GROUNDWATER MONITORING – ANNUAL EVENT
MARCH 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
27 April 2004

HALEY & ALDRICH

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Prepared for

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27 April 2004

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1. INTRODUCTION

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

The 2004 Annual Event was conducted at the Site from 19 March through 25 March 2004. The program included the following activities:

- Groundwater elevation measurements in 34 wells;
- Collection of groundwater samples from 24 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 24 wells for dissolved oxygen (DO), oxidation-reduction potential (ORP), pH, conductivity, and temperature.

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

2. SITE BACKGROUND

2.1 Site Location

The Site is located at 19503 South Normandie Avenue, in Los Angeles, California. The Site occupies approximately 170 acres in an area 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 for the manufacturing of aircraft and aircraft parts for 40 years, between 1952 and 1992. 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 at the Site in 1987. Forty-three groundwater monitoring wells have been installed at the Site. Twenty-one of these 43 wells have since been removed as a result of redevelopment activities. Recently, four groundwater monitoring wells and nine groundwater bioremediation wells have been installed at the Site and gauged during the 2004 Annual Event. 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

The 2004 Annual Event at the Site was conducted from 19 March through 25 March 2004 by Tait Environmental Management, Inc. (TEM) field personnel. Work was conducted in accordance with the following documents:

- *Groundwater Monitoring Workplan 2004*, by Haley & Aldrich, Inc., dated 31 October 2003, 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 Annual Groundwater Monitoring and Sampling event were as follows.

3.2 Groundwater Elevation Measurement

- Water levels were measured in 34 Site groundwater wells on 19 March 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-five Site groundwater monitoring wells were purged and sampled from 22 March through 25 March 2004.
- At least 3 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 a minimum of three wetted casing volumes were 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 25 wells with a submersible pump and analyzed for VOCs by EPA Method 8260B.
- QA/QC samples were also collected and analyzed for VOCs by EPA Method 8260B. (See Section 5 for description).

3.4 Monitored Natural Attenuation (MNA) Parameters

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

3.5 Field Procedures

Field procedures for this sampling event are outlined in the documents listed previously 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_WG032204_0001

Where:

TMW_10 = the groundwater monitoring well name
WG = Groundwater sample
032204 = date the sample was collected (mmddyy)
0001 = the number of samples taken from the well

3.7 Groundwater Monitoring Program Variances

Groundwater monitoring well WCC-12S was scheduled for sampling during the Annual Monitoring Event; however, due to Site redevelopment construction activities, the groundwater monitoring well could not be accessed by the sampling crew and equipment (Figure 2). Well WCC-12S will be scheduled for sampling during the Semi-Annual Monitoring Event in October 2004.

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 Annual Event is presented in Table II.

4.1.1 MBFB

During the 2004 Annual Event, groundwater elevations at the Site in the MBFB ranged from –12.67 to –21.48 feet mean sea level (MSL), or approximately 65 feet below ground surface (bgs). Figure 3 is a groundwater elevation contour map of the MBFB (B-Sand) water-bearing zone, generated using data collected from the 2004 Annual Event. The average horizontal hydraulic gradient in the MBFB was calculated to be approximately 0.0005 to 0.0010 ft/ft to the south in March 2004. The groundwater in the MBFB appears to generally flow in a southerly direction and converge on the Site (Figure 3).

4.1.2 MBFC

During the 2004 Annual Event, groundwater elevations at the Site in the MBFC ranged from –14.53 to –15.73 feet MSL, or approximately 67 feet bgs. Figure 4 is a groundwater elevation contour map of the MBFC (C-Sand) water-bearing zone, generated using data collected from the 2004 Annual Event. The average horizontal hydraulic gradient in the MBFC was calculated to be approximately 0.00017 ft/ft to the southeast. The groundwater in the MBFC appears to generally flow in a southeasterly direction (Figure 4).

Historic groundwater levels are presented in Table III.

4.2 Groundwater Quality

4.2.1 VOC Results

Results of VOC analysis by EPA Method 8260B for the 2004 Annual Event, conducted in March 2004, 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) appear to be generally 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 2004 Annual Event.

4.2.2 Field MNA Parameters

Field monitoring of DO, ORP, and pH was conducted during the March 2004 monitoring and sampling event. A summary of the March 2004 monitored natural attenuation parameters is included in Table VI, and on the Field Data Sheets in Appendix A. These parameters are generally similar to the September 2003 semiannual sampling event 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, 2 and 36, 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 (WCC-3S and WCC-6S), suggesting anaerobic reducing conditions.

5. QUALITY ASSURANCE/QUALITY CONTROL

5.1 Field Quality Control Samples

5.1.1 Field Duplicates

Two duplicate groundwater samples were analyzed for VOC concentrations from wells TMW-10, TMW-11 and CMW026. 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 measure of precision, 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 data from the well). The data from TMW-10, TMW-11 and CMW026 and their respective duplicates were reported to have RPDs less than or equal to 57%, which indicates that the reported concentrations are up to standard.

5.1.2 Equipment Rinsate Blanks

Four equipment rinsate blanks were collected during the sampling event after cleaning the sampling equipment with deionized water. These rinsate samples were analyzed for VOCs by EPA Method 8260B. Low concentrations of VOCs (<3 μg/l) were detected in the equipment blank samples as shown on Table IV.

5.1.3 Field Blanks

Four field blanks were collected during the sampling event with laboratory-supplied water to check for contamination by sampling methodology. These field blank samples were analyzed for VOCs by EPA Method 8260B. Low concentrations of VOCs (<3 μg/l) were detected in the field blank samples as shown on Table IV.

5.1.4 Trip Blanks

One laboratory-prepared trip blank was shipped to the laboratory each day to check for cross-contamination. The samples were analyzed for VOCs by EPA Method 8260B. Concentrations of acetone (up to 18 μg/l) and 1,2,4-trichlorobenzne were detected in the trip blanks, as shown in Table IV.

5.1.5 Data Validation and Laboratory QA/QC Samples

Final laboratory-certified reports and laboratory quality control procedures are included on the compact disc (CD) 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. (LDC) (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 cover 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 date of report preparation. 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 in 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.

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TABLES

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

Name	Easting[1]	Northing[1]	Top of Casing Elevation (AMSL)[2, 3]	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

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

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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
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	6093.12	6505.07	49.57	87	65-85	63	4	Sched 40 PVC	0.010-Inch	8/8/2003
CMW0001	5214.87	6975.52	51.81	124	99-124	97	4	Sched 40 PVC	0.010-Inch	8/15/2003
CMW0002[4]	--	--	--	124	99-124	97	4	Sched 40 PVC	0.010-Inch	9/5/2003
CMW026	5633.45	6553.37	48.94	117	92-117	90	4	Sched 40 PVC	0.010-Inch	8/6/2003
IRZCMW0001	5690.11	6491.78	49.14	117	92-117	90	4	Sched 40 PVC	0.010-Inch	8/6/2003
IRZCMW0002	5440.86	6692.06	52.98	121	96-121	94	4	Sched 40 PVC	0.010-Inch	5/12/2003
IRZCMW0003	5623.09	6571.93	49.12	117	92-117	90+	4	Sched 40 PVC	0.010-Inch	8/8/2003
IRZMW0002A	6017.39	6112.70	54.07	78	68-78	66	2	Sched 40 PVC	0.010-Inch	6/3/2003
IRZMW0002B	6017.32	6112.88	54.17	93	83-93	82	2	Sched 40 PVC	0.010-Inch	6/3/2003
IRZMW0003A	6013.90	6140.54	54.14	75	65-75	63	2	Sched 40 PVC	0.010-Inch	6/2/2003
IRZMW0003B	6013.84	6140.16	54.20	90	80-90	79	2	Sched 40 PVC	0.010-Inch	6/2/2003
IRZMW0004	5639.81	6325.12	50.48	90	65-90	63	4	Sched 40 PVC	0.010-Inch	9/4/2003
IRZMW0005	5737.02	6311.72	50.19	90	65-90	63	4	Sched 40 PVC	0.010-Inch	9/5/2003

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. Well CMW002 was not surveyed at the time of report preparation.
* Indicates abandoned well.

QA/QC: PRS

Date: 04/19/04

Table II
GROUNDWATER ELEVATIONS - SEPTEMBER 2003
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	3/19/2004	51.12	88.81	64.21	-13.09
WCC-4S	3/19/2004	49.62	89.81	62.84	-13.22
WCC-5S	3/19/2004	48.79	90.07	62.00	-13.21
WCC-6S	3/19/2004	51.30	87.65	64.51	-13.21
WCC-7S	3/19/2004	50.20	90.57	63.54	-13.34
WCC-9S	3/19/2004	46.85	96.33	68.33	-21.48
WCC-12S	3/19/2004	46.92	NM	NM	NM
DAC-P1	3/19/2004	52.75	90.46	65.42	-12.67
TMW-1	3/19/2004	56.46	84.55	69.72	-13.26
TMW-2	3/19/2004	56.38	85.11	69.62	-13.24
TMW-4	3/19/2004	48.79	77.00	62.76	-13.97
TMW-6	3/19/2004	49.50	78.70	63.33	-13.83
TMW-7	3/19/2004	52.52	83.61	66.07	-13.55
TMW-8	3/19/2004	53.99	82.71	68.53	-14.54
TMW-9	3/19/2004	52.75	80.06	66.31	-13.56
TMW-10	3/19/2004	47.48	78.00	61.28	-13.80
TMW-11	3/19/2004	47.41	77.19	61.66	-14.25
TMW-14	3/19/2004	58.16	85.31	70.61	-12.45
TMW-15	3/19/2004	55.23	87.20	68.68	-13.45
BL-3	3/19/2004	56.48	80.80	70.08	-13.60
XMW-09	3/19/2004	53.67	76.35	65.09	-11.42
XMW-19	3/19/2004	46.53	76.95	60.56	-14.03
MW0005	3/19/2004	49.57	87.75	63.50	-13.93
CMW0001	3/19/2004	51.18	124.26	66.91	-15.73
CMW0002[5]	3/19/2004	NA	124.34	65.31	NA
CMW026	3/19/2004	48.94	118.11	63.51	-14.57
IRZCMW0001	3/19/2004	49.14	118.85	63.67	-14.53
IRZCMW0002	3/19/2004	52.98	121.31	67.79	-14.81
IRZCMW0003	3/19/2004	49.12	117.95	63.70	-14.58
IRZMW0002A	3/19/2004	54.07	77.95	68.07	-14.00
IRZMW0002B	3/19/2004	54.17	88.52	68.23	-14.06
IRZMW0003A	3/19/2004	54.14	76.55	68.21	-14.07
IRZMW0003B	3/19/2004	54.20	93.00	68.25	-14.05
IRZMW0004	3/19/2004	50.48	90.87	64.86	-14.38
IRZMW0005	3/19/2004	50.19	90.32	64.51	-14.32

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. Well CMW002 was not surveyed at the time of report preparation.
NM = Not measured
NA = Not available

QA/QC: PRS

Date: 04/19/04

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-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
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
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

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	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
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-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-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

