S_W_121896	Primary Sample	12/18/1996	2 U	2 U	2 U	30	20 U	2 U	10 U	2 U	2 U	2.2		2 U	20 U	2 U	2 U	2 U	2 U	120	2 U	2 U
	WCC-2S_W_122294	Primary Sample	12/22/1994	2 U	4 U	2 U	28	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	110	2 U	2 U
WCC_03D	WCC_3D_032102_1605	Primary Sample	03/21/2002	6.7	1 U	1 U	8.7	7.1 J	1 U	1 U	0.5 U	1 U	1.7	1 U	1 U	5 U	1 U	1 U	3	1 U	1.8	2 U	1 U
	WCC_3D_W_020301	Primary Sample	02/03/2001	58	2 U	2 U	47	20 U	2 U	2 U	1 U	2 U	3.1	2 U	2 U	10 U	97	2 U	20	2 U	7.4	4 U	1 J
	WCC-03D_022394DUP	Field Duplicate	02/23/1994	530		4 U	370		4 U			4 U	4 U			80 U			12	4 U	23		
	WCC-03D_030599	Primary Sample	03/05/1999	57	0.5 U	0.5 U	32		0.5 U	0.5 U	0.5 U	0.5 U	1.3	0.5 U	0.5 U		2.5 U	0.5 U	44	0.5 U	7.9	0.5 U	1 U
	WCC-03D_030599DUP	Field Duplicate	03/05/1999	49	0.5 U	0.5 U	28		0.5 U	0.5 U	0.5 U	0.5 U	1.4	0.5 U	0.5 U		2.5 U	0.5 U	37	0.5 U	7.7	0.5 U	1 U
	WCC-03D_031495DUP	Field Duplicate	03/14/1995	3900	40 U	20 U	3200	400 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	100 U	61	3400	20 U	380	20 U	40 U
	WCC-03D_031693DUP	Field Duplicate	03/16/1993	2000	2 U	6	1000	10 U	2 U	5 U	5 U	2 U	2	2 U	2 U	10 U	10 U	2 U	6	9	47	5 U	2 U
	WCC-03D_050897	Primary Sample	05/08/1997	11	1 U	1 U	43	10 U	1 U	5 U	1 U	1 U	1.7	1 U	1 U	10 U	1 U	1 U	2.7	1 U	63	1 U	1 U
	WCC-03D_062600	Primary Sample	06/26/2000	50	0.5 U	0.5 U	54		0.5 U	0.5 U	0.5 U	0.5 U	2.1		0.5 U		2.5 U	0.5 U	37	0.5 U	9.9	0.5 U	1 U
	WCC-03D_070897	Primary Sample	07/08/1997	15	1 U	1 U	70	10 U	1 U	5 U	1 U	1 U	2.3	1 U	1 U	10 U	1 U	1 U	14	1 U	87	1 U	1 U
	WCC-03D_070897DUP	Field Duplicate	07/08/1997	5.9	1 U	1 U	30	10 U	1 U	5 U	1 U	1 U	1.1	1 U	1 U	10 U	1 U	1 U	6	1 U	45	1 U	1 U
	WCC-03D_071699	Primary Sample	07/16/1999	6.4	0.5 U	0.5 U	5		0.5 U	0.5 U	0.5 U	0.5 U	1.8	0.5 U	0.5 U		2.5 U	0.5 U	1.7	0.5 U	6.2	0.5 U	1 U
	WCC-03D_071699DUP	Field Duplicate	07/16/1999	5.7	0.5 U	0.5 U	4		0.5 U	0.5 U	0.5 U	0.5 U	1.9	0.5 U	0.5 U		2.5 U	0.5 U	1.3	0.5 U	5.8	0.5 U	1 U
	WCC-03D_072497	Primary Sample	07/24/1997	7.9	1 U	1 U	55	10 U	1 U	5 U	1 U	1 U	2.1	1 U	1 U	10 U	1 U	1 U	12	1 U	79	1 U	1 U
	WCC-03D_080697	Primary Sample	08/06/1997	8.8	1 U	1 U	34	10 U	1 U	5 U	1 U	1 U	2	1 U	1 U	10 U	1 U	1 U	17	1 U	58	1 U	1 U
	WCC-03D_080697DUP	Field Duplicate	08/06/1997	8.6	1 U	1 U	34	10 U	1 U	5 U	1 U	1 U	2.2	1 U	1 U	10 U	1 U	1 U	17	1 U	56	1 U	1 U
	WCC-03D_082297	Primary Sample	08/22/1997	21	1 U	1 U	61	10 U	1 U	5 U	1 U	1 U	1.9	1 U	1 U	10 U	1 U	1 U	21	1 U	70	1 U	1 U
	WCC-03D_082297DUP	Field Duplicate	08/22/1997	22	1 U	1 U	60	10 U	1 U	5 U	1 U	1 U	1.8	1 U	1 U	10 U	1 U	1 U	22	1 U	72	1 U	1 U
	WCC-03D_082493	Primary Sample	08/24/1993	100	4 U	2 U	120	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	4 U	2 U	3	2 U	5	2 U	2 U
	WCC-03D_090597	Primary Sample	09/05/1997	15	1 U	1 U	53	10 U	1 U	5 U	1 U	1 U	2	1 U	1 U	10 U	1 U	1 U	29	1 U	66	1 U	1 U
	WCC-03D_090597DUP	Field Duplicate	09/05/1997	14	1 U	1 U	48	10 U	1 U	5 U	1 U	1 U	1.9	1 U	1 U	10 U	1 U	1 U	27	1 U	63	1 U	1 U
	WCC-03D_091897	Primary Sample	09/18/1997	18	1 U	1 U	35	10 U	1 U	5 U	1 U	1 U	1.7	1 U	1 U	10 U	1 U	1 U	32	1 U	47	1 U	1 U
	WCC-03D_092898	Primary Sample	09/28/1998	1300	5 U	5 U	1200		5 U	5 U	5 U	5 U	18	5 U	5 U		25 U	5 U	58	6.1	62	5 U	10 U
	WCC-03D_102198	Primary Sample	10/21/1998	54	0.5 U	0.5 U	50		0.5 U	0.5 U	0.5 U	0.5 U	2	0.5 U	0.5 U		2.5 U	0.5 U	27	0.5 U	8	0.5 U	1 U
	WCC-03D_111893DUP	Field Duplicate	11/18/1993	640	8 U	4 U	840	80 U	4 U	4 U	4 U	4 U	4	4 U	4 U	80 U	20 U	4 U	8	4	23	4 U	4 U
	WCC-3D_D_031693_1	Primary Sample	03/16/1993	500	2 U	6	500	10 U	2 U	5 U	5 U	2 U	2		2 U	10 U	10 U	2 U	6	9	47	5 U	2 U
	WCC-3D_W_022394	Primary Sample	02/23/1994	530	8 U	4 U	370	80 U	4 U	4 U	4 U	4 U	4 U		4 U	80 U	20 U	4 U	12	4 U	23	4 U	4 U
	WCC-3D_W_030496	Primary Sample	03/04/1996	40	5 U	5 U	53	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	6	5 U	23	5 U	5 U
	WCC-3D_W_031495	Primary Sample	03/14/1995	4000	80 U	40 U	3300	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	3200	40 U	370	40 U	40 U
	WCC-3D_W_031693	Primary Sample	03/16/1993	2000	2 U	6	950	10 U	2 U	5 U	5 U	2 U	2		2 U	10 U	10 U	2 U	6	9	50	5 U	2 U
	WCC-3D_W_060796	Primary Sample	06/07/1996	59	5 U	5 U	84	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	21	5 U	60	5 U	5 U
	WCC-3D_W_060893	Primary Sample	06/08/1993	110	4 U	2 U	110	40 U	10 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	6	2 U	2 U
	WCC-3D_W_061394	Primary Sample	06/13/1994	1300	20 U	10 U	720	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	50 U	10 U	10 U	10 U	94	10 U	10 U
	WCC-3D_W_061395	Primary Sample	06/13/1995	2100	20 U	10 U	1800	200 U	10 U	10 U	10 U	10 U	10 U		10 U	200 U	50 U	10 U	1700	10 U	200	10 U	10 U
	WCC-3D_W_061692	Primary Sample	06/16/1992	880	5 U	5 U	510	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	8	5 U	23	5 U	5 U
	WCC-3D_W_072589	Primary Sample	07/25/1989	49	1 U	1 U	1 U	5 U	1 U	1 U	1 U	10 U	11	1 U	1 U	5 U	5 U	1 U	3	1 U	4	1 U	1 U
	WCC-3D_W_082389	Primary Sample	08/23/1989	32	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U		10 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U
	WCC-3D_W_090795	Primary Sample	09/07/1995	4100	35	13	3400	10 U	13	10 U	5 U	5 U	60		5 U	10 U	5 U	5 U	4700	30	520	5 U	8
	WCC-3D_W_090994	Primary Sample	09/09/1994	5600	100 U	50 U	3700	1000 U	50 U	50 U	50 U	50 U	50 U		50 U	1000 U	250 U	50 U	50 U	50 U	490	50 U	50 U
	WCC-3D_W_091996	Primary Sample	09/19/1996	24	1 U	1 U	52	10 U	1 U	5 U	1 U	1 U	2.2		1 U	10 U	1 U	1 U	12	1 U	61	1 U	1 U
	WCC-3D_W_092292	Primary Sample	09/22/1992	27	1 U	1 U	21	5 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	8	1 U	1 U	1 U	2	1 U	1 U
	WCC-3D_W_111491	Primary Sample	11/14/1991	60	5 U	5 U	20	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-3D_W_111893	Primary Sample	11/18/1993	410	4 U	2 U	610	40 U	2 U	4 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	6	4	17	2 U	2 U
	WCC-3D_W_120792	Primary Sample	12/07/1992	130	1 U	1 U	120	5 U	1 U	1 U	1 U	1	1 U		1 U	5 U	1	1 U	3	1 U	5	1 U	1 U
	WCC-3D_W_121695	Primary Sample	12/16/1995	90	2 U	2 U	111		2 U	2 U	2 U	2 U	3		2 U		2 U	2 U	88	2 U	32	2 U	2 U
	WCC-3D_W_121996	Primary Sample	12/19/1996	67	2.5 U	2.5	97	10 U	2.5 U	5 U	2.5 U	2.5 U	5.4	2.5	2.5 U	10 U	5 U	2.5 U	20	2.5 U	42	5 U	2.5 U
	WCC-3D_W_122194	Primary Sample	12/21/1994	6300	29	4 U	5200	80 U	8.6	4 U	4 U	4 U	15		4 U	80 U	20 U	4 U	5100	22	540	4 U	4 U

BOE-C6-0067817

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	140 J	500 U	220 J	10000	5000 U	500 U	500 U	250 U	500 U	2400	500 U	500 U	2500 U	500 U	500 U	23000	290 J	960	1000 U	500 U
	WCC_03S_WG032703_0001	Primary Sample	03/27/2003	96 J	100 U	75 J	4000	1000 U	46 J	100 U	50 U	100 U	910	100 U	100 U	500 U	100 U	100 U	9600	110	1500	200 U	100 U
	WCC_3S_032502_1250	Primary Sample	03/25/2002	670	620 U	440 J	16000	6200 U	620 U	620 U	310 U	620 U	3800	620 U	620 U	3100 U	620 U	620 U	43000	520 J	1400	1200 U	620 U
	WCC_3S_07192001_0003	Field Duplicate	07/19/2001	2200	200 U	820	34000	2000 U	410	200 U	100 U	100 J	7800	200 U	200 U	1000 U	200 U	200 U	75000	940	140 J	400 U	220
	WCC_3S_07192001_1016	Primary Sample	07/19/2001	2200	200 U	840	32000	2000 U	390	200 U	100 U	140 J	7900	200 U	200 U	1000 U	200 U	200 U	73000	960	140 J	400 U	250
	WCC_3S_W_020301	Primary Sample	02/03/2001	1100	500 U	550	17000	5000 U	270 J	500 U	250 U	500 U	4600	500 U	500 U	2500 U	500 U	500 U	44000	590	550	1000 U	500 U
	WCC-03S_030699	Primary Sample	03/06/1999	1900	250 U	500	20000		250 U	250 U	250 U	250 U	4800	250 U	250 U		1250 U	250 U	42000	510	640	250 U	500 U
	WCC-03S_031993DUP	Field Duplicate	03/18/1993	22000	60	510	20000	50 U	260	25 U	25 U	110	640	10 U	10 U	50 U	50 U	10 U	42000	670	8800	25 U	110
	WCC-03S_050897	Primary Sample	05/08/1997	470	120 U	140	6300	1200 U	120 U	620 U	120 U	120 U	2000	120 U	120 U	1200 U	120 U	120 U	8800	180	230	120 U	120 U
	WCC-03S_050897DUP	Field Duplicate	05/08/1997	520		250 U	6200		250 U			50 U	2000			2500 U			9100	250 U	250 U		
	WCC-03S_062600	Primary Sample	06/26/2000	2400	125 U	630	25000		380	125 U	125 U	125 U	7600		125 U		625 U	125 U	48000	640	770	125 U	250 U
	WCC-03S_070897	Primary Sample	07/08/1997	1100	250 U	250 U	9200	2500 U	250 U	1200 U	250 U	250 U	2900	250 U	250 U	2500 U	250 U	250 U	14000	260	400	250 U	250 U
	WCC-03S_071389	Primary Sample	07/13/1989	56000		500 U	18000		500 U			500 U	500 U						32000	660	7700		
	WCC-03S_071699	Primary Sample	07/16/1999	2700	250 U	780	32000		380	250 U	250 U	250 U	8600	250 U	250 U		1250 U	250 U	54000	1000	810	250 U	500 U
	WCC-03S_072497	Primary Sample	07/24/1997	1900	250 U	350	14000	2500 U	250 U	1200 U	250 U	250 U	4000	250 U	250 U	2500 U	250 U	250 U	22000	380	420	250 U	250 U
	WCC-03S_080697	Primary Sample	08/06/1997	1500	250 U	310	12000	2500 U	250 U	1200 U	250 U	250 U	3900	250 U	250 U	2500 U	250 U	250 U	18000	350	250	250 U	250 U
	WCC-03S_082297	Primary Sample	08/22/1997	2200	250 U	410	16000	2500 U	250 U	1200 U	250 U	250 U	4600	250 U	250 U	2500 U	250 U	250 U	23000	540	290	250 U	250 U
	WCC-03S_082593	Primary Sample	08/25/1993	10000	800 U	500	21000	8000 U	400 U	400 U	400 U	410 U	670	400 U	400 U	8000 U	800 U	400 U	46000	680	11000	400 U	400 U
	WCC-03S_082593DUP	Field Duplicate	08/25/1993	9500	52	560	20000	200 U	250	10 U	10 U	10 U	700	10 U	21	660	50 U	10 U	40000	710	9700	10 U	154
	WCC-03S_090597	Primary Sample	09/05/1997	1600	250 U	350	13000	2500 U	250 U	1200 U	250 U	250 U	3700	250 U	250 U	2500 U	250 U	250 U	18000	390	250 U	250 U	250 U
	WCC-03S_090994DUP	Field Duplicate	09/09/1994	98000		560	25000		500 U			500 U	8400			10000 U			47000	640	500 U		
	WCC-03S_091897	Primary Sample	09/18/1997	1500	250 U	300	12000	2500 U	250 U	1200 U	250 U	250 U	3500	250 U	250 U	2500 U	250 U	250 U	18000	350	250 U	250 U	250 U
	WCC-03S_091897DUP	Field Duplicate	09/18/1997	1600	250 U	300	13000	2500 U	250 U	1200 U	250 U	250 U	3600	250 U	250 U	2500 U	250 U	250 U	18000	360	260	250 U	250 U
	WCC-03S_092392	Primary Sample	09/23/1992	7800	500 U	500 U	22000	3000 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	3000 U	900	500 U	52000	500 U	12000	500 U	500 U
	WCC-03S_092398	Primary Sample	09/23/1998	4000	250 U	870	33000		390	250 U	250 U	250 U	9400	250 U	250 U		1250 U	250 U	59000	980	250 U	250 U	500 U
	WCC-03S_102298	Primary Sample	10/22/1998	4700	250 U	1100	41000		470	250 U	250 U	250 U	11000	250 U	250 U		1250 U	250 U	68000	1300	490	250 U	500 U
	WCC-03S_111287	Primary Sample	11/12/1987	54000		1000	88000												140000	1000	11000		
	WCC-03S_120992	Primary Sample	12/09/1992	5600	500 U	500 U	21000	3000 U	500 U	500 U	500 U	500 U	700	500 U	500 U	4000	500 U	500 U	44000	600	11000	500 U	500 U
	WCC-3S_D_031893_1	Primary Sample	03/18/1993	22000	60	510	20000	50 U	260	25 U	25 U	110	640		10 U	50 U	50 U	10 U	42000	670	8800	25 U	110
	WCC-3S_D_031893_2	Primary Sample	03/18/1993	4000	60	510	4000	50 U	260	25 U	25 U	110	640		10 U	50 U	50 U	10 U	4000	670	4000	25 U	110
	WCC-3S_D_031893_3	Primary Sample	03/18/1993	22000	500 U	510	20000	2500 U	500 U	1250 U	1250 U	500 U	640		500 U	2500 U	2500 U	500 U	42000	670	8800	1250 U	500 U
	WCC-3S_W_022494	Primary Sample	02/24/1994	9600	400 U	310	15000	4000 U	200 U	200 U	200 U	200 U	2500		200 U	4000 U	1000 U	200 U	25000	260	2500	200 U	200 U
	WCC-3S_W_030496	Primary Sample	03/04/1996	1900	50 U	230	8400	10 U	100	50 U	50 U	50 U	3200	50 U	50 U	100 U	50 U	50 U	15000	280	480	50 U	50 U
	WCC-3S_W_031495	Primary Sample	03/14/1995	8700	400 U	570	24000	4000 U	230	200 U	200 U	200 U	6200		200 U	4000 U	1000 U	200 U	40000	670	2300	200 U	200 U
	WCC-3S_W_031893	Primary Sample	03/18/1993	21000	500 U	500 U	20000	2500 U	500 U	1250 U	1250 U	500 U	650		500 U	2500 U	2500 U	500 U	42000	640	8800	1250 U	500 U
	WCC-3S_W_060796	Primary Sample	06/07/1996	2400	12	310	11000	19	110	5 U	5 U	38	3400		7	32	13	5 U	18000	340	240	5 U	53
	WCC-3S_W_060893	Primary Sample	06/08/1993	5900	200 U	420	16000	2000 U	210	100 U	100 U	100 U	100 U		100 U	2000 U	200 U	100 U	400 U	480	8600	100 U	100 U
	WCC-3S_W_061394	Primary Sample	06/13/1994	6200	400 U	310	13000	4000 U	200 U	200 U	200 U	200 U	4100		200 U	4000 U	1000 U	200 U	2300	360	820	200 U	200 U
	WCC-3S_W_061395	Primary Sample	06/13/1995	4800	800 U	450	22000	8000 U	400 U	400 U	400 U	400 U	6300		400 U	8000 U	1000 U	400 U	39000	500	1200	400 U	400 U
	WCC-3S_W_061792	Primary Sample	06/17/1992	13	5 U	5 U	25	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	51	5 U	13	5 U	5 U
	WCC-3S_W_072589	Primary Sample	07/25/1989	56000	550	500 U	18000	3000 U	500 U	3000 U	500 U	500 U	500 U		500 U	3000 U	500 U	500 U	32000	660	7700	500 U	500 U
	WCC-3S_W_082389	Primary Sample	08/23/1989	78000	1000 U	1000 U	56000	5000 U	1000 U	5000 U	1000 U	1000 U	1000 U		1000 U	5000 U	1000 U	1000 U	56000	500 U	6000	500 U	500 U
	WCC-3S_W_090795	Primary Sample	09/07/1995	4100	64	480	13000	39	220	10 U	5 U	76	6000		18	200 U	23	5 U	31000	520	910	5 U	137
	WCC-3S_W_090994	Primary Sample	09/09/1994	9000	400 U	520	23000	4000 U	200 U	200 U	200 U	200 U	7700		200 U	4000 U	1000 U	200 U	43000	600	200 U	200 U	200 U
	WCC-3S_W_091996	Primary Sample	09/19/1996	3500	500 U	600	20000	5000 U	500 U	2500 U	500 U	500 U	6300		500 U	5000 U	500 U	500 U	29000	860	500 U	500 U	500 U
	WCC-3S_W_092292	Primary Sample	09/22/1992	7800	500 U	500 U	22000	3000 U	500 U	500 U	500 U	500 U	500 U		500 U	3000 U	900	500 U	52000	500 U	12000	500 U	500 U
	WCC-3S_W_110287	Primary Sample	11/02/1987	110000	1000 U	1000 U	38000	10000 U	1000 U	1000 U	1000 U	1000 U	1000 U		1000 U	10000 U	10000 U	1000 U	80000	1000 U	10000	1000 U	1000 U
	WCC-3S_W_111387	Primary Sample	11/13/1987	54000	1000 U	1000	88000	10000 U	1000 U	1000 U	1000 U	1000 U	1000 U		1000 U	10000 U	10000 U	1000 U	140000	1000	11000	1000 U	1000 U
	WCC-3S_W_111491	Primary Sample	11/14/1991	6900	1250 U	1250 U	12000	2500 U	250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	2500 U	1250 U	1250 U	27000	1250 U	7900	1250 U	1250 U
	WCC-3S_W_111993	Primary Sample	11/19/1993	19000	400 U	690	26000	4000 U	280	200 U	200 U	200 U	1100		200 U	4000 U	1000 U	200 U	50000	840	10000	200 U	200 U
	WCC-3S_W_121092	Primary Sample	12/10/1992	5600	500 U	500 U	21000	3000 U	500 U	500 U	500 U	500 U	700		500 U	4000	500 U	500 U	44000	600	11000	500 U	500 U
	WCC-3S_W_121695	Primary Sample	12/16/1995	3100	22	350	12000		130	2 U	2 U	45	4400		8		2 U	2 U	23000	400	670	2 U	42
	WCC-3S_W_121996	Primary Sample	12/19/1996	2300	250 U	380	16000	2500 U	250 U	1200 U	250 U	250 U	4100	250 U	250 U	2500 U	250 U	250 U	20000	460	250 U	250 U	250 U
	WCC-3S_W_122294	Primary Sample	12/22/1994	6700	400 U	440	20000	4000 U	200	200 U	200 U	200 U	6700		200 U	4000 U	1000 U	200 U	35000	530	390	200 U	200 U

BOE-C6-0067818

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	10 U	10 U	2.6 J	500	100 U	10 U	10 U	5 U	10 U	21	10 U	10 U	50 U	10 U	10 U	10 U	8 J	380	20 U	10 U
	WCC_4S_032602_1315	Primary Sample	03/26/2002	25 U	25 U	25 U	1600	250 U	25 U	25 U	12 U	25 U	22 J	25 U	25 U	120 U	25 U	25 U	12 J	15 J	1000	50 U	25 U
	WCC_4S_W_012401	Primary Sample	01/24/2001	50 U	50 U	50 U	2000	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	15 J	1100	100 U	50 U
	WCC-04S_022494	Primary Sample	02/24/1994	8.8	8 U	5.8	1100	80 U	6.4	4 U	4 U	5.1	8.7	4 U	4 U	80 U	20 U	4 U	4 U	7.2	980	4 U	4 U
	WCC-04S_030499	Primary Sample	03/04/1999	10 U	10 U	10 U	1700		10 U	10 U	10 U	10 U	10 U	10 U	10 U		50 U	10 U	10 U	15	1600	10 U	20 U
	WCC-04S_031495	Primary Sample	03/14/1995	4.9	8 U	9.8	400	80 U	4 U	4 U	4 U	4 U	4.9	4 U	4 U	80 U	20 U	4 U	4 U	4 U	450	4 U	8 U
	WCC-04S_031793	Primary Sample	03/17/1993	14	2 U	8	810	10 U	6	5 U	5 U	5	8	2 U	2 U	10 U	10 U	2 U	2 U	5	1200	5 U	2 U
	WCC-04S_050897	Primary Sample	05/08/1997	12 U	12 U	12 U	1000	120 U	12 U	62 U	12 U	12 U	12 U	12 U	12 U	120 U	12 U	12 U	12 U	14	1100	12 U	12 U
	WCC-04S_060893	Primary Sample	06/08/1993	12	20 U	10 U	1300	200 U	10 U	10 U	10 U	10 U	10	10 U	10 U	200 U	40 U	10 U	10 U	10 U	1800	10 U	10 U
	WCC-04S_061395	Primary Sample	06/13/1995	6.6 U	13 U	8.6	1100	130 U	7.1	6.6 U	6.6 U	6.6 U	7.9	6.6 U	6.6 U	130 U	33 U	6.6 U	6.6 U	6.6 U	1100	6.6 U	6.6 U
	WCC-04S_061494	Primary Sample	06/14/1994	5.1	8 U	4 U	800	80 U	4 U	4 U	4 U	4 U	7.1	4 U	4 U	80 U	20 U	4 U	4 U	5.2	940	4 U	12 U
	WCC-04S_061792	Primary Sample	06/17/1992	25 U		25 U	920	150 U	25 U			25 U	25 U			50 U			25 U	25 U	1500		
	WCC-04S_062100	Primary Sample	06/21/2000	10 U	10 U	10 U	1800		10 U	10 U	10 U	10 U	10 U		10 U		50 U	10 U	10 U	10 U	1300	10 U	20 U
	WCC-04S_070897	Primary Sample	07/08/1997	25 U	25 U	25 U	1300	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1200	25 U	25 U
	WCC-04S_071389	Primary Sample	07/13/1989	11		3 U	170		3 U			3 U	10						3 U	3 U	270		
	WCC-04S_071499	Primary Sample	07/14/1999	10 U	10 U	10 U	2100		10 U	10 U	10 U	10 U	12	10 U	10 U		50 U	10 U	10 U	19	1500	10 U	20 U
	WCC-04S_072497	Primary Sample	07/24/1997	25 U	25 U	25 U	940	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1200	25 U	25 U
	WCC-04S_080697	Primary Sample	08/06/1997	25 U	25 U	25 U	1000	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	560	25 U	1000	25 U	25 U
	WCC-04S_082297	Primary Sample	08/22/1997	25 U	25 U	25 U	1200	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1200	25 U	25 U
	WCC-04S_082389	Primary Sample	08/23/1989	7		5 U	360		5 U			5 U	15						5 U	5 U	410		
	WCC-04S_082593	Primary Sample	08/25/1993	10 U	20 U	10 U	1100	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	20 U	10 U	10 U	10 U	1400	10 U	10 U
	WCC-04S_090597	Primary Sample	09/05/1997	25 U	25 U	25 U	1100	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1000	25 U	25 U
	WCC-04S_090795	Primary Sample	09/07/1995	6.4	5 U	8.1	910	10 U	13	5 U	5 U	6.5	10	5 U	5 U	10 U	5 U	5 U	5 U	9.2	1200	5 U	5 U
	WCC-04S_090994	Primary Sample	09/09/1994	20 U	40 U	20 U	1000	400 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	100 U	20 U	20 U	20 U	1300	20 U	60 U
	WCC-04S_091797	Primary Sample	09/17/1997	25 U	25 U	25 U	960	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1100	25 U	25 U
	WCC-04S_092392	Primary Sample	09/23/1992	20	10 U	10 U	1400	50 U	10 U	10 U	10 U	10	10 U	10 U	10 U	50 U	20	10 U	10 U	10 U	1900	10 U	10 U
	WCC-04S_092898	Primary Sample	09/28/1998	2.5 U	18	24	890		2.5 U	2.5 U	2.5 U	5.4	12	2.5 U	2.5 U		12.5 U	2.5 U	2.5 U	8	780	2.5 U	5 U
	WCC-04S_102198	Primary Sample	10/21/1998	5 U	11	19	1100		5 U	5 U	5 U	6	11	5 U	5 U		25 U	5 U	5 U	11	970	5 U	10 U
	WCC-04S_110287	Primary Sample	11/02/1987	14			360					2								2	700		
	WCC-04S_111287	Primary Sample	11/12/1987	35			1200														690		
	WCC-04S_111891	Primary Sample	11/18/1991	20			1000														2200		
	WCC-04S_111993	Primary Sample	11/19/1993	8	8 U	17	610	80 U	4	4 U	4 U	4 U	6	4 U	4 U	80 U	20 U	4 U	9	5	700	4 U	4 U
	WCC-04S_120892	Primary Sample	12/08/1992	20	10 U	10 U	1000	50 U	10 U	10 U	10 U	10	10	10 U	10 U	50 U	50	10 U	10 U	10 U	1600	10 U	10 U
	WCC-04S_121595	Primary Sample	12/15/1995	2 U	2 U	4	1100	2 U	2	2 U	2 U	4	8	2 U	2 U		2 U	2 U	2 U	7	1200	2 U	4 U
	WCC-04S_122294	Primary Sample	12/22/1994	10 U	20 U	10 U	670	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	50 U	10 U	10 U	10 U	750	10 U	20 U
	WCC-4S_W_030496	Primary Sample	03/04/1996		5 U	5 U	710	10 U	5 U	5 U	5 U	5 U	6		5 U	10 U	5 U	5 U	5 U	6	770	5 U	5 U
	WCC-4S_W_060796	Primary Sample	06/07/1996	5 U	5 U	5 U	740	10 U	5 U	5 U	5 U	5 U	5		5 U	10 U	5 U	5 U	5 U	5 U	830	5 U	5 U
	WCC-4S_W_091996	Primary Sample	09/19/1996	25 U	25 U	25 U	980	250 U	25 U	120 U	25 U	25 U	25 U		25 U	250 U	25 U	25 U	25 U	25 U	960	25 U	25 U
	WCC-4S_W_121896	Primary Sample	12/18/1996		25 U	25 U	780	250 U	25 U	120 U	25 U	25 U	25 U		25 U	250 U	25 U	25 U	25 U	25 U	960	25 U	25 U
WCC_05S	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	5.9	10 U	1 U	1 U	0.5 U	0.51 J	1 U	1 U	1 U	5 U	1 U	0.4 J	1 U	1 U	1.5	1.2 J	1 U
	WCC_05S_WG092004_0001	Primary Sample	09/20/2004	1 U	1 U	0.68 J	7.8	10 U	1 U	1 U	0.5 U	0.59 J	0.5 J	1 U	1 U	5 U	1 U	0.37 J	1 U	1 U	2.4	1.3 J	1 U
	WCC_5S_032102_1055	Primary Sample	03/21/2002	1 U	1 U	1 U	6.2	10 U	1 U	1 U	0.5 U	0.76 J	1 U	1 U	1 U	5 U	1 U	0.42 J	5.5	1 U	1.8	0.61 J	1 U
	WCC_5S_W_012301	Primary Sample	01/23/2001	1 U	1 U	1 U	5.4	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	2.8	1 U	1.7	0.52 J	1 U
	WCC_5S_WG032503_0001	Primary Sample	03/25/2003	1 U	1 U	1.6	7.4	10 U	1 U	1 U	0.5 U	1 U	1.3	1 U	1 U	5 U	1 U	1 U	1 U	1 U	3.6	0.32 J	1 U
	WCC_5S_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	5.8	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	0.34 J	3	1 U	1.5	0.86 J	1 U
	WCC_5S_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	4.7	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	0.34 J	0.92 J	1 U	1.3	0.7 J	1 U
	WCC-05S_010888	Primary Sample	01/08/1988	10			4																
	WCC-05S_030499	Primary Sample	03/04/1999	0.5 U	0.5 U	0.5 U	11		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	2.1	0.5 U	1 U
	WCC-05S_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	1 U	1 U	1.2	1 U	10 U	1 U	1 U	1 U	1 U	3.1	1 U	1 U
	WCC-05S_061094DUP	Field Duplicate	06/10/1994	2 U	4 U	2 U	25	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	20 U	2 U	2 U	2 U	3.4	2 U	6 U
	WCC-05S_062200	Primary Sample	06/22/2000	0.5 U	0.5 U	0.5 U	9		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	2.7	0.5 U	1 U
	WCC-05S_070297	Primary Sample	07/02/1997	1 U	1 U	1 U	11	10 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.1	1 U	1 U
	WCC-05S_071389DUP	Field Duplicate	07/13/1989	12		1 U	3		1 U			1 U	6						1 U	1 U	5 U		
	WCC-05S_071599	Primary Sample	07/15/1999	0.5 U	0.5 U	0.5 U	14		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	2.3	0.5 U	1 U
	WCC-05S_072397	Primary Sample	07/23/1997	1 U	1 U	1 U	12	10 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	9.8	1 U	14	1 U	1 U
	WCC-05S_080597	Primary Sample	08/05/1997	1.2	1 U	1 U	18	10 U	1 U	5 U	1 U	1 U	1	1.2	1 U	10 U	1 U	1 U	23	1 U	31	1 U	1 U
	WCC-05S_082097	Primary Sample	08/20/1997	1 U	1 U	1 U	12	10 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	2.1	1 U	1 U
	WCC-05S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	23	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	4 U	2 U	2 U	2 U	5	2 U	2 U
	WCC-05S_090497	Primary Sample	09/04/1997	1.6	1 U	1 U	19	10 U	1 U	5 U	1 U	1 U	1.6	1 U	1 U	10 U	1 U	1 U	33	1 U	32	1 U	1 U
	WCC-05S_091697	Primary Sample	09/16/1997	1.8	1 U	1 U	19	10 U	1 U	5 U	1 U	1 U	1.5	1 U	1 U	10 U	1 U	1 U	38	1 U	40	1 U	1 U
	WCC-05S_092898	Primary Sample	09/28/1998	1.6	0.5 U	0.5 U	17		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	4.5	0.5 U	1 U
	WCC-05S_102098	Primary Sample	10/20/1998	0.5 U	0.5 U	0.5 U	17		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	3.7	0.5 U	1 U
	WCC-05S_113087	Primary Sample	11/30/1987	1			7												1				
	WCC-05S_121295	Primary Sample	12/12/1995	2 U	2 U	2 U	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	3	2 U	4 U
	WCC-5S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	20	40 U	2 U	4	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	4	2 U	4 U
	WCC-5S_W_022996	Primary Sample	02/29/1996	5 U	5 U	5 U	10	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-5S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	2.8	2 U	4 U
	WCC-5S_W_031693	Primary Sample	03/16/1993	2 U	2 U	2 U	18	10 U	2 U	2 U	2 U	2 U	2 U		2 U	10 U	10 U	2 U	2 U	2 U	4	2 U	2 U
	WCC-5S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	9	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-5S_W_060793	Primary Sample	06/07/1993	2 U	2 U	2 U	22	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	4 U	4 U	2 U	2 U	4	2 U	2 U
	WCC-5S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	25	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	20 U	2 U	2 U	2 U	3.4	2 U	4 U
	WCC-5S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	19	40 U	2 U	2.2	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	3.2	2 U	4 U
	WCC-5S_W_061592	Primary Sample	06/15/1992	5 U	5 U	5 U	28	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	7		5 U
	WCC-5S_W_071389	Primary Sample	07/13/1989	13	1 U	1 U	3	5 U	1 U	1 U	1 U	1 U	6		1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
	WCC-5S_W_082389	Primary Sample	08/23/1989	12	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	4		1 U	5 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U
	WCC-5S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	18	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-5S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	18	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	3.3	2 U	4 U
	WCC-5S_W_091896	Primary Sample	09/18/1996	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	1 U	1 U	1.2	1 U	10 U	1 U	1 U	1 U	1 U	3.1	1 U	1 U
	WCC-5S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	21	5 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	8	1 U	1 U	1 U	5	1 U	1 U
	WCC-5S_W_111893	Primary Sample	11/18/1993	2 U	4 U	2 U	21	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	3	2 U	2 U
	WCC-5S_W_111991	Primary Sample	11/19/1991	5 U	5 U	5 U	20	10 U	1 U	5 U	5 U	5 U	5 U		5 U	10 U	15	5 U	7	5 U	8	5 U	5 U
	WCC-5S_W_120792	Primary Sample	12/07/1992	1 U	1 U	1 U	21	5 U	1 U	1 U	1 U	1 U	1 U		1 U	5 U	3	1 U	1 U	1 U	5	1 U	1 U
	WCC-5S_W_121796	Primary Sample	12/17/1996	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	1 U	1 U	2	1 U	10 U	1 U	1 U	1 U	1 U	2.4	1 U	1 U
	WCC-5S_W_122194	Primary Sample	12/21/1994	2 U	4 U	2 U	18	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	2.9	2 U	4 U
	WCC-5S_W_122195	Primary Sample	12/21/1995	2 U	2 U	2 U	15		2 U	2 U	2 U	2 U	2 U		2 U		2 U	2 U	2 U	2 U	3	2 U	2 U