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-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-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-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-8	7/14/1998	51.06	64.91	-13.85
TMW-8	9/22/1998	51.06	64.94	-13.88

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-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-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-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-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-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

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-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
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-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-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

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-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
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

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-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
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

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	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
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-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

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	7/14/1998	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
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-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-6S	10/18/1989	51.30	71.00	-19.70
WCC-6S	6/15/1992	51.30	70.70	-19.40

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	9/21/1992	51.30	70.94	-19.64
WCC-6S	1/5/1993	51.30	70.80	-19.50
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-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-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
WCC-9S	1/5/1993	46.32	65.88	-19.56

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	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	3/19/2004	46.85	68.33	-21.48
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
WCC-10S	2/29/1996	51.29	66.51	-15.22
WCC-10S	6/6/1996	51.29	66.06	-14.77

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	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
WCC-12S	4/9/1993	47.31	66.57	-19.26
WCC-12S	6/7/1993	47.31	66.51	-19.20

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	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

Notes:
NA = Not available
MSL = Mean Sea Level

QA/QC: PRS

Date: 04/19/04

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

Analyte: Result Value Units:				1,1,1,2-Tetrachloro-ethane ug/L		1,1,1-Trichloro-ethane ug/L		1,1,2,2-Tetrachloro-ethane ug/L		1,1,2-Trichloro-1,2,2-trifluoro-ethane ug/L		1,1,2-Trichloro ethane ug/L		1,1-Dichloro-ethane ug/L		1,1-Dichloro-ethene ug/L		1,1-Dichloro-propene ug/L		1,2,3-Trichloro-benzene ug/L		1,2,3-Trichloro-propane ug/L		1,2,4-Trichlorobenzene ug/L		1,2,4-Trimethyl-benzene ug/L		1,2-Dibromo-3-chloropropane ug/L		1,2-Dibromo-ethane ug/L	
Object Name	**Sample Name**	**Sample Type**	**Date Collected**																												
BL-03	BL_03_WG032304_0001	Primary Sample	03/23/2004	12	U	12	U	12	U	12	U	12	U	12	U	8.5	J	12	U	12	U	12	U	12	U	12	U	25	U	12	U
CMW001	CMW001_WG032304_0001	Primary Sample	03/23/2004	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	500	U	250	U
CMW002	CMW002_WG032304_0001	Primary Sample	03/23/2004	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	200	U	100	U
CMW026	CMW026_WG032404_0001	Primary Sample	03/24/2004	25	U	25	U	25	U	25	U	25	U	6.8	J	130		25	U	25	U	25	U	25	U	25	U	50	U	25	U
	CMW026_WG032404_0002	Field Duplicate	03/24/2004	10	U	10	U	10	U	10	U	10	U	4.1	J	72		10	U	10	U	10	U	10	U	10	U	20	U	10	U
DAC-P1	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	25	U	12	U
MW0005	MW0005_WG032504_0001	Primary Sample	03/25/2004	50	U	50	U	50	U	50	U	29	J	52		2300		50	U	50	U	50	U	50	U	50	U	100	U	50	U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	25	U	25	U	25	U	25	U	25	U	25	U	74		25	U	25	U	25	U	25	U	25	U	50	U	25	U
TMW_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	500	U	500		500	U	500	U	500	U	1200		19000		500	U	500	U	500	U	500	U	500	U	1000	U	500	U
TMW_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	25	U	25	U	25	U	25	U	25	U	15	J	530		25	U	25	U	25	U	25	U	25	U	50	U	25	U
TMW_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	0.64	J	8.4		2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	5	U	2.5	U
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	25	U	25	U	25	U	25	U	25	U	25	U	360		25	U	25	U	25	U	25	U	25	U	50	U	25	U
TMW_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	50	U	50	U	50	U	50	U	50	U	42	J	50	U	50	U	50	U	50	U	50	U	50	U	100	U	50	U
TMW_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	5	U	5	U	5	U	5	U	5	U	5	U	6.8		5	U	5	U	5	U	5	U	5	U	10	U	5	U
TMW_10	TMW_10_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
TMW_11	TMW_11_WG032304_0001	Primary Sample	03/23/2004	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U
	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U
TMW_14	TMW_14_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
TMW_15	TMW_15_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1.1		1	U	1	U	1	U	1	U	1	U	2	U	1	U
WCC_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	500	U	140	J	500	U	500	U	500	U	220	J	10000		500	U	500	U	500	U	500	U	500	U	1000	U	500	U
WCC_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	10	U	10	U	10	U	10	U	10	U	2.6	J	500		10	U	10	U	10	U	10	U	10	U	20	U	10	U
WCC_05S	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	5.9		1	U	1	U	1	U	1	U	1	U	2	U	1	U
WCC_06S	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	100	U	36	J	100	U	100	U	100	U	140		5100		100	U	100	U	100	U	100	U	100	U	200	U	100	U
WCC_09S	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	1	U	1	U	1	U	1	U	1	U	1.9		4.5		1	U	1	U	1	U	1	U	1	U	2	U	1	U
XMW-09	XMW-09_WG032504_0001	Primary Sample	03/25/2004	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	50	U	100	U	50	U
XMW_19	XMW_19_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1.4		1	U	1	U	1	U	1	U	1	U	2	U	1	U
Quality Control Data																															
Decon Water	DB_TAIT032204_0001	Unknown Sample Type	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	DB_TAIT032304_0001	Unknown Sample Type	03/23/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	DB_TAIT032404_0001	Unknown Sample Type	03/24/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	DB_TAIT032504_0001	Unknown Sample Type	03/25/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
Equipment Blank	EB_TAIT032204_0001	Field Equipment Blank	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	EB_TAIT032304_0001	Field Equipment Blank	03/23/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	EB_TAIT032404_0001	Field Equipment Blank	03/24/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	EB_TAIT032504_0001	Field Equipment Blank	03/25/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
Trip Blank	TB_TAIT032204_0001	Field Trip/Travel Blank	03/22/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	TB_TAIT032304_0001	Field Trip/Travel Blank	03/23/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.41	J	1	U	2	U	1	U
	TB_TAIT032404_0001	Field Trip/Travel Blank	03/24/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	TB_TAIT032504_0001	Field Trip/Travel Blank	03/25/2004	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U

Notes:
U = Not reported above listed detection limit.
J = Estimated result

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

Analyte: Result Value Units:				1,2-Dichloro-benzene ug/L		1,2-Dichloro-ethane ug/L		1,3,5-Trimethyl-benzene ug/L		1,3-Dichlorobenzene ug/L		1,4-Dichlorobenzene ug/L		2-Chloro-ethylvinyl ether ug/L		2-Hexanone ug/L		4-Methyl-2-pentanone ug/L		Acetone ug/L		Acrolein ug/L		Acrylo-nitrile ug/L		Benzene ug/L		Bromo-benzene ug/L		Bromo-chloromethane ug/L		Bromo-dichloromethane ug/L	
Object Name	**Sample Name**	**Sample Type**	**Date Collected**																														
BL-03	BL_03_WG032304_0001	Primary Sample	03/23/2004	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	12	U
CMW001	CMW001_WG032304_0001	Primary Sample	03/23/2004	250	U	120	U	250	U	250	U	250	U	1200	U	1200	U	1200	U	2500	U	5000	U	5000	U	250	U	250	U	250	U	250	U
CMW002	CMW002_WG032304_0001	Primary Sample	03/23/2004	100	U	50	U	100	U	100	U	100	U	500	U	500	U	500	U	1000	U	2000	U	2000	U	33	J	100	U	100	U	100	U
CMW026	CMW026_WG032404_0001	Primary Sample	03/24/2004	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	25	U
	CMW026_WG032404_0002	Field Duplicate	03/24/2004	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	10	U
DAC-P1	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	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	12	U
MW0005	MW0005_WG032504_0001	Primary Sample	03/25/2004	50	U	32		50	U	50	U	50	U	250	U	250	U	250	U	500	U	1000	U	1000	U	50	U	50	U	50	U	50	U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	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	25	U
TMW_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	500	U	250	U	500	U	500	U	500	U	2500	U	2500	U	2500	U	1700	J	10000	U	10000	U	500	U	500	U	500	U	500	U
TMW_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	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	25	U
TMW_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	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	2.5	U
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	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	25	U
TMW_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	50	U	25	U	50	U	50	U	50	U	250	U	250	U	250	U	500	U	1000	U	1000	U	16	J	50	U	50	U	50	U
TMW_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	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	5	U
TMW_10	TMW_10_WG032204_0001	Primary Sample	03/22/2004	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	1	U
	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	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	1	U
TMW_11	TMW_11_WG032304_0001	Primary Sample	03/23/2004	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	10	U
	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	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	10	U
TMW_14	TMW_14_WG032204_0001	Primary Sample	03/22/2004	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	1	U
TMW_15	TMW_15_WG032204_0001	Primary Sample	03/22/2004	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	1	U
WCC_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	500	U	250	U	500	U	500	U	500	U	2500	U	2500	U	2500	U	5000	U	10000	U	10000	U	500	U	500	U	500	U	500	U
WCC_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	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	10	U
WCC_05S	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	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	1	U
WCC_06S	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	100	U	50	U	100	U	100	U	100	U	500	U	500	U	500	U	1000	U	2000	U	2000	U	38	J	100	U	100	U	100	U
WCC_09S	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	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	1	U
XMW-09	XMW-09_WG032504_0001	Primary Sample	03/25/2004	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	50	U
XMW_19	XMW_19_WG032204_0001	Primary Sample	03/22/2004	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	1	U
Quality Control Data																																	
Decon Water	DB_TAIT032204_0001	Unknown Sample Type	03/22/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.49	J	1	U	1	U	1	U
	DB_TAIT032304_0001	Unknown Sample Type	03/23/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.55	J	1	U	1	U	1	U
	DB_TAIT032404_0001	Unknown Sample Type	03/24/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.58	J	1	U	1	U	1	U
	DB_TAIT032504_0001	Unknown Sample Type	03/25/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.51	J	1	U	1	U	1	U
Equipment Blank	EB_TAIT032204_0001	Field Equipment Blank	03/22/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.48	J	1	U	1	U	1	U
	EB_TAIT032304_0001	Field Equipment Blank	03/23/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.57	J	1	U	1	U	1	U
	EB_TAIT032404_0001	Field Equipment Blank	03/24/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.58	J	1	U	1	U	1	U
	EB_TAIT032504_0001	Field Equipment Blank	03/25/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	10	U	20	U	20	U	0.53	J	1	U	1	U	1	U
Trip Blank	TB_TAIT032204_0001	Field Trip/Travel Blank	03/22/2004	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	1	U
	TB_TAIT032304_0001	Field Trip/Travel Blank	03/23/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	18		20	U	20	U	1	U	1	U	1	U	1	U
	TB_TAIT032404_0001	Field Trip/Travel Blank	03/24/2004	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	1	U
	TB_TAIT032504_0001	Field Trip/Travel Blank	03/25/2004	1	U	0.5	U	1	U	1	U	1	U	5	U	5	U	5	U	6.4	J	20	U	20	U	1	U	1	U	1	U	1	U