BOE-C6-0067819

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_06S	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	36 J	100 U	140	5100	1000 U	38 J	100 U	50 U	100 U	2600	100 U	100 U	500 U	100 U	100 U	4600	120	360	200 U	100 U
	WCC_6S_032602_1550	Primary Sample	03/26/2002	780	120 U	190	10000	1200 U	68 J	120 U	62 U	40 J	4100	120 U	120 U	620 U	120 U	120 U	2500	200	2000	250 U	120 U
	WCC_6S_07192001_0002	Field Equipment Bla	07/19/2001	1 U	1 U	1 U	0.38	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	2.8	1 U	0.37 J	2 U	1 U
	WCC_6S_07192001_1017	Primary Sample	07/19/2001	540	14	74		50 U	27	5 U	2.5 U	14	990	5 U	7.6	25 U	5 U	5 U	360	110	1900	10 U	38
	WCC_6S_W_012201	Primary Sample	01/22/2001	770	100 U	79 J	4600	1000 U	100 U	100 U	50 U	100 U	1300	100 U	100 U	500 U	100 U	100 U	1200	120	1700	200 U	100 U
	WCC_6S_WG032503_0001	Primary Sample	03/25/2003	210	120 U	230	9400	1200 U	67 J	120 U	62 U	38 J	4900	120 U	120 U	620 U	120 U	120 U	7700	200	400	250 U	120 U
	WCC-06S_030699	Primary Sample	03/06/1999	300	50 U	110	9500		51	50 U	50 U	50 U	510	50 U	50 U		250 U	50 U	760	140	5000	50 U	100 U
	WCC-06S_050997	Primary Sample	05/09/1997	720	100 U	100 U	6800	1000 U	100 U	500 U	100 U	100 U	1100	100 U	100 U	1000 U	100 U	100 U	1800	100 U	1900	100 U	100 U
	WCC-06S_050997DUP	Field Duplicate	05/09/1997	740	100 U	100 U	7000	1000 U	100 U	500 U	100 U	100 U	1200	100 U	100 U	1000 U	100 U	100 U	1800	120	2000	100 U	100 U
	WCC-06S_061394DUP	Field Duplicate	06/13/1994	1500	200 U	100 U	6300	2000 U	100 U	10 U	100 U	100 U	1400	10 U	100 U	2000 U	500 U	100 U	13000 U	100	1300	100 U	300 U
	WCC-06S_062600	Primary Sample	06/26/2000	1600	25 U	76	5300		43	25 U	25 U	25 U	2000		25 U		125 U	25 U	4700	91	1500	25 U	50 U
	WCC-06S_070897	Primary Sample	07/08/1997	410	100 U	100 U	3600	1000 U	100 U	500 U	100 U	100 U	540	100 U	100 U	1000 U	100 U	100 U	2400	100 U	950	100 U	100 U
	WCC-06S_071699	Primary Sample	07/16/1999	390	50 U	94	7300		50 U	50 U	50 U	50 U	1000	50 U	50 U		250 U	50 U	860	130	3000	50 U	100 U
	WCC-06S_072497	Primary Sample	07/24/1997	320	100 U	100 U	2700	1000 U	100 U	500 U	100 U	100 U	510	100 U	100 U	1000 U	100 U	100 U	1600	100 U	820	100 U	100 U
	WCC-06S_080697	Primary Sample	08/06/1997	630	100 U	100 U	7700	1000 U	100 U	500 U	100 U	100 U	1400	100 U	100 U	1000 U	100 U	100 U	3100	110	2100	100 U	100 U
	WCC-06S_082593	Primary Sample	08/25/1993	2100	200 U	100 U	5400	2000 U	100 U	100 U	100 U	100 U	630	100 U	100 U	7600	200 U	100 U	19000	130	1900	100 U	100 U
	WCC-06S_090795DUP	Field Duplicate	09/07/1995	310	1	70	3800	10 U	56	5 U	5 U	19	2200	5 U	5 U	11	5 U	5 U	2500	99	520	5 U	1
	WCC-06S_091897	Primary Sample	09/18/1997	500	100 U	100 U	5500	1000 U	100 U	500 U	100 U	100 U	910	100 U	100 U	1000 U	100 U	100 U	1800	100 U	1600	100 U	100 U
	WCC-06S_091996DUP	Field Duplicate	09/19/1996	950	100 U	110	8800	1000 U	100 U	500 U	100 U	100 U	1800	100 U	100 U	1000 U	100 U	100 U	4300	160	2200	100 U	100 U
	WCC-06S_092398	Primary Sample	09/23/1998	38	12.5 U	16	2800		12.5 U	12.5 U	12.5 U	12.5 U	210	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	22	1500	12.5 U	25 U
	WCC-06S_102298	Primary Sample	10/22/1998	19	10 U	20	2800		12	10 U	10 U	10 U	100	10 U	10 U		50 U	10 U	10 U	33	1700	10 U	20 U
	WCC-06S_120992DUP	Field Duplicate	12/09/1992	1400	100	100 U	5600	600 U	100 U	100 U	100 U	100 U	200	100 U	10 U	5000	200	10 U	10000	200	3200	100 U	100 U
	WCC-06S_121996DUP	Field Duplicate	12/19/1996	820	100 U	100 U	8300	1000 U	100 U	500 U	100 U	100 U	1000	100 U	100 U	1000 U	100 U	100 U	3000	130	2600	100 U	100 U
	WCC-6S_W_022494	Primary Sample	02/24/1994	2200	74	91	11000	230	52	10 U	10 U	21	1400		10 U	4400	50 U	10	20000	140	1800	10 U	58
	WCC-6S_W_030496	Primary Sample	03/04/1996	1600	61	93	8300	100 U	56	50 U	50 U	50 U	2000		50 U	200 U	50 U	50 U	3900	140	2000	50 U	50 U
	WCC-6S_W_031495	Primary Sample	03/14/1995	200	20 U	38	3000	400 U	25	20 U	20 U	20 U	850		20 U	400 U	100 U	20 U	2300	60	930	20 U	20 U
	WCC-6S_W_031793	Primary Sample	03/17/1993	1200	10 U	50	3200	50 U	40	25 U	25 U	15	10 U		10 U	3800	50 U	10 U	10000	80	1400	25 U	20
	WCC-6S_W_060796	Primary Sample	06/07/1996	1700	53	88	9300	50 U	54	25 U	25 U	25 U	3000		25 U	960	25 U	25 U	6500	120	2400	25 U	25 U
	WCC-6S_W_060893	Primary Sample	06/08/1993	1900	100 U	100 U	5500	2000 U	100 U	100 U	100 U	100 U	260		100 U	7800	200 U	100 U	21000	120	2100	100 U	100 U
	WCC-6S_W_061394	Primary Sample	06/13/1994	1900	69	87	5800	200 U	52	10 U	10 U	18	1600	10 U	10 U	1400	50 U	10 U	12000	130	1400	50 U	51
	WCC-6S_W_061395	Primary Sample	06/13/1995	810	60	130	9800	400 U	82	20 U	20 U	28	4200		20 U	400 U	100 U	20 U	8400	180	510	20 U	20 U
	WCC-6S_W_061792	Primary Sample	06/17/1992	2100	500 U	500 U	5400	3000 U	500 U	500 U	500 U	500 U	500 U		500 U	1000 U	500 U	500 U	15000	500 U	3000	500 U	500 U
	WCC-6S_W_090795	Primary Sample	09/07/1995	370	48	55	4300	10 U	50	5 U	5 U	14	2400		5 U	12	5 U	5 U	2900	83	620	5 U	21
	WCC-6S_W_091996	Primary Sample	09/19/1996	890	250 U	250 U	8800	2500 U	250 U	1200 U	250 U	250 U	1800		250 U	2500 U	250 U	250 U	4000	250	2000	250 U	250 U
	WCC-6S_W_092392	Primary Sample	09/23/1992	1300	96	94	5900	78	67	1 U	1 U	20	200		5	3600	5	1 U	10000	170	3100	1 U	26
	WCC-6S_W_100689	Primary Sample	10/06/1989	130	4	4	210	5 U	1 U	1 U	1 U	1 U	12		1 U	5 U	5 U	1 U	1 U	7	140	1 U	1 U
	WCC-6S_W_111691	Primary Sample	11/16/1991	5000	1000 U	1000 U	5800	2000 U	200 U	1000 U	1000 U	1000 U	1000 U		1000 U	21000	1000 U	1000 U	35000	1000 U	3000	1000 U	1000 U
	WCC-6S_W_111993	Primary Sample	11/19/1993	440	10 U	42	2200	200 U	24	10 U	10 U	10 U	480		10 U	3100	50 U	10 U	4900	57	670	10 U	10 U
	WCC-6S_W_120992	Primary Sample	12/09/1992	680	60	80	3700	300 U	80	50 U	50 U	50 U	200	50 U	50 U	2000	100	50 U	5000	100	2700	50 U	50 U
	WCC-6S_W_121695	Primary Sample	12/16/1995	1400	76	120	1100		66	2 U	2 U	28	2600	2 U	5		2 U	2 U	4900	160	2000	2 U	28
	WCC-6S_W_121996	Primary Sample	12/19/1996	680	100 U	100 U	7000	1000 U	100 U	500 U	100 U	100 U	880	100 U	100 U	1000 U	100 U	100 U	2600	110	2200	100 U	100 U
	WCC-6S_W_122294	Primary Sample	12/22/1994	1300	200 U	200 U	9100	4000 U	200 U	200 U	200 U	200 U	2500		200 U	4000 U	1000 U	200 U	16000	200 U	1900	200 U	200 U
WCC_07S	WCC_7S_032502_1135	Primary Sample	03/25/2002	2 U	1.5 J	0.87 J	120	20 U	2 U	2 U	1 U	2 U	5	2 U	2 U	10 U	2 U	2 U	0.72 J	2 U	100	4 U	2 U
	WCC_7S_D_012401	Primary Sample	01/24/2001	2.5 U	1.3 J	2.5 U	130	25 U	2.5 U	2 J	1.2 U	0.54 J	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	8.8	2.5 U	140	5 U	2.5 U
	WCC_7S_W_012401	Primary Sample	01/24/2001	5 U	5 U	5 U	200	50 U	5 U	5 U	2.5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	9	5 U	140	10 U	5 U
	WCC_7S_WG032603_0001	Primary Sample	03/28/2003	2.5 U	1.4 J	1 J	170	25 U	2.5 U	2.5 U	1.2 U	2.5 U	2.1 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	120	5 U	2.5 U
	WCC-07S_030499	Primary Sample	03/04/1999	1 U	1 U	1 U	160		1 U	1 U	1 U	1 U	1.1	1 U	1 U		5 U	1 U	1 U	1 U	170	1 U	2 U
	WCC-07S_050897	Primary Sample	05/08/1997	2.5 U	2.5 U	2.5 U	120	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	140	2.5 U	2.5 U
	WCC-07S_061395DUP	Field Duplicate	06/13/1995	2 U	4 U	2 U	98	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	220	2 U	4 U
	WCC-07S_062200	Primary Sample	06/22/2000	0.5 U	1.7	1.1	190		0.5 U	0.5 U	0.5 U	0.67	1.1		0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	170	0.5 U	1 U
	WCC-07S_070297	Primary Sample	07/02/1997	2 U	2 U	2 U	130	20 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	150	2 U	2 U
	WCC-07S_071499	Primary Sample	07/14/1999	1 U	1 U	1 U	32		1 U	1 U	1 U	1 U	9.3	1 U	1 U		5 U	1 U	1 U	1 U	120	1 U	2 U
	WCC-07S_072497	Primary Sample	07/24/1997	2 U	2 U	2 U	67	20 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	8	2 U	130	2 U	2 U
	WCC-07S_080697	Primary Sample	08/06/1997	2 U	2 U	2 U	130	20 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	16	2 U	160	2 U	2 U
	WCC-07S_082197	Primary Sample	08/21/1997	2 U	2 U	2 U	120	20 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-07S_082593	Primary Sample	08/25/1993	4 U	8 U	4 U	70	80 U	4 U	4 U	4 U	4 U	4	4 U	4 U	80 U	31	4 U	4 U	4 U	210	4 U	4 U
	WCC-07S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	3.1	120	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	17	2.5 U	150	2.5 U	2.5 U
	WCC-07S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	110	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	21	2.5 U	160	2.5 U	2.5 U
	WCC-07S_092898	Primary Sample	09/28/1998	1.25 U	1.7	1.4	300		1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U		6.25 U	1.25 U	1.25 U	1.25 U	250	1.25 U	2.5 U
	WCC-07S_102198	Primary Sample	10/21/1998	1 U	2	1	300		1 U	1 U	1 U	1 U	1	1 U	1 U		5 U	1 U	1 U	1 U	240	1 U	2 U
	WCC-7S_W_022494	Primary Sample	02/24/1994	2 U	4 U	2 U	75	40 U	2 U	2 U	2 U	2 U	2.5		2 U	40 U	10 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-7S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	91	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	120	5 U	5 U
	WCC-7S_W_031495	Primary Sample	03/14/1995	2 U	4 U	2 U	53	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	84	2 U	2 U
	WCC-7S_W_031793	Primary Sample	03/17/1993	2 U	2 U	2 U	77	10 U	2 U	5 U	5 U	2 U	4		2 U	10 U	10 U	2 U	2 U	2 U	200	5 U	2 U
	WCC-7S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	120	40 U	2 U	2 U	2 U	2 U	4		2 U	40 U	4 U	2 U	2 U	2 U	330	2 U	2 U
	WCC-7S_W_060796	Primary Sample	06/07/1996	5 U	5 U	5 U	100	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	130	5 U	5 U
	WCC-7S_W_061394	Primary Sample	06/13/1994	2 U	4 U	2 U	58	40 U	2 U	2 U	2 U	2 U	2.5		2 U	40 U	10 U	2 U	2 U	2 U	110	2 U	2 U
	WCC-7S_W_061395	Primary Sample	06/13/1995	2 U	4 U	2 U	110	40 U	2 U	8.7	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	230	2 U	2 U
	WCC-7S_W_061792	Primary Sample	06/17/1992	5 U	5 U	5 U	230	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	560	5 U	5 U
	WCC-7S_W_071389	Primary Sample	07/13/1989	110		10 U	850		10 U			10 U	26			50 U			10 U	11	1300		
	WCC-7S_W_082389	Primary Sample	08/23/1989	66		30 U	1100		30 U			30 U	31			100 U			30 U	30 U	1400		
	WCC-7S_W_090795	Primary Sample	09/07/1995	5 U	5 U	5 U	150	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	200	5 U	5 U
	WCC-7S_W_090894	Primary Sample	09/08/1994	2 U	4 U	13	50	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	250	2 U	2 U
	WCC-7S_W_091996	Primary Sample	09/19/1996	2 U	2 U	2 U	120	20 U	2 U	10 U	2 U	2 U	2 U		2 U	20 U	2 U	2 U	2 U	2 U	150	2 U	2 U
	WCC-7S_W_092392	Primary Sample	09/23/1992	5 U	5 U	5 U	140	30 U	5 U	5 U	5 U	5 U	5 U		5 U	30 U	10	5 U	5 U	5 U	570	5 U	5 U
	WCC-7S_W_111891	Primary Sample	11/18/1991	50 U	50 U	50 U	390	100 U	10 U	50 U	50 U	50 U	50 U		50 U	100 U	100 U	50 U	50 U	50 U	1200	50 U	50 U
	WCC-7S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	56	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-7S_W_120892	Primary Sample	12/08/1992	5 U	5 U	5 U	140	30 U	5 U	5 U	5 U	5 U	5 U		5 U	30 U	10	5 U	5 U	5 U	430	5 U	5 U
	WCC-7S_W_121595	Primary Sample	12/15/1995	2 U	2 U	2 U	98		2 U	2 U	2 U	2 U	2 U		2 U		2 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-7S_W_121896	Primary Sample	12/18/1996	2 U	2 U	2 U	99	20 U	2 U	10 U	2 U	2 U	2 U		2 U	20 U	2 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-7S_W_122294	Primary Sample	12/22/1994	2 U	4 U	2 U	94	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	94	2 U	2 U

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TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_08S	WCC-08S_030196DUP	Field Duplicate	03/01/1996	120	20 U	20 U	3600	40 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	41	2200	20 U	40 U
	WCC-08S_050897	Primary Sample	05/08/1997	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	51	1600	50 U	50 U
	WCC-08S_061792DUP	Field Duplicate	06/17/1992	180		50 U	2300	300 U	50 U			50 U	50 U			100 U			50 U	50 U	2600		
	WCC-08S_070897	Primary Sample	07/08/1997	50 U	50 U	50 U	3200	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	WCC-08S_072497	Primary Sample	07/24/1997	50 U	50 U	50 U	2500	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	WCC-08S_080697	Primary Sample	08/06/1997	2.5 U	2.5 U	2.5 U	130	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	16	2.5 U	160	2.5 U	2.5 U
	WCC-08S_082297	Primary Sample	08/22/1997	50 U	50 U	50 U	2800	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	WCC-08S_082593	Primary Sample	08/25/1993	330	40 U	20 U	3100	400 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	40 U	20 U	20 U	45	2200	20 U	20 U
	WCC-08S_090597	Primary Sample	09/05/1997	50 U	50 U	50 U	2500	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1600	50 U	50 U
	WCC-08S_091797	Primary Sample	09/17/1997	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1800	50 U	50 U
	WCC-08S_111996	Primary Sample	11/19/1996	330	40 U	20 U	3300	400 U	24	20 U	20 U	20 U	20 U	20 U	20 U	400 U	100 U	20 U	20 U	50	2000	20 U	20 U
	WCC-8S_W_022494	Primary Sample	02/24/1994	20 U	40 U	20 U	1800	400 U	39	20 U	20 U	20 U	33		2 U	400 U	100 U	20 U	20 U	21	2700	20 U	20 U
	WCC-8S_W_030196	Primary Sample	03/01/1996	120	20 U	20 U	3500	40 U	20 U	20 U	20 U	20 U	20 U		20 U	40 U	20 U	20 U	20 U	40	2100	20 U	20 U
	WCC-8S_W_031495	Primary Sample	03/14/1995	220	80 U	40 U	4500	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	40 U	41	2600	40 U	80 U
	WCC-8S_W_031793	Primary Sample	03/17/1993	180	2 U	11	1800	10 U	15	5 U	5 U	10	15		2 U	10 U	10 U	2 U	2 U	26	1500	5 U	2 U
	WCC-8S_W_060796	Primary Sample	06/07/1996	91	5 U	11	3300	10 U	5 U	5 U	5 U	10	12		5 U	10 U	5 U	5 U	5 U	32	2000	5 U	5 U
	WCC-8S_W_060893	Primary Sample	06/08/1993	300	40 U	20 U	3000	400 U	20 U	20 U	20 U	20 U	20 U		2 U	400 U	100 U	20 U	20 U	40	2000	20 U	20 U
	WCC-8S_W_061394	Primary Sample	06/13/1994	290	80 U	40 U	4100	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	40 U	44	2200	40 U	40 U
	WCC-8S_W_061395	Primary Sample	06/13/1995	150	40 U	40 U	4200	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	40 U	40 U	2400	40 U	40 U
	WCC-8S_W_061792	Primary Sample	06/17/1992	180	25 U	25 U	2200	150 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	25 U	25 U	2400		25 U
	WCC-8S_W_071389	Primary Sample	07/13/1989	160	5 U	5 U	430	30 U	5 U	5 U	5 U	5 U	7		10 U	30 U	30 U	5 U	5 U	9	240	5 U	5 U
	WCC-8S_W_082389	Primary Sample	08/23/1989	130	5 U	5 U	820	30 U	5 U	5 U	5 U	5 U	7		10 U	30 U	30 U	5 U	5 U	5 U	430	5 U	5 U
	WCC-8S_W_090795	Primary Sample	09/07/1995	110	5 U	10	2200	10 U	22	5 U	5 U	9	15	5 U	5 U	10 U	5 U	5 U	5 U	28	1700	5 U	5 U
	WCC-8S_W_090994	Primary Sample	09/09/1994	280	100 U	50 U	4600	1000 U	50 U	50 U	50 U	50 U	50 U		50 U	1000 U	250 U	50 U	50 U	50 U	3100	50 U	100 U
	WCC-8S_W_091996	Primary Sample	09/19/1996	59	50 U	50 U	3400	500 U	50 U	250 U	50 U	50 U	50 U		50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	WCC-8S_W_092392	Primary Sample	09/23/1992	200	20 U	20 U	2800	100 U	20 U	20 U	20 U	20	20 U		5 U	100 U	40	20 U	20 U	20	3100	20 U	20 U
	WCC-8S_W_111591	Primary Sample	11/15/1991	400	125 U	125 U	2600	250 U	25 U	125 U	125 U	125 U	125 U		125 U	250 U	125 U	125 U	125 U	125 U	3000	250 U	125 U
	WCC-8S_W_111993	Primary Sample	11/19/1993	330	40 U	20 U	3300	400 U	24	20 U	20 U	20 U	20 U		2 U	400 U	100 U	20 U	20 U	50	2000	20 U	20 U
	WCC-8S_W_120892	Primary Sample	12/08/1992	100	20 U	20 U	2000	100 U	20	20	20 U	20	20		20 U	100 U	30	20 U	20 U	30	2500	20 U	20 U
	WCC-8S_W_121595	Primary Sample	12/15/1995	120	2 U	16	4200		10	2 U	2 U	2 U	18		2 U		2 U	2 U	2 U	39	2300	2 U	2 U
	WCC-8S_W_121896	Primary Sample	12/18/1996	61	50 U	50 U	3000	500 U	50 U	250 U	50 U	50 U	50 U		50 U	500 U	50 U	50 U	50 U	50 U	2000	50 U	50 U
	WCC-8S_W_122294	Primary Sample	12/22/1994	230	80 U	20 U	4000	400 U	25	20 U	20 U	20 U	20 U		20 U	400 U	100 U	20 U	20 U	43	2100	20 U	20 U
WCC_09S	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	1 U	1 U	1.9	4.5	10 U	1 U	1 U	0.5 U	9.2	5.1	1 U	1 U	5 U	1 U	0.55 J	1 U	1 U	56	0.92 J	1 U
	WCC_9S_032202_1440	Primary Sample	03/22/2002	1 U	1 U	1.4	5.3	10 U	1 U	1 U	0.5 U	24	3.1	1 U	1 U	5 U	1 U	1 U	0.42 J	1 U	52	0.54 J	1 U
	WCC_9S_W_011901	Primary Sample	01/19/2001	1 U	1 U	1.3		10 U	1 U	1 U	0.5 U	6.8	1 U	1 U	1 U	5 U	1 U	1 U	8.7	1 U	73	0.54 J	1 U
	WCC_9S_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1.1	3.7	10 U	1 U	1 U	0.5 U	12	3.2	1 U	1 U	5 U	1 U	0.31 J	1 U	1 U	29	0.4 J	1 U
	WCC-09S_030299	Primary Sample	03/02/1999	0.5 U	0.5 U	0.5 U	7		0.5 U	0.5 U	0.5 U	14	2	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	44	0.5 U	1 U
	WCC-09S_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	2	10 U	1 U	5 U	1 U	3.5	3	1	1 U	10 U	1 U	1 U	1 U	1 U	16	1 U	1 U
	WCC-09S_060793DUP	Field Duplicate	06/07/1993	2 U	4 U	2 U	11	40 U	2 U	2 U	2 U	17	20 U	2 U	2 U	40 U	4 U	2 U	2 U	20 U	39	2 U	2 U
	WCC-09S_061295DUP	Field Duplicate	06/12/1995	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	6	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	21	2 U	4 U
	WCC-09S_062000	Primary Sample	06/20/2000	0.5 U	0.5 U	0.5 U	14		0.5 U	0.5 U	0.5 U	49	0.5 U		0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	78	0.5 U	1 U
	WCC-09S_070297	Primary Sample	07/02/1997	1 U	1 U	1 U	4	10 U	1 U	5 U	1 U	1 U	1.9	1 U	1 U	10 U	1 U	1 U	1 U	6.7	29	1 U	1 U
	WCC-09S_071399	Primary Sample	07/13/1999	0.5 U	0.5 U	0.5 U	12		0.5 U	0.5 U	0.5 U	24	2.2	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	56	0.5 U	1 U
	WCC-09S_072397	Primary Sample	07/23/1997	1 U	1 U	1 U	8	10 U	1 U	5 U	1 U	1 U	2	1 U	1 U	10 U	1 U	1 U	12	7.6	43	1 U	1 U
	WCC-09S_080597	Primary Sample	08/05/1997	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	8.2	2.6	1 U	1 U	10 U	1 U	1 U	20	1 U	51	1 U	1 U
	WCC-09S_080597DUP	Field Duplicate	08/05/1997	1 U	1 U	1 U	4	10 U	1 U	5 U	1 U	1 U	1.3	1 U	1 U	10 U	1 U	1 U	16	1 U	20	1 U	1 U
	WCC-09S_082097	Primary Sample	08/20/1997	1 U	1 U	1 U	6	10 U	1 U	5 U	1 U	1 U	2	1 U	1 U	10 U	1 U	1 U	1 U	9	31	1 U	1 U
	WCC-09S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	5	40 U	2 U	2 U	2 U	2 U	4	2 U	2 U	40 U	4 U	2 U	2 U	2 U	26	2 U	2 U
	WCC-09S_090497	Primary Sample	09/04/1997	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	1 U	2.4	1 U	1 U	10 U	1 U	1 U	24	8.2	48	1 U	1 U
	WCC-09S_091697	Primary Sample	09/16/1997	1 U	1 U	1.3	10	10 U	1 U	5 U	1 U	1 U	2.4	1 U	1 U	10 U	1 U	1 U	25	8.1	58	1 U	1 U
	WCC-09S_091697DUP	Field Duplicate	09/16/1997	1.4	1 U	1 U	11	10 U	1 U	5 U	1 U	8	2.4	1 U	1 U	10 U	1 U	1 U	30	1 U	59	1 U	1 U
	WCC-09S_092398	Primary Sample	09/23/1998	3.5	1 U	1 U	17		1 U	1 U	1 U	12	1 U	1 U	1 U		5 U	1 U	1 U	1 U	130	1 U	2 U
	WCC-09S_102198	Primary Sample	10/21/1998	0.5 U	0.5 U	0.5 U	14		0.5 U	0.5 U	0.5 U	20	0.5 U	0.5 U	0.5 U		2.5 U	1	0.5 U	0.5 U	120	0.5 U	1 U
	WCC-09S_122194DUP	Field Duplicate	12/21/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	3.1	3.3	2 U	2 U	40 U	10 U	2 U	2 U	2 U	26	2 U	4 U
	WCC-9S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	4	2	2 U	2 U	40 U	10 U	2 U	2 U	2 U	31	2 U	2 U
	WCC-9S_W_022996	Primary Sample	02/29/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	17	5 U	5 U
	WCC-9S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	7	40 U	2 U	2 U	2 U	8.4	2 U		2 U	40 U	10 U	2 U	2 U	2 U	56	2 U	2 U
	WCC-9S_W_031693	Primary Sample	03/16/1993	2 U	2 U	5 U	6	10 U	2 U	5 U	5 U	11	3		5 U	10 U	10 U	2 U	2 U	5 U	23	2 U	2 U
	WCC-9S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	15	5 U	5 U
	WCC-9S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	11	40 U	2 U	2 U	2 U	18	2 U		2 U	40 U	4 U	2 U	2 U	2 U	42	2 U	2 U
	WCC-9S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	2.5	4.4		2 U	40 U	20 U	2 U	2 U	2 U	28	2 U	2 U
	WCC-9S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	6.4	2 U		2 U	40 U	10 U	2 U	2 U	2 U	23	2 U	2 U
	WCC-9S_W_061592	Primary Sample	06/15/1992	5 U	5 U	5 U	7	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	42	5 U	5 U
	WCC-9S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	11	10 U	5 U	5 U	5 U	19	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	64	5 U	5 U
	WCC-9S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	4 U		2 U	2 U	2 U	4.1	2.7		2 U	40 U	10 U	2 U	2 U	2 U	38	2 U	2 U
	WCC-9S_W_091896	Primary Sample	09/18/1996	1 U	1 U	1 U	2.2	10 U	1 U	5 U	1 U	3.9	2.9	1.1	1 U	10 U	1 U	1 U	1 U	1 U	17	1 U	1 U
	WCC-9S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	6	5 U	1 U	1 U	1 U	6	2		1 U	5 U	10	1 U	1 U	1 U	45	1 U	1 U
	WCC-9S_W_100689	Primary Sample	10/06/1989	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	7		1 U	5 U	1 U	1 U	1 U	1 U	15	1 U	1 U
	WCC-9S_W_111893	Primary Sample	11/18/1993	2 U	4 U	2 U	5	40 U	2 U	2 U	2 U	7	2 U		2 U	40 U	10 U	2 U	2 U	2 U	43	2 U	2 U
	WCC-9S_W_111991	Primary Sample	11/19/1991	5 U	5 U	5 U	5 U	10 U	1 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	WCC-9S_W_120792	Primary Sample	12/07/1992	1 U	1 U	1 U	10	5 U	1 U	1 U	1 U	12	1 U		1 U	5 U	3	1 U	1 U	1 U	51	1 U	1 U
	WCC-9S_W_121295	Primary Sample	12/12/1995	2 U	2 U	2 U	4		2 U	2 U	2 U	4	3		2 U		2 U	2 U	2 U	2 U	18	2 U	2 U
	WCC-9S_W_121796	Primary Sample	12/17/1996	1 U	1 U	1 U	2.8	10 U	1 U	5 U	1 U	3.5	2.8	1.5	1 U	10 U	1 U	1 U	1 U	1 U	18	1 U	1 U
	WCC-9S_W_122194	Primary Sample	12/21/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	3	3.1		2 U	40 U	10 U	2 U	2 U	2 U	22	2 U	2 U