Notes:
U = Not reported above listed detection limit.
J = Estimated result

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

Analyte: Result Value Units:				Bromoform ug/L		Bromomethane ug/L		Carbon disulfide ug/L		Carbon tetrachloride ug/L		Chloro-benzene ug/L		Chloroethane ug/L		Chloroform ug/L		Chloromethane ug/L		cis-1,2-Dichloroethene ug/L		Cumene ug/L		Dibromo-chloromethane ug/L		Dichloro-difluoromethane ug/L		Ethylbenzene ug/L		Hexachloro-butadiene ug/L	
Object Name	Sample Name	Sample Type	Date Collected																												
BL-03	BL_03_WG032304_0001	Primary Sample	03/23/2004	12	U	25	U	12	U	6.2	U	4.7	J	25	U	12	U	25	U	12	U	12	U	12	U	12	U	12	U	12	U
CMW001	CMW001_WG032304_0001	Primary Sample	03/23/2004	250	U	500	U	250	U	120	U	12000		500	U	250	U	500	U	250	U	250	U	250	U	250	U	250	U	250	U
CMW002	CMW002_WG032304_0001	Primary Sample	03/23/2004	100	U	200	U	100	U	50	U	5400		200	U	100	U	200	U	100	U	100	U	100	U	100	U	100	U	100	U
CMW026	CMW026_WG032404_0001	Primary Sample	03/24/2004	25	U	50	U	25	U	12	U	25	U	50	U	21	J	50	U	10	J	25	U	25	U	25	U	25	U	25	U
	CMW026_WG032404_0002	Field Duplicate	03/24/2004	10	U	20	U	10	U	5	U	10	U	20	U	12		20	U	6.3	J	10	U	10	U	10	U	10	U	10	U
DAC-P1	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	12	U	25	U	12	U	6.2	U	12	U	25	U	12	U	25	U	110		12	U	12	U	12	U	12	U	12	U
MW0005	MW0005_WG032504_0001	Primary Sample	03/25/2004	50	U	100	U	50	U	25	U	50	U	100	U	50	U	100	U	150		50	U	50	U	50	U	50	U	50	U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	25	U	50	U	25	U	12	U	25	U	50	U	25	U	50	U	8.1	J	25	U	25	U	25	U	25	U	25	U
TMW_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	500	U	1000	U	500	U	250	U	500	U	1000	U	500	U	1000	U	8400		500	U	500	U	500	U	500	U	500	U
TMW_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	25	U	50	U	25	U	12	U	25	U	50	U	11	J	50	U	33		25	U	25	U	25	U	25	U	25	U
TMW_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	2.5	U	5	U	2.5	U	1.2	U	2.5	U	5	U	130		5	U	1.5	J	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	25	U	50	U	25	U	12	U	25	U	50	U	25	U	50	U	11	J	25	U	25	U	25	U	25	U	25	U
TMW_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	50	U	100	U	50	U	25	U	50	U	100	U	50	U	100	U	340		50	U	50	U	50	U	50	U	50	U
TMW_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	5	U	10	U	5	U	2.5	U	5	U	10	U	5.9		10	U	8		5	U	5	U	5	U	5	U	5	U
TMW_10	TMW_10_WG032204_0001	Primary Sample	03/22/2004	1	U	2	U	1	U	0.5	U	1	U	2	U	2.4		2	U	1	U	1	U	1	U	1.9		1	U	1	U
	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	1	U	2	U	1	U	0.5	U	1	U	2	U	2.7		2	U	1	U	1	U	1	U	2.2		1	U	1	U
TMW_11	TMW_11_WG032304_0001	Primary Sample	03/23/2004	10	U	20	U	10	U	3.2	J	10	U	20	U	380		20	U	10	U	10	U	10	U	10	U	10	U	10	U
	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	10	U	20	U	10	U	5	U	10	U	20	U	280		20	U	10	U	10	U	10	U	10	U	10	U	10	U
TMW_14	TMW_14_WG032204_0001	Primary Sample	03/22/2004	1	U	2	U	1	U	2.2		1	U	2	U	2.1		2	U	1	U	1	U	1	U	1	U	1	U	1	U
TMW_15	TMW_15_WG032204_0001	Primary Sample	03/22/2004	1	U	2	U	1	U	0.5	U	1	U	2	U	4.1		2	U	2.1		1	U	1	U	1	U	1	U	1	U
WCC_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	500	U	1000	U	500	U	250	U	500	U	1000	U	500	U	1000	U	2400		500	U	500	U	500	U	500	U	500	U
WCC_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	10	U	20	U	10	U	5	U	3.4	J	20	U	10	U	20	U	21		10	U	10	U	10	U	10	U	10	U
WCC_05S	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	1	U	2	U	1	U	0.5	U	1	U	2	U	0.51	J	2	U	1	U	1	U	1	U	1	U	1	U	1	U
WCC_06S	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	100	U	200	U	100	U	50	U	100	U	200	U	100	U	38	J	2600		100	U	100	U	100	U	100	U	100	U
WCC_09S	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	1	U	2	U	1	U	0.5	U	1	U	2	U	9.2		2	U	5.1		1	U	1	U	2		1	U	1	U
XMW-09	XMW-09_WG032504_0001	Primary Sample	03/25/2004	50	U	100	U	50	U	25	U	97		100	U	1900		100	U	50	U	50	U	50	U	50	U	50	U	50	U
XMW_19	XMW_19_WG032204_0001	Primary Sample	03/22/2004	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
Quality Control Data																															
Decon Water	DB_TAIT032204_0001	Unknown Sample Type	03/22/2004	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	0.2	J	1	U
	DB_TAIT032304_0001	Unknown Sample Type	03/23/2004	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	0.26	J	1	U
	DB_TAIT032404_0001	Unknown Sample Type	03/24/2004	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	0.28	J	1	U
	DB_TAIT032504_0001	Unknown Sample Type	03/25/2004	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	0.21	J	1	U
Equipment Blank	EB_TAIT032204_0001	Field Equipment Blank	03/22/2004	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	0.22	J	1	U
	EB_TAIT032304_0001	Field Equipment Blank	03/23/2004	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	0.25	J	1	U
	EB_TAIT032404_0001	Field Equipment Blank	03/24/2004	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	0.29	J	1	U
	EB_TAIT032504_0001	Field Equipment Blank	03/25/2004	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	0.24	J	1	U
Trip Blank	TB_TAIT032204_0001	Field Trip/Travel Blank	03/22/2004	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_TAIT032304_0001	Field Trip/Travel Blank	03/23/2004	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_TAIT032404_0001	Field Trip/Travel Blank	03/24/2004	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_TAIT032504_0001	Field Trip/Travel Blank	03/25/2004	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

Notes:
U = Not reported above listed detection limit.
J = Estimated result

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

Analyte: Result Value Units:				Iodomethane ug/L		Methyl ethyl ketone ug/L		Methyl tert-butyl ether (MTBE) ug/L		Methylene chloride ug/L		n-Butyl-benzene ug/L		n-Propyl-benzene ug/L		o-Chloro-toluene ug/L		p-Chloro-toluene ug/L		p-Cymene ug/L		sec-Butyl-benzene ug/L		sec-Dichloro-propane ug/L		Styrene ug/L		tert-Butyl-benzene ug/L		Tetra-chloroethene ug/L		Tetra-hydrofuran ug/L	
Object Name	**Sample Name**	**Sample Type**	**Date Collected**																														
BL-03	BL_03_WG032304_0001	Primary Sample	03/23/2004	25	U	62	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12		120	U
CMW001	CMW001_WG032304_0001	Primary Sample	03/23/2004	500	U	1200	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	2500	U
CMW002	CMW002_WG032304_0001	Primary Sample	03/23/2004	200	U	500	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	1000	U
CMW026	CMW026_WG032404_0001	Primary Sample	03/24/2004	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	25	U	250	U
	CMW026_WG032404_0002	Field Duplicate	03/24/2004	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	10	U	100	U
DAC-P1	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	25	U	62	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	12	U	120	U
MW0005	MW0005_WG032504_0001	Primary Sample	03/25/2004	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	50	U	500	U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	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	25	U	250	U
TMW_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	1000	U	2500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	5000	U
TMW_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	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	25	U	250	U
TMW_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	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	2.5	U	2.5	U	25	U
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	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	25	U	250	U
TMW_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	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	50	U	500	U
TMW_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	10	U	25	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	3.2	J	50	U
TMW_10	TMW_10_WG032204_0001	Primary Sample	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.81	J	10	U
	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.91	J	10	U
TMW_11	TMW_11_WG032304_0001	Primary Sample	03/23/2004	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	4	J	100	U
	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	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	3.6	J	100	U
TMW_14	TMW_14_WG032204_0001	Primary Sample	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2.1		10	U
TMW_15	TMW_15_WG032204_0001	Primary Sample	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
WCC_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	1000	U	2500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	500	U	5000	U
WCC_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	13	J	50	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	10	U	100	U
WCC_05S	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.4	J	10	U
WCC_06S	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	200	U	500	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	100	U	1000	U
WCC_09S	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	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	0.55	J	10	U
XMW-09	XMW-09_WG032504_0001	Primary Sample	03/25/2004	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	68		500	U
XMW_19	XMW_19_WG032204_0001	Primary Sample	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	0.88	J	10	U
Quality Control Data																																	
Decon Water	DB_TAIT032204_0001	Unknown Sample Type	03/22/2004	2	U	5	U	0.98	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	DB_TAIT032304_0001	Unknown Sample Type	03/23/2004	2	U	5	U	0.94	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	DB_TAIT032404_0001	Unknown Sample Type	03/24/2004	2	U	5	U	0.97	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	DB_TAIT032504_0001	Unknown Sample Type	03/25/2004	2	U	5	U	0.89	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
Equipment Blank	EB_TAIT032204_0001	Field Equipment Blank	03/22/2004	2	U	5	U	0.7	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	EB_TAIT032304_0001	Field Equipment Blank	03/23/2004	2	U	5	U	0.94	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	EB_TAIT032404_0001	Field Equipment Blank	03/24/2004	2	U	5	U	1		1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	EB_TAIT032504_0001	Field Equipment Blank	03/25/2004	2	U	5	U	0.9	J	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
Trip Blank	TB_TAIT032204_0001	Field Trip/Travel Blank	03/22/2004	2	U	5	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	10	U
	TB_TAIT032304_0001	Field Trip/Travel Blank	03/23/2004	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	1	U	10	U
	TB_TAIT032404_0001	Field Trip/Travel Blank	03/24/2004	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	1	U	10	U
	TB_TAIT032504_0001	Field Trip/Travel Blank	03/25/2004	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	1	U	10	U

Notes:
U = Not reported above listed detection limit.
J = Estimated result

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

Analyte: Result Value Units:				Toluene ug/L		trans-1,2-Dichloroethene ug/L		Trichloro-ethene ug/L		Trichloro-fluoromethane ug/L		Vinyl acetate ug/L		Vinyl chloride ug/L		Xylene, Total ug/L	
Object Name	**Sample Name**	**Sample Type**	**Date Collected**														
BL-03	BL_03_WG032304_0001	Primary Sample	03/23/2004	12	U	12	U	660		25	U	62	U	6.2	U	12	U
CMW001	CMW001_WG032304_0001	Primary Sample	03/23/2004	250	U	250	U	250	U	500	U	1200	U	120	U	250	U
CMW002	CMW002_WG032304_0001	Primary Sample	03/23/2004	100	U	100	U	540		200	U	500	U	50	U	100	U
CMW026	CMW026_WG032404_0001	Primary Sample	03/24/2004	25	U	25	U	1300		50	U	120	U	12	U	25	U
	CMW026_WG032404_0002	Field Duplicate	03/24/2004	10	U	10	U	810		20	U	50	U	5	U	10	U
DAC-P1	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	12	U	12	U	690		25	U	62	U	6.2	U	12	U
MW0005	MW0005_WG032504_0001	Primary Sample	03/25/2004	50	U	68		2500		100	U	250	U	25	U	50	U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	25	U	25	U	840		28	J	120	U	12	U	25	U
TMW_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	880		370	J	5500		1000	U	2500	U	250	U	500	U
TMW_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	25	U	17	J	1500		50	U	120	U	12	U	25	U
TMW_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	2.5	U	2.5	U	160		5	U	12	U	1.2	U	2.5	U
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	25	U	25	U	1300		50	U	120	U	12	U	25	U
TMW_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	50	U	54		2100		100	U	250	U	25	U	50	U
TMW_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	5	U	1.5	J	500		10	U	25	U	2.5	U	5	U
TMW_10	TMW_10_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	4.2		1.4	J	5	U	0.5	U	1	U
	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	1	U	1	U	4.8		1.7	J	5	U	0.5	U	1	U
TMW_11	TMW_11_WG032304_0001	Primary Sample	03/23/2004	10	U	10	U	9	J	20	U	50	U	5	U	10	U
	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	10	U	10	U	13		20	U	50	U	5	U	10	U
TMW_14	TMW_14_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	9.1		2	U	5	U	0.5	U	1	U
TMW_15	TMW_15_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	18		2	U	5	U	0.5	U	1	U
WCC_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	23000		290	J	960		1000	U	2500	U	250	U	500	U
WCC_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	10	U	8	J	380		20	U	50	U	5	U	10	U
WCC_05S	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	1.5		1.2	J	5	U	0.5	U	1	U
WCC_06S	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	4600		120		360		200	U	500	U	50	U	100	U
WCC_09S	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	1	U	1	U	56		0.92	J	5	U	0.5	U	1	U
XMW-09	XMW-09_WG032504_0001	Primary Sample	03/25/2004	50	U	50	U	32	J	100	U	250	U	25	U	50	U
XMW_19	XMW_19_WG032204_0001	Primary Sample	03/22/2004	1	U	1	U	6.1		0.51	J	5	U	0.5	U	1	U
Quality Control Data																	
Decon Water	DB_TAIT032204_0001	Unknown Sample Type	03/22/2004	2.1		1	U	1	U	2	U	5	U	0.5	U	0.8	J
	DB_TAIT032304_0001	Unknown Sample Type	03/23/2004	2.6		1	U	1	U	2	U	5	U	0.5	U	1.3	
	DB_TAIT032404_0001	Unknown Sample Type	03/24/2004	2.8		1	U	1	U	2	U	5	U	0.5	U	1.4	
	DB_TAIT032504_0001	Unknown Sample Type	03/25/2004	2.4		1	U	1	U	2	U	5	U	0.5	U	1	U
Equipment Blank	EB_TAIT032204_0001	Field Equipment Blank	03/22/2004	2.2		1	U	1	U	2	U	5	U	0.5	U	1.1	
	EB_TAIT032304_0001	Field Equipment Blank	03/23/2004	2.6		1	U	1	U	2	U	5	U	0.5	U	1.3	
	EB_TAIT032404_0001	Field Equipment Blank	03/24/2004	2.8		1	U	1	U	2	U	5	U	0.5	U	1.5	
	EB_TAIT032504_0001	Field Equipment Blank	03/25/2004	2.5		1	U	1	U	2	U	5	U	0.5	U	1	
Trip Blank	TB_TAIT032204_0001	Field Trip/Travel Blank	03/22/2004	1	U	1	U	1	U	2	U	5	U	0.5	U	1	U
	TB_TAIT032304_0001	Field Trip/Travel Blank	03/23/2004	1	U	1	U	1	U	2	U	5	U	0.5	U	1	U
	TB_TAIT032404_0001	Field Trip/Travel Blank	03/24/2004	1	U	1	U	1	U	2	U	5	U	0.5	U	1	U
	TB_TAIT032504_0001	Field Trip/Travel Blank	03/25/2004	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 result