BOE-C6-0067821

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_10S	WCC_10S_W_011801	Primary Sample	01/18/2001	2.5 U	2.5 U	2.5 U		25 U	2.5 U	2.5 U	1.2 U	1.5 J	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	94	5 U	2.5 U
	WCC-10S_030299	Primary Sample	03/02/1999	0.5 U		0.5 U	29		0.5 U			2.5	0.92						0.5 U	0.5 U	150		
	WCC-10S_031395DUP	Field Duplicate	03/13/1995	2 U	4 U	2 U	19	40 U	2 U	2 U	2 U	2.2	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	120	2 U	4 U
	WCC-10S_040899	Primary Sample	04/08/1999	0.5 U	0.5 U	0.5 U	29		0.5 U	0.5 U	0.92	2.5	0.92	0.5 U	0.5 U		2.5 U	2.5	0.5 U	0.5 U	150	0.5 U	1 U
	WCC-10S_050797	Primary Sample	05/07/1997	2.5 U	2.5 U	2.5 U	29	25 U	2.5 U	12 U	2.5 U	3.2	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	160	2.5 U	2.5 U
	WCC-10S_062200	Primary Sample	06/22/2000	0.5 U	0.5 U	0.94	34		0.5 U	0.5 U	1.3	2.8	0.5 U		0.5 U		2.5 U	3	0.5 U	0.5 U	160	0.5 U	1 U
	WCC-10S_070297	Primary Sample	07/02/1997	2 U	2 U	2 U	25	20 U	2 U	10 U	2 U	2.5	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-10S_071389DUP	Field Duplicate	07/13/1989	1 U		1 U	1		1 U			3	1 U						1 U	1 U	87		
	WCC-10S_071499	Primary Sample	07/14/1999	1 U	1.2	1 U	190		1 U	1 U	1 U	1 U	1.3	1 U	1 U		5 U	1 U	1 U	1 U	200	1 U	1 U
	WCC-10S_072397	Primary Sample	07/23/1997	2 U	2 U	2 U	26	20 U	2 U	10 U	2 U	2.8	2 U	2 U	2 U	20 U	2 U	2 U	10	2 U	150	2 U	2 U
	WCC-10S_072397DUP	Field Duplicate	07/23/1997	2 U	2 U	2 U	26	20 U	2 U	10 U	2 U	2.9	2 U	2 U	2 U	20 U	2 U	2 U	10	2 U	150	2 U	2 U
	WCC-10S_080597	Primary Sample	08/05/1997	2.5 U	2.5 U	2.5 U	30	25 U	2.5 U	12 U	2.5 U	2.6	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	15	2.5 U	140	2.5 U	2.5 U
	WCC-10S_082197	Primary Sample	08/21/1997	2 U	2 U	2 U	25	20 U	2 U	10 U	2 U	2.6	2 U	2 U	2 U	20 U	2 U	2 U	2 U	2 U	120	2 U	2 U
	WCC-10S_082593	Primary Sample	08/25/1993	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	120	2 U	2 U
	WCC-10S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	2.5 U	28	25 U	2.5 U	12 U	2.5 U	2.7	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	18	2.5 U	140	2.5 U	2.5 U
	WCC-10S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	29	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	23	2.5 U	150	2.5 U	2.5 U
	WCC-10S_092192DUP	Field Duplicate	09/21/1992	1 U	1 U	1 U	9	5 U	1 U	1 U	1	4	1 U	1 U	1 U	5 U	8	1 U	1 U	1 U	110	1 U	1 U
	WCC-10S_122294DUP	Field Duplicate	12/22/1994	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	3.1	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	99	2 U	4 U
	WCC-10S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	10	4 U	2 U	2 U	2 U	5	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	110	2 U	2 U
	WCC-10S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	20	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	120	5 U	5 U
	WCC-10S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	19	40 U	2 U	2 U	2 U	2.2	2 U	2 U	2 U	40 U	10 U	2.4	2 U	2 U	120	2 U	2 U
	WCC-10S_W_031693	Primary Sample	03/16/1993	5 U	5 U	5 U	9	10 U	2 U	5 U	5 U	6	5 U	5 U	5 U	10 U	10 U	5 U	5 U	5 U	130	5 U	5 U
	WCC-10S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	22	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U		5 U	5 U	5 U	5 U	140	5 U	5 U
	WCC-10S_W_060793	Primary Sample	06/07/1993	2 U	2 U	2 U	13	40 U	2 U	2 U	2 U	4	2 U	2 U	2 U	40 U	4 U	2 U	2 U	2 U	120	2 U	2 U
	WCC-10S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	17	40 U	2 U	2 U	2 U	4	2 U	2 U	2 U	40 U	20 U	2 U	2 U	2 U	120	2 U	2 U
	WCC-10S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	20	40 U	2 U	17	2 U	2.3	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-10S_W_061692	Primary Sample	06/16/1992	5 U		5 U	10	35	5 U			5 U	5 U			10 U			5 U	5 U	120		
	WCC-10S_W_071389	Primary Sample	07/13/1989	1 U		1 U	2		1 U			3	1 U			5 U			1 U	1 U	86		
	WCC-10S_W_082389	Primary Sample	08/23/1989	1 U		1 U	4		1 U			4	1 U			5 U			1 U	1 U	81		
	WCC-10S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	27	10 U	5 U	14	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	160	5 U	5 U
	WCC-10S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	17	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-10S_W_091996	Primary Sample	09/19/1996	2 U	2 U	22	5 U	2 U	2 U	2 U	2 U	2.5	2 U		2 U	20 U	20 U	2 U	2 U	2 U	120	2 U	2 U
	WCC-10S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	9	5 U	1 U	1 U	1	4	1 U	1 U	1 U	5 U	8	1 U	1 U	1 U	120	1 U	1 U
	WCC-10S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	9	40 U	2 U	2 U	2 U	2	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	82	2 U	2 U
	WCC-10S_W_112091	Primary Sample	11/20/1991													10 U					87		
	WCC-10S_W_120892	Primary Sample	12/08/1992	1 U	1 U	1 U	8	5 U	1 U	1 U	1 U	5	1 U	1 U	1 U	5 U	3	1 U	1 U	1 U	110	1 U	1 U
	WCC-10S_W_121695	Primary Sample	12/16/1995	2 U	2 U	2 U	23	2 U	10	2 U	2 U	4	2 U		2 U		2 U	2 U	2 U	2 U	135	2 U	2 U
	WCC-10S_W_122294	Primary Sample	12/22/1994	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	3.1	2 U	2 U	2 U	40 U	10 U	2 U	2 U	2 U	99	2 U	2 U
WCC_11S	WCC_11S_D_012301	Primary Sample	01/23/2001	1 U	1 U	0.41 J	12	10 U	1 U	1 U	0.5 U	0.2 J	8.5	1 U	1 U	5 U	1 U	1 U	2	1 U	60	2 U	1 U
	WCC_11S_TAIT032202_0001	Primary Sample	03/22/2002	1 U	1 U	0.38 J	16	10 U	1 U	1 U	0.5 U	1 U	14	1 U	1 U	5 U	1 U	1 U	6	1 U	72	2 U	1 U
	WCC_11S_TAIT032202_0002	Field Duplicate	03/22/2002	1 U	1 U	0.41 J	16	10 U	1 U	1 U	0.5 U	1 U	14	1 U	1 U	5 U	1 U	1 U	4.3	1 U	73	2 U	1 U
	WCC_11S_W_012301	Primary Sample	01/23/2001	1 U	1 U	0.45 J	13	10 U	1 U	1 U	0.5 U	0.22 J	9	1 U	1 U	5 U	1 U	1 U	2.3	0.32 J	64	2 U	1 U
	WCC-11S_030499	Primary Sample	03/04/1999	0.5 U	0.5 U	0.5 U	22		0.5 U	0.5 U	0.5 U	0.5 U	6.9	0.5 U	0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	120	0.5 U	1 U
	WCC-11S_050897	Primary Sample	05/08/1997	2.5 U	2.5 U	2.5 U	33	25 U	2.5 U	12 U	2.5 U	2.5 U	5.1	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	170	2.5 U	2.5 U
	WCC-11S_060696DUP	Field Duplicate	06/06/1996	5 U	5 U	5 U	29	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	170	5 U	5 U
	WCC-11S_062200	Primary Sample	06/22/2000	0.5 U	0.5 U	0.5 U	24		0.5 U	0.5 U	0.5 U	0.5 U	11		0.5 U		2.5 U	0.5 U	0.5 U	0.5 U	110	0.5 U	1 U
	WCC-11S_070297	Primary Sample	07/02/1997	2 U	2 U	2 U	29	20 U	2 U	10 U	2 U	2 U	4.4	2 U	2 U	20 U	2 U	2 U	2 U	2 U	160	2 U	2 U
	WCC-11S_071499	Primary Sample	07/14/1999	0.5 U	0.5 U	0.5 U	38		0.5 U	0.5 U	1.1	2.8	1.2	0.5 U	0.5 U		2.5 U	3.1	0.5 U	0.5 U	170	0.5 U	1 U
	WCC-11S_072497	Primary Sample	07/24/1997	2.5 U	2.5 U	2.5 U	31	25 U	2.5 U	12 U	2.5 U	2.5 U	4.9	2.5 U	2.5 U	25 U	2.5 U	2.5 U	10	2.5 U	150	2.5 U	2.5 U
	WCC-11S_080597	Primary Sample	08/05/1997	2.5 U	2.5 U	2.5 U	33	25 U	2.5 U	12 U	2.5 U	2.5 U	5.2	2.5 U	2.5 U	25 U	2.5 U	2.5 U	15	2.5 U	160	2.5 U	2.5 U
	WCC-11S_082197	Primary Sample	08/21/1997	2.5 U	2.5 U	2.5 U	30	25 U	2.5 U	12 U	2.5 U	2.5 U	5	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	150	2.5 U	2.5 U
	WCC-11S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	2 U	4	2 U	2 U	40 U	4 U	2 U	2 U	2 U	97	2 U	2 U
	WCC-11S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	2.5 U	29	25 U	2.5 U	12 U	2.5 U	2.5 U	4.7	2.5 U	2.5 U	25 U	2.5 U	2.5 U	21	2.5 U	140	2.5 U	2.5 U
	WCC-11S_090497DUP	Field Duplicate	09/04/1997	2.5 U	2.5 U	2.5 U	28	25 U	2.5 U	12 U	2.5 U	2.5 U	4.5	2.5 U	2.5 U	25 U	2.5 U	2.5 U	19	2.5 U	150	2.5 U	2.5 U
	WCC-11S_090695DUP	Field Duplicate	09/06/1995	5 U	5 U	5 U	30	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	200	5 U	5 U
	WCC-11S_090894DUP	Field Duplicate	09/08/1994	2 U	4 U	2 U	19	40 U	2 U	2 U	2 U	2 U	5.9	2 U	2 U	40 U	10 U	2 U	2 U	2 U	120	2 U	6 U
	WCC-11S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	29	25 U	2.5 U	12 U	2.5 U	2.5 U	4.9	2.5 U	2.5 U	25 U	2.5 U	2.5 U	19	2.5 U	160	2.5 U	2.5 U
	WCC-11S_092896	Primary Sample	09/28/1998	2.1	1 U	1 U	51		1 U	1 U	1 U	1 U	1 U	1 U	1 U		5 U	1 U	1 U	1 U	230	1 U	2 U
	WCC-11S_102198	Primary Sample	10/21/1998	1 U	1 U	1 U	35		1 U	1 U	1 U	1 U	2	1 U	1 U		5 U	1 U	1 U	1 U	140	1 U	2 U
	WCC-11S_111993DUP	Field Duplicate	11/19/1993	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	2 U	3	2 U	2 U	40 U	10 U	2 U	2 U	2 U	100	4 U	2 U
	WCC-11S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	16	40 U	2 U	2 U	2 U	2 U	4		2 U	40 U	10 U	2 U	2 U	2 U	100	2 U	2 U
	WCC-11S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	30	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	170	5 U	5 U
	WCC-11S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	16	40 U	2 U	2 U	2 U	2 U	5.6		2 U	40 U	10 U	2 U	2 U	2 U	100	2 U	2 U
	WCC-11S_W_031693	Primary Sample	03/16/1993	2 U	2 U	2 U	25	10 U	2 U	5 U	5 U	2 U	4		2 U	10 U	10 U	2 U	2 U	2 U	160	2 U	2 U
	WCC-11S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	28	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	170	5 U	5 U
	WCC-11S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	16	40 U	2 U	2 U	2 U	2 U	5		2 U	40 U	4 U	2 U	2 U	2 U	110	2 U	2 U
	WCC-11S_W_061094	Primary Sample	06/10/1994	2 U	2 U	2 U	16	40 U	2 U	2 U	2 U	2 U	4.8		2 U	40 U	20 U	2 U	2 U	2 U	85	2 U	2 U
	WCC-11S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	22	40 U	2 U	2 U	2 U	2 U	6		2 U	40 U	10 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-11S_W_061692	Primary Sample	06/16/1992	5 U	5 U	5 U	21	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	120	5 U	5 U
	WCC-11S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	31	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	190	5 U	5 U
	WCC-11S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	20	40 U	2 U	2 U	2 U	2 U	4.8		2 U	40 U	10 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-11S_W_091996	Primary Sample	09/19/1996	5 U	5 U	5 U	22	50 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	50 U	5 U	5 U	5 U	5 U	150	5 U	5 U
	WCC-11S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	17	5 U	1 U	1 U	1 U	1 U	2	1 U	1 U	5 U	9	1 U	1 U	1 U	140	1 U	1 U
	WCC-11S_W_111591	Primary Sample	11/15/1991	5 U	5 U	5 U	10	10 U	1 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	80	5 U	5 U
	WCC-11S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	2 U	3		2 U	40 U	10 U	2 U	2 U	2 U	100	2 U	2 U
	WCC-11S_W_120892	Primary Sample	12/08/1992	1 U	1 U	1 U	13	5 U	1 U	1 U	1 U	5 U	6		1 U	5 U	4	1 U	1 U	1 U	83	1 U	1 U
	WCC-11S_W_121595	Primary Sample	12/15/1995	2 U	2 U	2 U	34		2 U	2 U	2 U	2 U	5		2 U		2 U	2 U	2 U	2 U	210	2 U	2 U
	WCC-11S_W_121896	Primary Sample	12/18/1996	2 U	2 U	2 U	28	20 U	2 U	10 U	2 U	2 U	6.1	2 U	2 U	20 U	2 U	2 U	2 U	2 U	170	2 U	2 U
	WCC-11S_W_122194	Primary Sample	12/21/1994	5.7	4 U	2 U	26	40 U	2 U	2 U	2 U	2 U	4.2		2 U	40 U	10 U	2 U	10	2 U	130	2 U	2 U

TABLE V
SUMMARY OF HISTORICAL VOLATILE ORGANIC COMPOUNDS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Object Name	Sample Name	Sample Type	Date Collected	1,1,1-Trichloroethane ug/L	1,1,2-Trichloroethane ug/L	1,1-Dichloroethane ug/L	1,1-Dichloroethene ug/L	Acetone ug/L	Benzene ug/L	Carbon disulfide ug/L	Carbon tetrachloride ug/L	Chloroform ug/L	cis-1,2-Dichloroethene ug/L	Cumene ug/L	Ethylbenzene ug/L	Methyl ethyl ketone ug/L	Methylene chloride ug/L	Tetrachloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichlorofluoro-methane ug/L	Xylenes, Total ug/L
WCC_12S	WCC_12S_032502_1005	Primary Sample	03/25/2002	2 U	2 U	19	45	20 U	2 U	2 U	1 U	1.9 J	8.7	2 U	2 U	10 U	2 U	1.2 J	1.8 J	2 U	140	4 U	2 U
	WCC_12S_D_012201	Primary Sample	01/22/2001	2.5 U	2.5 U	17	39	25 U	2.5 U	2.5 U	1.2 U	1.9 J	1.4 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	4.7	2.5 U	130	5 U	2.5 U
	WCC_12S_W_012201	Primary Sample	01/22/2001	2.5 U	2.5 U	18	40	25 U	2.5 U	2.5 U	1.2 U	2 J	1.4 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	4.9	2.5 U	130	5 U	2.5 U
	WCC-12S_022494DUP	Field Duplicate	02/24/1994	2 U	4 U	7.7	77	40 U	2 U	2 U	2 U	2 U	3.3	2 U	2 U	40 U	10 U	2 U	2 U	2 U	220	2 U	2 U
	WCC-12S_030299	Primary Sample	03/02/1999	0.5 U	0.5 U	19	46		0.5 U	0.5 U	0.5 U	1.9	2.5	0.5 U	0.5 U		2.5 U	0.75	0.5 U	0.5 U	140	0.5 U	1 U
	WCC-12S_050897	Primary Sample	05/08/1997	2.5 U	2.5 U	16	47	25 U	2.5 U	12 U	2.5 U	2.5 U	2.6	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	150	2.5 U	2.5 U
	WCC-12S_061692DUP	Field Duplicate	06/16/1992	5 U		5 U	260	10 U	5 U			5 U	5 U			10 U			5 U	5 U	710		
	WCC-12S_062100	Primary Sample	06/21/2000	0.5 U	0.5 U	24	47		0.5 U	0.5 U	0.5 U	2.8	1.9		0.5 U		2.5 U	1	0.5 U	0.5 U	160	0.5 U	1 U
	WCC-12S_070297	Primary Sample	07/02/1997	2 U	2 U	14	38	20 U	2 U	10 U	2 U	2 U	2.4	2 U	2 U	20 U	2 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-12S_070297DUP	Field Duplicate	07/02/1997	2 U	2 U	14	38	20 U	2 U	10 U	2 U	2 U	2.4	2 U	2 U	20 U	2 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-12S_071399	Primary Sample	07/13/1999	0.5 U	0.5 U	20	49		0.5 U	0.5 U	0.5 U	1.9	3	0.5 U	0.5 U		2.5 U	0.63	0.5 U	0.5 U	130	0.5 U	1 U
	WCC-12S_072397	Primary Sample	07/23/1997	2 U	2 U	14	34	20 U	2 U	10 U	2 U	2 U	2.2	2 U	2 U	20 U	2 U	2 U	9.2	2 U	140	2 U	2 U
	WCC-12S_080697	Primary Sample	08/06/1997	2 U	2 U	14	42	20 U	2 U	10 U	2 U	2 U	2.8	2 U	2 U	20 U	2 U	2 U	20	2 U	140	2 U	2 U
	WCC-12S_082197	Primary Sample	08/21/1997	2 U	2.5 U	13	39	25 U	2 U	12 U	2.5 U	2	2.4	2.5 U	2.5 U	20 U	2.5 U	2.5 U	2 U	2 U	120	2.5 U	2.5 U
	WCC-12S_082593	Primary Sample	08/25/1993	4 U	8 U	4 U	100	80 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	80 U	8 U	4 U	9	4 U	390	4 U	4 U
	WCC-12S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	18	37	25 U	2.5 U	12 U	2.5 U	2.5 U	2.9	2.5 U	2.5 U	25 U	2.7	4.7	20	2.5 U	130	2.5 U	2.5 U
	WCC-12S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	13	40	25 U	2.5 U	12 U	2.5 U	2.5 U	3	2.5 U	2.5 U	25 U	2.5 U	2.5 U	27	2.5 U	150	2.5 U	2.5 U
	WCC-12S_091797DUP	Field Duplicate	09/17/1997		2.5 U			25 U		12 U	2.5 U			2.5 U	2.5 U		2.5 U	2.5 U				2.5 U	2.5 U
	WCC-12S_092398	Primary Sample	09/23/1998	2.5 U	2.5 U	130	120		2.5 U	2.5 U	2.5 U	10	3.8	2.5 U	2.5 U	25 U	12.5 U	3.2	2.5 U	2.5 U	600	2.5 U	5 U
	WCC-12S_092398DUP	Field Duplicate	09/23/1998	2.5 U		11	34		2.5 U			2.5 U	2.5 U			25 U			23	2.5 U	120		
	WCC-12S_102198	Primary Sample	10/21/1998	2.5 U	2.5 U	110	120		2.5 U	2.5 U	2.5 U	9	3	2.5 U	2.5 U		12.5 U	3	2.5 U	2.5 U	530	2.5 U	5 U
	WCC-12S_W_022494	Primary Sample	02/24/1994	2 U	2 U	7.7	89	40 U	2 U	2 U	2 U	2 U	2.9		2 U	40 U	10 U	2 U	2 U	2 U	270	2 U	2 U
	WCC-12S_W_030196	Primary Sample	03/01/1996	5 U	5 U	13	47	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	150	5 U	5 U
	WCC-12S_W_031495	Primary Sample	03/14/1995	2 U	2 U	18	53	40 U	2 U	2 U	2 U	2.9	2 U		2 U	40 U	10 U	2 U	2 U	2 U	230	2 U	2 U
	WCC-12S_W_031793	Primary Sample	03/17/1993	2 U	2 U	7	100	10 U	5 U	5 U	4 U	3	4		2 U	10 U	10 U	2 U	2 U	8	410	5 U	2 U
	WCC-12S_W_060793	Primary Sample	06/07/1993	2 U	2 U	2	130	40 U	2 U	2 U	2 U	2 U	5		4 U	40 U	4 U	2 U	2 U	2 U	370	2 U	2 U
	WCC-12S_W_060796	Primary Sample	06/07/1996	5 U	5 U	12	37	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	140	5 U	5 U
	WCC-12S_W_061295	Primary Sample	06/12/1995	2 U	2 U	28	72	40 U	2 U	2 U	2 U	3.2	2 U		2 U	40 U	10 U	2 U	2 U	2 U	330	2 U	2 U
	WCC-12S_W_061394	Primary Sample	06/13/1994	2 U	2 U	15	84	40 U	2 U	2 U	2 U	2.2	2.6		2 U	40 U	10 U	2 U	2 U	2 U	270	2 U	2 U
	WCC-12S_W_061692	Primary Sample	06/16/1992	5 U	5 U	5 U	21	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	120	5 U	5 U
	WCC-12S_W_090695	Primary Sample	09/06/1995	5 U	5 U	32	60	10 U	5 U	33	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	300	5 U	5 U
	WCC-12S_W_090994	Primary Sample	09/0_/1994	2 U	2 U	2 U	97	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	10 U	2 U	2 U	2 U	130	2 U	2 U
	WCC-12S_W_091996	Primary Sample	09/19/1996	2 U	2 U	15	48	10 U	2 U	5 U	5 U	2.2	2.5		2 U	10 U	10 U	2 U	2 U	2 U	150	5 U	2 U
	WCC-12S_W_092292	Primary Sample	09/22/1992	1	1 U	7	130	5 U	1 U	1 U	1 U	3	3		1 U	5 U	7	1 U	1 U	1 U	500	4	1 U
	WCC-12S_W_111891	Primary Sample	11/18/1991	50 U	50 U	50 U	300	100 U	10 U	50 U	50 U	50 U	50 U		50 U	100 U	50 U	50 U	50 U	50 U	900	50 U	50 U
	WCC-12S_W_111993	Primary Sample	11/19/1993	2 U	2 U	9	45	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	4 U	2 U	2 U	2 U	220	2 U	2 U
	WCC-12S_W_120892	Primary Sample	12/08/1992	5 U	5 U	5 U	160	30 U	5 U	5 U	5 U	5 U	5		5 U	30 U	20	5 U	5 U	5 U	550	5 U	5 U
	WCC-12S_W_121595	Primary Sample	12/15/1995	2 U	2 U	10	44	2 U	2 U	2 U	2 U	2	3		2 U		2 U	2 U	2 U	2 U	140	2 U	2 U
	WCC-12S_W_121896	Primary Sample	12/18/1996	2 U	2 U	16	43	20 U	2 U	10 U	2 U	2	2.5	2 U	2 U	20 U	2 U	2 U	2 U	2 U	150	2 U	2 U
	WCC-12S_W_122294	Primary Sample	12/22/1994	2 U	2 U	17	52	40 U	2 U	2 U	2 U	2 U	2.1		2 U	40 U	10 U	2 U	2 U	2 U	190	2 U	2 U
XMW_19	XMW_19_032202_1225	Primary Sample	03/22/2002	1 U	1 U	1 U	0.58 J	10 U	1 U	1 U	0.5 U	87	0.58 J	1 U	1 U	5 U	1 U	0.77 J	0.62 J	1 U	10	2 U	1 U
	XMW_19_W_03212001	Primary Sample	03/21/2001	15	2 U	2 U	2 U	20 U	2 J	2 U	2 U	110	2 U	2 U	1.3 J	10 U	10	2 U	3.7 J	2 U	21	4 U	1.4 J
	XMW_19_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1.4	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	0.88 J	1 U	1 U	6.1	0.51 J	1 U
	XMW_19_WG032803_0001	Primary Sample	03/28/2003	2 U	2 U	2 U	0.7 J	20 U	2 U	2 U	1 U	86	0.75 J	2 U	2 U	10 U	2 U	2 U	2 U	2 U	8.7	4 U	2 U
	XMW_19_WG032803_0002	Field Duplicate	03/28/2003	2 U	2 U	2 U	2 U	20 U	2 U	2 U	1 U	86	0.73 J	2 U	2 U	10 U	2 U	0.6 J	2 U	2 U	8.5	4 U	2 U
XMW-09	XMW_09_032102_0945	Primary Sample	03/21/2002	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	1400	25 U	25 U	25 U	120 U	25 U	55	25 U	25 U	30	50 U	25 U
	XMW_09_W_012901	Primary Sample	01/29/2001	50 U	50 U	50 U	50 U	500 U	50 U	40 J	25 U	2400	50 U	50 U	50 U	250 U	50 U	59	50 U	50 U	50 U	100 U	50 U
	XMW-09_WG032504_0001	Primary Sample	03/25/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	1900	50 U	50 U	50 U	250 U	50 U	68	50 U	50 U	32 J	100 U	50 U
XMW-18	XMW_18_032702_1115	Primary Sample	03/27/2002	12 U	12 U	12 U	14	120 U	12 U	12 U	6.2 U	7.5 J	12 U	12 U	12 U	62 U	12 U	12 U	12 U	12 U	1100	25 U	12 U
	XMW_18_W_012401	Primary Sample	01/24/2001	25 U	25 U	25 U	20 J	250 U	25 U	25 U	12 U	9 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1300	50 U	25 U

Notes:
U = Not reported above listed detection limit.
J = Estimated value.
ug/L = Micrograms per liter.

QA/QC: PK
Date: 10/25/04

TABLE VI
SUMARY FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Sampled	DO	ORP	pH	Conductivity	Temperature
		mg/l	mV		mS/cm	°C
WCC-3S	3/21/2002	0.10	-182	6.61	2.86	23.88
	3/27/2003	4.99	-85	6.57	1.35	26.63
	3/24/2004	0.00	-184	6.77	1.99	23.07
WCC-4S	3/26/2002	3.63	-11	7.98	1.99	23.50
	3/24/2004	0.00	-53	9.33	1.75	23.63
WCC-5S	3/21/2002	4.83	61	6.98	1.37	23.19
	9/16/2002	5.02	74	7.05	1.93	23.56
	3/25/2003	3.65	38	7.35	1.13	23.09
	9/23/2003	4.73	103	6.86	1.79	22.80
	3/22/2004	1.78	81	7.04	1.84	23.40
	9/20/2004	1.55	94	6.40	1.64	23.46
WCC-6S	3/26/2002	2.12	-137	7.89	2.20	24.00
	3/25/2003	3.16	-208	7.06	1.71	23.44
	3/23/2004	0.00	-218	9.56	1.22	23.40
WCC-7S	3/25/2002	4.03	55	7.16	1.23	23.47
	3/28/2003	9.63	175	7.32	1.79	21.30
WCC-9S	3/22/2002	3.09	55	7.04	1.34	23.25
	3/26/2003	4.15	15	7.29	1.58	23.13
	3/23/2004	0.41	55	6.64	1.22	23.12
WCC-12S	3/25/2002	4.80	61	7.18	1.21	23.56
DAC-P1	3/27/2002	5.77	82	7.16	2.00	23.40
	9/19/2002	5.58	60	7.34	2.33	23.87
	3/28/2003	9.98	86	7.16	2.44	22.10
	9/24/2003	5.00	66	6.91	2.20	23.10
	3/25/2004	2.04	-72	6.88	17.90	23.33
	9/22/2004	1.55	58	6.44	2.44	23.73
TMW-1	3/25/2002	6.32	98	6.93	5.20	23.47
	9/18/2002	2.80	59	7.26	3.25	23.54
	3/27/2003	6.62	80	6.65	5.37	23.52
	9/24/2003	3.63	36	6.71	4.88	22.80
	3/25/2004	0.00	81	6.38	5.86	23.15
	9/23/2004	0.91	254	6.52	1.00	23.23
TMW-2	3/26/2002	2.28	-113	7.79	2.84	22.50
	9/19/2002	0.16	-169	6.74	3.43	23.91
	3/28/2003	11.59	--	6.94	2.69	22.80
	9/24/2003	0.00	-202	6.60	3.34	22.70
	3/25/2004	0.00	-169	6.88	3.26	23.40
	9/24/2004	0.00	-155	6.50	0.57	24.00
TMW-4	3/26/2002	6.01	33	8.02	1.84	23.00
	9/18/2002	6.17	82	7.43	1.96	24.76
	3/27/2003	5.10	113	6.58	1.41	22.94
	9/24/2003	5.13	108	7.00	1.65	22.70
	3/25/2004	0.00	99	6.70	1.72	23.55
	9/23/2004	0.51	23	6.30	1.72	23.85
TMW-5	3/26/2002	6.53	-4	8.29	0.83	22.90
	9/18/2002	4.57	71	7.53	1.31	23.78
	3/28/2003	10.16	152	7.58	0.65	21.80
TMW-6	3/26/2002	7.37	139	6.56	1.62	22.60
	9/18/2002	4.52	89	7.50	1.93	22.76
	3/26/2003	6.07	120	7.42	1.61	22.84
	9/24/2003	4.75	38	7.02	1.72	22.20
	3/23/2004	0.42	65	6.74	1.65	23.18
	9/22/2004	1.60	107	7.96	180	22.25
TMW-7	3/26/2002	4.90	63	8.05	1.74	23.30
	9/18/2002	3.78	90	7.50	1.92	24.39
	3/27/2003	6.06	151	6.61	1.61	23.51
	9/24/2003	3.22	92	7.01	1.82	24.60
	3/24/2004	1.13	83	7.14	1.91	23.65
	9/23/2004	1.30	172	7.84	0.192	31.01

TABLE VI
SUMARY FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

Well	Date Sampled	DO	ORP	pH	Conductivity	Temperature
		mg/l	mV		mS/cm	°C
TMW-8	3/26/2002	2.99	-52	7.85	1.64	23.60
	3/28/2003	12.51	--	7.06	1.65	23.10
	3/25/2004	0.00	-168	6.52	1.83	23.94
TMW-9	3/26/2002	6.21	36	8.15	1.29	23.40
	3/26/2003	5.66	124	7.45	1.52	23.64
	3/24/2004	0.00	22	9.80	1.62	23.72
TMW-10	3/21/2002	5.14	26	7.17	1.54	23.85
	9/16/2002	4.14	52	7.31	1.89	24.64
	3/26/2003	5.34	66	7.08	1.57	23.54
	9/23/2003	3.92	50	7.03	1.76	23.40
	3/22/2004	2.18	64	7.22	1.92	23.17
	9/21/2004	1.74	54	6.03	1.84	23.66
TMW-11	3/22/2002	2.27	56	6.92	1.81	23.60
	9/17/2002	2.76	63	7.08	1.92	25.07
	3/26/2003	4.46	54	7.05	1.65	23.72
	9/23/2003	2.34	30	6.82	1.92	24.20
	3/23/2004	0.79	83	6.98	1.97	24.03
	9/21/2004	1.15	-2	6.51	1.65	26.04
TMW-14	3/22/2002	5.26	38	6.79	3.30	23.43
	9/16/2002	5.52	77	7.04	3.41	24.68
	3/26/2003	5.57	64	6.97	3.40	23.81
	9/23/2003	5.59	78	6.70	3.90	23.20
	3/22/2004	0.53	62	6.46	4.71	23.95
	9/21/2004	1.08	38	6.60	3.31	23.53
TMW-15	3/22/2002	3.29	-83	7.16	0.94	23.78
	9/17/2002	4.49	-5	7.44	1.40	24.94
	3/26/2003	4.34	7	7.22	1.17	24.32
	9/23/2003	3.02	-82	7.11	1.31	23.30
	3/22/2004	0.00	-80	6.80	1.12	23.95
	9/22/2004	0.46	29	6.72	1.20	24.31
BL-3	3/26/2002	7.77	115	7.58	3.30	23.40
	3/27/2003	7.32	83	6.36	2.75	23.18
	3/23/2004	3.66	121	7.10	2.97	23.11
XMW-09	3/21/2002	0.25	36	6.60	1.81	23.53
	3/25/2004	0.00	53	6.86	2.09	23.13
XMW-19	3/22/2002	4.39	24	7.04	1.56	23.47
	3/28/2003	12.38	142	7.29	1.65	23.60
	3/22/2004	0.66	-4	6.86	1.90	23.48
MW0005	3/25/2004	0.00	107	6.62	1.78	22.69
	9/24/2004	3.20	84	6.80	0.19	23.10
MWB012	5/6/2004	0.12	147	6.69	1.56	23.90
	7/16/2004	2.90	49	6.36	1.430	23.65
	9/22/2004	2.37	-121	8.08	0.179	23.07
MWB013	5/7/2004	4.93	93	7.39	0.23	24.25
	7/15/2004	2.25	86	4.29	0.046	27.33
	9/21/2004	3.07	36	7.04	2.24	23.42
MWB014	5/7/2004	1.86	83	7.12	95.1	23.08
	7/15/2004	1.80	75	8.53	55	24.50
	9/22/2004	0.95	37	6.58	0.942	23.31
MWB019	5/7/2004	3.67	163	7.71	0.370	24.30
	7/16/2004	3.75	187	7.52	0.265	23.10
	9/21/2004	3.53	165	7.41	33	24.14