QA/QC: PRS

Date: 04/19/04

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
BL_01	BL_1_W_011801	Primary Sample	01/18/2001	1 U	1 U	0.36 J		5 U	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_01	BL_1_07172001_0003	Field Duplicate	07/17/2001	1 U	1 U	0.35 J	1 U	5 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_01	BL_1_07172001_1000	Primary Sample	07/17/2001	1 U	1 U	1 U	1 U	5 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_01	BL1_011402_1630	Primary Sample	01/14/2002	0.69 J	1 U	0.56 J		5 U	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_02	BL_2_W_011901	Primary Sample	01/19/2001	1 U	1 U	1 U		5 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_02	BL_2_050201_	Primary Sample	05/02/2001	12 U	12 U	12 U		62 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_03	BL_3_W_011801	Primary Sample	01/18/2001	25 U	25 U	25 U		120 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
BL_03	BL_3_032602_1145	Primary Sample	03/26/2002	12 U	12 U	12 U	12 U	62 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_03	BL3_WG032703_0001	Primary Sample	03/27/2003	12 U	12 U	12 U	16	62 U	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
BL_03	BL3_WG032703_0002	Field Duplicate	03/27/2003	12 U	12 U	12 U	16	62 U	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
BL_03	BL_03_WG032304_0001	Primary Sample	03/23/2004	12 U	12 U	12 U	8.5 J	62 U	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
DAC-P1	DAC-P1_W_100989	Primary Sample	10/09/1989	200 U		200 U	200 U	1000 U	1000 U				200 U	200 U			1000 U			200 U	200 U	17000		
DAC-P1	DAC-P1_W_061792	Primary Sample	06/17/1992	5 U		5 U	5 U	10 U	30 U	5 U			10	13			10 U			5 U	5 U	21000		
DAC-P1	DAC-P1_062392	Primary Sample	06/23/1992	1 U	9	1 U	4	5 U	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	DAC-P1_062392DUP	Field Duplicate	06/23/1992	0.5 U	9	1 U	4	5 U	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	DAC-P1_W_092392	Primary Sample	09/23/1992	1 U	9	4	4	5 U	5 U	5	1 U	4	54	71		1 U	5 U	4	13	5 U	1	28000	1 U	1 U
DAC-P1	DAC-P1_W_120992	Primary Sample	12/09/1992	500 U	500 U	500 U	500 U	3000 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	DAC-P1_W_031893	Primary Sample	03/18/1993	44	5	2 U	21	7	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	DAC-P1_W_060893	Primary Sample	06/08/1993	100 U	200 U	100 U	20 U	1000 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	DAC-P1_082593	Primary Sample	08/25/1993	200 U	400 U	200 U	400 U	2000 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	DAC-P1_W_111993	Primary Sample	11/19/1993	20 U	40 U	20 U	40 U	200 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	DAC-P1_W_022494	Primary Sample	02/24/1994	20 U	40 U	20 U	40 U	200 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	DAC-P1_W_061394	Primary Sample	06/13/1994	20 U	40 U	20 U	40 U	200 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	DAC-P1_W_090994	Primary Sample	09/09/1994	200 U	400 U	200 U	400 U	2000 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	DAC-P1_W_122294	Primary Sample	12/22/1994	200 U	400 U	200 U	400 U	2000 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	DAC-P1_W_031495	Primary Sample	03/14/1995	200 U	400 U	200 U	400 U	2000 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	DAC-P1_W_061395	Primary Sample	06/13/1995	200 U	400 U	200 U	400 U	2000 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	DAC-P1_W_090795	Primary Sample	09/07/1995	5 U	5 U	5 U	12	10 U	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	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	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	DAC-P1_W_030496	Primary Sample	03/04/1996	100 U	100 U	100 U	100	20 U	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	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	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	DAC-P1_W_091996	Primary Sample	09/19/1996	250 U	250 U	250 U	350	2500 U	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	DAC-P1_W_121996	Primary Sample	12/19/1996	500 U	500 U	500 U	500 U	5000 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	DAC-P1_050997	Primary Sample	05/09/1997	250 U	250 U	250 U	250 U	2500 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	DAC-P1_070897	Primary Sample	07/08/1997	250 U	250 U	250 U	250 U	2500 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	DAC-P1_072497	Primary Sample	07/24/1997	50 U	50 U	50 U	50 U	500 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	DAC-P1_080697	Primary Sample	08/06/1997	250 U	250 U	250 U	250 U	2500 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	DAC-P1_082297	Primary Sample	08/22/1997	250 U	250 U	250 U	470	2500 U	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	DAC-P1_090597	Primary Sample	09/05/1997	250 U	250 U	250 U	270	2500 U	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	DAC-P1_091897	Primary Sample	09/18/1997	250 U	250 U	250 U	250 U	2500 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	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	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	DAC-P1_062600	Primary Sample	06/26/2000	50 U	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	DAC_P1_W_011801	Primary Sample	01/18/2001	250 U	250 U	250 U		1200 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	DAC_P1_032702_1215	Primary Sample	03/27/2002	250 U	250 U	250 U	250 U	1200 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	DAC_P1_WG091902_0001	Primary Sample	09/19/2002	50 U	50 U	50 U	50 U	250 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	DAC_P1_WG032803_0001	Primary Sample	03/28/2003	250 U	250 U	250 U	250 U	1200 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	DAC_P1_WG092403_0001	Primary Sample	09/24/2003	250 U	250 U	250 U	250 U	1200 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	DAC-P1_WG032504_0001	Primary Sample	03/25/2004	12 U	12 U	12 U	12 U	62 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
TMW_01	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_01	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_01	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
TMW_01	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_01	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_01	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_01	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_01	TMW_1_W_012901	Primary Sample	01/29/2001	5 U	5 U	5 U	140	25 U	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_01	TMW_1_07182001_1012	Primary Sample	07/18/2001	1 U	1 U	0.29 J	240	5 U	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_01	TMW_1_032502_1500	Primary Sample	03/25/2002	12 U	12 U	12 U	24	62 U	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_01	TMW_1_WG091802_0001	Primary Sample	09/18/2002	2 U	2 U	2 U	170	10 U	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_01	TMW_1_WG091802_0002	Field Duplicate	09/18/2002	2 U	2 U	2 U	190	10 U	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_01	TMW_1_WG032703_0001	Primary Sample	03/27/2003	25 U	25 U	25 U	100	120 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	860	32 J	25 U
TMW_01	TMW_1_WG092403_0001	Primary Sample	09/24/2003	25 U	25 U	25 U	180	120 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	1100	36 J	25 U
TMW_01	TMW_01_WG032504_0001	Primary Sample	03/25/2004	25 U	25 U	25 U	74	120 U	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_02	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_02	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_02	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
TMW_02	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_02	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_02	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_02	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_02	TMW_2_W_020301	Primary Sample	02/03/2001	960	250 U	1400	24000	1200 U	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_02	TMW_2_07182001_1011	Primary Sample	07/18/2001	1100	53 J	1400	30000	760	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_02	TMW_2_032602_1835	Primary Sample	03/26/2002	650	250 U	1200	20000	1200 U	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_02	TMW_2_WG091902_0001	Primary Sample	09/19/2002	1400	61 J	2200	27000	1300	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_02	TMW_02_WG032803_0001	Primary Sample	03/28/2003	1300	250 U	1500	23000	1200 U	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	TMW_2_WG092403_0001	Primary Sample	09/24/2003	600	500 U	1400	24000	2500 U	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_02	TMW_02_WG032504_0001	Primary Sample	03/25/2004	500	500 U	1200	19000	2500 U	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_03	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_03	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_03	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_03	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	8200	50 U	100 U
TMW_03	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_03	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_03	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_03	TMW_3_W_012901	Primary Sample	01/29/2001	50 U	50 U	50 U	76	250 U	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_03	TMW_3_07192001_1015	Primary Sample	07/19/2001	50 U	24 J	22 J	350	250 U	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_03	TMW_3_032602_1745	Primary Sample	03/26/2002	50 U	50 U	15 J	140	250 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	4000	100 U	50 U
TMW_03	TMW_3_WG091902_0001	Primary Sample	09/19/2002	8.5 J	10	19	160	50 U	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_04	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_04	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_04	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
TMW_04	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_04	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_04	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_04	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_04	TMW_4_D_012901	Primary Sample	01/29/2001	50 U	50 U	20 J	1200	250 U	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_04	TMW_4_W_012901	Primary Sample	01/29/2001	50 U	50 U	19 J	1100	250 U	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_04	TMW_4_07172001_1007	Primary Sample	07/17/2001	5 U	6.1	12	850	25 U	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_04	TMW4_TAIT032602_0001	Primary Sample	03/26/2002	25 U	25 U	18 J	720	120 U	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
TMW_04	TMW4_TAIT032602_0002	Field Duplicate	03/26/2002	25 U	25 U	16 J	760	120 U	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_04	TMW_4_WG091802_0001	Primary Sample	09/18/2002	5 U	4.4 J	12	660	25 U	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_04	TMW_4_WG032703_0001	Primary Sample	03/27/2003	25 U	9.8 J	25	1200	120 U	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_04	TMW_4_WG092403_0001	Primary Sample	09/24/2003	50 U	50 U	23 J	1400	250 U	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_04	TMW_04_WG032504_0001	Primary Sample	03/25/2004	25 U	25 U	15 J	530	120 U	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_05	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_05	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_05	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_05	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_05	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_05	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_05	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_05	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_05	TMW_5_W_012301	Primary Sample	01/23/2001	50 U	50 U	50 U	460	250 U	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_05	TMW_5_07172001_1005	Primary Sample	07/17/2001	10 U	13	5.8 J	630	50 U	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_05	TMW_5_032602_1712	Primary Sample	03/26/2002	50 U	50 U	50 U	250	250 U	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_05	TMW_5_WG091802_0001	Primary Sample	09/18/2002	25 U	25	9.5 J	640	120 U	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_05	TMW_05_WG032803_0001	Primary Sample	03/28/2003	100 U	100 U	100 U	610	500 U	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_06	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_06	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_06	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
TMW_06	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_06	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_06	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_06	TMW_6_W_012901	Primary Sample	01/29/2001	5 U	5 U	5 U	7	25 U	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_06	TMW_6_07172001_1006	Primary Sample	07/17/2001	1 U	1 U	0.23 J	4.1	5 U	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_06	TMW_6_032602_1105	Primary Sample	03/26/2002	2 U	2 U	2 U	6.3	10 U	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_06	TMW_6_WG091802_0001	Primary Sample	09/18/2002	1 U	1 U	0.38 J	3.4	5 U	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_06	TMW_6_WG032603_0001	Primary Sample	03/26/2003	5 U	5 U	5 U	6	25 U	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_06	TMW_6_WG092403_0001	Primary Sample	09/24/2003	5 U	5 U	5 U	6.2	25 U	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_06	TMW_06_WG032304_0001	Primary Sample	03/23/2004	2.5 U	2.5 U	0.64 J	8.4	12 U	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_07	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_07	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_07	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_07	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_07	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
TMW_07	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_07	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_07	TMW_7_W_012201	Primary Sample	01/22/2001	25 U	25 U	14 J	640	120 U	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_07	TMW_7_07182001_1009	Primary Sample	07/18/2001	5 U	4.8 J	10	560	25 U	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_07	TMW_7_032602_1441	Primary Sample	03/26/2002	25 U	25 U	7.5 J	200	120 U	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_07	TMW_7_WG091802_0001	Primary Sample	09/18/2002	5 U	2.6 J	7.7	390	25 U	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_07	TMW_7_WG032703_0001	Primary Sample	03/27/2003	25 U	25 U	9.7 J	560	120 U	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_07	TMW_7_WG092403_0001	Primary Sample	09/24/2003	50 U	50 U	50 U	520	250 U	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_07	TMW_7_WG092403_0002	Field Duplicate	09/24/2003	50 U	50 U	50 U	530	250 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	1700	100 U	50 U
TMW_07	TMW_07_WG032404_0001	Primary Sample	03/24/2004	25 U	25 U	25 U	360	120 U	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_08	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_08	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_08	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_08	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_08	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_08	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_08	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_08	TMW_8_W_012501	Primary Sample	01/25/2001	50 U	50 U	39 J		250 U	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_08	TMW_8_07182001_1010	Primary Sample	07/18/2001	10 U	6.8 J	35	2200	50 U	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_08	TMW_8_032602_1630	Primary Sample	03/26/2002	50 U	50 U	42 J	3100	250 U	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_08	TMW_08_WG032803_0001	Primary Sample	03/28/2003	50 U	50 U	62	3800	250 U	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_08	TMW_08_WG032504_0001	Primary Sample	03/25/2004	50 U	50 U	42 J	50 U	250 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_09	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_09	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_09	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_09	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_09	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_09	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_09	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_09	TMW_9_W_012901	Primary Sample	01/29/2001	12 U	12 U	12 U	170	62 U	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_09	TMW_9_032602_1220	Primary Sample	03/26/2002	5 U	5 U	5 U	35	25 U	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_09	TMW_9_WG032603_0001	Primary Sample	03/26/2003	25 U	25 U	25 U	240	120 U	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_09	TMW_09_WG032404_0001	Primary Sample	03/24/2004	5 U	5 U	5 U	6.8	25 U	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_10	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	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	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	TMW_10_W_011901	Primary Sample	01/19/2001	12 U	12 U	12 U		62 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	TMW-10-W-05102001	Primary Sample	05/10/2001	1.7	1 U	1 U		5 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_10	TMW_10_07182001_1008	Primary Sample	07/18/2001	1 U	1 U	1 U	1 U	5 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	TMW_10_032102_1320	Primary Sample	03/21/2002	1 U	1 U	1 U	1 U	5 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	TMW_10_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	1 U	5 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	TMW_10_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1 U	1 U	5 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	TMW_10_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	1 U	5 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	TMW_10_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1 U	5 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	TMW_10_WG032204_0002	Field Duplicate	03/22/2004	1 U	1 U	1 U	1 U	5 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_11	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	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
TMW_11	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	TMW_11_W_012401	Primary Sample	01/24/2001	10 U	10 U	10 U	10 U	50 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	TMW_11_07172001_1001	Primary Sample	07/17/2001	2 U	2 U	2 U	2 U	10 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	TMW_11_032202_0915	Primary Sample	03/22/2002	5 U	5 U	5 U	5 U	25 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	TMW_11_WG091702_0001	Primary Sample	09/17/2002	1 U	1 U	1 U	1 U	5 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	TMW_11_WG032603_0001	Primary Sample	03/26/2003	10 U	10 U	10 U	10 U	50 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	TMW_11_WG092303_0001	Primary Sample	09/23/2003	10 U	10 U	10 U	10 U	50 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	TMW_11_WG032304_0001	Primary Sample	03/23/2004	10 U	10 U	10 U	10 U	50 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	TMW_11_WG032304_0002	Field Duplicate	03/23/2004	10 U	10 U	10 U	10 U	50 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_12	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	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_12	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	TMW_12_W_012201	Primary Sample	01/22/2001	25 U	25 U	25 U	18 J	120 U	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	TMW_12_07172001_1003	Primary Sample	07/17/2001	5 U	5 U	5 U	16	25 U	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	TMW_12_032502_1355	Primary Sample	03/25/2002	20 U	20 U	20 U	14 J	100 U	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	TMW_12_WG091802_0001	Primary Sample	09/18/2002	5 U	5 U	5 U	17	25 U	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_13	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	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	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	TMW-13-W-05102001	Primary Sample	05/10/2001	2.6	1 U	1 U		5 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_13	TMW_13_07172001_1004	Primary Sample	07/17/2001	1 U	1 U	1 U	0.39	5 U	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
TMW_13	TMW_13_032202_1335	Primary Sample	03/22/2002	1 U	1 U	1 U	0.31 J	5 U	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_14	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	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_14	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	TMW_14_W_012501	Primary Sample	01/25/2001	1 U	1 U	1 U		5 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	TMW_14_07182001_0001	Primary Sample	07/18/2001	1 U	1 U	1 U	1 U	5 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	TMW_14_07182001_1013	Primary Sample	07/18/2001	1 U	1 U	1 U	1 U	5 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	TMW_14_032202_0815	Primary Sample	03/22/2002	1 U	1 U	1 U	1 U	5 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	TMW_14_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	1 U	5 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	TMW_14_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1 U	1 U	5 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	TMW_14_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	1 U	5 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	TMW_14_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1 U	5 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_15	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	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	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	TMW_15_W_012501	Primary Sample	01/25/2001	1 U	1 U	1 U		5 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	TMW_15_07192001_1014	Primary Sample	07/19/2001	1 U	1 U	1 U	0.58	5 U	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	TMW_15_032202_1005	Primary Sample	03/22/2002	1 U	1 U	1 U	0.69 J	5 U	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	TMW-15_WG091702_0001	Primary Sample	09/17/2002	1 U	1 U	1 U	0.46 J	5 U	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_15	TMW_15_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1 U	0.58 J	5 U	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	TMW_15_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	0.54 J	5 U	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	TMW_15_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1.1	5 U	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_16	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	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_16	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	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	TMW_16_W_012501	Primary Sample	01/25/2001	1 U	1 U	1 U		5 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	TMW_16_032102_1205	Primary Sample	03/21/2002	1 U	1 U	1 U	1 U	5 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	TMW_16_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	1 U	5 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_17	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	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
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
WCC_01D	WCC-1D_W_072589	Primary Sample	07/25/1989	1 U	1 U	1 U	1 U	5 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_01D	WCC-1D_W_082389	Primary Sample	08/23/1989	1		1 U	1 U	5 U		1 U			1 U	1 U			5 U		2	1 U	1 U	2		
WCC_01D	WCC-1D_W_111591	Primary Sample	11/15/1991	8	5 U	5 U	90	10 U	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_01D	WCC-01D_061592DUP	Field Duplicate	06/15/1992	64		25 U	1300	65 U	50 U	25 U			25 U	25 U			50 U			25 U	25 U	210		
WCC_01D	WCC-1D_W_061592	Primary Sample	06/15/1992	64	25 U	25 U	1500	50 U	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_01D	WCC-1D_W_092292	Primary Sample	09/22/1992	8	1 U	1 U	180	5 U	5 U	1 U	1 U	1 U	1 U	2	1 U	1 U	5 U	11	44	1 U	1 U	44	4	
WCC_01D	WCC-01D_120792DUP	Field Duplicate	12/07/1992	160	1 U	1 U	150	5 U	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_01D	WCC-1D_W_120792	Primary Sample	12/07/1992	8	1 U	1 U	160	5 U	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_01D	WCC-1D_W_031693	Primary Sample	03/16/1993	19	2 U	2 U	200	5 U	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_01D	WCC-01D_060893DUP	Field Duplicate	06/08/1993	17	8 U	4 U	480	40 U	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	WCC-1D_W_060893	Primary Sample	06/08/1993	14	20 U	10 U	500	100 U	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_01D	WCC-01D_082493	Primary Sample	08/24/1993	16	4 U	2 U	540	20 U	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	WCC-1D_W_111893	Primary Sample	11/18/1993	16	4 U	2 U	880	20 U	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_01D	WCC-1D_W_022394	Primary Sample	02/23/1994	3	4 U	2 U	140	20 U	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_01D	WCC-1D_W_061094	Primary Sample	06/10/1994	3.7	4 U	2 U	230	20 U	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_01D	WCC-1D_W_090894	Primary Sample	09/08/1994	3.6	4 U	2 U	210	20 U	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_01D	WCC-1D_W_122294	Primary Sample	12/22/1994	10	4 U	2 U	600	20 U	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_01D	WCC-1D_W_031395	Primary Sample	03/13/1995	4 U	8 U	4 U	240	40 U	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_01D	WCC-1D_W_061395	Primary Sample	06/13/1995	2 U	4 U	2 U	170	20 U	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_01D	WCC-1D_W_090395	Primary Sample	09/03/1995	5 U	5 U	5 U	150	10 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	29	5 U	5 U
WCC_01D	WCC-1D_W_121695	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_01D	WCC-01D_022996DUP	Field Duplicate	02/29/1996	5 U	5 U	5 U	5 U	10 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	WCC-1D_W_022996	Primary Sample	02/29/1996	5 U	5 U	5 U	5 U	10 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_01D	WCC-1D_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	5 U	10 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_01D	WCC-01D_091896DUP	Field Duplicate	09/18/1996	0.5 U	1 U	1 U	1 U	10 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	WCC-1D_W_091896	Primary Sample	09/18/1996	1 U	1 U	1 U	1 U	10 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_01D	WCC-1D_W_121896	Primary Sample	12/18/1996	1 U	1 U	1 U	1 U	10 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_01D	WCC-01D_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	1 U	10 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	WCC-01D_070897	Primary Sample	07/08/1997	1 U	1 U	1 U	1 U	10 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	WCC-01D_072397	Primary Sample	07/23/1997	1 U	1 U	1 U	2	10 U	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	WCC-01D_080597	Primary Sample	08/05/1997	1 U	1 U	1 U	3	10 U	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	WCC-01D_082097	Primary Sample	08/20/1997	1 U	1 U	1 U	1 U	10 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	WCC-01D_090497	Primary Sample	09/04/1997	1.2	1 U	1 U	6	10 U	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	WCC-01D_091797	Primary Sample	09/17/1997	1.2	1 U	1 U	6	10 U	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_01S	WCC-1S_W_032787	Primary Sample	03/27/1987	300	50 U	50 U	2800	300 U	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_01S	WCC-1S_W_041387	Primary Sample	04/13/1987	260	50 U	50 U	3700	300 U	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_01S	WCC-1S_W_111287	Primary Sample	11/12/1987	160	20 U	23	3000	100 U	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_01S	WCC-01S_041388DUP	Field Duplicate	04/13/1988	120			2500															3600		
WCC_01S	WCC-1S_W_071389	Primary Sample	07/13/1989	67	20 U	20 U	900	100 U	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_01S	WCC-1S_W_082389	Primary Sample	08/23/1989	30 U		30	1500	200 U		30 U			30 U	41			200 U			30 U	20 U	2800		
WCC_01S	WCC-1S_W_111891	Primary Sample	11/18/1991	250 U	250 U	250 U	1300	500 U	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_01S	WCC-1S_W_061792	Primary Sample	06/17/1992	5 U		5 U	170	10 U	30 U	5 U			5 U	5 U			10 U			5 U	5 U	380		
WCC_01S	WCC-1S_W_092392	Primary Sample	09/23/1992	16	1 U	13	1500	5 U	5 U	37	22	1 U	13	27		1 U	5 U	4	1 U	1	14	3400	1 U	1 U
WCC_01S	WCC-1S_W_120992	Primary Sample	12/09/1992	30 U	30 U	30 U	1500	100 U	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_01S	WCC-1S_W_031693	Primary Sample	03/18/1993	15	2 U	13	1000	5 U	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_01S	WCC-1S_W_060893	Primary Sample	06/08/1993	20 U	20 U	20 U	1200	200 U	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_01S	WCC-01S_082593	Primary Sample	08/25/1993	20 U	40 U	20 U	1700	200 U	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	WCC-1S_W_111993	Primary Sample	11/19/1993	20 U	40 U	20 U	1600	200 U	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_01S	WCC-1S_W_022494	Primary Sample	02/24/1994	300	40 U	20 U	3400	200 U	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_01S	WCC-1S_W_061394	Primary Sample	06/13/1994	11	20 U	11	1000	100 U	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_01S	WCC-1S_W_090994	Primary Sample	09/09/1994	40 U	80 U	40 U	1400	400 U	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_01S	WCC-1S_W_122294	Primary Sample	12/22/1994	24	40 U	23	3000	200 U	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
WCC_01S	WCC-1S_W_031495	Primary Sample	03/14/1995	20 U	40 U	20 U	2000	200 U	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_01S	WCC-1S_W_061395	Primary Sample	06/13/1995	20 U	40 U	20	2700	200 U	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_01S	WCC-1S_W_090795	Primary Sample	09/07/1995	22	5 U	22	1800	10 U	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_01S	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_01S	WCC-1S_W_030496	Primary Sample	03/04/1996	24	20 U	27	3000	40 U	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_01S	WCC-1S_W_060796	Primary Sample	06/07/1996	20	5 U	24	2500	10 U	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_01S	WCC-1S_W_091996	Primary Sample	09/19/1996	50 U	50 U	50 U	3200	500 U	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_01S	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	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	WCC-1S_W_121896	Primary Sample	12/18/1996	50 U	50 U	50 U	2600	500 U	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_01S	WCC-01S_050897	Primary Sample	05/08/1997	50 U	50 U	50 U	3200	500 U	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	WCC-01S_070897	Primary Sample	07/08/1997	50 U	50 U	50 U	3900	500 U	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	WCC-01S_072497	Primary Sample	07/24/1997	50 U	50 U	50 U	2600	500 U	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	WCC-01S_080697	Primary Sample	08/06/1997	50 U	50 U	50 U	3800	500 U	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	WCC-01S_082297	Primary Sample	08/22/1997	50 U	50 U	50 U	3800	500 U	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	WCC-01S_090597	Primary Sample	09/05/1997	50 U	50 U	50 U	3500	500 U	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	WCC-01S_091797	Primary Sample	09/17/1997	50 U	50 U	50 U	3400	500 U	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	WCC-01S_121897DUP	Field Duplicate	12/18/1997	50 U		50 U	2600	500 U		50 U			50 U	50 U			500 U			50 U	50 U	2300		
WCC_02S	WCC-2S_W_110287	Primary Sample	11/02/1987	5	1 U	1 U	5	5 U	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_02S	WCC-2S_W_111287	Primary Sample	11/12/1987	1	1 U	1 U	2	5 U	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_02S	WCC-2S_W_071389	Primary Sample	07/13/1989	1 U	1 U	1 U	1 U	5 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_02S	WCC-2S_W_082389	Primary Sample	08/23/1989	1 U		1 U		5 U		1 U			1 U	1 U			5 U			1 U	1 U	3		
WCC_02S	WCC-2S_W_111991	Primary Sample	11/19/1991	8	5 U	5 U	30	10 U	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_02S	WCC-2S_W_061692	Primary Sample	06/16/1992	5 U	5 U	5 U	30	10 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	100	5 U	5 U
WCC_02S	WCC-02S_092292DUP	Field Duplicate	09/22/1992	1 U	1 U	1 U	19	5 U	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	WCC-2S_W_092292	Primary Sample	09/22/1992	1 U	1 U	1 U	18	5 U	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_02S	WCC-02S_120892DUP	Field Duplicate	12/08/1992	2	1 U	2 U	27	5 U	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	WCC-2S_W_120892	Primary Sample	12/08/1992	2	1 U	1 U	49	5 U	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_02S	WCC-02S_031793DUP	Field Duplicate	03/17/1993	2 U	2 U	2 U	33	5 U	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	WCC-2S_D_031793_1	Primary Sample	03/17/1993	2 U	2 U	2 U	33	5 U	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_02S	WCC-2S_W_031793	Primary Sample	03/17/1993	2 U	2 U	2 U	32	5 U	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_02S	WCC-2S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	48	20 U	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_02S	WCC-02S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	16	20 U	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	WCC-2S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	41	20 U	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_02S	WCC-2S_W_022494	Primary Sample	02/24/1994	2 U	4 U	2 U	30	20 U	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_02S	WCC-2S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	24	20 U	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_02S	WCC-2S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	37	20 U	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_02S	WCC-2S_W_122294	Primary Sample	12/22/1994	2 U	4 U	2 U	28	20 U	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_02S	WCC-2S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	27	20 U	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_02S	WCC-2S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	30	20 U	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_02S	WCC-2S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	56	10 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	200	5 U	5 U
WCC_02S	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_02S	WCC-2S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	5 U	10 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_02S	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_02S	WCC-2S_W_091996	Primary Sample	09/19/1996	1 U	1 U	1 U	23	10 U	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_02S	WCC-2S_W_121896	Primary Sample	12/18/1996	2 U	2 U	2 U	30	20 U	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_02S	WCC-02S_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	12	10 U	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	WCC-02S_050797DUP	Field Duplicate	05/07/1997	1 U	1 U	1 U	11	10 U	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_03D	WCC-3D_W_072589	Primary Sample	07/25/1989	49	1 U	1 U	1 U	5 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_03D	WCC-3D_W_082389	Primary Sample	08/23/1989	32	10 U	10 U	10 U	50 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_03D	WCC-3D_W_111491	Primary Sample	11/14/1991	60	5 U	5 U	20	10 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	5 U
WCC_03D	WCC-3D_W_061692	Primary Sample	06/16/1992	880	5 U	5 U	510	10 U	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_03D	WCC-3D_W_092292	Primary Sample	09/22/1992	27	1 U	1 U	21	5 U	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_03D	WCC-3D_W_120792	Primary Sample	12/07/1992	130	1 U	1 U	120	5 U	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_03D	WCC-03D_031693DUP	Field Duplicate	03/16/1993	2000	2 U	6	1000	5 U	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	WCC-3D_D_031693_1	Primary Sample	03/16/1993	500	2 U	6	500	5 U	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