TABLE VI
SUMARY FOR MONITORED NATURAL ATTENUATION PARAMETERS
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

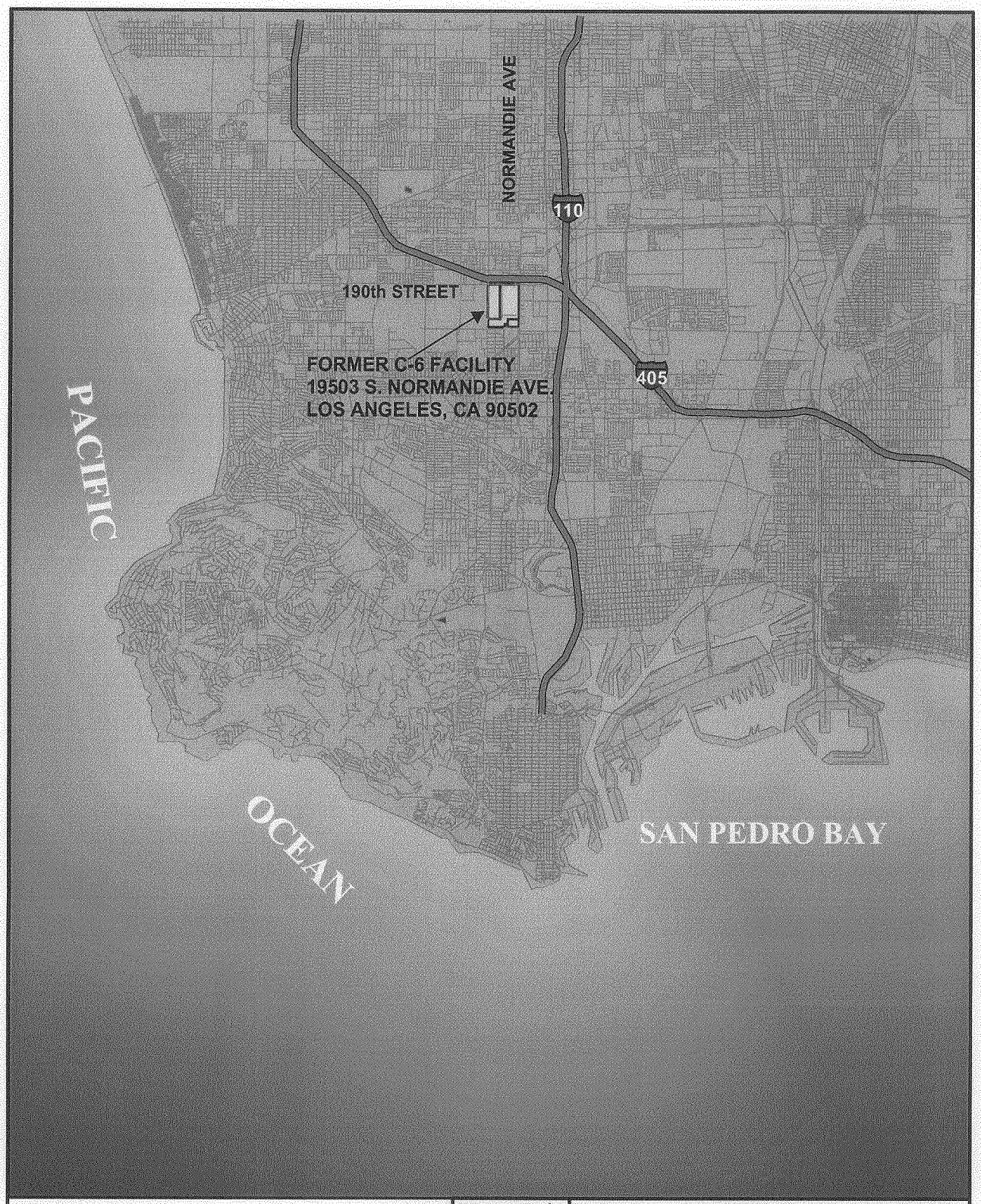
Well	Date Sampled	DO	ORP	pH	Conductivity	Temperature
		mg/l	mV		mS/cm	°C
CMW001	3/23/2004	0.00	-185	6.96	1.07	23.15
	9/24/2004	0.30	-141	7.27	0.10	23.20
CMW002	3/23/2004	0.00	-29	7.28	0.980	22.78
	9/24/2004	0.30	-49	7.00	0.09	23.50
CMW026	3/24/2004	2.24	-94	6.98	1.27	22.19
	9/23/2004	0.50	-126	6.19	1.42	23.06
MWC015	5/6/2004	0.00	13	6.77	0.921	24.06
	7/16/2004	0.00	-108	6.50	0.873	22.89
	9/23/2004	0.70	-234	7.45	74	23.20
MWC016	5/6/2004	11.61	86	7.13	0.121	23.16
	7/16/2004	8.05	207	8.22	0.118	22.56
	9/23/2004	8.51	166	8.13	0.115	23.08
MWC017	5/7/2004	3.60	121	8.31	0.10	24.00
	7/16/2004	5.56	112	7.92	73.6	22.77
	9/22/2004	1.94	-138	6.81	779	23.37
MWC021	5/7/2004	0.18	10	7.41	80	25.85
	7/15/2004	0.00	-41	8.13	80.7	22.70
	9/21/2004	0.00	-182	6.61	0.869	23.29

Notes:
DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential
mg/l = milligrams per liter
mV = millivolts
mS/cm = millisiemens per centimeter
°C = Degrees celsius

QA/QC: PK
Date: 10/25/04

Figures

BOE-C6-0067827



N

2 1 0 2 Miles

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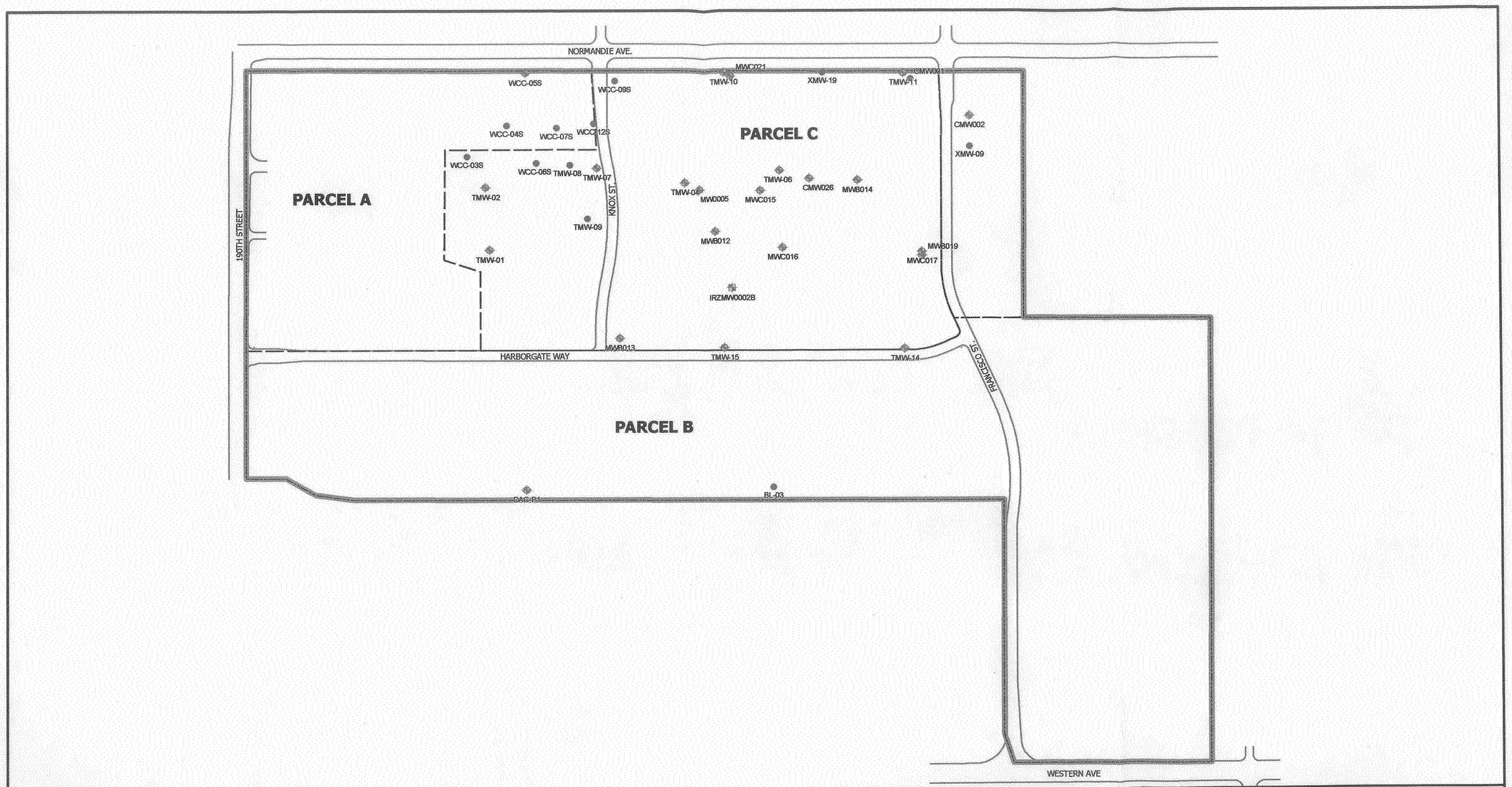
BOEING REALTY CORPORATION
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 1

SITE LOCATION MAP

SCALE AS SHOWN



LGEND

- Groundwater Monitoring Well Not-Sampled during Semiannual Event
- Groundwater Monitoring Well Sampled during Semiannual Event
- IRZ Bioremediation Monitoring Well
- Property Boundary
- Parcel Boundary

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 2

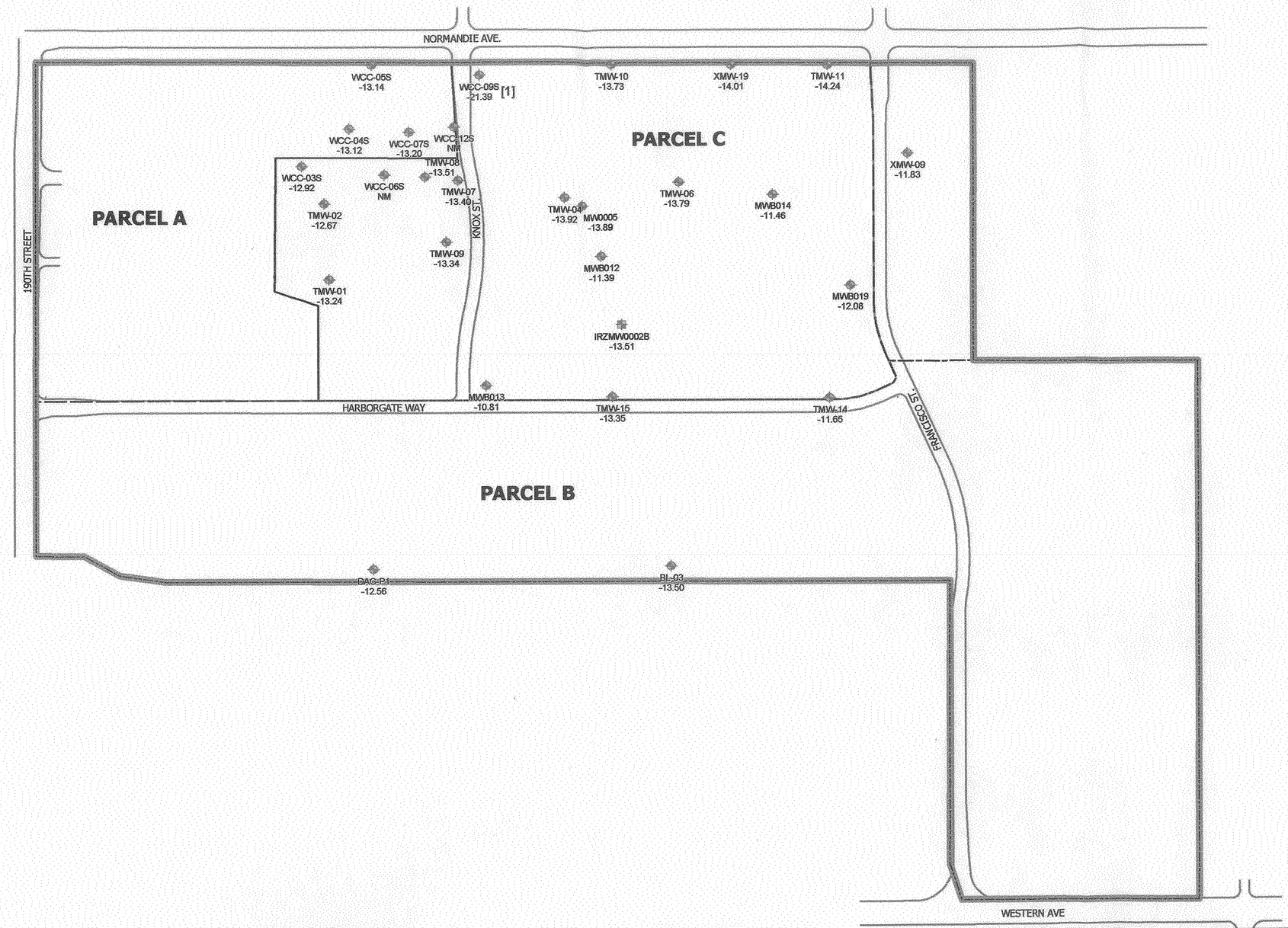
GROUNDWATER MONITORING WELL LOCATIONS SEPTEMBER 2004

SCALE AS SHOWN

OCTOBER 2004

28882-101

BOE-C6-0067829



LGEND

- MBFB Groundwater Monitoring Well
- IRZ Bioremediation Monitoring well
- Property Boundary
- Parcel Boundary

Note:
NM : Not Measured
Due to ongoing pilot testing, groundwater elevations could not be contoured.
[1] Elevation of Monitoring well WCC-09S was anomalous compared to water level measurements from previous years. Well measuring point elevation to be re-surveyed.

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 3

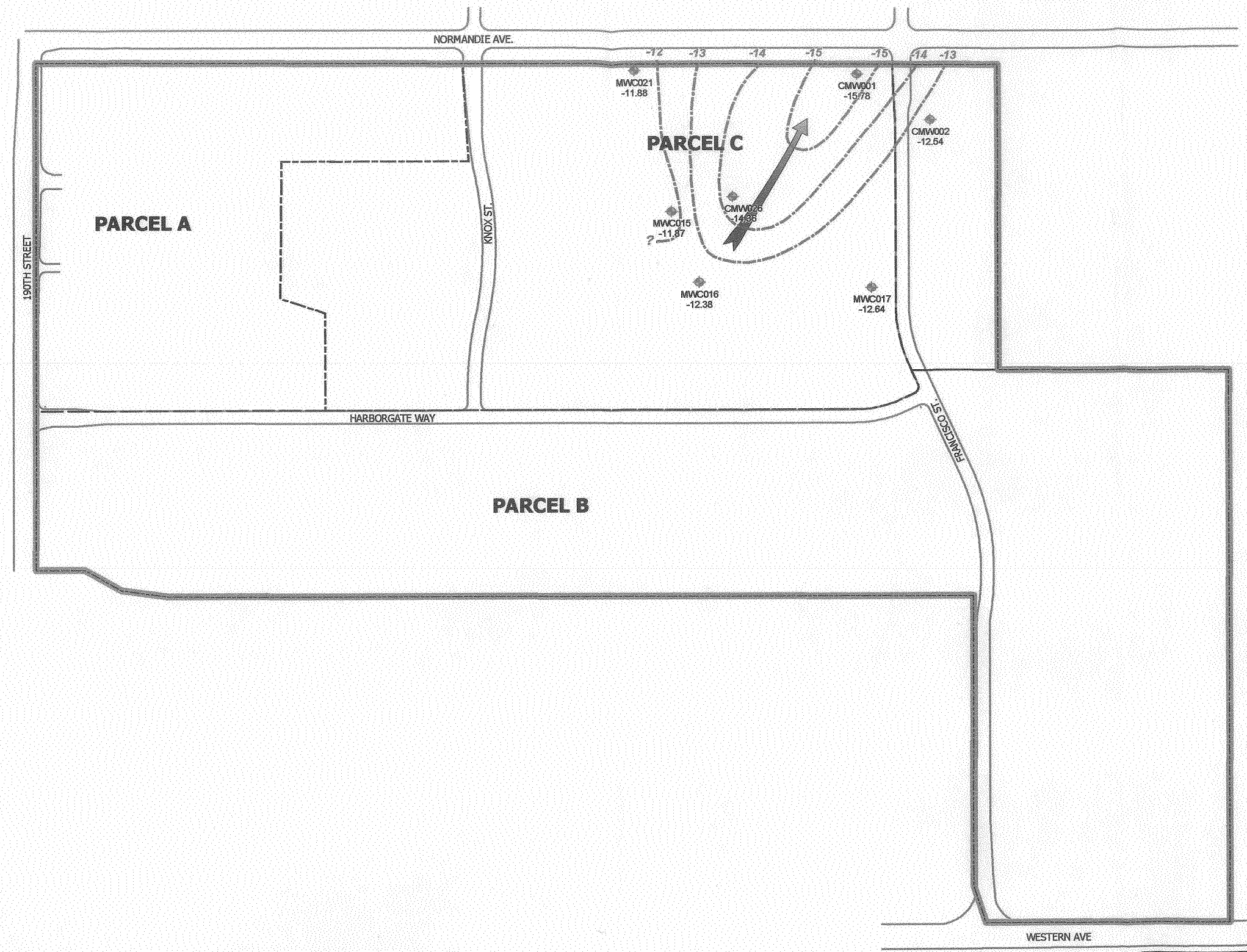
GROUNDWATER ELEVATION MAP MBFB (B-SAND) SEPTEBER 2004

SCALE AS SHOWN

OCTOBER 2004

28882-604

BOE-C6-0067830



LGEND

- MBFC Groundwater Monitoring Well
- Property Boundary
- Parcel Boundary
- Groundwater Flow Direction

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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

FIGURE 4

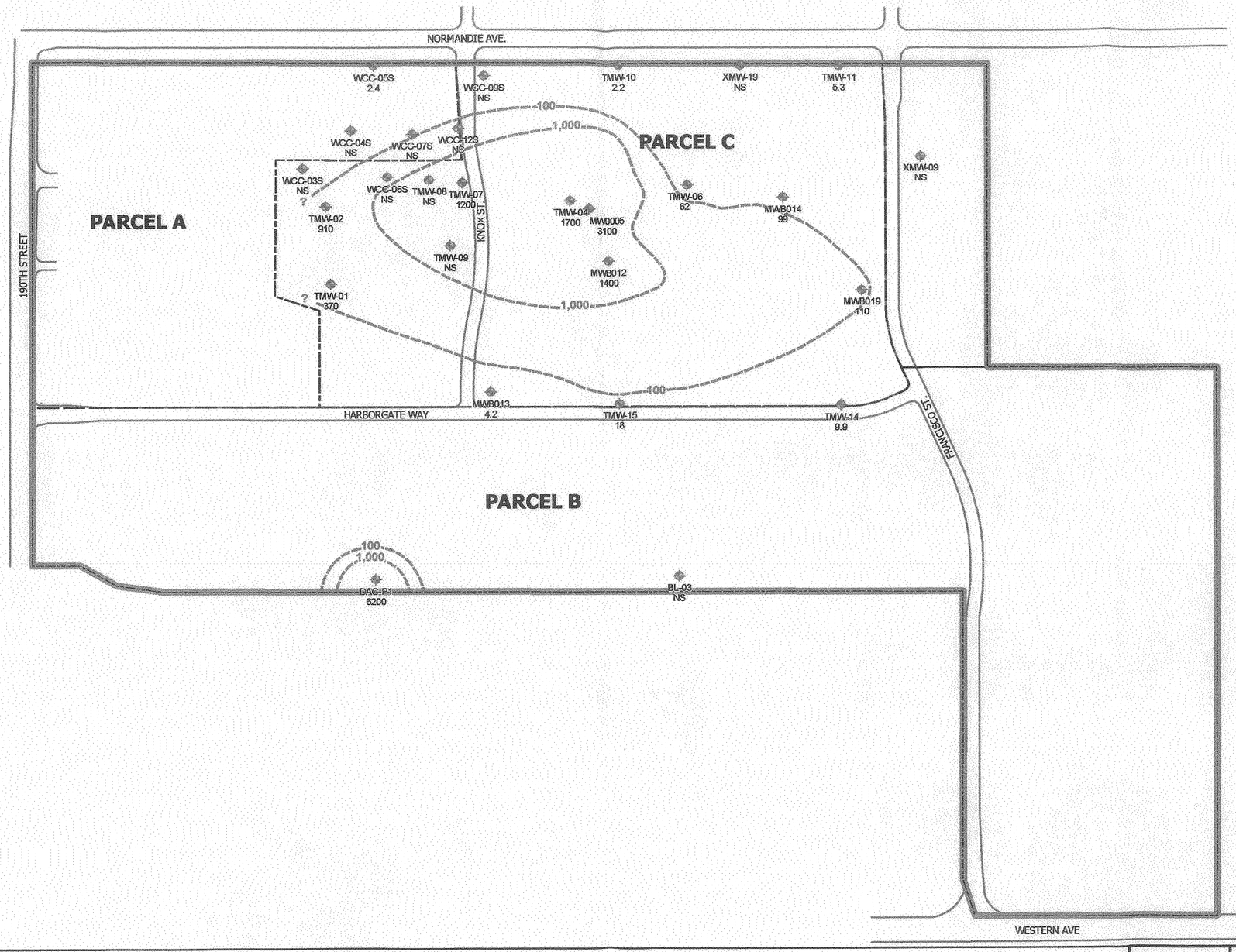
GROUNDWATER ELEVATION MAP MBFC (C-SAND) SEPTEBER 2004

SCALE AS SHOWN

OCTOBER 2004

28882-604

BOE-C6-0067831



LGEND

- MBFB Groundwater Monitoring Well
- TCE Concentration Contour (ug/l) MBFB, September 2004
- Property Boundary
- Parcel Boundary

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 5

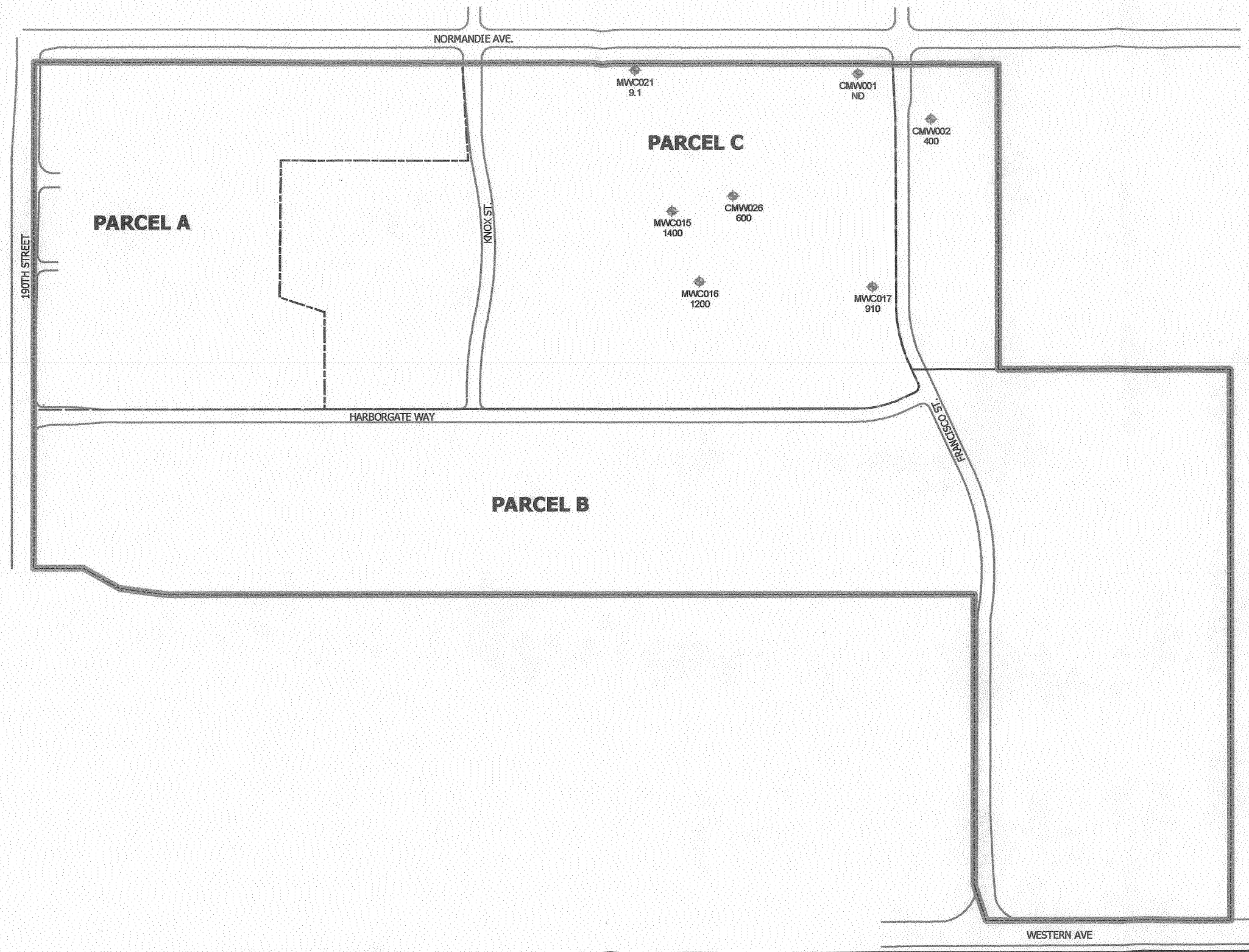
TCE DISTRIBUTION IN MBFB (B-SAND) GROUNDWATER SEPTEMBER 2004

SCALE AS SHOWN

OCTOBER 2004

28882-604

BOE-C6-0067832



LGEND

- MBFC Groundwater Monitoring Well
- 9.1 TCE Concentrations in ug/l in MBFC, September 2004
- Property Boundary
- Parcel Boundary

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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UNDERGROUND ENGINEERING & ENVIRONMENTAL SOLUTIONS

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

FIGURE 6

TCE DISTRIBUTION IN MBFC (C-SAND) GROUNDWATER SEPTEBER 2004

SCALE AS SHOWN

OCTOBER 2004

28882-604

BOE-C6-0067833

Appendix A

BOE-C6-0067834

APPENDIX A

Field Data

Quarterly Gr[illegible]vater Monitoring Event
September 2004 GW Gauging Program

Boeing Realty Corporation
Former C-6 Facility (Torrance)
Los Angeles, California

	Well ID	Diameter	Well Depth at Installation	Screened Interval	Measurement Point	Depth to Water (3/19/2004)	Second Depth to Water (3/19/2004)	Time	Depth to Water (9/20/2004)	Second Depth to Water (9/20/2004)	Personnel	Total Depth	Comments
1	WCC_05S	4	91.00	61-91	toc	62	62	8:42	61.93	61.93	SH/SY	90.07	Lock, Good, Dedicated Tubing
2	MWB013							11:30	66.12	66.12	SH/SY	84.8	Soft, No Lock
3	TMW_10	2	85.00	60.5-80.5	toc	61.28	61.28	9:55	61.21	61.21	SH/SY	78	Well Box has Water in it, Tubing, Hard Bottom
4	XMW_19	4	---	63-79	toc	60.56	60.56	10:18	60.54	60.54	SH/SY	76.95	Well Locked, No Tubing, Semi Hard
5	MWC021							13:55	66.40	66.40	SH/SY	122	Tubing, No Lock
6	TMW_11	2	83.00	58-78	toc	61.66	61.66	9:20	61.65	61.65	SH/SY	77.19	Tubing, Hard Bottom
7	TMW_14	2	90.00	65-85	toc	70.61	70.61	11:20	70.56	70.56	SH/SY	85.31	Dedicated Tubing, Hard Bottom
8	TMW_15	2	92.00	62-87	toc	16:19	68.68	11:20	68.58	68.58	SH/SY	87.2	Tubing
9	XMW-09							10:20	65.00	65.00	SH/SY	76.3	No Tubing, Good, Soft
10	MWB014							11:05	48.52	48.52	SH/SY	84.4	Dedicated Tubing, Good, No Lock, Hard Bottom
11	WCC_09S	4	91.50	60-90	toc	68.33	68.33	10:00	68.24	68.24	SH/SY	95.7	Tubing, Soft
12	MWB019							10:45	67.22	67.22	SH/SY	87.8	Dedicated Tubing, Good
13	MWC017							10:55	67.76	67.76	SH/SY	125	Dedicated Tubing, Soft, Good
14	WCC_07S	4	90.50	60-90	toc	63.54	63.54	12:25	63.40	63.40	SH/SY	90.57	Dedicated Tubing, Semi Soft Bottom
15	TMW_06	2	86.00	61.2-81.2	toc	63.33	63.33	11:10	63.29	63.29	SH/SY	78.7	Dedicated Tubing, Semi Soft Bottom
16	CMW001	4		99-124	toc	66.91	66.91	9:25	66.96	66.96	SH/SY	124.26	Tubing, Semi Hard Bottom
17	WCC_06S	4	91.00	60-90	toc	64.51	64.51	13:13	N/A	N/A	SH/SY	N/A	Well Head Buried with Cement Slurry, Unable to Gauge.
18	WCC_04S	4	91.50	70.5-90.5	toc	62.84	62.84	12:30	62.74	62.74	SH/SY	89.81	Dedicated Tubing, Soft Bottom, Add Lid Cap
19	TMW_09	2	86.00	61-81	toc	66.31	66.31	13:20	66.09	66.09	SH/SY	80.06	Casing Loose, Tubing
20	MWB012							14:20	63.80	63.80	SH/SY	83	Dedicated Tubing, Soft, Good
21	CMW002	4		99-124	toc	65.31	65.31	13:45	65.35	65.35	SH/SY	124.34	Soft Tubing, Semi Hard Bottom
22	IRZMW002B	2		83-93	toc	68.23	68.23	13:20	67.68	67.68	SH/SY	88.52	Semi Soft Bottom Tubing in Bldg 2a/2b Same Well
23	BL-03	2	82.00	62-82	toc	70.08	70.08	11:30	69.98	69.98	SH/SY	80.5	Broken Box, Casing Mark Wasn't Intact
24	DAC-P1	4	90.00	60-90	toc	65.42	65.42	11:45	65.31	65.31	SH/SY	90.46	Dedicated Tubing, Soft Bottom
25	TMW-01	2	86.00	61-81	toc	69.72	69.72	13:20	69.70	69.70	SH/SY	84.55	Lock, Tubing, Semi Hard
26	WCC_03S	4	92.00	69-89	toc	64.21	64.21	1:05	64.04	64.04	SH/SY	88.81	Tubing 6' Below Grade, Semi Hard Bottom
27	MWC016							14:05	64.92	64.92	SH/SY	128	Dedicated Tubing, Soft, Good
28	CMW026	4		92-117	toc	63.51	63.51	10:40	63.30	63.30	SH/SY	118.11	Good, Lock, Tubing, Semi Hard Bottom
29	TMW_07	2	89.50	64-84	toc	66.07	66.07	12:45	65.92	65.92	SH/SY	83.61	Dedicated Tubing, Soft Bottom
30	MWC015							14:15	63.34	63.34	SH/SY	120.3	Dedicated Tubing, No Lock, Soft, Good

BOE-C6-0067836

Quarterly Groundwater Monitoring Event
September 2004 GW Gauging Program

Boeing Realty Corporation
Former C-6 Facility (Torrance)
Los Angeles, California

	Well ID	Diameter	Well Depth at Installation	Screened Interval	Measurement Point	Depth to Water (3/19/2004)	Second Depth to Water (3/19/2004)	Time	Depth to Water (9/20/2004)	Second Depth to Water (9/20/2004)	Personnel	Total Depth	Comments
31	TMW_04	2	86.00	60-80	toc	62.76	62.76	10:15	62.71	62.71	SH/SY	77	Dedicated Tubing, Semi Hard Bottom
32	TMW_08	2	89.50	61-81	toc	12:43	68.53	12:35	67.50	67.50	SH/SY	82.71	Tubing, Semi Hard Bottom
33	MW0005	4		65-85	toc	63.5	63.5	10:20	63.46	63.46	SH/SY	87.75	Dedicated Tubing, Hard Bottom, Cap Lock
34	TMW_02	2	87.00	62-82	toc	69.62	69.1	12:55	69.05	69.05	SH/SY	85.11	Tubing, Semi Hard

Quality Control Samples
Duplicates (1 per 20 wells)
Rinsate Blanks (1 per day)
Field Blanks (1 per day)
Decon Water (1 per day)
Travel Blanks (1 per day)

Notes:
est = Quality control sample number estimated based on estimated number of sampling days.
DO = Dissolved Oxygen (Field Analysis)
ORP = Oxidation Reduction Potential (Field Analysis)
VOCs = Volatile organic compounds
8260B = EPA Method 8260B
Well total depths and depths to water are reported in feet below measurement point.
Screened intervals are reported in feet.
Well diameters are reported in inches.

BOE-C6-0067837

TAIT Environmental Management, Inc. 14 9/28

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance	**Date:** 9-24-04
Project No.: EM 2303	**Prepared By:** TLC
Well Identification: MW-0005	**Weather:** Sunny 81
Measurement Point Description: TOC marks	**Pump Intake:** ~63
	Screen: 45-65

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.44	87.74	24.30	---	16	48	8			

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Nice Soft Bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
8:59	0.5	8.0	1.0	63.81	7.09	23.1	188.0	0.18	5.1	80	Clear
9:08	1.0	16.0	1.0	63.87	6.54	23.4	15.0	0.18	4.9	109	
9:13	1.5	24.0	.8	63.66	6.78	23.3	5.0	0.19	3.5	79	
9:18	2.0	32.0	1.6	63.67	6.78	23.3	5.0	0.19	3.4	80	
9:22	2.5	40.0	2.0	63.68	6.73	23.1	3.0	0.19	3.3	97	
9:27	3.0	48.0	1.6	63.69	6.80	23.1	3.0	0.19	3.2	84	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
851	9:27	1.3	48	3	68.3	63.51	9:37	MW0005_09242004_0001

Notes:

Drawing No.

C6-1000487-TA

ft-bmp = feet below measuring point

BOE-C6-0067838

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 7-21-04
Project No.: EM 2323	**Prepared By:** TLC
Well Identification: TMW-02	**Weather:** Sunny 88°
Measurement Point Description: TOC North	**Pump Intake:** [illegible] / **Screen:** 62-82

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	69.05	85.10	16.05	---	2.5	7.7	1.25	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: [illegible]

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:35	0.5	1.25	[illegible]	71.71	6.43	24.3	44	0.56	1.2	-146	[illegible]
11:38	1.0	2.50	[illegible]	72.01	6.46	24.2	42	0.57	1.0	-149	
11:41	1.5	3.75	[illegible]	71.63	6.48	24.1	23	0.57	.8	-151	
11:43	2.0	5.00	[illegible]	71.64	6.48	24.1	22	0.57	.1	-152	
11:49	2.5	6.25	[illegible]	71.63	6.49	24.1	21	0.57	0	-153	
11:51	3.0	7.50	[illegible]	71.64	6.50	24.0	19	0.57	0	-155	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:32	1151	[illegible]	7.5	3	72.26	70.98	11:39	TMW-02-[illegible]-0001

Notes:

Duplicate ~~CG-1DUA82-TA~~ / ~~CG-1DUA85-TA~~ / CG-1DUA86-TA

ft-bmp = feet below measuring point

BOE-C6-0067839

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-24-04
Project No.: EM 2303B	**Prepared By:** TLC
Well Identification: CMW002	**Weather:** SUNNY 94°
Measurement Point Description: TLC MARK	**Pump Intake:** ~ 67
	Screen: 99 124

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E/2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ Screen Volume
—	65.35	124.33	58.98	—	38.50	115.50	19.25	/	/	/

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Sol'nst, Horiba

Purge Method: GRUNDFOS

Well Condition: Good Bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:40	0.5	19.25	1.9	65.82	7.08	23.7	55	0.09	1.4	-54	Clear No Odor
13:50	1.0	38.50	1.9	65.84	7.07	23.7	44	0.10	1.3	-56	
14:00	1.5	57.75	1.9	65.80	7.16	23.7	41	0.10	1.0	-61	
14:10	2.0	77.00	1.9	65.74	7.21	23.6	43	0.09	.8	-63	
14:20	2.5	96.25	1.9	65.72	7.22	23.6	41	0.09	.6	-61	
14:30	3.0	115.50	1.9	65.72	7.0	23.5	39	0.08	0.3	-49	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:30	14:30	1.9	124	3.0	77.17	65.84	14:35	CMW002-WG092404-0001 CMW002-WG092404-0002

Notes:

DECON DRUM C6-IDW413-TA

USED ALL 26 DRUMS

Drum #'s

C6-IDW488-TA
C6-IDW489-TA
C6-IDW490-TA

ft-bmp = feet below measuring point

BOE-C6-0067840

Groundwater Sampling Data Sheet

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TAIT Environmental Management, Inc

Project Name: TORRANCE	**Date:** 9-24-04
Project No.: EM2303	**Prepared By:** TLC
Well Identification: CMW001	**Weather:** Sunny 83°
Measurement Point Description: TOC MARCK	**Pump Intake:** ~69 **Screen:** 99-124

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
—	66.95	124.26	57.31	---	37.0	111.8	18.5			

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS

Well Condition: Good / soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
16:48	0.5	18.5	1.9	67.41	706	23.3	100	0.10	1.2	-108	
16:59	1.0	37.0	1.6	67.63	707	23.2	72	0.10	0.8	-136	
17:09	1.5	55.5	1.9	67.84	7.28	23.3	69	0.10	0.7	-138	
17:19	2.0	74.0	1.9	67.97	7.29	23.2	63	0.10	0.4	-134	
17:29	2.5	92.5	1.9	68.03	7.27	23.2	59	0.10	0.4	-140	
17:39	3.0	111.0	1.9	68.29	7.27	23.2	57	0.10	0.3	-141	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
16:38	17:39	1.9	111	3	78.4	68.43	17.49	CMW001_WG092_04_0001

DRUM IDs

C6_IDW491_TA

C6_IDW492_TA

Notes:

BOE-C6-0067841

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Tonopah	**Date:** 9-23-04
Project No.: EM2303	**Prepared By:** SY
Well Identification: CMW026	**Weather:** SUNNY
Measurement Point Description: TOC	**Pump Intake:** ~82'
	Screen: 92-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.45/63.45	118.5	55.1	---	36.0	108.0	18	19gal	16gal	8

Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Good / Very soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:36	0.5	18	1.3	64.62	6.05	23.16	Ø	1.44	Ø.12	-184	Clear/No odor
11:50	1.0	36	1.3	64.88	6.08	23.00	Ø	1.43	Ø.26	-151	" " "
12:08	1.5	54	1.0	64.84	6.09	23.09	Ø	1.43	Ø.34	-141	" " "
12:21	2.0	72	1.4	64.94	6.18	23.10	Ø	1.42	Ø.40	-132	" " "
12:33	2.5	90	1.5	64.96	6.17	23.02	Ø	1.42	Ø.45	-129	" " "
12:45	3.0	108	1.5	64.99	6.19	23.06	Ø	1.42	Ø.50	-126	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:22	12:45	1.3	108	3	74.5		12:50	CMW026_WG092204_0001

Notes:

DRUMS

C6_IDW478_TA
C6_IDW480_TA

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-23-04
Project No.: EM 2303	**Prepared By:** SY
Well Identification: TMW-04	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** 55'
	Screen: 60 - 80

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
—	62.71 (62.71)	77.0	14.3	—	2.3	7.0	1.2	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Good / Soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:34	0.5	1.20	0.6	63.01	6.45	23.74	Ø	1.72	Ø.90	+14	clear/No odor
14:36	1.0	2.40	0.6	63.01	6.35	23.67	Ø	1.72	Ø.85	+20	" " "
14:38	1.5	3.60	0.6	63.02	6.33	23.65	Ø	1.72	Ø.70	+22	" " "
14:40	2.0	4.80	0.6	63.02	6.32	23.86	Ø	1.72	Ø.65	+21	
14:42	2.5	6.00	0.6	63.03	6.31	23.87	Ø	1.72	Ø.60	+23	
14:44	3.0	7.00	0.6	63.03	6.30	23.85	Ø	1.72	Ø.51		

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:30	14:44	0.6	7.00	3	~~51.3~~ 65.6	63.00	14:48	TMW-04_wg092304_0001

Notes:

Drum # C6_IDW481_IA

ft-bmp = feet below measuring point

BOE-C6-0067843

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-23-04
Project No.: EM2303	**Prepared By:** TLC
Well Identification: WWC#015 MW C015	**Weather:** Sunny 99°
Measurement Point Description: TLC [illegible]	**Pump Intake:** 65 **Screen:** [illegible]

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.15	120.35	57.20	---	37	111	18.5			

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: [illegible]

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:48	0.5	18.5	.9	63.55	7.23	23.2	890	78	2.2	-290	clear
14:58	1.0	37.0	1.9	63.56	7.38	23.2	910	77	2.1	-239	
15:08	1.5	55.5	1.9	63.56	7.41	23.3	0	77	1.6	-238	
15:18	2.0	74.0	1.9	63.53	7.48	23.3	86	78	1.2	-246	
15:28	2.5	92.5	1.9	63.50	7.45	23.3	11	77	1.0	-245	
15:36	3.0	111	1.9	63.5	7.45	23.2	16	74	0.7	-234	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:28	15:38	1.9	111	3	74.59	63.50	15:45	MW C015-WG092304-0001

Notes:

Drum #s
CG-IDW484-TA
CG-IDW485-TA
CG-IDW482-TA

ft-bmp = feet below measuring point

BOE-C6-0067844

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-23-04
Project No.: EM 2303	**Prepared By:** TLC
Well Identification: MWC016	**Weather:** Sunny 92°
Measurement Point Description: TOC North	**Pump Intake:** ~67
	Screen: 100 — 120

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	64.84	128.13	63.29	---	41	123.5	20.5			

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D Gallons per foot of casing	0.02	0.16	0.65	1.47	**Purge Method:** GRUNDFOS
					Well Condition: Soft Bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
9:01	0.5	20.5	1.7	66.56	8.13	23.02	0	.110	8.40	162	Cloudy
9:12	1.0	41.0	1.9	65.32	8.11	22.92	0	.114	8.33	165	Clear No odor
9:23	1.5	61.5	1.9	65.31	8.15	23.07	0	.116	8.03	169	
9:34	2.0	82.0	1.9	65.43	8.14	23.04	0	.111	6.75	169	
9:45	2.5	102.5	1.9	65.44	8.15	23.08	0	.105	8.53	169	
10:00	3.0	123.0	1.4	65.30	8.13	23.08	0	.115	8.51	166	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
8:49	10:00	1.8	123	3	77.49	65.91	10:13	MWC016_GS09204_CC01 Drum's

Notes:

DRUM No: C6_IDW482_TA
C6_IDW483_TA
C6_IDW479_TA

ft-bmp = feet below measuring point

BOE-C6-0067845

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-23-04
Project No.: EM 2303B	**Prepared By:** TLC
Well Identification: TMW-07	**Weather:** Sunny 97°
Measurement Point Description: TOC North	**Pump Intake:** ~~68~~ ~60'
	Screen: 64-84

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft.) (A – B = C)	LNAPL Thickness (ft-bmp)	D One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E/2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	66.02	83.61	17.59	---	3	9	1.5			

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D Gallons per foot of casing	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: weedy AREA

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:12	0.5	1.5	5	65.26	7.90	26.69	222	0.193	3.06	177	Cloudy
12:14	1.0	3.0	.8	65.81	7.88	27.43	194	0.192	2.37	176	Clear
12.16	1.5	4.5	1	65.90	7.85	29.92	210	0.190	2.30	175	NO ODOR
12:18	2.0	6.0	.8	65.91	7.85	30.34	199	0.192	1.51	173	
12:20	2.5	7.5	8	65.92	7.84	30.70	199	0.192	1.34	172	
12:22	3.0	9.0	.8	65.92	7.84	31.01	199	~~0.192~~ 192	1.30	172	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:09	1222	7.5	9.0	3	69.54	66.21	12:28	TMW-07-WG092364-0001 Drum

Notes:

CG-IDW482-TA

ft-bmp = feet below measuring point

BOE-C6-0067846

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-23-04
Project No.: EM 2303	**Prepared By:** TLC
Well Identification: TW4-01	**Weather:** Sunny 59°
Measurement Point Description: TOC ALUMINUM	**Pump Intake:** 78
	Screen: 61-81

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	69.59	84.30	14.71	--	2.0	6.0	1.0			

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition:

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
7.18	0.5	1.0	.6	69.89	5.46	21.57	322	1.0	1.03	251	VERY Cloudy
7.20	1.0	2.0	.6	70.04	6.09	21.93	347	1.0	1.03	252	unusual odor
7.24	1.5	3.0	.3	70.01	6.37	22.73	331	1.0	1.04	254	
7.26	2.0	4.0	.6	70.04	6.47	22.89	310	1.0	1.02	256	
7.28	2.5	5.0	.6	70.04	6.50	23.08	304	1.0	.98	253	
7.29	3.0	6.0	.6	70.10	6.52	23.13	304	1.0	.91	254	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
7:16	7:29	.6	6	3	72.63	70.41	7:36	TW4-01-092304-0001

Notes:

DRUM #:
C.O. IDW ASR TA

ft-bmp = feet below measuring point

BOE-C6-0067847

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE GRP.	**Date:** 9/22/04
Project No.: EM 2303	**Prepared By:** S.Y
Well Identification: TMW-15	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~ 80' **Screen:** 62-87

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	68.58	87.20	18.62	---	3.0	9.0	1.5	N/A	N/A	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP.

Well Condition: Fair / MISSING TOP COVER casing.

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:46	0.5	1.5	0.3	72.15	6.75	25.02	>999	1.21	1.12	+53	Cloudy / No odor
12:51	1.0	3.0	0.3	72.18	6.71	24.62	>999	1.23	1.09	+52	" " "
12:56	1.5	4.5	0.3	72.22	6.68	24.51	370	1.28	1.00	+35	" " "
13:01	2.0	6.0	0.3	72.25	6.66	24.48	351	1.31	0.96	+32	" " "
13:06	2.5	7.5	0.3	72.26	6.65	24.48	280	1.33	0.90	+31	" " "
13:11	3.0	9.0	0.3	72.27	6.64	24.49	180	1.34	0.89	+30	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:38	13:11		9.0	3	72.30	72.20	13:15	TMW_15_WG092204_0001

Notes: Resample due to ~~previous~~ ~~sample~~ many bubbles in previous sampling by Terri.

C6_IDW474_TA

ft-bmp = feet below measuring point

BOE-C6-0067848

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE C-6
Project No.: EM
Well Identification: MNBC14
Measurement Point Description: TCC MARK

Date: 9/22/04
Prepared By: SY
Weather: SUNNY
Pump Intake: ~ 65'
Screen:

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.5 (63.5)	84.45	20.95	---	13.6	41.0	6.8	N/A	N/A	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba
Purge Method: GRUNDFOS PUMP
Well Condition: GOOD / soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:36	0.5	6.8	0.7	64.43	6.11	22.78	Ø	0.869	2.15	+19	Clear / No odor
10:41	1.0	13.6	1.3	64.50	6.22	22.86	Ø	0.893	1.50	+20	" " "
10:47	1.5	20.4	1.2	64.55	6.32	22.87	Ø	0.891	1.12	+22	" " "
10:53	2.0	27.2	1.1	64.60	6.49	23.24	Ø	0.936	1.08	+33	" " "
10:59	2.5	34.0	1.1	64.63	6.53	23.27	Ø	0.939	1.01	+35	" " "
11:05	3.0	40.8	1.1	64.65	6.58	23.31	Ø	0.942	0.95	+37	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:26	11:05	1.1	40.8	3	67.69	64.50	11:10	MNBC14_WG092204_000

Notes:

C6_IDW474_TA

ft-bmp = feet below measuring point

BOE-C6-0067849

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Torrance	**Date:** 9-22-04
Project No.: EM 2303 B	**Prepared By:** TLC
Well Identification: MWC-017	**Weather:** Sunny 6
Measurement Point Description: Toe North	**Pump Intake:** ~70
	Screen:

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	67.64	124.97	57.33	---	37	111	18			

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D Gallons per foot of casing	0.02	0.16	0.65	1.47	**Purge Method:** Grundfos
					Well Condition: Semi Soft

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
7:47	0.5	19	2.1	68.14	6.61	23.21	53.10	813	90	-218	Semi clear strong
7:57	1.0	38	1.9	68.21	6.69	22.15	57.6	799	157	-170	ODOR
8:08	1.5	57	1.7	68.47	6.71	23.16	47.8	798	1.65	-176	
8:18	2.0	76	1.9	68.44	6.77	23.17	47.9	799	1.95	-152	
8:28	2.5	95	1.9	68.47	6.80	23.17	49.7	798	1.96	-145	
8:38	3.0	114	1.9	68.46	6.81	23.37	27.1	779	1.94	-138	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
7:38	8:38	1.9	114	3	79.11	68.53	8:44	MWC-017-[illegible]-0001 MWC-017-[illegible]-0002

Notes: Lot of Air Bubbles in Tube & flow thru
DO Problem with Horiba Talked to McHmet

Drum # ~~[illegible]~~ S.
C6-IRW475-TA
C6-IRW476-TA

ft-bmp = feet below measuring point

BOE-C6-0067850

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Tonkawa	**Date:** 9-22-04
Project No.: EM 2303	**Prepared By:** JC
Well Identification: TMW-06	**Weather:** Sunny 78
Measurement Point Description: Top Riser	**Pump Intake:** 66
	Screen: 51.2-81.2

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.47	78.73	15.3	---	2.5	7.5	1.25	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:37	0.5	1.25	.6	63.44	7.87	22.26	9.4	0.181	1.87	96	Clear
10:39	1.0	2.50	.6	63.46	7.93	22.23	10.0	0.182	1.78	100	No odor
10:40	1.5	3.75	.6	63.46	7.94	22.25	7.3	179	1.67	103	
10:42	2.0	5.00	.6	63.48	7.95	22.25	1.7	180	1.75	104	
10:44	2.5	6.25	.6	63.50	7.95	22.25	0	180	1.61	104	
10:46	3.0	7.50	.6	63.61	7.96	22.25	0	180	1.60	107	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:35	10:46	.6	7.5	3	64.49	62.21	10:57	TMW-06-092204-0001

Notes: Do High Recalibrated Point to ~~Sample~~ ~~Collect~~ Drum FC6-ID0472-TA Doing Data

ft-bmp = feet below measuring point

BOE-C6-0067851

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: TORRANCE	**Date:** 9-22-04
Project No.: EM 2303	**Prepared By:** TLC
Well Identification: MWB-012	**Weather:** Sunny 96
Measurement Point Description: TOC, 10.27th	**Pump Intake:** 76 / **Screen:**

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.72	84.03 / 84.02	20.30	---	13	39	6.5			

Well Diameter (in)	Gallons/Foot 0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS

Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:05	0.5	6.5	1.6	64.19	8.23	23.04	84.5	0.175	2.50	+115	CLEAR
13:16	1.0	13.0	1.6	64.23	8.22	23.03	72.7	0.174	2.78	117	
13:24	1.5	19.5	1.6	65.13	8.22	23.01	61.1	0.175	2.65	116	
13:32	2.0	26.0	1.6	64.30	8.22	23.00	32.5	0.173	2.49	116	
13:40	2.5	32.5	1.6	64.33	8.17	23.01	29.1	0.174	2.40	118	
13:48	3.0	39.0	1.6	64.36	8.08	23.07	10.2	0.179	2.37	-121	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification MWB-012-092204-000
13:00	13:48	1.6	39	3	67.78	64.26	13:51	

Notes: DO High – Alkea ~~to~~ meet met About DO Problem today Daum# C6-1063477-Th

ft-bmp = feet below measuring point

BOE-C6-0067852

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE QTR.	**Date:** 9/22/04
Project No.: EM 2303 B	**Prepared By:** S.L
Well Identification: ~~DAP~~ DAC-P1	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~75'
	Screen:

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	65.31 / 65.31	90.46	25.15	---	16.0	49.0	8.0	N/A	N/A	N/A

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: GROUNDFOS PUMP.

Well Condition: GOOD / soft @ bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:55	0.5	8.0	0.5	68.50	6.49	23.86	210	2.33	1.70	+31	Clear / No odor
14:59	1.0	16.0	1.6	68.52	6.45	23.82	179	2.30	1.63	+23	" " "
15:09	1.5	24.0	1.0	68.56	6.46	23.78	170	2.39	1.55	+38	" " "
15:13	2.0	32.0	1.6	68.60	6.45	23.77	138	2.43	1.65	+51	" " "
15:19	2.5	40.0	1.3	68.63	6.44	23.78	121	2.45	1.61	+54	" " "
15:28	3.0	49.0	0.9	68.67	6.44	23.73	126	2.44	1.55	+58	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:40	15:28	1.2	49.0	3	70.3	68.61	15:32	DAC-P1_WG092204_0001

Notes: C6_IDW479_TA

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: TORRANCE	**Date:** 9-28-04
Project No.: EM 2303 B	**Prepared By:** TC
Well Identification: TMW_10	**Weather:** Sunny 62°
Measurement Point Description: TOC North	**Pump Intake:** ~~80~~ ~63
	Screen: 60.5–80.5

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
—	61.04	78:00	17	—	3	9	1.5	/	/	/

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D Gallons per foot of casing	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
9:01	0.5	1.5	.8	61.09	5.64	23.35	226	1.85	1.79	50	No odor
9:03	1.0	3.0	.8	61.11	5.96	23.37	155	1.85	1.79	51	
9:05	1.5	4.5	.8	61.26	5.86	23.50	146	1.85	1.73	52	
9:08	2.0	6.0	.5	61.49	5.95	23.54	141	1.84	1.77	53	
9:11	2.5	7.5	.5	61.78	5.97	23.60	139	1.84	1.73	54	
9:13	3.0	9.0	.8	61.90	6.03	23.66	136	1.84	1.74	54	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
8:59	9:13	.7	9	3	64.40	62.09	18	TMW_10_WS092104-0001 Drum # C6_IDW473_TA

Notes: Down Hill By fence Location

ft-bmp = feet below measuring point

BOE-C6-0067854

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: TORRANCE	**Date:** 9-21-04
Project No.: EM 2303B	**Prepared By:** TCC
Well Identification: MWC021	**Weather:** Sunny 79
Measurement Point Description: TOC North	**Pump Intake:** 68
	Screen: [illegible]

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E/2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
—	66.28	121.84	55.6	—	36	108	18			

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D Gallons per foot of casing	0.02	0.16	0.65	1.47	**Purge Method:** G Mindfos
					Well Condition: Good Soft Bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:18	0.5	18	1.8	66.47	656	23.28	118	.871	0	-215	Clear No
10:28	1.0	36	1.8	66.55	656	23.26	116	.870	0	-206	Odor
10:38	1.5	54	1.8	66.73	654	23.28	91.2	.870	0	-195	
10:48	2.0	72	1.8	66.62	657	23.29	85.3	.869	0	-192	
10:58	2.5	90	1.8	66.81	661	23.33	83.1	.867	0	182	
11:08	3.0	108	1.8	67.01	661	23.28	83.1	.867	0	179	
11:16	3.5	116	1.8	67.94	661	23.29	83.2	.869	0	-182	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:08	11:16	1.8	116	3.5	77.36	~~11:15~~ →	11:24	MWC021 ~~[illegible]~~ -WG092104-0001 Drum CG-IDW470 - TA CG-IDW471 - TA

Notes: Lot of Bubbles in tube & flow Thru High Turbity 67.94
RAN Extra Reading to See if ~~[illegible]~~ Turbity would Go Any Lower

ft-bmp = feet below measuring point

BOE-C6-0067855

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance	**Date:** 9-21-04
Project No.: EM 2303 B	**Prepared By:** TLC
Well Identification: TMW-14	**Weather:** Sunny 85
Measurement Point Description:	**Pump Intake:** 73
	Screen: N/A

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X 0=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
—	70.64	85.30	14.66	—	2.5	7.5	1.25	—	—	—

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D Gallons per foot of casing	0.02	0.16	0.65	1.47	**Purge Method:** Grundfos
					Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mg/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:27	0.5	1.25	.6	70.19	6.52	23.67	237	3.21	2.41	2	Cloudy
12:29	1.0	2.50	.6	70.28	6.68	23.58	178	3.27	2.14	28	
12:31	1.5	3.75	.6	70.28	6.62	23.56	114	3.28	1.70	32	
12:33	2.0	5.0	.6	70.41	6.55	23.56	106	3.27	1.11	33	
12:35	2.5	6.25	.6	70.56	6.47	23.54	117	3.26	1.07	35	
12:37	3.0	7.50	.6	70.55	6.38	23.54	114	3.25	1.13	37	
12:39	4.5	8.75	.6	70.61	6.60	23.53	106	3.31	1.08	38	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:25	12:39	.6	8.75	3.5	73.57	12:45	70.61	TMW-14_WS082104_0001 C6-IDW473_TA

Notes: Ran extra reading to lower DO & Turbidity - NO HELP will recalibrate Horiba after this well

ft-bmp = feet below measuring point

BOE-C6-0067856

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Tecolote ~~Site~~	**Date:** 9-21-04
Project No.: EM 2303	**Prepared By:** SY
Well Identification: TMW-11	**Weather:** Sunny
Measurement Point Description: Top Casing	**Pump Intake:** ~ 56'
	Screen: 58 - 78'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
—	61.65	77.20	15.54	—	2.5	7.5	1.25			

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Gravitos

Well Condition: Good / soft

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:50	0.5	1.25	0.3	61.76	6.45	25.70	700.1	1.90	1.50	-8	Cloudy / No odor
13:55	1.0	2.50	0.3	61.78	6.46	25.49	409.1	1.87	1.45	-8	" " "
14:00	1.5	3.75	0.3	61.80	6.48	25.38	322	1.91	1.30	-5	" " "
14:05	2.0	5.00	0.3	61.81	6.49	26.04	445	1.84	1.29	-3	" " "
14:10	2.5	6.25	0.3	61.81	6.50	26.05	375	1.75	1.19	-2	" " "
14:15	3.0	7.50	0.3	61.82	6.51	26.04	265	1.65	1.15	-2	" " "
		~~8.75~~									

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:45	14:15	0.3	8.75	3	64.77	61.60	14:20	TMW-11-WG092104-0001

Notes: Duplicate CG- IDW 469-TA

ft-bmp = feet below measuring point

BOE-C6-0067857

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: TERRAVE	**Date:** 8-21-04
Project No.: EM 2303B	**Prepared By:** TLC
Well Identification: MW3-019	**Weather:** SUNNY 95°
Measurement Point Description: TOC North	**Pump Intake:** ~69
	Screen:

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	67.16	85.01	17.85	---	12	36	6	/	/	/

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D Gallons per foot of casing	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Semi Soft

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1444	0.5	6	.6	67.36	7.36	24.30	85	.32	4.34	134	CLOUDY
1454	1.0	12	.6	67.39	7.36	24.18	66	.33	4.31	136	
1459	1.5	18	1.2	67.51	7.35	24.11	44	.33	4.23	143	CLEARED UP
1504	2.0	24	1.2	67.83	7.40	24.13	~~0~~	.33	3.82	161	NO ODOR
1509	2.5	30	1.2	67.59	7.41	24.14	~~0~~	.33	3.61	166	
15:15	3.0	36	1.0	67.62	7.41	24.14	~~0~~	.33	3.53	165	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:34	15:15	1.0	36	3	70.73	66.27	5:29	MW3-019-WS092104-0001
								C6-IDW472-TA

Notes:

ft-bmp = feet below measuring point

BOE-C6-0067858

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: TORRANCE	**Date:** 9-20-04
Project No.: EM 2303	**Prepared By:** JLC
Well Identification: TMW-15	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~60
	Screen: 62-87

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	68.58	87.22	18.64	---	3.0	9.0	1.5	/	/	/

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D Gallons per foot of casing	0.02	0.16	0.65	1.47	**Purge Method:** Grundfos
					Well Condition:

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (uS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:25	0.5	1.5	~~0.3~~	72.91	6.86	23.47	>999	1.01	.92	3	
11:30	1.0	3.0	0.3	71.03	6.79	23.55	268	1.15	.64	22	
11:35	1.5	4.5	0.3	71.61	6.77	23.91	204	1.19	.62	19	
11:40	2.0	6.0	0.3	71.94	6.75	24.00	205	1.13	.63	24	
11:45	2.5	7.5	0.3	72.00	6.74	24.23	206	1.22	.58	33	
11:50	3.0	9.0	0.3	72.19	6.72	24.31	152	1.20	.46	29	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:20	11:50	.3	9	3	72.30	70.19	11:55	TMW-15-WG012004-0001 DRUMH

Notes:

C6_IDW468_TA

ft-bmp = feet below measuring point

BOE-C6-0067859

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Torrance [illegible]	**Date:** 9-20-04
Project No.: EM2303B	**Prepared By:** TLC
Well Identification: MWB-013	**Weather:** Sunny & windy
Measurement Point Description: [illegible]	**Pump Intake:** ~68
	Screen:

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	6:01	85.0	19	---	12.0	37.0	6	/	/	/

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D Gallons per foot of casing	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Good Soft Bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:02	0.5	6.0	.9	66.59	7.23	23.77	134.0	2.22	2.97	-72	Cloudy no odor
13:08	1.0	12.0	1.0	66.73	7.09	23.78	120.0	2.22	2.88	-66	
13:12	1.5	18.0	1.5	66.70	7.06	23.40	96.6	~~2.89~~	2.91	2	Condu 2.23
13:15	2.0	24.0	2.0	67.76	7.04	23.42	75.6	2.23	3.00	28	
13:18	2.5	30.0	2.0	67.83	7.04	23.42	69.1	2.24	3.08	33	
13:21	3.0	36.0	2.0	67.82	7.04	23.42	64.3	2.24	3.07	36	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:55	13:21	1.4	36.0	3	69.80	67.49	13:25	MWB-013_03g092004_0001

Notes:

C6_IDW466_TA

ft-bmp = feet below measuring point

442-4116
8:38 am

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 9-20-04
Project No.: EM 2303	**Prepared By:** TLC
Well Identification: WCC-055	**Weather:** Sunny ~73
Measurement Point Description: Tox Mark	**Pump Intake:** ~64
	Screen: [illegible]

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E/2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
—	61.93	90.07	28.14	—	18	55	9	/	/	/

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D Gallons per foot of casing	0.02	0.16	0.65	1.47	**Purge Method:** Grundfos
					Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
8:53	0.5	9	.9	62.45	6.15	23.64	57.6	1.64	1.78	71	Clear no odor
9:01	1.0	18	1.0	62.49	6.29	24.03	66.5	1.65	1.84	88	
9:10	1.5	27	1.0	62.58	6.34	23.76	58.4	1.70	1.81	92	
9:18	2.0	36	1.0	62.40	6.35	23.78	52.1	1.70	1.83	91	
9:23	2.5	45	1.0	63.09	6.36	23.48	43.1	1.66	1.74	93	
9:29	3.0	54		63.12	6.40	23.46	40.3	1.64	1.55	94	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
8:42	9:29	1.14	54	3	67.56	~~9:35~~ 63.15	9:35	WCC-055_WS092004_0001

Notes: WATER Clear Trubuity High

C6-1DW467_TA

29
18
47

ft-bmp = feet below measuring point

BOE-C6-0067861

FIELD DATA REPORT

C-6 July 2004
Quarterly
Sampling Event

Torrance, California

Prepared By:

Tait Environmental Management, Inc.
701 N. Parkcenter Dr.
Santa Ana, California 92705

July 23, 2004

TAIT Environmental Management, Inc

ENTERED MH 7/21/04

Groundwater Sampling Data Sheet

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Project Name: C6 TORRANCE BOEING		**Date:** 7/16/04	
Project No.: EM 2303B		**Prepared By:** SY	
Well Identification: MWB012		**Weather:** SUNNY	
Measurement Point Description: TOC NORTH		**Pump Intake:** ~74	**Screen:** Depht ~84.1

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.71/63.72	84.10	20.4	---	13.0	39.0	6.5	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: GROUNDFOS

Well Condition: GOOD / Semi soft

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~m~~ S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
8:55	0.5	6.5	0.7	63.93	5.69	23.60	91.2	1.50	4.01	+103	clear / No odor
9:03	1.0	13.0	0.8	63.95	5.88	23.54	61.3	1.49	3.02	+87	" "
9:11	1.5	19.5	0.8	63.98	6.09	23.58	44.0	1.44	3.00	+66	" "
9:20	2.0	26.0	0.7	64.01	6.23	23.63	19.5	1.43	2.99	+54	" "
9:28	2.5	32.5	0.8	64.03	6.31	23.67	10.9	1.43	2.91	+50	" "
9:36	3.0	39.0	0.8	64.04	6.36	23.65	Ø	1.43	2.90	+49	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
8:45	9:36	.8	39	3	67.8	64.00	9:40	MWB012_WG071504_0001

Notes:

DRUM Nº: C6-IDW434-TA

ft-bmp = feet below measuring point

BOE-C6-0067863

TAIT Environmental Management, Inc

MH 7/21/04

Groundwater Sampling Data Sheet

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Project Name: TORRANCE C-6 (BOEING)	**Date:** 7-16-04
Project No.: EM 2303B	**Prepared By:** TLC
Well Identification: MWC016	**Weather:** Sunny 82°
Measurement Point Description: TOC North	**Pump Intake:** ~69 **Screen:**

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	64.66	124.81	60.15	–	39.	117	19.5	—	—	—

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47	**Purge Method:** Grunfos
					Well Condition: Soft Good Bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
8:35	0.5	19.5	4.0	65.53	5.69	23.31	Ø	0.099	8.41	243	Nice & Clear
8:43	1.0	39.0	2.5	65.55	7.48	22.44	Ø	0.117	9.19	217	No ODOR
8:49	1.5	58.5	3.3	65.58	7.96	22.40	Ø	0.117	9.20	210	
9:07	2.0	78.0	1.1	66.03	8.17	22.50	Ø	0.120	8.62	211	
9:15	2.5	97.5	2.5	66.03	8.22	22.59	Ø	0.118	8.35	208	
9:23	3.0	117.0	2.5	66.03	8.22	22.56	Ø	0.118	8.05	207	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
8:30	9:23	2.27	117.0	3	76.69	66.21	9:25	MWC016_W9071604_0001

Notes: GRUNFOS STOPPED NEEDED TO SHUT DOWN AND REBOOT STARTED BACK @ 8:58
DRUM # C6-IDW431
C6-IDW432
~~C6-IDW43~~

ft-bmp = feet below measuring point

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: C-6 BOEING TORRANCE	**Date:** 7/16/04
Project No.: EM 2303B	**Prepared By:** SY
Well Identification: MWC015	**Weather:** SUNNY
Measurement Point Description:	**Pump Intake:** ~105

Screen: ID Depth - 120

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.11 / 63.12	120.25	57.0	--	37.0	111.0	18.5	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: GROUNDFOS

Well Condition: GOOD / Semi Soft

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity in S/cm	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:30	0.5	18.5	1.42	63.92	6.59	22.66	50.0	0.876	0.12	-201	Clear/Nodor
11:39	1.0	37.0	2.0	63.96	6.65	22.65	17.1	0.875	0.23	-179	" "
11:55	1.5	55.5	1.2	64.10	6.51	23.70	29.5	0.878	Ø.0	-149	" "
12:10	2.0	74.0	1.2	64.12	6.51	22.89	17.7	0.874	0.15	-149	" "
12:28	2.5	92.5	1.0	64.15	6.49	22.90	19.2	0.875	Ø.Ø	-126	" "
12:46	3.0	111	1.0	64.18	6.50	22.89	Ø	0.873	Ø.Ø	-108	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:17	12:46	1.3	111	3	74.7	64.10	12:50	MWC015_WG071604_0001

Notes:

DRUM Nº: C6_IDW435_7A
C6_IDW436_7A

ft-bmp = feet below measuring point

BOE-C6-0067865

TAIT Environmental Management, Inc.

Groundwater Sampling Data Sheet

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Project Name: TORRANCE C-6 (BOEING)		**Date:** 7/16/04	
Project No.: EM 2303B		**Prepared By:** TLC	
Well Identification: MWC017		**Weather:** SUNNY	
Measurement Point Description: TOC NORTH		**Pump Intake:** ~ 114	**~~Screen~~** Depth 125

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E) 37.1	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	67.60	124.67	57.07	---	37	111	18.5	—	—	—

	Gallons/Foot					
Well Diameter (in)	0.75	2	4	6	**Field Equipment:**	Solinst, Horiba
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47	**Purge Method:**	
					Well Condition:	

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (~~mS/m~~)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:30	0.5	18.5		68.04	8.15	22.98	10.4	76.4	~~0~~	-179	Clear Nice
12:37	1.0	37.0		68.31	8.14	22.97	~~0~~	73.8	0.45	-150	no C odor
12:42	1.5	55.5		68.21	7.20	22.79	~~0~~	75.0	3.82	137	
12:46	2.0	74.0		70.03	7.42	22.87	~~0~~	74.5	5.86	115	
13:00	2.5	92.5		71.06	7.86	22.78	~~0~~	73.9	5.69	115	
13:08	3.0	111.0		70.01	7.92	22.77	~~0~~	73.6	5.56	112	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:25	13:08		111.0	3	79.01	70.01	13:15	MWC017_WG071604_0001

Notes: WIND Picked UP And DO went up 3 @ About 12:40 also turbidity changed

43

C6_IDW433_TA

ft-bmp = feet below measuring point

BOE-C6-0067866

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ENTERED 7/21/04

Groundwater Sampling Data Sheet

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Project Name: BOEING C-6 TORRANCE		**Date:** 7/15/04	
Project No.: EM 2303B		**Prepared By:** S.Y	
Well Identification: MWB013		**Weather:** SUNNY	
Measurement Point Description: TOC NORTH		**Pump Intake:** ~ 68	**Screen:** —

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	65.97 (65.98)	84.96	18.98	---	12.0	37	6	—	—	—

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method:

Well Condition:

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity mS/cm	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1350	0.5	6.0	1.2	66.51	4.28	28.58	604	0.031	2.24	+82	Greyish
13:55	1.0	12.0	1.2	66.53	4.28	28.25	583	0.033	2.24	+83	"
14:00	1.5	18.0	1.2	66.55	4.30	27.54	627	0.042	2.24	+84	"
14:05	2.0	24.5	1.2	66.56	4.29	27.43	622	0.045	2.23	+85	"
14:10	2.5	30.5	1.2	66.58	4.36	27.48	630	0.048	2.27	+85	"
14:15	3.0	37.0	1.2	66.60	4.29	27.33	631	0.046	2.25	+86	"

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:45	14:15	1.2	37	3	69.8	66.60	1420	MWB013_WG071504_0001

Notes: GRUNDFOS CONTROL BOX NOT OPERATING @ 12:20. Wait for a replacement.