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	4-Methyl-2-pentanone 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	Tetra- chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_03D	WCC-3D_W_031693	Primary Sample	03/16/1993	2000	2 U	6	950	5 U	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_03D	WCC-3D_W_060893	Primary Sample	06/08/1993	110	4 U	2 U	110	20 U	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_03D	WCC-03D_082493	Primary Sample	08/24/1993	100	4 U	2 U	120	20 U	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	WCC-03D_111893DUP	Field Duplicate	11/18/1993	640	8 U	4 U	840	40 U	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_03D	WCC-3D_W_111893	Primary Sample	11/18/1993	410	4 U	2 U	610	20 U	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_03D	WCC-03D_022394DUP	Field Duplicate	02/23/1994	530		4 U	370	40 U		4 U			4 U	4 U			80 U			12	4 U	23		
WCC_03D	WCC-3D_W_022394	Primary Sample	02/23/1994	530	8 U	4 U	370	40 U	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_03D	WCC-3D_W_061394	Primary Sample	06/13/1994	1300	20 U	10 U	720	100 U	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_03D	WCC-3D_W_090994	Primary Sample	09/09/1994	5600	100 U	50 U	3700	500 U	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_03D	WCC-3D_W_122194	Primary Sample	12/21/1994	6300	29	4 U	5200	40 U	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
WCC_03D	WCC-03D_031495DUP	Field Duplicate	03/14/1995	3900	40 U	20 U	3200	200 U	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	WCC-3D_W_031495	Primary Sample	03/14/1995	4000	80 U	40 U	3300	400 U	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_03D	WCC-3D_W_061395	Primary Sample	06/13/1995	2100	20 U	10 U	1800	100 U	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_03D	WCC-3D_W_090795	Primary Sample	09/07/1995	4100	35	13	3400	170	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_03D	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_03D	WCC-3D_W_030496	Primary Sample	03/04/1996	40	5 U	5 U	53	10 U	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_03D	WCC-3D_W_060796	Primary Sample	06/07/1996	59	5 U	5 U	84	10 U	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_03D	WCC-3D_W_091996	Primary Sample	09/19/1996	24	1 U	1 U	52	10 U	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_03D	WCC-3D_W_121996	Primary Sample	12/19/1996	67	2.5 U	2.5	97	10 U	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_03D	WCC-03D_050897	Primary Sample	05/08/1997	11	1 U	1 U	43	10 U	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	WCC-03D_070897	Primary Sample	07/08/1997	15	1 U	1 U	70	10 U	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	WCC-03D_070897DUP	Field Duplicate	07/08/1997	5.9	1 U	1 U	30	10 U	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	WCC-03D_072497	Primary Sample	07/24/1997	7.9	1 U	1 U	55	10 U	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	WCC-03D_080697	Primary Sample	08/06/1997	8.8	1 U	1 U	34	10 U	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	WCC-03D_080697DUP	Field Duplicate	08/06/1997	8.6	1 U	1 U	34	10 U	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	WCC-03D_082297	Primary Sample	08/22/1997	21	1 U	1 U	61	10 U	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	WCC-03D_082297DUP	Field Duplicate	08/22/1997	22	1 U	1 U	60	10 U	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	WCC-03D_090597	Primary Sample	09/05/1997	15	1 U	1 U	53	10 U	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	WCC-03D_090597DUP	Field Duplicate	09/05/1997	14	1 U	1 U	48	10 U	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	WCC-03D_091897	Primary Sample	09/18/1997	18	1 U	1 U	35	10 U	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	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	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	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	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	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	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	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	WCC_3D_W_020301	Primary Sample	02/03/2001	58	2 U	2 U	47	10 U	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	WCC_3D_032102_1605	Primary Sample	03/21/2002	6.7	1 U	1 U	8.7	5 U	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_03S	WCC-3S_W_110287	Primary Sample	11/02/1987	110000	1000 U	1000 U	38000	5000 U	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_03S	WCC-03S_111287	Primary Sample	11/12/1987	54000		1000	88000	70000												140000	1000	11000		
WCC_03S	WCC-3S_W_111387	Primary Sample	11/13/1987	54000	1000 U	1000	88000	70000	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_03S	WCC-03S_071389	Primary Sample	07/13/1989	56000		500 U	18000	3000 U		500 U			500 U	500 U						32000	660	7700		
WCC_03S	WCC-3S_W_072589	Primary Sample	07/25/1989	56000	550	500 U	18000	3000 U	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_03S	WCC-3S_W_082389	Primary Sample	08/23/1989	78000	1000 U	1000 U	56000	5000 U	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_03S	WCC-3S_W_111491	Primary Sample	11/14/1991	6900	1250 U	1250 U	12000	2500 U	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_03S	WCC-3S_W_061792	Primary Sample	06/17/1992	13	5 U	5 U	25	100	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_03S	WCC-3S_W_092292	Primary Sample	09/22/1992	7800	500 U	500 U	22000	82000	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_03S	WCC-03S_092392	Primary Sample	09/23/1992	7800	500 U	500 U	22000	82000	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	WCC-03S_120992	Primary Sample	12/09/1992	5600	500 U	500 U	21000	90000	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_03S	WCC-3S_W_121092	Primary Sample	12/10/1992	5600	500 U	500 U	21000	90000	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_03S	WCC-03S_031893DUP	Field Duplicate	03/18/1993	22000	60	510	20000	45000	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	WCC-3S_D_031893_1	Primary Sample	03/18/1993	22000	60	510	20000	45000	50 U	260	25 U	25 U	110	640		10 U	50 U	50 U	10 U	42000	670	8800	25 U	110
WCC_03S	WCC-3S_D_031893_2	Primary Sample	03/18/1993	4000	60	510	4000	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_03S	WCC-3S_D_031893_3	Primary Sample	03/18/1993	22000	500 U	510	20000	45000	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_03S	WCC-3S_W_031893	Primary Sample	03/18/1993	21000	500 U	500 U	20000	44000	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_03S	WCC-3S_W_060893	Primary Sample	06/08/1993	5900	200 U	420	16000	79000	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_03S	WCC-03S_082593	Primary Sample	08/25/1993	10000	800 U	500	21000	50000	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	WCC-03S_082593DUP	Field Duplicate	08/25/1993	9500	52	560	20000	49000	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	WCC-3S_W_111993	Primary Sample	11/19/1993	19000	400 U	690	26000	47000	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_03S	WCC-3S_W_022494	Primary Sample	02/24/1994	9600	400 U	310	15000	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_03S	WCC-3S_W_061394	Primary Sample	06/13/1994	6200	400 U	310	13000	9900	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_03S	WCC-03S_090994DUP	Field Duplicate	09/09/1994	98000		560	25000	5000		500 U			500 U	8400			10000 U			47000	640	500 U		
WCC_03S	WCC-3S_W_090994	Primary Sample	09/09/1994	9000	400 U	520	23000	6000	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_03S	WCC-3S_W_122294	Primary Sample	12/22/1994	6700	400 U	440	20000	3400	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
WCC_03S	WCC-3S_W_031495	Primary Sample	03/14/1995	8700	400 U	570	24000	4600	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_03S	WCC-3S_W_061395	Primary Sample	06/13/1995	4800	800 U	450	22000	6600	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_03S	WCC-3S_W_090795	Primary Sample	09/07/1995	4100	64	480	13000	4600	39	220	10 U	5 U	76	6000		18	200 U	23	5 U	31000	520	910	5 U	137
WCC_03S	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_03S	WCC-3S_W_030496	Primary Sample	03/04/1996	1900	50 U	230	8400	200	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_03S	WCC-3S_W_060796	Primary Sample	06/07/1996	2400	12	310	11000	61	19	110	5 U	5 U	38	3400		7	32	13	5 U	18000	340	240	5 U	53
WCC_03S	WCC-3S_W_091996	Primary Sample	09/19/1996	3500	500 U	600	20000	5000 U	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_03S	WCC-3S_W_121996	Primary Sample	12/19/1996	2300	250 U	380	16000	2500 U	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