DRUM No.: C6_IDW 428_TA

ft-bmp = feet below measuring point

BOE-C6-0067867

ENTERED MH 7/21/04

Groundwater Sampling Data Sheet

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Project Name: C-6 BOEING TORRANCE	**Date:** 7/15/04
Project No.: EM 2303B	**Prepared By:** SY
Well Identification: MWB014	**Weather:** SUNNY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~ 66'
	~~Screen~~: ~ 85' depht

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.29 / 63.30	84.50	21.2	--	13.8	41.0	6.9	—	—	—

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	**Field Equipment:** Solinst, Horiba
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47	**Purge Method:** Groundfor
					Well Condition: Good / Soft

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1557	0.5	6.9	0.98	63.39	8.12	24.8	47.0	87	3.01	+93	Clear/No odor
1605	1.0	13.8	0.80	63.45	8.31	24.9	40.1	85	2.98	+81	" "
1613	1.5	20.7	0.90	63.52	8.23	24.7	37.1	76	2.87	+80	" "
1620	2.0	27.6	1.00	63.61	8.41	24.8	28.2	59	2.09	+78	" "
1629	2.5	34.5	0.80	63.67	8.62	24.2	21	60	2.01	+76	" "
1638	3.0	41.0	0.80	63.79	8.53	24.5	12	55	1.80	+75	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
15:50	1638	0.8	41	3	67.6	63.54	1645	MWB014_WG071504_0001

Notes:

DRUM No: C6-IDW429TA

ft-bmp = feet below measuring point

BOE-C6-0067868

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE C-6 BOEING	**Date:** 7-15-011
Project No.: EM 2303B	**Prepared By:** TLC
Well Identification: MWC021	**Weather:** Sunny 86°
Measurement Point Description: TOC NORTH	**Pump Intake:** ~ 71
	Screen: 122

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	66.29	122.05	55.76	---	36.2	108.6	~~54.3~~	/	/	/

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D Gallons per foot of casing	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: Grunfos

Well Condition: Good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:21	0.5	18	2.3	66.97	8.48	22.9	93	78.2	0	-48	Nice Clear
12:25	1.0	36	4.5	66.97	8.21	22.8	-6	78.6	0	-61	
12:34	1.5	54	2.0	67.02	8.17	22.8	-5	80.1	0	-54	
12:41	2.0	72	2.6	67.31	8.16	22.7	-10	80.7	0	-64	
12:49	2.5	90	2.3	67.30	8.14	22.7	-8	80.5	0	-54	
12:54	3.0	108		67.48	8.13	22.7	-10	80.7	0	-41	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:13	1250		108		77.44	67.48	12:54	MWC021-W9071504-0001

Notes:

54
13

41 2.63

DRUM #'S
C6-IDW427-TA
C6-IDW427-TA
C6-IDW427-TA

ft-bmp = feet below measuring point

BOE-C6-0067869

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: TORRANCE C-6 (BOEING)	**Date:** 7/16/04
Project No.: EM 2303B	**Prepared By:** TLC
Well Identification: MW3019	**Weather:** SUNNY
Measurement Point Description: North	**Pump Intake:** 72
Screen: Depth 85	

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	67.08	85.63	18.55	---	12.0	36	6	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Soft

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
16:34	0.5	6	1.5	67.03	7.59	23.5	16	0.273	4.08	192	Clear No odor
16:36	1.0	12	3.0	67.16	7.56	23.6	4	0.273	4.01	190	
16:38	1.5	18	3.0	67.32	7.55	23.5	0	0.273	3.99	188	
16:40	2.0	24	3.0	67.41	7.55	23.4	1	0.273	3.97	187	
16:42	2.5	30	3.0	67.53	7.53	23.1	4	0.273	3.82	187	
16:44	3.0	36	3.0	67.53	7.52	23.1	35	0.265	3.78	187	
16:46	3.5	42	3.0	67.36	7.52	23.1	48	0.265	3.75	187	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
[illegible]	16:46	3.6	42		70.79	67.36	16:47	MW3019_WS071504_0001

Notes: 16:30 RAN A EXTRA DATA TRYING TO GET DO DOWN NO LUCK 16 FEW 4/3 DTA

ft-bmp = feet below measuring point

FIELD DATA REPORT

C-6 May 2004
Baseline
Sampling Event

Torrance, California

Prepared By:

Tait Environmental Management, Inc.
701 N. Parkcenter Dr.
Santa Ana, California 92705

July 13, 2004

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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name:	TORRANCE Baseline	**Date:**	5/7/04
Project No.:	EM2303A	**Prepared By:**	S.Y
Well Identification:	MWB-013	**Weather:**	SUNNY 75°
Measurement Point Description:	TOC NORTH	**Pump Intake:**	~68' Depth ~85'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
—	66.9 (66.0)	85.0	19	—	12.0	37.0	6	~68'

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
Gallons per foot of casing D	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: GOOD / Very soft @ bottom

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:30	0.5	6.0	0.8	66.50	6.65	23.95	148	0.253	5.36	+119	greyish / No odor
10:38	1.0	12.0	0.8	66.53	7.01	23.96	100.0	0.234	5.31	+107	" "
10:45	1.5	18.0	0.9	66.60	7.17	23.95	31.7	0.232	5.16	+102	Clear / No odor
10:54	2.0	24.5	0.7	66.59	7.26	24.14	22.1	0.232	5.07	+99	" "
11:02	2.5	30.5	0.8	66.58	7.34	24.17	14.4	0.232	4.99	+95	" "
11:10	3.0	37.0	0.7	66.59	7.39	24.25	12.3	0.231	4.93	+93	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:23	11:10	0.8	37	3	69.8	66.54	11:15	MWB-013_W6050704_001

Notes:

DRUM №: C6_IDW331_TA

ft-bmp = feet below measuring point

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BOE-C6-0067872

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Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 5/7/04
Project No.: EM2303A	**Prepared By:** S.T.
Well Identification: MWB-014	**Weather:** SUNNY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~ 65' depth ~ 85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
---	63.43 / 63.43	84.45	21.02	--	13.6	41.0	6.8	~65'

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
Gallons per foot of casing D	0.02	0.16	0.65	1.47

Field Equipment: Solinst, ~~Horiba~~ Horiba

Purge Method: Grundfos

Well Condition: GOOD / Soft.

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
15:38	0.5	6.8	0.9	63.86	7.07	23.57	25.6	90.9	2.56	+93	clear / No odor
15:46	1.0	13.6	0.9	63.87	7.08	24.44	20.9	97.5	2.25	+87	clear / No odor
15:58	1.5	20.4	0.6	63.96	7.09	23.39	18.8	95.7	2.17	+84	clear / No odor
16:07	2.0	27.0	0.8	64.10	7.10	23.13	16.8	95.3	2.01	+83	clear / No odor
16:15	2.5	34.0	0.9	64.15	7.11	23.07	19.7	95.9	1.87	+83	clear / No odor
16:24	3.0	41.0	0.8	64.18	7.12	23.08	17.0	95.1	1.86	+83	clear / No odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
15:30	16:21	0.8	41.0	3	67.6	63.79	16:30	MWB-014-W60507041.0001

Notes:

DRUM No: C6_IDW335_TA

ft-bmp = feet below measuring point

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BOE-C6-0067873

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ENTERED 5/20/04

Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 5/7/04
Project No.: EM2303A	**Prepared By:** S.Y
Well Identification: MWC-021	**Weather:** SUNNY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~68 depth ~122'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Faramete (E/2)	Pump setting depth
---	66.25 / 66.25	121.85	55.6	---	36.0	108.0	18.0	~ 68'

	Gallons/Foot			
Well Diameter (in)	0.75	~~2~~	4	6
Gallons per foot of casing D	0.02	~~0.16~~	0.65	1.47

Field Equipment: Solinst, Horriba

Purge Method: Grundfos

Well Condition: GOOD / Very Soft @ bottom

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:30	0.5	18	0.7	66.53	7.24	23.73	5.4	80.4	0.83	+54	Clear / No odor
12:49	1.0	36	0.9	66.58	7.27	23.57	8.0	80.2	0.50	+25	" "
13:08	1.5	54	0.9	66.60	7.28	23.66	14.6	79.9	0.32	+15	" "
13:27	2.0	72	0.9	66.61	7.31	23.73	10.3	80.4	0.23	+8	" "
13:49	2.5	90	0.8	66.59	7.35	24.51	15.0	79.8	0.17	+2	" "
14:14	3.0	108	0.7	66.61	7.41	25.85	18.5	79.8	0.18	+10	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:05	14:14	0.8	108	3	77.4		14:20	MWC-021_WG050704.000

Notes: Water has little bubbles in the tube and on side wall of the tube while purging.

DRUM №: C6_IDW332_TA
C6_IDW333_TA
C6_IDW334_TA

ft-bmp = feet below measuring point

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BOE-C6-0067874

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Groundwater Sampling Data Sheet

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Project Name: TORRANCE	**Date:** 5/7/04
Project No.: EM2303A	**Prepared By:** TC
Well Identification: MWB-019	**Weather:** Sunny °75
Measurement Point Description: TOC N	**Pump Intake:** ~69 DEPTH: 85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
—	67.12	85.01	17.89	—	12	36	17	—

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
Gallons per foot of casing D	0.02	0.16	0.65	1.47	

Field Equipment: Solinst,
Purge Method: Grundfos
Well Condition: Semi Soft

	Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
7	13:41	0.5	6	.4	67.3	7.66	26.0	85	0.32	4.64	+129	Slightly Cloudy
3	13:52	1.0	12	.6	67.4	7.69	24.7	66	0.33	4.32	+133	" "
9	14:01	1.5	18	.6	67.5	7.71	24.0	96	0.33	4.23	+144	
	14:18	2.0	24	.4	67.8	7.73	23.6	0	0.33	3.86	+166	
	14:22	2.5	30	1.5	67.9	7.73	23.9	0	0.33	3.80	+165	
	14:28	3.0	36	1.0	67.8	7.71	24.3	0	0.33	3.67	+163	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:27	14:29	0.75	36	3	13.46	67.40	14:36	MWB-019_WG050704_0001

Notes: TAIT Tubing

DRUM No: C6_IDW328_TA
C6_IDW329_TA
C6_IDW330_TA

ft-bmp = feet below measuring point
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Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Baseline	**Date:** 5.7.04
Project No.: EM2303A	**Prepared By:** SM TC
Well Identification: MWC-017	**Weather:** 75° sunny
Measurement Point Description: TOC N	**Pump Intake:** ~68 Depth: 125

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Ex3 Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
---	67.62	124.95	58.33	---	38	114	19	68

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
Gallons per foot of casing D	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Semi Soft

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:55	.5	19	.07	67.90	8.49	24.1	0	0.13	3.36	+68	clear
11:14	1.0	38	1.0	67.99	8.39	23.6	0	0.11	0.82	+82	clear
11:33	1.5	57	0.9	67.99	8.33	23.7	0	0.11	2.73	+99	clear
11:49	2.0	76	1.1	67.99	8.31	23.6	0	0.10	3.22	+109	clear
12:09	2.5	95	0.9	67.95	8.31	23.8	0	0.10	3.43	+116	
12:28	3.0	114	1.0	67.95	8.31	24.0	0	0.10	3.60	+121	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery-Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:27	12:28	9.3 .8	114	3	78.29	67.95	12:35	MWC-017G050704_0001
								MWC-017-WG050704_0002 BLANK

Notes: 100 Foot TAIT Tubing

DRUM #: C6-IDW327-TA
C6-IDW328-TA

Many Bubbles when sampling. Included 4 Non preserve for Backup

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Page ___ of ___

Project Name:	**Date:** 5/6/04
Project No.: EM2303A	**Prepared By:** S.Y
Well Identification: MWC016	**Weather:** SUNNY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~67.0

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
—	64.82	128.15	63.3	—	41.0	123.5	20.5	~65ft

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
Gallons per foot of casing D	0.02	0.16	0.65	1.47

Field Equipment: Solinst,

Purge Method: Grundfos

Well Condition: GOOD/5cm @ bottom

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:27	0.5	20.6	0.8	65.15	7.07	23.87	0.0	0.113	13.10	+79	clear/No odor
12:09	1.0	41.2	0.6	65.08	7.13	24.37	0.0	0.124	11.38	+77	clear/No odor
12:33	1.5	61.8	0.6	65.10	7.12	24.19	0.0	0.113	11.25	+83	clear/No odor
13:03	2.0	82.4	0.7	65.35	7.12	23.12	0.0	0.122	11.63	+88	clear/No odor
3:29 13:[illegible]	2.5	103.0	1.2	65.53	7.12	22.89	0.0	0.122	11.99	+87	clear/No odor
13:40	3.0	123.6	1.0	65.54	7.13	23.16	0.0	0.121	11.61	+86	clear/No odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:00	13:40	0.8	123.6	3	77.5	65.01	13:43	MWC016_WG050604_0002 MWC016_WG050604_0001

Notes: Water has a lots of bubble in the tube while purging.

DRUM No.: C6_IDW320_TA, C6_IDW321_TA, C6_IDW322_TA

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: TORRANCE BASELINE	**Date:** 5-6-04
Project No.: EM2365A	**Prepared By:** TLC SM
Well Identification: MWC-015	**Weather:** SUNNY
Measurement Point Description:	**Pump Intake:** ~ 65'
	Screen: Depth ~125'

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E/2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	63.35	120.37	57:02	–	37	111	18.5	—	—	—

	Gallons/Foot			
Well Diameter (in)	0.75	2	4	6
D **Gallons per foot of casing**	0.02	0.16	0.65	1.47

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Very Soft

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:50	.5	18.5	.9	63.37	6.85	23.89	17.2	0824	0.24	+140	Clear
14:13	1.0	37.0	.5	63.31	6.75	23.87	25.3	0.911	0.13	+63	" "
14:32	1.5	55.5	.9	63.55	6.75	23.95	-0-	0.920	0.04	+51	" "
14:51	2.0	74.0	.9	63.52	6.77	24.00	-0-	0.920	-0-	+17	" "
15:20	2.5	92.5	.6	63.56	6.77	24.00	-0-	0.920	-0-	+8	" "
15:37	3.0	111.0	1.0	63.59	6.77	24.06	-0-	0.921	-0-	+13	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:31	15:37	0.8	111	3	74	63.59	15:49	MWC-015_wgp50604.0001

Notes: Tait 100 ft Tubing Inserted

DRUM C6_IDW 323 – TA
C6_IDW 324 – TA
C6_IDW 325 – TA

BOE-C6-0067878

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Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Baseline	**Date:** 5-6-04
Project No.: EM2303A	**Prepared By:** TLC - SM
Well Identification: MWB-012	**Weather:** 80° Sunny
Measurement Point Description: TOCN	**Pump Intake:** ~65

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A - B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
---	63.90	84.16	20.26	---	13	39	6.5	~65'

	Gallons/Foot				
Well Diameter (in)	0.75	2	4	6	
D Gallons per foot of casing	0.02	0.16	0.65	1.47	

Field Equipment: Solinst, Horiba

Purge Method: Grundfos

Well Condition: Soft Bottom

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/CM)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:11	.05	6.5	.9	64.10	6.44	24.15	413.0	1.60	0.13	+268	cloudy
11.23	1.0	13.0	.5	64.12	6.52	23.88	166.0	1.59	0.11	+227	K Cl
11:32	1.5	19.5	.7	64.12	6.58	23.93	140.0	1.58	0.12	+191	
11:42	2.0	26.0	.7	64.12	6.62	23.93	[illegible]	1.58	0.12	+171	water Clear
11:50	2.5	32.5	.8	64.13	6.65	23.83	-0-	1.57	0.12	+158	Clear
11:58	3.0	39.0	.8	64.13	6.69	23.90	-0-	1.56	0.12	+147	Clear

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80)-B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:05	11:58	0.7	39	3	15.37	64.14	12:04	MWB-012_WG050604_0002 MWB-012_WG050604_0001

Notes: Inserted Tait Tubing

DRUM No C6_TDW326_TA

ft-bmp = feet below measuring point

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BOE-C6-0067879

Appendix B

BOE-C6-0067880

APPENDIX B

Analytical Reports and Chain-of-Custody Records (CD)

Appendix C

BOE-C6-0067882

APPENDIX C

Data Validation

LABORATORY DATA CONSULTANTS, INC.
7750 El Camino Real, Suite 2L Carlsbad, CA 92009 Phone: 760/634-0437 Fax: 760/634-0439

Haley & Aldrich, Inc.
9040 Friars Road, Suite 220
San Diego, CA 92108
ATTN: Ms. Beth Breitenbach

October 22, 2004

SUBJECT: Boeing C-6 Facility, Data Validation

Dear Ms. Breitenbach,

Enclosed are the final validation reports for the fraction listed below. These SDGs were received on October 7, 2004. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 12579:

SDG #	Fraction
E4G170216, E4I230268	Volatiles

The data validation was performed under Tier 2 and Tier 3 guidelines. The analyses were validated using the following documents, as applicable to each method:

- USEPA, Contract Laboratory Program National Functional Guidelines for Organic Data Review, October 1999
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998

Please feel free to contact us if you have any questions.

Sincerely,

Steven A. Ziliak
Senior Chemist

12579COV.wpd

Attachment 1

2 Week TAT (25%)

LDC #12579 (Haley & Aldrich, Inc.-San Diego / Boeing Huntington Beach, Bldg C-6)

LDC	SDG#	DATE REC'D	DATE DUE	VOA (8260B)																															
Matrix:	Water/Soil			W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	E4G170216	10/07/04	10/21/04	4	0																														
A	E4G170216	10/07/04	10/21/04	2	0																														
B	E4I230268	10/07/04	10/21/04	6	0																														
B	E4I230298	10/07/04	10/21/04	3	0																														
Total	B			15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15

Shaded cells indicate Tier III validation (all other cells are Tier II validation). Sample counts do not include MS, MSD, or DUP's.

12579ST.WPD

Boeing Huntington Beach, Bldg C-6
Data Validation Reports
LDC# 12579

Volatiles

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Boeing Huntington Beach, Bldg. C-6

Collection Date: July 16, 2004

LDC Report Date: October 22, 2004

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 2, & Tier 3

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E4G170216

Sample Identification

MWB012_WG071604_0001**
MWC016_WG071604_0001
MWC015_WG071604_0001**
MWC017_WG071604_0001
EB_TAIT071604_0001
TB_TAIT071604_0001

**Indicates sample underwent a Tier 3 review

Introduction

This data review covers 6 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260B for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (October 1999) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section V.

Field duplicates are summarized in Section XVI.

Samples indicated by a double asterisk on the front cover underwent a Tier 3 review. A Tier 2 review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Tier 2 or Tier 1 criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

BOE-C6-0067888

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 30.0% (%RSD) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

Date	Compound	%RSD	Associated Samples	Flag	A or P
7/9/04	2-Chloroethylvinyl ether	38.617	All samples in SDG E4G170216	J (all detects) UJ (all non-detects)	A

Average relative response factors (RRF) for all volatile target compounds and system performance check compounds (SPCCs) were within method and validation criteria with the following exceptions:

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
7/9/04	2-Chloroethylvinyl ether Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran	0.00516 (≥0.05) 0.01899 (≥0.05) 0.02795 (≥0.05) 0.02388 (≥0.05) 0.04124 (≥0.05) 0.03238 (≥0.05)	All samples in SDG E4G170216	J (all detects) UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 25.0% (%D) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
7/19/04	2-Chloroethylvinyl ether 2-Butanone 1,2-Dibromo-3-chloropropane	76.06016 26.07180 27.83718	All samples in SDG E4G170216	J (all detects) UJ (all non-detects)	A

All of the continuing calibration RRF values were within method and validation criteria with the following exceptions:

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
7/19/04	Acrolein Acetone Acrylonitrile 2-Chloroethylvinyl ether Tetrahydrofuran	0.02353 (≥0.05) 0.03356 (≥0.05) 0.02935 (≥0.05) 0.00909 (≥0.05) 0.03354 (≥0.05)	All samples in SDG E4G170216	J (all detects) UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable with the following exceptions:

BOE-C6-0067890

Sample	Compound	Finding	Criteria	Flag	A or P
All samples in SDG E4G170216	All TCL compounds	No MS/MSD associated with these samples.	MS/MSD required.	None	P

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

LCS ID (Associated Samples)	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Flag	A or P
GLGEP1AC (All samples in SDG E4G170216)	Carbon disulfide	4.4 (70-130)	-	-	J (all detects) UJ (all non-detects)	P
	Hexachlorobutadiene	68 (70-130)	-	-	J (all detects) UJ (all non-detects)	

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XV. Overall Assessment of Data

Data flags have been summarized at the end of the report.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

Sample TB_TAIT071604_0001 was identified as a trip blank. No volatile contaminants were found in this blank with the following exceptions:

Trip Blank ID	Compound	Concentration (ug/L)
TB_TAIT071604_0001	Acetone	4.6

Sample EB_TAIT071604_0001 was identified as an equipment blank. No volatile contaminants were found in this blank with the following exceptions:

Equipment Blank ID	Compound	Concentration (ug/L)
EB_TAIT071604_0001	Acetone	19

BOE-C6-0067892

Boeing Huntington Beach, Bldg. C-6
Volatiles - Data Qualification Summary - SDG E4G170216

SDG	Sample	Compound	Flag	A or P	Reason
E4G170216	MWB012_WG071604_0001** MWC016_WG071604_0001 MWC015_WG071604_0001** MWC017_WG071604_0001 EB_TAIT071604_0001 TB_TAIT071604_0001	2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E4G170216	MWB012_WG071604_0001** MWC016_WG071604_0001 MWC015_WG071604_0001** MWC017_WG071604_0001 EB_TAIT071604_0001 TB_TAIT071604_0001	2-Chloroethylvinyl ether Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)
E4G170216	MWB012_WG071604_0001** MWC016_WG071604_0001 MWC015_WG071604_0001** MWC017_WG071604_0001 EB_TAIT071604_0001 TB_TAIT071604_0001	2-Chloroethylvinyl ether 2-Butanone 1,2-Dibromo-3-chloropropane	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E4G170216	MWB012_WG071604_0001** MWC016_WG071604_0001 MWC015_WG071604_0001** MWC017_WG071604_0001 EB_TAIT071604_0001 TB_TAIT071604_0001	Acrolein Acetone Acrylonitrile 2-Chloroethylvinyl ether Tetrahydrofuran	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
E4G170216	MWB012_WG071604_0001** MWC016_WG071604_0001 MWC015_WG071604_0001** MWC017_WG071604_0001 EB_TAIT071604_0001 TB_TAIT071604_0001	All TCL compounds	None	P	Matrix spike/Matrix spike duplicates
E4G170216	MWB012_WG071604_0001** MWC016_WG071604_0001 MWC015_WG071604_0001** MWC017_WG071604_0001 EB_TAIT071604_0001 TB_TAIT071604_0001	Carbon disulfide Hexachlorobutadiene	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)

Boeing Huntington Beach, Bldg. C-6
Volatiles - Laboratory Blank Data Qualification Summary - SDG E4G170216

No Sample Data Qualified in this SDG

TAIT ENVIRONMENTAL

Client Sample ID: MWB012_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-001 **Work Order #...:** GLA2N1AA **Matrix.....:** WATER
Date Sampled...: 07/16/04 09:40 **Date Received..:** 07/16/04 17:45
Prep Date.....: 07/19/04 **Analysis Date..:** 07/20/04
Prep Batch #...: 4202488 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	10	ug/L
Chloromethane	ND	20	ug/L
Chloroethane	ND	20	ug/L
Bromomethane	ND	20	ug/L
Trichlorofluoromethane	ND	20	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	10	ug/L
1,1-Dichloroethene	**4.0 J**	**10**	**ug/L**
Methylene chloride	ND	10	ug/L
Methyl tert-butyl ether	ND	10	ug/L
Carbon disulfide	ND UJ	10	ug/L
Acetone	ND UJ	100	ug/L
trans-1,2-Dichloroethene	ND	10	ug/L
1,1-Dichloroethane	ND	10	ug/L
2,2-Dichloropropane	ND	10	ug/L
cis-1,2-Dichloroethene	ND	10	ug/L
Chloroform	**3.7 J**	**10**	**ug/L**
Bromochloromethane	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
2-Butanone	ND UJ	50	ug/L
1,1-Dichloropropene	ND	10	ug/L
Carbon tetrachloride	ND	5.0	ug/L
1,2-Dibromoethane	ND	10	ug/L
Benzene	ND	10	ug/L
Trichloroethene	**510**	**10**	**ug/L**
Bromodichloromethane	ND	10	ug/L
4-Methyl-2-pentanone	ND	50	ug/L
Toluene	ND	10	ug/L
1,1,2-Trichloroethane	ND	10	ug/L
1,2-Dichloroethane	ND	5.0	ug/L
Tetrachloroethene	**5.6 J**	**10**	**ug/L**
2-Hexanone	ND	50	ug/L
Dibromochloromethane	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
Ethylbenzene	ND	10	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	10	ug/L
Styrene	ND	10	ug/L
Bromoform	ND	10	ug/L

(Continued on next page)

A 002204

TAIT ENVIRONMENTAL

Client Sample ID: MWB012_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-001 Work Order #...: GLA2N1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	10	ug/L
1,1,2,2-Tetrachloroethane	ND	10	ug/L
1,2,3-Trichloropropane	ND	10	ug/L
n-Propylbenzene	ND	10	ug/L
Bromobenzene	ND	10	ug/L
1,3,5-Trimethylbenzene	ND	10	ug/L
2-Chlorotoluene	ND	10	ug/L
4-Chlorotoluene	ND	10	ug/L
tert-Butylbenzene	ND	10	ug/L
1,2,4-Trimethylbenzene	ND	10	ug/L
sec-Butylbenzene	ND	10	ug/L
p-Isopropyltoluene	ND	10	ug/L
1,3-Dichlorobenzene	ND	10	ug/L
1,4-Dichlorobenzene	ND	10	ug/L
n-Butylbenzene	ND	10	ug/L
1,2-Dichlorobenzene	ND	10	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	20	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
Hexachlorobutadiene	ND UJ	10	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
Acrolein	ND UJ	200	ug/L
Acrylonitrile	ND UJ	200	ug/L
Iodomethane	ND	20	ug/L
2-Chloroethyl vinyl ether	ND UJ	50	ug/L
Tetrahydrofuran	ND UJ	100	ug/L
Vinyl acetate	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	89	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 10/20/04

TAIT ENVIRONMENTAL

Client Sample ID: MWC016_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-002 Work Order #...: GLA2V1AA Matrix.....: WATER
Date Sampled...: 07/16/04 09:25 Date Received..: 07/16/04 17:45
Prep Date.....: 07/19/04 Analysis Date..: 07/20/04
Prep Batch #...: 4202488 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	25	ug/L
Chloromethane	ND	50	ug/L
Chloroethane	ND	50	ug/L
Bromomethane	ND	50	ug/L
Trichlorofluoromethane	ND	50	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	25	ug/L
1,1-Dichloroethene	ND	25	ug/L
Methylene chloride	ND	25	ug/L
Methyl tert-butyl ether	ND	25	ug/L
Carbon disulfide	ND UJ	25	ug/L
Acetone	ND UJ	250	ug/L
trans-1,2-Dichloroethene	ND	25	ug/L
1,1-Dichloroethane	ND	25	ug/L
2,2-Dichloropropane	ND	25	ug/L
cis-1,2-Dichloroethene	ND	25	ug/L
Chloroform	**9.0 J**	**25**	**ug/L**
Bromochloromethane	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
2-Butanone	ND UJ	120	ug/L
1,1-Dichloropropene	ND	25	ug/L
Carbon tetrachloride	ND	12	ug/L
1,2-Dibromoethane	ND	25	ug/L
Benzene	ND	25	ug/L
Trichloroethene	**980**	**25**	**ug/L**
Bromodichloromethane	ND	25	ug/L
4-Methyl-2-pentanone	ND	120	ug/L
Toluene	ND	25	ug/L
1,1,2-Trichloroethane	ND	25	ug/L
1,2-Dichloroethane	ND	12	ug/L
Tetrachloroethene	ND	25	ug/L
2-Hexanone	ND	120	ug/L
Dibromochloromethane	ND	25	ug/L
Chlorobenzene	ND	25	ug/L
1,1,1,2-Tetrachloroethane	ND	25	ug/L
Ethylbenzene	ND	25	ug/L
Vinyl chloride	ND	12	ug/L
Xylenes (total)	ND	25	ug/L
Styrene	ND	25	ug/L
Bromoform	ND	25	ug/L

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A 10/22/07

BOE-C6-0067896

TAIT ENVIRONMENTAL

Client Sample ID: MWC016_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-002 Work Order #...: GLA2V1AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	25	ug/L
1,1,2,2-Tetrachloroethane	ND	25	ug/L
1,2,3-Trichloropropane	ND	25	ug/L
n-Propylbenzene	ND	25	ug/L
Bromobenzene	ND	25	ug/L
1,3,5-Trimethylbenzene	ND	25	ug/L
2-Chlorotoluene	ND	25	ug/L
4-Chlorotoluene	ND	25	ug/L
tert-Butylbenzene	ND	25	ug/L
1,2,4-Trimethylbenzene	ND	25	ug/L
sec-Butylbenzene	ND	25	ug/L
p-Isopropyltoluene	ND	25	ug/L
1,3-Dichlorobenzene	ND	25	ug/L
1,4-Dichlorobenzene	ND	25	ug/L
n-Butylbenzene	ND	25	ug/L
1,2-Dichlorobenzene	ND	25	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	50	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
Hexachlorobutadiene	ND UJ	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
Acrolein	ND UJ	500	ug/L
Acrylonitrile	ND UJ	500	ug/L
Iodomethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND UJ	120	ug/L
Tetrahydrofuran	ND UJ	250	ug/L
Vinyl acetate	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	89	(65 - 135)
Toluene-d8	99	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 112204

BOE-C6-0067897

TAIT ENVIRONMENTAL

Client Sample ID: MWC015_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-003 Work Order #...: GLA2X1AA Matrix.....: WATER
Date Sampled...: 07/16/04 12:50 Date Received..: 07/16/04 17:45
Prep Date.....: 07/19/04 Analysis Date..: 07/20/04
Prep Batch #...: 4202488 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	50	ug/L
Chloromethane	ND	100	ug/L
Chloroethane	ND	100	ug/L
Bromomethane	ND	100	ug/L
Trichlorofluoromethane	ND	100	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	50	ug/L
1,1-Dichloroethene	ND	50	ug/L
Methylene chloride	ND	50	ug/L
Methyl tert-butyl ether	ND	50	ug/L
Carbon disulfide	ND UJ	50	ug/L
Acetone	ND UJ	500	ug/L
trans-1,2-Dichloroethene	ND	50	ug/L
1,1-Dichloroethane	ND	50	ug/L
2,2-Dichloropropane	ND	50	ug/L
cis-1,2-Dichloroethene	ND	50	ug/L
Chloroform	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
2-Butanone	ND UJ	250	ug/L
1,1-Dichloropropene	ND	50	ug/L
Carbon tetrachloride	ND	25	ug/L
1,2-Dibromoethane	ND	50	ug/L
Benzene	ND	50	ug/L
Trichloroethene	**1400**	**50**	**ug/L**
Bromodichloromethane	ND	50	ug/L
4-Methyl-2-pentanone	ND	250	ug/L
Toluene	ND	50	ug/L
1,1,2-Trichloroethane	ND	50	ug/L
1,2-Dichloroethane	ND	25	ug/L
Tetrachloroethene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
Dibromochloromethane	ND	50	ug/L
Chlorobenzene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
Xylenes (total)	ND	50	ug/L
Styrene	ND	50	ug/L
Bromoform	ND	50	ug/L

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BOE-C6-0067898

TAIT ENVIRONMENTAL

Client Sample ID: MWC015_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-003 **Work Order #...:** GLA2X1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	50	ug/L
1,1,2,2-Tetrachloroethane	ND	50	ug/L
1,2,3-Trichloropropane	ND	50	ug/L
n-Propylbenzene	ND	50	ug/L
Bromobenzene	ND	50	ug/L
1,3,5-Trimethylbenzene	ND	50	ug/L
2-Chlorotoluene	ND	50	ug/L
4-Chlorotoluene	ND	50	ug/L
tert-Butylbenzene	ND	50	ug/L
1,2,4-Trimethylbenzene	ND	50	ug/L
sec-Butylbenzene	ND	50	ug/L
p-Isopropyltoluene	ND	50	ug/L
1,3-Dichlorobenzene	ND	50	ug/L
1,4-Dichlorobenzene	ND	50	ug/L
n-Butylbenzene	ND	50	ug/L
1,2-Dichlorobenzene	ND	50	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	100	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
Hexachlorobutadiene	ND UJ	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
Acrolein	ND UJ	1000	ug/L
Acrylonitrile	ND UJ	1000	ug/L
Iodomethane	ND	100	ug/L
2-Chloroethyl vinyl ether	ND UJ	250	ug/L
Tetrahydrofuran	ND UJ	500	ug/L
Vinyl acetate	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	100	(80 - 130)

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[illegible]

E4G170216

TAIT ENVIRONMENTAL

Client Sample ID: MWC017_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-004 Work Order #...: GLA211AA Matrix.....: WATER
Date Sampled...: 07/16/04 13:15 Date Received..: 07/16/04 17:45
Prep Date.....: 07/19/04 Analysis Date..: 07/20/04
Prep Batch #...: 4202488 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	5.0	ug/L
Chloromethane	ND	10	ug/L
Chloroethane	ND	10	ug/L
Bromomethane	ND	10	ug/L
Trichlorofluoromethane	ND	10	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	5.0	ug/L
1,1-Dichloroethene	**12**	**5.0**	**ug/L**
Methylene chloride	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Carbon disulfide	ND UJ	5.0	ug/L
Acetone	ND UJ	50	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
Chloroform	**16**	**5.0**	**ug/L**
Bromochloromethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
2-Butanone	ND UJ	25	ug/L
1,1-Dichloropropene	ND	5.0	ug/L
Carbon tetrachloride	ND	2.5	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
Benzene	ND	5.0	ug/L
Trichloroethene	**120**	**5.0**	**ug/L**
Bromodichloromethane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	25	ug/L
Toluene	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	2.5	ug/L
Tetrachloroethene	ND	5.0	ug/L
2-Hexanone	ND	25	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Vinyl chloride	ND	2.5	ug/L
Xylenes (total)	ND	5.0	ug/L
Styrene	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L

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A 12/2/04

BOE-C6-0067900

TAIT ENVIRONMENTAL

Client Sample ID: MWC017_WG071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-004 Work Order #...: GLA211AA Matrix.....: WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	5.0	ug/L
n-Propylbenzene	ND	5.0	ug/L
Bromobenzene	ND	5.0	ug/L
1,3,5-Trimethylbenzene	ND	5.0	ug/L
2-Chlorotoluene	ND	5.0	ug/L
4-Chlorotoluene	ND	5.0	ug/L
tert-Butylbenzene	ND	5.0	ug/L
1,2,4-Trimethylbenzene	ND	5.0	ug/L
sec-Butylbenzene	ND	5.0	ug/L
p-Isopropyltoluene	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
n-Butylbenzene	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	10	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Hexachlorobutadiene	ND UJ	5.0	ug/L
1,2,3-Trichlorobenzene	ND	5.0	ug/L
Acrolein	ND UJ	100	ug/L
Acrylonitrile	ND UJ	100	ug/L
Iodomethane	ND	10	ug/L
2-Chloroethyl vinyl ether	ND UJ	25	ug/L
Tetrahydrofuran	ND UJ	50	ug/L
Vinyl acetate	ND	25	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	99	(80 - 130)

B 102204

BOE-C6-0067901

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-005 **Work Order #...:** GLA241AA **Matrix.....:** WATER
Date Sampled...: 07/16/04 08:00 **Date Received..:** 07/16/04 17:45
Prep Date.....: 07/19/04 **Analysis Date..:** 07/19/04
Prep Batch #...: 4202488 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND UJ	1.0	ug/L
Acetone	**4.6 J** J	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND UJ	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

(Continued on next page)

BOE-C6-0067902

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-005 **Work Order #...:** GLA241AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND UJ	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND UJ	20	ug/L
Acrylonitrile	ND UJ	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND UJ	5.0	ug/L
Tetrahydrofuran	ND UJ	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
Toluene-d8	99	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 1/22/04

BOE-C6-0067903

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT071604_0001

GC/MS Volatiles

Lot-Sample #...:	E4G170216-006	**Work Order #...:**	GLA291AA	**Matrix.....:**	WATER
Date Sampled...:	07/16/04	**Date Received..:**	07/16/04 17:45		
Prep Date.....:	07/19/04	**Analysis Date..:**	07/19/04		
Prep Batch #...:	4202488	**Method.....:**	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND UJ	1.0	ug/L
Acetone	**19 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND UJ	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

(Continued on next page)

BOE-C6-0067904

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT071604_0001

GC/MS Volatiles

Lot-Sample #...: E4G170216-006 **Work Order #...:** GLA291AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND UJ	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND UJ	20	ug/L
Acrylonitrile	ND UJ	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND UJ	5.0	ug/L
Tetrahydrofuran	ND UJ	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	100	(80 - 130)

A
WVVM

LDC #: 12579A1~~1~~ **VALIDATION COMPLETENESS WORKSHEET** Date: 10/11/04

SDG #: E4G170216 EPA Region 1 - Tier 2/3 Page: 1 of 1

Laboratory: Severn Trent Laboratories, Inc. Reviewer: [illegible]

2nd Reviewer: [illegible]

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 7/16/04
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	SW	
IV.	Continuing calibration	SW	
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	Non-Client None/P
VIII.	Laboratory control samples	SW	LCS/D
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	A	Not reviewed for Tier II validation.
XII.	Compound quantitation/CRQLs	A	Not reviewed for Tier II validation.
XIII.	Tentitatively identified compounds (TICs)	N	Not reviewed for Tier II validation. not reported
XIV.	System performance	A	Not reviewed for Tier II validation.
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	SW	EB=5 TB=6

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank

Validated Samples: **Indicates sample underwent a Tier 3 review

water

1 +	MWB012_WG071604_0001**	11	GLGEPIAA-MB	21		31	
2 +	MWC016_WG071604_0001	12		22		32	
3 +	MWC015_WG071604_0001**	13		23		33	
4 +	MWC017_WG071604_0001	14		24		34	
5 +	EB_TAIT071604_0001	15		25		35	
6 +	TB_TAIT071604_0001	16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

12579A1W.wpd

LDC #: 12579A1a
SDG #: E4G70216

VALIDATION FINDINGS CHECKLIST

Reviewer: B
2nd Reviewer: R

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	✓			
Cooler temperature criteria was met.	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓	✓		
Was a curve fit used for evaluatibn? If Yes, what was the acceptance criteria used?		✓		
Did the initial calibration meet the curve fit acceptance criteria?			✓	
Were all percent relative standard deviations (%RSD) ≤ 30% and relative response factors (RRF) ≥ 0.05?	✓			
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 25% and relative response factors (RRF) ≥ 0.05?		✓		
V. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was a method blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.		✓		
VI. Surrogate spikes				
Were all surrogate %R within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.			✓	
Was a MS/MSD analyzed every 20 samples of each matrix?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	

LDC #: 12579A1a
SDG #: E4G170216

VALIDATION FINDINGS CHECKLIST

Reviewer: PJ
2nd Reviewer: K

Validation Area	Yes	No	NA	Findings/Comments
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	✓			
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?			✓	
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?			✓	
Were the performance evaluation (PE) samples within the acceptance limits?			✓	
X. Internal standards				
Were internal standard area counts within -50% or +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XI. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
XII. Compound quantitation/CRQLs				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Tentatively identified compounds (TICs)				
Were the major ions (> 10 percent relative intensity) in the reference spectrum evaluated in sample spectrum?			✓	
Were relative intensities of the major ions within ± 20% between the sample and the reference spectra?			✓	
Did the raw data indicate that the laboratory performed a library search for all required peaks in the chromatograms (samples and blanks)?			✓	
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			
XVI. Field duplicates				
Field duplicate pairs were identified in this SDG.		✓		
Target compounds were detected in the field duplicates.			✓	

LDC #: 12579A|a
SDG #: E4G170216

VALIDATION FINDINGS CHECKLIST

Reviewer: F
2nd Reviewer: R

Validation Area	Yes	No	NA	Findings/Comments
XVII. Field blanks				
Field blanks were identified in this SDG.	✓			
Target compounds were detected in the field blanks.	✓			

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	S. Trichloroethene	KK. Trichlorofluoromethane	CCC. tert-Butylbenzene	UUU. 1,2-Dichlorotetrafluoroethane
B. Bromomethane	T. Dibromochloromethane	LL. Methyl-tert-butyl ether	DDD. 1,2,4-Trimethylbenzene	VVV. 4-Ethyltoluene
C. Vinyl choride**	U. 1,1,2-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	EEE. sec-Butylbenzene	WWW. Ethanol
D. Chloroethane	V. Benzene	NN. Methyl ethyl ketone	FFF. 1,3-Dichlorobenzene	XXX. Di-Isopropyl ether
E. Methylene chloride	W. trans-1,3-Dichloropropene	OO. 2,2-Dichloropropane	GGG. p-isopropyltoluene	YYY. tert-Butanol
F. Acetone	X. Bromoform*	PP. Bromochloromethane	HHH. 1,4-Dichlorobenzene	ZZZ. tert-Butyl alcohol
G. Carbon disulfide	Y. 4-Methyl-2-pentanone	QQ. 1,1-Dichloropropene	III. n-Butylbenzene	AAAA. Ethyl tert-butyl ether
H. 1,1-Dichloroethene**	Z. 2-Hexanone	RR. Dibromomethane	JJJ. 1,2-Dichlorobenzene	BBBB. tert-Amyl methyl ether
I. 1,1-Dichloroethane*	AA. Tetrachloroethene	SS. 1,3-Dichloropropane	KKK. 1,2,4-Trichlorobenzene	CCCC.1-Chlorohexane
J. 1,2-Dichloroethene, total	BB. 1,1,2,2-Tetrachloroethane*	TT. 1,2-Dibromoethane	LLL. Hexachlorobutadiene	DDDD. Isopropyl alcohol
K. Chloroform**	CC. Toluene**	UU. 1,1,1,2-Tetrachloroethane	MMM. Naphthalene	EEEE. Acetonitrile
L. 1,2-Dichloroethane	DD. Chlorobenzene*	VV. Isopropylbenzene	NNN. 1,2,3-Trichlorobenzene	FFFF. Acrolein
M. 2-Butanone	EE. Ethylbenzene**	WW. Bromobenzene	OOO. 1,3,5-Trichlorobenzene	GGGG. Acrylonitrile
N. 1,1,1-Trichloroethane	FF. Styrene	XX. 1,2,3-Trichloropropane	PPP. trans-1,2-Dichloroethene	HHHH. 1,4-Dioxane
O. Carbon tetrachloride	GG. Xylenes, total	YY. n-Propylbenzene	QQQ. cis-1,2-Dichloroethene	IIII. Isobutyl alcohol
P. Bromodichloromethane	HH. Vinyl acetate	ZZ. 2-Chlorotoluene	RRR. m,p-Xylenes	JJJJ. Methacrylonitrile
Q. 1,2-Dichloropropane**	II. 2-Chloroethylvinyl ether	AAA. 1,3,5-Trimethylbenzene	SSS. o-Xylene	KKKK. Propionitrile
R. cis-1,3-Dichloropropene	JJ. Dichlorodifluoromethane	BBB. 4-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	LLLL.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

COMPNDL.wpd

LDC #: 12579A12
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Did the laboratory perform a 5 point calibration prior to sample analysis?
Y N N/A Were percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCC's and SPCC's?
Y N N/A Was a curve fit used for evaluation? If yes, what was the acceptance criteria used for evaluation?_____
Y N N/A Did the initial calibration meet the acceptance criteria?
Y N N/A Were all %RSDs and RRFs within the validation criteria of ≤30 %RSD and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %RSD (Limit: ≤30.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	7/9/04	0709AR4-KAL	II	38.617	0.00516 *	All + BLK	J/UJ/A
			FFFF		0.01899 *		
			F		0.02795 *		
			GGGG		0.02388 *		
			M		0.04124 *		
			Tetrahydrofuran		0.03238 *		
					R.L. > than the lowest concentration of std in KAL		

INICAL.1SB

LDC #: 12579A9
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	7/19/04	RS0289-CCV	FFFF		0.02353 *	All + B11C	J/UJ/A
			F		0.03356 *	↓	↓
			GGGG		0.02935 *	↓	↓
			II	76.06016	0.00909 *	↓	↓
			M	26.07180		↓	↓
			MM	27.83718		↓	↓
			Tetrahydrofuran		0.03354 *	↓	↓

* good response

BOE-C6-0067912

LDC #: 12579 A1a
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a LCS required?
Y N N/A Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?

#	Date	LCS/LCSD ID	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
		GLGEPIAC	G	4.4 (70-130)	( )	( )	All + B11C	J/UJ/P
			LLL	68 (70-130)	( )	( )	↓	↓
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
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				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

LCSLCSD.1SB

BOE-C6-0067913

LDC #: 12579A1a
SDG #: E4917021G

VALIDATION FINDINGS WORKSHEET
Field Blanks

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Y N N/A Were field blanks identified in this SDG?
Y N N/A Were target compounds detected in the field blanks?

Sample: 5 Field Blank / Trip Blank / Rinsate / Other EB (circle one)

Compound	Concentration Units (ug/L)
F	4.6

Sample: 6 Field Blank / Trip Blank / Rinsate / Other TB (circle one)

Compound	Concentration Units (ug/L)
F	19

Sample: _____ Field Blank / Trip Blank / Rinsate / Other _____ (circle one)

Compound	Concentration Units ( )

FLDBLK.1SB

LDC #: 12579A1a
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

RRF = $(A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of compound,
C_x = Concentration of compound,
S = Standard deviation of the RRFs
X = Mean of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported RRF (10 std)	Recalculated RRF (10 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	7/9/04	7/9/04	Methylene chloride (1st internal standard)	0.22322	0.22322	0.22113	0.22113	0.22113	0.22113
	07094K4		~~Trichlorethene~~ Ethylbenzene (2nd internal standard)	1.90618	1.90618	1.89518	1.89518	8.211	8.211
			~~Toluene~~ 1,2 Dichlorobenzene (3rd internal standard)	1.43254	1.43254	1.49926	1.4992	12.768	12.768
2			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
3			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
4			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

INICLC.1SB

BOE-C6-0067915

LDC #: 12579A1a
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = $(A_x)(C_{is})/(A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
A_x = Area of compound, A_{is} = Area of associated internal standard
C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	RS0289	7/19/04	Methylene chloride (1st internal standard)	0.22113	0.22992	0.22992	3.97795	3.98
			~~Trichlorethene~~ Ethylbenzene (2nd internal standard)	1.89518	1.89550	1.89550	0.01684	0.017
			~~Toluene~~ 1,2 Dichlorobenzene (3rd internal standard)	1.49926	1.42944	1.42944	~~4.6556~~ 4.65670	4.66
2			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					
3			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					
4			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

BOE-C6-0067916

LDC #: 12579A1a
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: #1

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8	10.0	10.1342	101	101	0
Bromofluorobenzene	↓	9.518	95	95	↓
1,2-Dichloroethane-d4		8.9114	89	89	
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

SURRCALC.1SB

LDC #: 12579A1a
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratoy control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * SSC/SA

Where: SSC = Spiked sample concentration
SA = Spike added

RPD = I LCS - LCSD I * 2/(LCS + LCSD)

LCS = Laboraotry control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS ID: GLGEPIAC

Compound	Spike Added (ug/L)		Spiked Sample Concentration (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	10.0	NA	8.56	NA	86	86				
Trichloroethene	↓	↓	8.52	↓	85	85				
Benzene			8.69		87	87				
Toluene			9.04		90	90				
Chlorobenzene			8.86		89	89	NA			

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LCSCLC.1SB

BOE-C6-0067918

LDC #: 12579 A/a
SDG #: E4G170216

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of
Reviewer:
2nd reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Y N N/A Were all reported results recalculated and verified for all level IV samples?

Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

10X DIL

Concentration = $\frac{(A_x)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the calibration standard.

V_o = Volume or weight of sample pruged in milliliters (ml) or grams (g).

Df = Dilution factor.

%S = Percent solids, applicable to soils and solid matrices only.

Example:

Sample I.D. #1 1,1-DCE

Conc. = (3433)(10)(10) / (457055)(0.18802)( )( )

= 4.0 ug/L

#	Sample ID	Compound	Reported Concentration ( )	Calculated Concentration ( )	Qualification

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Boeing Huntington Beach, Bldg. C-6

Collection Date: September 22, 2004

LDC Report Date: October 22, 2004

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 2, & Tier 3

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E4I230268

Sample Identification

TMW_15_WG092204_0001**
MWB014_WG092204_0001
MWC017_WG092204_0001**
MWC017_WG092204_0002
TMW_06_WG092204_0001
MWB012_WG092204_0001
DAC_P1_WG092204_0001**
TB_TAIT092204_0001
EB_TAIT092204_0001
DAC_P1_WG092204_0001MS
DAC_P1_WG092204_0001MSD

**Indicates sample underwent a Tier 3 review

Introduction

This data review covers 11 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260B for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review (October 1999) as there are no current guidelines for the method stated above.

A table summarizing all data qualification is provided at the end of this report. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Blank results are summarized in Section V.

Field duplicates are summarized in Section XVI.

Samples indicated by a double asterisk on the front cover underwent a Tier 3 review. A Tier 2 review was performed on all of the other samples. Raw data were not evaluated for the samples reviewed by Tier 2 or Tier 1 criteria since this review is based on QC data.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

N Presumptive evidence of presence of the constituent.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

A Indicates the finding is based upon technical validation criteria.

P Indicates the finding is related to a protocol/contractual deviation.

None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

BOE-C6-0067921

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

Percent relative standard deviations (%RSD) were less than or equal to 15.0% for each individual compound and less than or equal to 30.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 30.0% (%RSD) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

Date	Compound	%RSD	Associated Samples	Flag	A or P
9/29/04	Acrolein Iodomethane Tetrahydrofuran tert-Amyl-methyl ether 1,2-Dibromo-3-chloropropane	30.656 43.521 32.868 32.452 36.618	All samples in SDG E4I230268	J (all detects) UJ (all non-detects)	A

Average relative response factors (RRF) for all volatile target compounds and system performance check compounds (SPCCs) were within method and validation criteria with the following exceptions:

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
9/29/04	Tetrahydrofuran Acetone tert-Butanol Acrylonitrile 2-Chloroethylvinyl ether	0.03342 (≥0.05) 0.03231 (≥0.05) 0.01125 (≥0.05) 0.04848 (≥0.05) 0.00148 (≥0.05)	All samples in SDG E4I230268	J (all detects) UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

Percent differences (%D) between the initial calibration RRF and the continuing calibration RRF were within the method criteria of less than or equal to 20.0% for calibration check compounds (CCCs).

For the purposes of technical evaluation, all compounds were evaluated against the 25.0% (%D) National Functional Guideline criteria. Unless noted above, all compounds were within the validation criteria with the following exceptions:

Date	Compound	%D	Associated Samples	Flag	A or P
10/1/04	Acrolein Ethyl-tert-butyl ether Iodomethane tert-Amyl-methyl ether	27.25375 34.03751 57.59237 35.56258	MWC017_WG092204_0001** MWC017_WG092204_0002 TMW_06_WG092204_0001 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001 DAC_P1_WG092204_0001MS DAC_P1_WG092204_0001MSD GRPLL1AA-MB	J (all detects) UJ (all non-detects)	A
10/2/04	Acrolein Iodomethane Carbon disulfide Ethyl-tert-butyl ether tert-Amyl-methyl ether	71.49250 59.91050 52.76170 34.69861 35.38586	TMW_15_WG092204_0001** MWB014_WG092204_0001 GRPMI8IAAAA-MB	J (all detects) UJ (all non-detects)	A

All of the continuing calibration RRF values were within method and validation criteria with the following exceptions:

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
10/1/04	Acetone tert-Butanol Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	0.03643 (≥0.05) 0.01180 (≥0.05) 0.03326 (≥0.05) 0.00161 (≥0.05) 0.04936 (≥0.05)	MWC017_WG092204_0001** MWC017_WG092204_0002 TMW_06_WG092204_0001 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001 DAC_P1_WG092204_0001MS DAC_P1_WG092204_0001MSD GRPLL1AA-MB	J (all detects) UJ (all non-detects)	A
10/2/04	Acrolein Acetone tert-Butanol Acrylonitrile Tetrahydrofuran	0.02473 (≥0.05) 0.03032 (≥0.05) 0.00991 (≥0.05) 0.03693 (≥0.05) 0.03427 (≥0.05)	TMW_15_WG092204_0001** MWB014_WG092204_0001 GRPMI8IAAAA-MB	J (all detects) UJ (all non-detects)	A

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable with the following exceptions:

Sample	Compound	Finding	Criteria	Flag	A or P
TMW_15_WG092204_0001** MWB014_WG092204_0001	All TCL compounds	No MS/MSD associated with these samples.	MS/MSD required.	None	P

Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits with the following exceptions:

LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
GRPLL1AC-LCS	Bromomethane	148 (60-140)	MWC017_WG092204_0001** MWC017_WG092204_0002 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001 DAC_P1_WG092204_0001MS DAC_P1_WG092204_0001MSD GRPLL1AA-MB	J (all detects)	P
GRPM81AC-LCS	Bromomethane Carbon disulfide	146 (60-140) 132 (70-130)	TMW_15_WG092204_0001** MWB014_WG092204_0001 GRPM81AA-MB	J (all detects) J (all detects)	P

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

All internal standard areas and retention times were within QC limits.

XI. Target Compound Identifications

All target compound identifications were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XIII. Tentatively Identified Compounds (TICs)

Tentatively identified compounds were not reported by the laboratory.

XIV. System Performance

The system performance was within validation criteria for samples on which a Tier 3 review was performed. Raw data were not evaluated for the samples reviewed by Tier 2 criteria.

XV. Overall Assessment of Data

Data flags have been summarized at the end of the report.

XVI. Field Duplicates

Samples MWC017_WG092204_0001** and MWC017_WG092204_0002 were identified as field duplicates. No volatiles were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/L)		RPD
	MWC017_WG092204_0001**	MWC017_WG092204_0002	
1,1-Dichloroethane	130	130	0
Chloroform	80	67	18
cis-1,2-Dichloroethene	7.9	11	33
Trichloroethene	910	900	1

XVII. Field Blanks

Sample TB_TAIT092204_0001 was identified as a trip blank. No volatile contaminants were found in this blank.

Sample EB_TAIT092204_0001 was identified as an equipment blank. No volatile contaminants were found in this blank with the following exceptions:

Equipment Blank ID	Compound	Concentration (ug/L)
EB_TAIT092204_0001	Acetone	4.5
	Bromoform	1.4
	Dibromochloromethane	6.7
	Bromodichloromethane	7.1
	Chloroform	8.3

BOE-C6-0067926

Boeing Huntington Beach, Bldg. C-6
Volatiles - Data Qualification Summary - SDG E4I230268

SDG	Sample	Compound	Flag	A or P	Reason
E4I230268	TMW_15_WG092204_0001** MWB014_WG092204_0001 MWC017_WG092204_0001** MWC017_WG092204_0002 TMW_06_WG092204_0001 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001	Acrolein Iodomethane Tetrahydrofuran tert-Amyl-methyl ether 1,2-Dibromo-3-chloropropane	J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E4I230268	TMW_15_WG092204_0001** MWB014_WG092204_0001 MWC017_WG092204_0001** MWC017_WG092204_0002 TMW_06_WG092204_0001 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001	Tetrahydrofuran Acetone tert-Butanol Acrylonitrile 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)
E4I230268	MWC017_WG092204_0001** MWC017_WG092204_0002 TMW_06_WG092204_0001 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001	Acrolein Ethyl-tert-butyl ether Iodomethane tert-Amyl-methyl ether	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E4I230268	TMW_15_WG092204_0001** MWB014_WG092204_0001	Acrolein Iodomethane Carbon disulfide Ethyl-tert-butyl ether tert-Amyl-methyl ether	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E4I230268	MWC017_WG092204_0001** MWC017_WG092204_0002 TMW_06_WG092204_0001 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001	Acetone tert-Butanol Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
E4I230268	TMW_15_WG092204_0001** MWB014_WG092204_0001	Acrolein Acetone tert-Butanol Acrylonitrile Tetrahydrofuran	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
E4I230268	TMW_15_WG092204_0001** MWB014_WG092204_0001	All TCL compounds	None	P	Matrix spike/Matrix spike duplicates

SDG	Sample	Compound	Flag	A or P	Reason
E4I230268	MWC017_WG092204_0001** MWC017_WG092204_0002 MWB012_WG092204_0001 DAC_P1_WG092204_0001** TB_TAIT092204_0001 EB_TAIT092204_0001	Bromomethane	J (all detects)	P	Laboratory control samples (%R)
E4I230268	TMW_15_WG092204_0001** MWB014_WG092204_0001	Bromomethane Carbon disulfide	J (all detects) J (all detects)	P	Laboratory control samples (%R)

Boeing Huntington Beach, Bldg. C-6
Volatiles - Laboratory Blank Data Qualification Summary - SDG E4I230268

No Sample Data Qualified in this SDG

TAIT ENVIRONMENTAL

Client Sample ID: TMW_15_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-001 Work Order #...: GQ0DE1AA Matrix.....: WG
Date Sampled...: 09/22/04 13:15 Date Received..: 09/22/04 18:00
Prep Date.....: 10/02/04 Analysis Date..: 10/03/04
Prep Batch #...: 4277066 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND ~~UJ~~ UJ	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	**0.82 J**	**1.0**	**ug/L**
Chloroethane	ND	2.0	ug/L
Chloroform	**4.0**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND UJ	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**1.7**	**1.0**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND UJ	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND UJ	2.0	ug/L
Tert-butyl ethyl ether	ND UJ	2.0	ug/L

(Continued on next page)

A
1/22/04

TAIT ENVIRONMENTAL

Client Sample ID: TMW_15_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-001 Work Order #...: GQ0DE1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**13**	**1.0**	**ug/L**
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND UJ	20	ug/L
Acrylonitrile	ND UJ	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND UJ	10	ug/L
2-Chloroethyl vinyl ether	ND UJ	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 02204

TAIT ENVIRONMENTAL

Client Sample ID: MWB014_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-002 Work Order #...: GQ0DM1AA Matrix.....: WG
Date Sampled...: 09/22/04 11:10 Date Received..: 09/22/04 18:00
Prep Date.....: 10/02/04 Analysis Date..: 10/03/04
Prep Batch #...: 4277066 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	50	ug/L
Benzene	ND	5.0	ug/L
Bromobenzene	ND	5.0	ug/L
Bromochloromethane	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L
Bromomethane	ND	10	ug/L
Carbon tetrachloride	ND	2.5	ug/L
2-Butanone	ND	25	ug/L
n-Butylbenzene	ND	5.0	ug/L
sec-Butylbenzene	ND	5.0	ug/L
tert-Butylbenzene	ND	5.0	ug/L
Carbon disulfide	ND UJ	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
Dibromochloromethane	ND	5.0	ug/L
Dichlorodifluoromethane	ND	5.0	ug/L
Bromodichloromethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	2.5	ug/L
1,1-Dichloroethene	**21**	**5.0**	**ug/L**
Chloroethane	ND	10	ug/L
Chloroform	**440**	**5.0**	**ug/L**
Chloromethane	ND	10	ug/L
2-Chlorotoluene	ND	5.0	ug/L
4-Chlorotoluene	ND	5.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	10	ug/L
1,2-Dibromoethane	ND	5.0	ug/L
Iodomethane	ND UJ	10	ug/L
Isopropyl ether	ND	10	ug/L
1,2-Dichlorobenzene	ND	5.0	ug/L
1,3-Dichlorobenzene	ND	5.0	ug/L
1,4-Dichlorobenzene	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
trans-1,2-Dichloroethene	ND	5.0	ug/L
Vinyl chloride	ND	2.5	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
t-Butanol	ND UJ	120	ug/L
1,1-Dichloropropene	ND	5.0	ug/L
Tert-amyl methyl ether	ND UJ	10	ug/L
Tert-butyl ethyl ether	ND UJ	10	ug/L

(Continued on next page)

A
W2201

TAIT ENVIRONMENTAL

Client Sample ID: MWB014_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-002 Work Order #...: GQ0DM1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	5.0	ug/L
Hexachlorobutadiene	ND	5.0	ug/L
2-Hexanone	ND	25	ug/L
Isopropylbenzene	ND	5.0	ug/L
p-Isopropyltoluene	ND	5.0	ug/L
Methylene chloride	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	25	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
n-Propylbenzene	ND	5.0	ug/L
Styrene	ND	5.0	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L
Tetrachloroethene	ND	5.0	ug/L
Toluene	ND	5.0	ug/L
1,2,3-Trichlorobenzene	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
Trichloroethene	**99**	**5.0**	**ug/L**
Trichlorofluoromethane	ND	10	ug/L
1,2,3-Trichloropropane	ND	5.0	ug/L
1,2,4-Trimethylbenzene	ND	5.0	ug/L
1,3,5-Trimethylbenzene	ND	5.0	ug/L
Xylenes (total)	ND	5.0	ug/L
Acrolein	ND UJ	100	ug/L
Acrylonitrile	ND UJ	100	ug/L
Vinyl acetate	ND	25	ug/L
Tetrahydrofuran	ND UJ	50	ug/L
2-Chloroethyl vinyl ether	ND UJ	25	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	104	(80 - 130)

A 1/22/04

TAIT ENVIRONMENTAL

Client Sample ID: MWC017_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-003 Work Order #...: GQ0DW1AA Matrix.....: WG
Date Sampled...: 09/22/04 08:44 Date Received..: 09/22/04 18:00
Prep Date.....: 10/01/04 Analysis Date..: 10/02/04
Prep Batch #...: 4276077 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	250	ug/L
Benzene	ND	25	ug/L
Bromobenzene	ND	25	ug/L
Bromochloromethane	ND	25	ug/L
Bromoform	ND	25	ug/L
Bromomethane	ND	50	ug/L
Carbon tetrachloride	ND	12	ug/L
2-Butanone	ND	120	ug/L
n-Butylbenzene	ND	25	ug/L
sec-Butylbenzene	ND	25	ug/L
tert-Butylbenzene	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Chlorobenzene	ND	25	ug/L
Dibromochloromethane	ND	25	ug/L
Dichlorodifluoromethane	ND	25	ug/L
Bromodichloromethane	ND	25	ug/L
1,2-Dichloroethane	ND	12	ug/L
1,1-Dichloroethene	**130**	**25**	**ug/L**
Chloroethane	ND	50	ug/L
Chloroform	**80**	**25**	**ug/L**
Chloromethane	ND	50	ug/L
2-Chlorotoluene	ND	25	ug/L
4-Chlorotoluene	ND	25	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	50	ug/L
1,2-Dibromoethane	ND	25	ug/L
Iodomethane	ND UJ	50	ug/L
Isopropyl ether	ND	50	ug/L
1,2-Dichlorobenzene	ND	25	ug/L
1,3-Dichlorobenzene	ND	25	ug/L
1,4-Dichlorobenzene	ND	25	ug/L
1,1-Dichloroethane	ND	25	ug/L
cis-1,2-Dichloroethene	**7.9 J**	**25**	**ug/L**
trans-1,2-Dichloroethene	ND	25	ug/L
Vinyl chloride	ND	12	ug/L
2,2-Dichloropropane	ND	25	ug/L
t-Butanol	ND UJ	620	ug/L
1,1-Dichloropropene	ND	25	ug/L
Tert-amyl methyl ether	ND UJ	50	ug/L
Tert-butyl ethyl ether	ND UJ	50	ug/L

(Continued on next page)

A 10/22/04

TAIT ENVIRONMENTAL

Client Sample ID: MWC017_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-003 Work Order #...: GQ0DW1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
2-Hexanone	ND	120	ug/L
Isopropylbenzene	ND	25	ug/L
p-Isopropyltoluene	ND	25	ug/L
Methylene chloride	ND	25	ug/L
4-Methyl-2-pentanone	ND	120	ug/L
Methyl tert-butyl ether	ND	25	ug/L
n-Propylbenzene	ND	25	ug/L
Styrene	ND	25	ug/L
1,1,1,2-Tetrachloroethane	ND	25	ug/L
1,1,2,2-Tetrachloroethane	ND	25	ug/L
Tetrachloroethene	ND	25	ug/L
Toluene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
1,1,2-Trichloroethane	ND	25	ug/L
Trichloroethene	**910**	**25**	**ug/L**
Trichlorofluoromethane	ND	50	ug/L
1,2,3-Trichloropropane	ND	25	ug/L
1,2,4-Trimethylbenzene	ND	25	ug/L
1,3,5-Trimethylbenzene	ND	25	ug/L
Xylenes (total)	ND	25	ug/L
Acrolein	ND UJ	500	ug/L
Acrylonitrile	ND UJ	500	ug/L
Vinyl acetate	ND	120	ug/L
Tetrahydrofuran	ND UJ	250	ug/L
2-Chloroethyl vinyl ether	ND UJ	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	105	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 102204

TAIT ENVIRONMENTAL

Client Sample ID: MWC017_WG092204_0002

GC/MS Volatiles

Lot-Sample #...: E4I230268-004 Work Order #...: GQ0D11AA Matrix.....: WG
Date Sampled...: 09/22/04 08:44 Date Received..: 09/22/04 18:00
Prep Date.....: 10/01/04 Analysis Date..: 10/02/04
Prep Batch #...: 4276077 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	250	ug/L
Benzene	ND	25	ug/L
Bromobenzene	ND	25	ug/L
Bromochloromethane	ND	25	ug/L
Bromoform	ND	25	ug/L
Bromomethane	ND	50	ug/L
Carbon tetrachloride	ND	12	ug/L
2-Butanone	ND	120	ug/L
n-Butylbenzene	ND	25	ug/L
sec-Butylbenzene	ND	25	ug/L
tert-Butylbenzene	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Chlorobenzene	ND	25	ug/L
Dibromochloromethane	ND	25	ug/L
Dichlorodifluoromethane	ND	25	ug/L
Bromodichloromethane	ND	25	ug/L
1,2-Dichloroethane	ND	12	ug/L
1,1-Dichloroethene	**130**	**25**	**ug/L**
Chloroethane	ND	50	ug/L
Chloroform	**67**	**25**	**ug/L**
Chloromethane	ND	50	ug/L
2-Chlorotoluene	ND	25	ug/L
4-Chlorotoluene	ND	25	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	50	ug/L
1,2-Dibromoethane	ND	25	ug/L
Iodomethane	ND UJ	50	ug/L
Isopropyl ether	ND	50	ug/L
1,2-Dichlorobenzene	ND	25	ug/L
1,3-Dichlorobenzene	ND	25	ug/L
1,4-Dichlorobenzene	ND	25	ug/L
1,1-Dichloroethane	ND	25	ug/L
cis-1,2-Dichloroethene	**11 J**	**25**	**ug/L**
trans-1,2-Dichloroethene	ND	25	ug/L
Vinyl chloride	ND	12	ug/L
2,2-Dichloropropane	ND	25	ug/L
t-Butanol	ND UJ	620	ug/L
1,1-Dichloropropene	ND	25	ug/L
Tert-amyl methyl ether	ND UJ	50	ug/L
Tert-butyl ethyl ether	ND UJ	50	ug/L