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	4-Methyl-2-pentanone 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	Tetra- chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_03S	WCC-03S_050897	Primary Sample	05/08/1997	470	120 U	140	6300	1200 U	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	WCC-03S_050897DUP	Field Duplicate	05/08/1997	520		250 U	6200	2500 U		250 U			50 U	2000			2500 U			9100	250 U	250 U		
WCC_03S	WCC-03S_070897	Primary Sample	07/08/1997	1100	250 U	250 U	9200	2500 U	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	WCC-03S_072497	Primary Sample	07/24/1997	1900	250 U	350	14000	2500 U	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	WCC-03S_080697	Primary Sample	08/06/1997	1500	250 U	310	12000	2500 U	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	WCC-03S_082297	Primary Sample	08/22/1997	2200	250 U	410	16000	2500 U	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	WCC-03S_090597	Primary Sample	09/05/1997	1600	250 U	350	13000	2500 U	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	WCC-03S_091897	Primary Sample	09/18/1997	1500	250 U	300	12000	2500 U	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	WCC-03S_091897DUP	Field Duplicate	09/18/1997	1600	250 U	300	13000	2500 U	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	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	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	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	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	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	840	770	125 U	250 U
WCC_03S	WCC_3S_W_020301	Primary Sample	02/03/2001	1100	500 U	550	17000	3100	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	WCC_3S_07192001_0003	Field Duplicate	07/19/2001	2200	200 U	820	34000	6400	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_03S	WCC_3S_07192001_1016	Primary Sample	07/19/2001	2200	200 U	840	32000	6100	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_03S	WCC_3S_032502_1250	Primary Sample	03/25/2002	670	620 U	440 J	16000	3100 U	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_03S	WCC_03S_WG032703_0001	Primary Sample	03/27/2003	96 J	100 U	75 J	4000	500 U	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_03S	WCC_03S_WG032404_0001	Primary Sample	03/24/2004	140 J	500 U	220 J	10000	2500 U	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_04S	WCC-04S_110287	Primary Sample	11/02/1987	14			360						2								2	700		
WCC_04S	WCC-04S_111287	Primary Sample	11/12/1987	35			1200															690		
WCC_04S	WCC-04S_071389	Primary Sample	07/13/1989	11		3 U	170			3 U			3 U	10						3 U	3 U	270		
WCC_04S	WCC-04S_082389	Primary Sample	08/23/1989	7		5 U	360	20 U		5 U			5 U	15						5 U	5 U	410		
WCC_04S	WCC-04S_111891	Primary Sample	11/18/1991	20			1000	30 U														2200		
WCC_04S	WCC-04S_061792	Primary Sample	06/17/1992	25 U		25 U	920	50 U	150 U	25 U			25 U	25 U			50 U			25 U	25 U	1500		
WCC_04S	WCC-04S_092392	Primary Sample	09/23/1992	20	10 U	10 U	1400	50 U	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	WCC-04S_120892	Primary Sample	12/08/1992	20	10 U	10 U	1000	50 U	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	WCC-04S_031793	Primary Sample	03/17/1993	14	2 U	8	810	5 U	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	WCC-04S_060893	Primary Sample	06/08/1993	12	20 U	10 U	1300	100 U	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	WCC-04S_082593	Primary Sample	08/25/1993	10 U	20 U	10 U	1100	100 U	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	WCC-04S_111993	Primary Sample	11/19/1993	8	8 U	17	610	40 U	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	WCC-04S_022494	Primary Sample	02/24/1994	8.8	8 U	5.8	1100	40 U	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	WCC-04S_061494	Primary Sample	06/14/1994	5.1	8 U	4 U	800	40 U	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	WCC-04S_090994	Primary Sample	09/09/1994	20 U	40 U	20 U	1000	200 U	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	WCC-04S_122294	Primary Sample	12/22/1994	10 U	20 U	10 U	670	100 U	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_04S	WCC-04S_031495	Primary Sample	03/14/1995	4.9	8 U	9.8	400	40 U	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	WCC-04S_061395	Primary Sample	06/13/1995	6.6 U	13 U	8.6	1100	66 U	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	WCC-04S_090795	Primary Sample	09/07/1995	6.4	5 U	8.1	910	10 U	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	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	WCC-4S_W_030496	Primary Sample	03/04/1996		5 U	5 U	710	10 U	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_04S	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_04S	WCC-4S_W_091996	Primary Sample	09/19/1996	25 U	25 U	25 U	980	250 U	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_04S	WCC-4S_W_121896	Primary Sample	12/18/1996		25 U	25 U	780	250 U	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_04S	WCC-04S_050897	Primary Sample	05/08/1997	12 U	12 U	12 U	1000	120 U	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	WCC-04S_070897	Primary Sample	07/08/1997	25 U	25 U	25 U	1300	250 U	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	WCC-04S_072497	Primary Sample	07/24/1997	25 U	25 U	25 U	940	250 U	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	WCC-04S_080697	Primary Sample	08/06/1997	25 U	25 U	25 U	1000	250 U	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	WCC-04S_082297	Primary Sample	08/22/1997	25 U	25 U	25 U	1200	250 U	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	WCC-04S_090597	Primary Sample	09/05/1997	25 U	25 U	25 U	1100	250 U	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	WCC-04S_091797	Primary Sample	09/17/1997	25 U	25 U	25 U	960	250 U	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	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	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	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	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	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	WCC_4S_W_012401	Primary Sample	01/24/2001	50 U	50 U	50 U	2000	250 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	15 J	1100	100 U	50 U
WCC_04S	WCC_4S_032602_1315	Primary Sample	03/26/2002	25 U	25 U	25 U	1600	120 U	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_04S	WCC_04S_WG032404_0001	Primary Sample	03/24/2004	10 U	10 U	2.6 J	500	50 U	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_05S	WCC-05S_113087	Primary Sample	11/30/1987	1			7													1				
WCC_05S	WCC-05S_010888	Primary Sample	01/08/1988	10			4																	
WCC_05S	WCC-05S_071389DUP	Field Duplicate	07/13/1989	12		1 U	3	1 U		1 U			1 U	6						1 U	1 U	5 U		
WCC_05S	WCC-5S_W_071389	Primary Sample	07/13/1989	13	1 U	1 U	3	5 U	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_05S	WCC-5S_W_082389	Primary Sample	08/23/1989	12	1 U	1 U	1 U	5 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_05S	WCC-5S_W_111991	Primary Sample	11/19/1991	5 U	5 U	5 U	20	10 U	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_05S	WCC-5S_W_061592	Primary Sample	06/15/1992	5 U	5 U	5 U	28	10 U	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_05S	WCC-5S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	21	5 U	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_05S	WCC-5S_W_120792	Primary Sample	12/07/1992	1 U	1 U	1 U	21	5 U	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_05S	WCC-5S_W_031693	Primary Sample	03/16/1993	2 U	2 U	2 U	18	5 U	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_05S	WCC-5S_W_060793	Primary Sample	06/07/1993	2 U	2 U	2 U	22	20 U	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_05S	WCC-05S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	23	20 U	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	WCC-5S_W_111893	Primary Sample	11/18/1993	2 U	4 U	2 U	21	20 U	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