(Continued on next page)

A 02204

TAIT ENVIRONMENTAL

Client Sample ID: MWC017_WG092204_0002

GC/MS Volatiles

Lot-Sample #...: E4I230268-004 Work Order #...: GQ0D11AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
2-Hexanone	ND	120	ug/L
Isopropylbenzene	ND	25	ug/L
p-Isopropyltoluene	ND	25	ug/L
Methylene chloride	ND	25	ug/L
4-Methyl-2-pentanone	ND	120	ug/L
Methyl tert-butyl ether	ND	25	ug/L
n-Propylbenzene	ND	25	ug/L
Styrene	ND	25	ug/L
1,1,1,2-Tetrachloroethane	ND	25	ug/L
1,1,2,2-Tetrachloroethane	ND	25	ug/L
Tetrachloroethene	ND	25	ug/L
Toluene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
1,1,2-Trichloroethane	ND	25	ug/L
Trichloroethene	**900**	**25**	**ug/L**
Trichlorofluoromethane	ND	50	ug/L
1,2,3-Trichloropropane	ND	25	ug/L
1,2,4-Trimethylbenzene	ND	25	ug/L
1,3,5-Trimethylbenzene	ND	25	ug/L
Xylenes (total)	ND	25	ug/L
Acrolein	ND UJ	500	ug/L
Acrylonitrile	ND UJ	500	ug/L
Vinyl acetate	ND	120	ug/L
Tetrahydrofuran	ND UJ	250	ug/L
2-Chloroethyl vinyl ether	ND UJ	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	106	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

0 092204

TAIT ENVIRONMENTAL

Client Sample ID: TMW_06_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-005 Work Order #...: GQ0D31AA Matrix.....: WG
Date Sampled...: 09/22/04 10:57 Date Received..: 09/22/04 18:00
Prep Date.....: 10/02/04 Analysis Date..: 10/03/04
Prep Batch #...: 4277066 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	25	ug/L
Benzene	ND	2.5	ug/L
Bromobenzene	ND	2.5	ug/L
Bromochloromethane	ND	2.5	ug/L
Bromoform	ND	2.5	ug/L
Bromomethane	ND	5.0	ug/L
Carbon tetrachloride	ND	1.2	ug/L
2-Butanone	ND	12	ug/L
n-Butylbenzene	ND	2.5	ug/L
sec-Butylbenzene	ND	2.5	ug/L
tert-Butylbenzene	ND	2.5	ug/L
Carbon disulfide	ND	2.5	ug/L
Chlorobenzene	ND	2.5	ug/L
Dibromochloromethane	ND	2.5	ug/L
Dichlorodifluoromethane	ND	2.5	ug/L
Bromodichloromethane	ND	2.5	ug/L
1,2-Dichloroethane	ND	1.2	ug/L
1,1-Dichloroethene	**7.0**	**2.5**	**ug/L**
Chloroethane	ND	5.0	ug/L
Chloroform	**130**	**2.5**	**ug/L**
Chloromethane	ND	5.0	ug/L
2-Chlorotoluene	ND	2.5	ug/L
4-Chlorotoluene	ND	2.5	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	5.0	ug/L
1,2-Dibromoethane	ND	2.5	ug/L
Iodomethane	ND UJ	5.0	ug/L
Isopropyl ether	ND	5.0	ug/L
1,2-Dichlorobenzene	ND	2.5	ug/L
1,3-Dichlorobenzene	ND	2.5	ug/L
1,4-Dichlorobenzene	ND	2.5	ug/L
1,1-Dichloroethane	ND	2.5	ug/L
cis-1,2-Dichloroethene	ND	2.5	ug/L
trans-1,2-Dichloroethene	ND	2.5	ug/L
Vinyl chloride	ND	1.2	ug/L
2,2-Dichloropropane	ND	2.5	ug/L
t-Butanol	ND UJ	62	ug/L
1,1-Dichloropropene	ND	2.5	ug/L
Tert-amyl methyl ether	ND UJ	5.0	ug/L
Tert-butyl ethyl ether	ND UJ	5.0	ug/L

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A 10/22/04

TAIT ENVIRONMENTAL

Client Sample ID: TMW_06_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-005 Work Order #...: GQ0D31AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	2.5	ug/L
Hexachlorobutadiene	ND	2.5	ug/L
2-Hexanone	ND	12	ug/L
Isopropylbenzene	ND	2.5	ug/L
p-Isopropyltoluene	ND	2.5	ug/L
Methylene chloride	ND	2.5	ug/L
4-Methyl-2-pentanone	ND	12	ug/L
Methyl tert-butyl ether	ND	2.5	ug/L
n-Propylbenzene	ND	2.5	ug/L
Styrene	ND	2.5	ug/L
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L
Tetrachloroethene	ND	2.5	ug/L
Toluene	ND	2.5	ug/L
1,2,3-Trichlorobenzene	ND	2.5	ug/L
1,2,4-Trichloro-benzene	ND	2.5	ug/L
1,1,1-Trichloroethane	ND	2.5	ug/L
1,1,2-Trichloroethane	ND	2.5	ug/L
Trichloroethene	**62**	**2.5**	**ug/L**
Trichlorofluoromethane	ND	5.0	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
1,2,4-Trimethylbenzene	ND	2.5	ug/L
1,3,5-Trimethylbenzene	ND	2.5	ug/L
Xylenes (total)	ND	2.5	ug/L
Acrolein	ND UJ	50	ug/L
Acrylonitrile	ND UJ	50	ug/L
Vinyl acetate	ND	12	ug/L
Tetrahydrofuran	ND UJ	25	ug/L
2-Chloroethyl vinyl ether	ND UJ	12	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	103	(80 - 130)

A 6/22/04

TAIT ENVIRONMENTAL

Client Sample ID: MWB012_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-006 Work Order #...: GQ0EE1AA Matrix.....: WG
Date Sampled...: 09/22/04 13:51 Date Received..: 09/22/04 18:00
Prep Date.....: 10/01/04 Analysis Date..: 10/02/04
Prep Batch #...: 4276077 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	250	ug/L
Benzene	ND	25	ug/L
Bromobenzene	ND	25	ug/L
Bromochloromethane	ND	25	ug/L
Bromoform	ND	25	ug/L
Bromomethane	ND	50	ug/L
Carbon tetrachloride	ND	12	ug/L
2-Butanone	ND	120	ug/L
n-Butylbenzene	ND	25	ug/L
sec-Butylbenzene	ND	25	ug/L
tert-Butylbenzene	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Chlorobenzene	ND	25	ug/L
Dibromochloromethane	ND	25	ug/L
Dichlorodifluoromethane	ND	25	ug/L
Bromodichloromethane	ND	25	ug/L
1,2-Dichloroethane	ND	12	ug/L
1,1-Dichloroethene	**15 J**	**25**	**ug/L**
Chloroethane	ND	50	ug/L
Chloroform	**29**	**25**	**ug/L**
Chloromethane	ND	50	ug/L
2-Chlorotoluene	ND	25	ug/L
4-Chlorotoluene	ND	25	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	50	ug/L
1,2-Dibromoethane	ND	25	ug/L
Iodomethane	ND UJ	50	ug/L
Isopropyl ether	ND	50	ug/L
1,2-Dichlorobenzene	ND	25	ug/L
1,3-Dichlorobenzene	ND	25	ug/L
1,4-Dichlorobenzene	ND	25	ug/L
1,1-Dichloroethane	ND	25	ug/L
cis-1,2-Dichloroethene	**15 J**	**25**	**ug/L**
trans-1,2-Dichloroethene	ND	25	ug/L
Vinyl chloride	ND	12	ug/L
2,2-Dichloropropane	ND	25	ug/L
t-Butanol	ND UJ	620	ug/L
1,1-Dichloropropene	ND	25	ug/L
Tert-amyl methyl ether	ND UJ	50	ug/L
Tert-butyl ethyl ether	ND UJ	50	ug/L

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B 10/22/04

TAIT ENVIRONMENTAL

Client Sample ID: MWB012_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-006 Work Order #...: GQ0EE1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
2-Hexanone	ND	120	ug/L
Isopropylbenzene	ND	25	ug/L
p-Isopropyltoluene	ND	25	ug/L
Methylene chloride	ND	25	ug/L
4-Methyl-2-pentanone	ND	120	ug/L
Methyl tert-butyl ether	ND	25	ug/L
n-Propylbenzene	ND	25	ug/L
Styrene	ND	25	ug/L
1,1,1,2-Tetrachloroethane	ND	25	ug/L
1,1,2,2-Tetrachloroethane	ND	25	ug/L
Tetrachloroethene	**12 J**	**25**	**ug/L**
Toluene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
1,1,2-Trichloroethane	ND	25	ug/L
Trichloroethene	**1400**	**25**	**ug/L**
Trichlorofluoromethane	ND	50	ug/L
1,2,3-Trichloropropane	ND	25	ug/L
1,2,4-Trimethylbenzene	ND	25	ug/L
1,3,5-Trimethylbenzene	ND	25	ug/L
Xylenes (total)	ND	25	ug/L
Acrolein	ND UJ	500	ug/L
Acrylonitrile	ND UJ	500	ug/L
Vinyl acetate	ND	120	ug/L
Tetrahydrofuran	ND UJ	250	ug/L
2-Chloroethyl vinyl ether	ND UJ	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	106	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 102201

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-007 Work Order #...: GQ0EL1AA Matrix.....: WG
Date Sampled...: 09/22/04 15:32 Date Received..: 09/22/04 18:00
Prep Date.....: 10/01/04 Analysis Date..: 10/01/04
Prep Batch #...: 4276077 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	1200	ug/L
Benzene	ND	120	ug/L
Bromobenzene	ND	120	ug/L
Bromochloromethane	ND	120	ug/L
Bromoform	ND	120	ug/L
Bromomethane	ND	250	ug/L
Carbon tetrachloride	ND	62	ug/L
2-Butanone	ND	620	ug/L
n-Butylbenzene	ND	120	ug/L
sec-Butylbenzene	ND	120	ug/L
tert-Butylbenzene	ND	120	ug/L
Carbon disulfide	ND	120	ug/L
Chlorobenzene	ND	120	ug/L
Dibromochloromethane	ND	120	ug/L
Dichlorodifluoromethane	ND	120	ug/L
Bromodichloromethane	ND	120	ug/L
1,2-Dichloroethane	ND	62	ug/L
1,1-Dichloroethene	ND	120	ug/L
Chloroethane	ND	250	ug/L
Chloroform	ND	120	ug/L
Chloromethane	ND	250	ug/L
2-Chlorotoluene	ND	120	ug/L
4-Chlorotoluene	ND	120	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	250	ug/L
1,2-Dibromoethane	ND	120	ug/L
Iodomethane	ND UJ	250	ug/L
Isopropyl ether	ND	250	ug/L
1,2-Dichlorobenzene	ND	120	ug/L
1,3-Dichlorobenzene	ND	120	ug/L
1,4-Dichlorobenzene	ND	120	ug/L
1,1-Dichloroethane	ND	120	ug/L
cis-1,2-Dichloroethene	**82 J**	**120**	**ug/L**
trans-1,2-Dichloroethene	ND	120	ug/L
Vinyl chloride	ND	62	ug/L
2,2-Dichloropropane	ND	120	ug/L
t-Butanol	ND UJ	3100	ug/L
1,1-Dichloropropene	ND	120	ug/L
Tert-amyl methyl ether	ND UJ	250	ug/L
Tert-butyl ethyl ether	ND UJ	250	ug/L

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A 102204

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-007 Work Order #...: GQ0EL1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	120	ug/L
Hexachlorobutadiene	ND	120	ug/L
2-Hexanone	ND	620	ug/L
Isopropylbenzene	ND	120	ug/L
p-Isopropyltoluene	ND	120	ug/L
Methylene chloride	ND	120	ug/L
4-Methyl-2-pentanone	ND	620	ug/L
Methyl tert-butyl ether	ND	120	ug/L
n-Propylbenzene	ND	120	ug/L
Styrene	ND	120	ug/L
1,1,1,2-Tetrachloroethane	ND	120	ug/L
1,1,2,2-Tetrachloroethane	ND	120	ug/L
Tetrachloroethene	ND	120	ug/L
Toluene	ND	120	ug/L
1,2,3-Trichlorobenzene	ND	120	ug/L
1,2,4-Trichloro-benzene	ND	120	ug/L
1,1,1-Trichloroethane	ND	120	ug/L
1,1,2-Trichloroethane	ND	120	ug/L
Trichloroethene	**6200**	**120**	**ug/L**
Trichlorofluoromethane	ND	250	ug/L
1,2,3-Trichloropropane	ND	120	ug/L
1,2,4-Trimethylbenzene	ND	120	ug/L
1,3,5-Trimethylbenzene	ND	120	ug/L
Xylenes (total)	ND	120	ug/L
Acrolein	ND UJ	2500	ug/L
Acrylonitrile	ND UJ	2500	ug/L
Vinyl acetate	ND	620	ug/L
Tetrahydrofuran	ND UJ	1200	ug/L
2-Chloroethyl vinyl ether	ND UJ	620	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	105	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 102204

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-008 Work Order #...: GQ0EN1AA Matrix.....: WQ
Date Sampled...: 09/22/04 Date Received..: 09/22/04 18:00
Prep Date.....: 10/01/04 Analysis Date..: 10/01/04
Prep Batch #...: 4276077 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND UJ	10	ug/L
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND UJ	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND UJ	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND UJ	2.0	ug/L
Tert-butyl ethyl ether	ND UJ	2.0	ug/L

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A 10/22/04

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-008 Work Order #...: GQ0EN1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2 Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2 Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND UJ	20	ug/L
Acrylonitrile	ND UJ	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND UJ	10	ug/L
2-Chloroethyl vinyl ether	ND UJ	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	103	(65 - 135)
Toluene-d8	102	(80 - 130)

A 10/22/04

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-009 Work Order #...: GQ0E01AA Matrix.....: WQ
Date Sampled...: 09/22/04 05:30 Date Received..: 09/22/04 18:00
Prep Date.....: 10/01/04 Analysis Date..: 10/01/04
Prep Batch #...: 4276077 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**4.5 J** J	**10**	**ug/L**
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromoform	**1.4**	**1.0**	**ug/L**
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
2-Butanone	ND	5.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	**6.7**	**1.0**	**ug/L**
Dichlorodifluoromethane	ND	1.0	ug/L
Bromodichloromethane	**7.1**	**1.0**	**ug/L**
1,2-Dichloroethane	ND	0.50	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	**8.3**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	2.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Iodomethane	ND UJ	2.0	ug/L
Isopropyl ether	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
t-Butanol	ND UJ	25	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Tert-amyl methyl ether	ND UJ	2.0	ug/L
Tert-butyl ethyl ether	ND UJ	2.0	ug/L

(Continued on next page)

A 10/22/04

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT092204_0001

GC/MS Volatiles

Lot-Sample #...: E4I230268-009 **Work Order #...:** GQ0E01AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Xylenes (total)	ND	1.0	ug/L
Acrolein	ND UJ	20	ug/L
Acrylonitrile	ND UJ	20	ug/L
Vinyl acetate	ND	5.0	ug/L
Tetrahydrofuran	ND UJ	10	ug/L
2-Chloroethyl vinyl ether	ND UJ	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	106	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

LDC #: 12579B1a

SDG #: E4I230268

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

EPA Region 1 - Tier 2/3

Date: 10/11/06

Page: 1 of 1

Reviewer: JS

2nd Reviewer: JK

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 9/22/04
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	SW	
IV.	Continuing calibration	SW	
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	A	1 & 2 no MS/MSD = none /P
VIII.	Laboratory control samples	SW	LCS
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	A	Not reviewed for Tier II validation.
XII.	Compound quantitation/CRQLs	A	Not reviewed for Tier II validation.
XIII.	Tentitatively identified compounds (TICs)	N	Not reviewed for Tier II validation. not reported
XIV.	System performance	A	Not reviewed for Tier II validation.
XV.	Overall assessment of data	A	
XVI.	Field duplicates	SW	D = 3 & 4
XVII.	Field blanks	SW	*TB = 8 EB = 9

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

* ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples: **Indicates sample underwent a Tier 3 review

Waters

1 +2	TMW_15_WG092204_0001**	11	DAC_P1_WG092204_0001MSD	21		31	
2 2	MWB014_WG092204_0001	12	GRPLLIAA-MB	22	427600	32	
3 1	MWC017_WG092204_0001** D	13	GRPMI81AA-MB	23	427106	33	
4 1	MWC017_WG092204_0002 D	14		24		34	
5 2	TMW_06_WG092204_0001	15		25		35	
6 1	MWB012_WG092204_0001	16		26		36	
7 1	DAC_P1_WG092204_0001**	17		27		37	
8 1	TB_TAIT092204_0001	18		28		38	
9 +1	EB_TAIT092204_0001	19		29		39	
10 1	DAC_P1_WG092204_0001MS	20		30		40	

12579B1W.wpd

LDC #: 12579B1a
SDG #: E4123026B

VALIDATION FINDINGS CHECKLIST

Page: 1 of 3
Reviewer: B
2nd Reviewer: K

Method: Volatiles (EPA SW 846 Method 8260B)

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
All technical holding times were met.	✓			
Cooler temperature criteria was met.	✓			
II. GC/MS instrument performance check				
Were the BFB performance results reviewed and found to be within the specified criteria?	✓			
Were all samples analyzed within the 12 hour clock criteria?	✓			
III. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓	✓		
Was a curve fit used for evaluation? If Yes, what was the acceptance criteria used?		✓		
Did the initial calibration meet the curve fit acceptance criteria?			✓	
Were all percent relative standard deviations (%RSD) ≤ 30% and relative response factors (RRF) ≥ 0.05?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 25% and relative response factors (RRF) ≥ 0.05?		✓		
V. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was a method blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.		✓		
VI. Surrogate spikes				
Were all surrogate %R within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	✓			
Was a MS/MSD analyzed every 20 samples of each matrix?		✓		
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?	✓			

LDC #: 12579B1a
SDG #: 5412 30268

VALIDATION FINDINGS CHECKLIST

Page: 2 of 3
Reviewer: [illegible]
2nd Reviewer: [illegible]

Validation Area	Yes	No	NA	Findings/Comments
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	✓			
Was an LCS analyzed per analytical batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?		✓		
IX. Regional Quality Assurance and Quality Control				
Were performance evaluation (PE) samples performed?			✓	
Were the performance evaluation (PE) samples within the acceptance limits?			✓	
X. Internal standards				
Were internal standard area counts within -50% or +100% of the associated calibration standard?	✓			
Were retention times within ± 30 seconds of the associated calibration standard?	✓			
XI. Target compound identification				
Were relative retention times (RRT's) within ± 0.06 RRT units of the standard?	✓			
Did compound spectra meet specified EPA "Functional Guidelines" criteria?	✓			
Were chromatogram peaks verified and accounted for?	✓			
XII. Compound quantitation/CRQLs				
Were the correct internal standard (IS), quantitation ion and relative response factor (RRF) used to quantitate the compound?	✓			
Were compound quantitation and CRQLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XIII. Tentatively identified compounds (TICs)				
Were the major ions (> 10 percent relative intensity) in the reference spectrum evaluated in sample spectrum?			✓	
Were relative intensities of the major ions within ± 20% between the sample and the reference spectra?			✓	
Did the raw data indicate that the laboratory performed a library search for all required peaks in the chromatograms (samples and blanks)?			✓	
XIV. System performance				
System performance was found to be acceptable.	✓			
XV. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			
XVI. Field duplicates				
Field duplicate pairs were identified in this SDG.	✓			
Target compounds were detected in the field duplicates.	✓			

LDC #: 12579B|a
SDG #: E4|230268

VALIDATION FINDINGS CHECKLIST

Reviewer: B
2nd Reviewer: SC.

Validation Area	Yes	No	NA	Findings/Comments
XVII. Field blanks				
Field blanks were identified in this SDG.	✓			
Target compounds were detected in the field blanks.	✓			

TARGET COMPOUND WORKSHEET

IETHOD: VOA (EPA SW 846 Method 8260B)

A. Chloromethane*	S. Trichloroethene	KK. Trichlorofluoromethane	CCC. tert-Butylbenzene	UUU. 1,2-Dichlorotetrafluoroethane
B. Bromomethane	T. Dibromochloromethane	LL. Methyl-tert-butyl ether	DDD. 1,2,4-Trimethylbenzene	VVV. 4-Ethyltoluene
C. Vinyl choride**	U. 1,1,2-Trichloroethane	MM. 1,2-Dibromo-3-chloropropane	EEE. sec-Butylbenzene	WWW. Ethanol
D. Chloroethane	V. Benzene	NN. Methyl ethyl ketone	FFF. 1,3-Dichlorobenzene	XXX. Di-isopropyl ether
E. Methylene chloride	W. trans-1,3-Dichloropropene	OO. 2,2-Dichloropropane	GGG. p-Isopropyltoluene	YYY. tert-Butanol
F. Acetone	X. Bromoform*	PP. Bromochloromethane	HHH. 1,4-Dichlorobenzene	ZZZ. tert-Butyl alcohol
G. Carbon disulfide	Y. 4-Methyl-2-pentanone	QQ. 1,1-Dichloropropene	III. n-Butylbenzene	AAAA. Ethyl tert-butyl ether
H. 1,1-Dichloroethene**	Z. 2-Hexanone	RR. Dibromomethane	JJJ. 1,2-Dichlorobenzene	BBBB. tert-Amyl methyl ether
I. 1,1-Dichloroethane*	AA. Tetrachloroethene	SS. 1,3-Dichloropropane	KKK. 1,2,4-Trichlorobenzene	CCCC.1-Chlorohexane
J. 1,2-Dichloroethene, total	BB. 1,1,2,2-Tetrachloroethane*	TT. 1,2-Dibromoethane	LLL. Hexachlorobutadiene	DDDD. Isopropyl alcohol
K. Chloroform**	CC. Toluene**	UU. 1,1,1,2-Tetrachloroethane	MMM. Naphthalene	EEEE. Acetonitrile
L. 1,2-Dichloroethane	DD. Chlorobenzene*	VV. Isopropylbenzene	NNN. 1,2,3-Trichlorobenzene	FFFF. Acrolein
M. 2-Butanone	EE. Ethylbenzene**	WW. Bromobenzene	OOO. 1,3,5-Trichlorobenzene	GGGG. Acrylonitrile
N. 1,1,1-Trichloroethane	FF. Styrene	XX. 1,2,3-Trichloropropane	PPP. trans-1,2-Dichloroethene	HHHH. 1,4-Dioxane
O. Carbon tetrachloride	GG. Xylenes, total	YY. n-Propylbenzene	QQQ. cis-1,2-Dichloroethene	IIII. Isobutyl alcohol
P. Bromodichloromethane	HH. Vinyl acetate	ZZ. 2-Chlorotoluene	RRR. m,p-Xylenes	JJJJ. Methacrylonitrile
Q. 1,2-Dichloropropane**	II. 2-Chloroethylvinyl ether	AAA. 1,3,5-Trimethylbenzene	SSS. o-Xylene	KKKK. Propionitrile
R. cis-1,3-Dichloropropene	JJ. Dichlorodifluoromethane	BBB. 4-Chlorotoluene	TTT. 1,1,2-Trichloro-1,2,2-trifluoroethane	LLLL.

* = System performance check compounds (SPCC) for RRF ; ** = Calibration check compounds (CCC) for %RSD.

COMPNDL.wpd

LDC #: 12579B1a
SDG #: E41230268

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Did the laboratory perform a 5 point calibration prior to sample analysis?
Y N N/A Were percent relative standard deviations (%RSD) and relative response factors (RRF) within method criteria for all CCC's and SPCC's?
Y N N/A Was a curve fit used for evaluation? If yes, what was the acceptance criteria used for evaluation?_____
Y N N/A Did the initial calibration meet the acceptance criteria?
Y N N/A Were all %RSDs and RRFs within the validation criteria of ≤30 %RSD and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %RSD (Limit: ≤30.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/29/04	0929CR4	FFFF	39.656		All + BLK	J/UJ/A
			Iodomethane	43.521			
			Tetrahydrofuran	32.868	0.03342 *		
			BBBB	32.452			
			F		0.03231 *		
			yyy		0.01125 *		
			GGGG		0.04848 *		
			II		0.00148 *		
			MM	36.618			
					R.L.	higher than lowest std in CAL	

INICAL.1SB

BOE-C6-0067952

LDC #: 12579B1a
SDG #: E41230268

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260)
Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?
Y N N/A Were percent differences (%D) and relative response factors (RRF) within method criteria for all CCC's and SPCC's ?
Y N N/A Were all %D and RRFs within the validation criteria of ≤25 %D and ≥0.05 RRF ?

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	10/1/04	RS0443	FFFF	27.25375		3 → 11,	J / UJ / A
			AAAA	34.03751		GRPLL1AA-MB	
			Iodomethane	57.59237			
			BBBB	35.56258			
			F		0.03643 *		
			yyy		0.01180 *		
			Tetrahydrofuran		0.03326 *		
			II		0.00161 *		
			MM		0.04936 *		
	10/2/04	RS0446	FFFF	71.49250		1, 2,	
			Iodomethane	59.91050		GRPM181AA-MB	
			G	52.76170			
			AAAA	34.69861			
			BBBB	35.38586			
			FFFF		0.02473 *		
			F		0.03032 *		
			yyy		0.00991 *		
			GGGG		0.03693 *		
			Tetrahydrofuran		0.03427 *		
					* good response		

CONCAL1S

BOE-C6-0067953

LDC #: 12579B1a
SDG #: E41230268

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

Y N N/A Was a LCS required?
Y N N/A Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?

#	Date	LCS/LCSD ID	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
		GRPLLIAC-LCS	B	148 (60-140)	( )	( )	3, 4, 6→9,	J detect / P
			ZZZZ	142 (↓)	( )	( )	10, 11,	↓
				( )	( )	( )	GRPLLIAA-MB	
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
		GRPMBIAC-LCS	B	146 (60-140)	( )	( )	1, 2	J detect / P
			G	132 (70-130)	( )	( )	GRPMIBIAA-MB	
			ZZZZ	150 (60-140	( )	( )	↓	↓
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
			ZZZZ	= (1,1,2-	Trichlorotrifluoroethane			
				( )	( )	( )		

LCSLCSD.1SB

BOE-C6-0067954

LDC #: 12579 B/a
SDG #: E41230268

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Page: 1 of 1
Reviewer: R
2nd reviewer: R

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Y N N/A Were field duplicate pairs identified in this SDG?
Y N N/A Were target compounds detected in the field duplicate pairs?

Compound	Concentration (ug/L)		RPD
	3	4	
I	130	130	0
k	80	67	18
QQQ	7.9	11	33
S	910	900	1

Compound	Concentration ( )		RPD

Compound	Concentration ( )		RPD

Compound	Concentration ( )		RPD

FLDUP4.1SB

LDC #: 12579B1a
SDG #: E4123026B

VALIDATION FINDINGS WORKSHEET
Field Blanks

Page: 1 of 1
Reviewer: R
2nd reviewer: RC

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Y N N/A Were field blanks identified in this SDG?
Y N N/A Were target compounds detected in the field blanks?

Sample: 9 Field Blank / Trip Blank / Rinsate / Other EB (circle one)

Compound	Concentration Units (ug/L)
F	4.5
X	1.4
T	6.7
P	7.1
K	8.3

Sample: _____ Field Blank / Trip Blank / Rinsate / Other_____ (circle one)

Compound	Concentration Units ( )

Sample: _____ Field Blank / Trip Blank / Rinsate / Other_____ (circle one)

Compound	Concentration Units ( )

FLDBLK.1SB

LDC #: 12579B1a
SDG #: E4 1230268

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The Relative Response Factor (RRF), average RRF, and percent relative standard deviation (%RSD) were recalculated for the compounds identified below using the following calculations:

RRF = $(A_x)(C_{is})/(A_{is})(C_x)$
average RRF = sum of the RRFs/number of standards
%RSD = 100 * (S/X)

A_x = Area of compound,
C_x = Concentration of compound,
S = Standard deviation of the RRFs
X = Mean of the RRFs

A_{is} = Area of associated internal standard
C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Reported RRF (10 std)	Recalculated RRF (10 std)	Reported Average RRF (Initial)	Recalculated Average RRF (Initial)	Reported %RSD	Recalculated %RSD
1	09290K4	9/29/04	Methylene chloride (1st internal standard)	0.19361	0.19361	0.19251	0.19251	5.753	5.753
			~~Trichlorethene~~ Ethyl Benzene (2nd internal standard)	1.77494	1.77494	1.89086	1.89086	15.229	15.229
			~~Toluene~~ 1,2 Dichlorobenzene (3rd internal standard)	1.35626	1.35626	1.52115	1.52115	14.622	14.622
2			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
3			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
4			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

INICLC.1SB

BOE-C6-0067957

LDC #: 12579B1a
SDG #: E4123026B

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer:
2nd Reviewer:

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent difference (%D) of the initial calibration average Relative Response Factors (RRFs) and the continuing calibration RRFs were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. RRF - RRF)/ave. RRF
RRF = $(A_x)(C_{is})/(A_{is})(C_x)$

Where: ave. RRF = initial calibration average RRF
RRF = continuing calibration RRF
A_x = Area of compound, A_{is} = Area of associated internal standard
C_x = Concentration of compound, C_{is} = Concentration of internal standard

#	Standard ID	Calibration Date	Compound (Reference Internal Standard)	Average RRF (Initial)	Reported RRF (CC)	Recalculated RRF (CC)	Reported %D	Recalculated %D
1	RS0443	10/1/04	Methylene chloride (1st internal standard)	0.19251	0.19980	0.19980	3.79	3.79
			~~Trichlorethene~~ Ethyl Benzene (2nd internal standard)	1.89086	1.81946	1.82	3.776	3.78
			~~Toluene~~ 1,2 Dichlorobenzene (3rd internal standard)	1.52115	1.39158	1.39	8.518	8.52
2			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					
3	RS0446	10/2/04	Methylene chloride (1st internal standard)	0.19251	0.19673	0.19673	2.19214	2.19214
			~~Trichlorethene~~ Ethyl Benzene (2nd internal standard)	1.89086	1.88172	1.88172	0.48360	0.48360
			Toluene (3rd internal standard) 1,2 Dichlorobenzene	1.52115	1.42281	1.42281	6.46474	6.46474
4			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

CONCLC1SB

BOE-C6-0067958

LDC #: 12579B/a
SDG #: E4122026 8

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Page: 1 of 1
Reviewer: 9
2nd reviewer: 0

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: #7

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8	10	10.0315	~~102~~ 100	100	0
Bromofluorobenzene	↓	9.7755	~~97~~ 98	98	↓
1,2-Dichloroethane-d4		10.4661	~~94~~ 105	105	
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

Sample ID:

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8					
Bromofluorobenzene					
1,2-Dichloroethane-d4					
Dibromofluoromethane					

LDC #: 10536A1 12579B19
SDG #: 032075 E4123026

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Page: 1 of 1
Reviewer: FT
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the matrix spike and matrix spike duplicate were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * (SSC - SC)/SA

Where: SSC = Spiked sample concentration; SA = Spike added; SC = Sample concentration

RPD = | MSC - MSDC | * 2/(MSC + MSDC)

MSC = Matrix spike percent recovery; MSDC = Matrix spike duplicate percent recovery

MS/MSD sample: 10 + 11

Compound	Spike Added (ug/L)		Sample Concentration (ug/L)	Spiked Sample Concentration (ug/L)		Matrix Spike Percent Recovery		Matrix Spike Duplicate Percent Recovery		MS/MSD RPD	
	MS	MSD	----	MS	MSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	1250	1250	ND	1500	1480	120	120	119	118	1.1	1.3
Trichloroethene	↓	↓	6200	7250	7230	87	84	85	82	0.20	0.28
Benzene	↓	↓	ND	1180	1140	94	94	91	91	3.7	3.4
Toluene	↓	↓	↓	1170	1160	93	94	93	93	0.42	0.86
Chlorobenzene	↓	↓	↓	1190	1150	95	95	92	92	3.0	3.4

Comments: Refer to Matrix Spike/Matrix Spike Duplicates findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

BOE-C6-0067960

LDC #: 12579Bpa
SDG #: E41230268

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

The percent recoveries (%R) and Relative Percent Difference (RPD) of the laboratoy control sample and laboratory control sample duplicate (if applicable) were recalculated for the compounds identified below using the following calculation:

% Recovery = 100 * SSC/SA

Where: SSC = Spiked sample concentration
SA = Spike added

RPD = I LCS - LCSD I * 2/(LCS + LCSD)

LCS = Laboratory control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS ID: GRPLLIAC (Batch 4276077)

Compound	Spike Added (ug/L)		Spiked Sample Concentration (ug/L)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalculated
1,1-Dichloroethene	10.0	NA	11.5	NA	115	115				
Trichloroethene			~~10.0~~ 9.20		92	92				
Benzene			9.22		92	92				
Toluene			9.38		94	94				
Chlorobenzene			9.29		93	93	NA			

Comments: Refer to Laboratory Control Sample findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LCSCLC.1SB

BOE-C6-0067961

LDC #: 12579B1a
SDG #: E41230268

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of 1
Reviewer: [illegible]
2nd reviewer: _____

METHOD: GC/MS VOA (EPA SW 846 Method 8260B)

Y N N/A Were all reported results recalculated and verified for all level IV samples?

Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Concentration = $\frac{(A_x)(I_s)(DF)}{(A_{is})(RRF)(V_o)(\%S)}$

A_x = Area of the characteristic ion (EICP) for the compound to be measured

A_{is} = Area of the characteristic ion (EICP) for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the calibration standard.

V_o = Volume or weight of sample pruged in milliliters (ml) or grams (g).

Df = Dilution factor.

%S = Percent solids, applicable to soils and solid matrices only.

Example:

Sample I.D. #7, TCE:

Conc. = $\frac{(551660)(10)(125)}{(446808)(0.25030)(\ )}$

= 6200 ug/L

#	Sample ID	Compound	Reported Concentration ( )	Calculated Concentration ( )	Qualification