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	4-Methyl-2-pentanone 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	Tetra- chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_05S	WCC-5S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	20	20 U	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_05S	WCC-05S_061094DUP	Field Duplicate	06/10/1994	2 U	4 U	2 U	25	20 U	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	WCC-5S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	25	20 U	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_05S	WCC-5S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	18	20 U	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_05S	WCC-5S_W_122194	Primary Sample	12/21/1994	2 U	4 U	2 U	18	20 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	2.9	2 U	4 U
WCC_05S	WCC-5S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	14	20 U	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_05S	WCC-5S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	19	20 U	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_05S	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_05S	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_05S	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
WCC_05S	WCC-5S_W_022996	Primary Sample	02/29/1996	5 U	5 U	5 U	10	10 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_05S	WCC-5S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	9	10 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_05S	WCC-5S_W_091896	Primary Sample	09/18/1996	1 U	1 U	1 U	10	10 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	3.1	1 U	1 U
WCC_05S	WCC-5S_W_121796	Primary Sample	12/17/1996	1 U	1 U	1 U	10	10 U	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_05S	WCC-05S_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	10	10 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	3.1	1 U	1 U
WCC_05S	WCC-05S_070297	Primary Sample	07/02/1997	1 U	1 U	1 U	11	10 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	2.1	1 U	1 U
WCC_05S	WCC-05S_072397	Primary Sample	07/23/1997	1 U	1 U	1 U	12	10 U	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	WCC-05S_080597	Primary Sample	08/05/1997	1.2	1 U	1 U	18	10 U	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	WCC-05S_082097	Primary Sample	08/20/1997	1 U	1 U	1 U	12	10 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	2.1	1 U	1 U
WCC_05S	WCC-05S_090497	Primary Sample	09/04/1997	1.6	1 U	1 U	19	10 U	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	WCC-05S_091697	Primary Sample	09/16/1997	1.8	1 U	1 U	19	10 U	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	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	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	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	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	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	WCC_5S_W_012301	Primary Sample	01/23/2001	1 U	1 U	1 U	5.4	5 U	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_05S	WCC_5S_032102_1055	Primary Sample	03/21/2002	1 U	1 U	1 U	6.2	5 U	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_05S	WCC_5S_WG091602_0001	Primary Sample	09/16/2002	1 U	1 U	1 U	5.8	5 U	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_05S	WCC_5S_WG032503_0001	Primary Sample	03/25/2003	1 U	1 U	1.6	7.4	5 U	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_05S	WCC_5S_WG092303_0001	Primary Sample	09/23/2003	1 U	1 U	1 U	4.7	5 U	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	WCC_05S_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	5.9	5 U	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_06S	WCC-6S_W_100689	Primary Sample	10/06/1989	130	4	4	210	5 U	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_06S	WCC-6S_W_111691	Primary Sample	11/16/1991	5000	1000 U	1000 U	5800	17000	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_06S	WCC-6S_W_061792	Primary Sample	06/17/1992	2100	500 U	500 U	5400	7600	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_06S	WCC-6S_W_092392	Primary Sample	09/23/1992	1300	96	94	5900	7500	78	67	1 U	1 U	20	200		5	3600	5	1 U	10000	170	3100	1 U	26
WCC_06S	WCC-06S_120992DUP	Field Duplicate	12/09/1992	1400	100	100 U	5600	500 U	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	WCC-6S_W_120992	Primary Sample	12/09/1992	680	60	80	3700	3400	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_06S	WCC-6S_W_031793	Primary Sample	03/17/1993	1200	10 U	50	3200	3900	50 U	40	25 U	25 U	15	10 U		10 U	3800	50 U	10 U	10000	80	1400	25 U	20
WCC_06S	WCC-6S_W_060893	Primary Sample	06/08/1993	1900	100 U	100 U	5500	13000	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_06S	WCC-06S_082593	Primary Sample	08/25/1993	2100	200 U	100 U	5400	11000	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	WCC-6S_W_111993	Primary Sample	11/19/1993	440	10 U	42	2200	4700	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_06S	WCC-6S_W_022494	Primary Sample	02/24/1994	2200	74	91	11000	13000	230	52	10 U	10 U	21	1400		10 U	4400	50 U	10	20000	140	1800	10 U	58
WCC_06S	WCC-06S_061394DUP	Field Duplicate	06/13/1994	1500	200 U	100 U	6300	5200	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	WCC-6S_W_061394	Primary Sample	06/13/1994	1900	69	87	5800	5200	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_06S	WCC-6S_W_122294	Primary Sample	12/22/1994	1300	200 U	200 U	9100	4800	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_06S	WCC-6S_W_031495	Primary Sample	03/14/1995	200	20 U	38	3000	390	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_06S	WCC-6S_W_061395	Primary Sample	06/13/1995	810	60	130	9800	450	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_06S	WCC-06S_090795DUP	Field Duplicate	09/07/1995	310	1	70	3800	180	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	WCC-6S_W_090795	Primary Sample	09/07/1995	370	48	55	4300	240	10 U	50	5 U	5 U	14	2400		5 U	12	5 U	5 U	2900	83	620	5 U	21
WCC_06S	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_06S	WCC-6S_W_030496	Primary Sample	03/04/1996	1600	61	93	8300	350	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_06S	WCC-6S_W_060796	Primary Sample	06/07/1996	1700	53	88	9300	780	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_06S	WCC-06S_091996DUP	Field Duplicate	09/19/1996	950	100 U	110	8800	100 U	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	WCC-6S_W_091996	Primary Sample	09/19/1996	890	250 U	250 U	8800	2500 U	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_06S	WCC-06S_121996DUP	Field Duplicate	12/19/1996	820	100 U	100 U	8300	1000 U	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_06S	WCC-6S_W_121996	Primary Sample	12/19/1996	680	100 U	100 U	7000	1000 U	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_06S	WCC-06S_050997	Primary Sample	05/09/1997	720	100 U	100 U	6800	1000 U	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	WCC-06S_050997DUP	Field Duplicate	05/09/1997	740	100 U	100 U	7000	1000 U	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	WCC-06S_070897	Primary Sample	07/08/1997	410	100 U	100 U	3600	1000 U	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	WCC-06S_072497	Primary Sample	07/24/1997	320	100 U	100 U	2700	1000 U	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	WCC-06S_080697	Primary Sample	08/06/1997	630	100 U	100 U	7700	1000 U	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	WCC-06S_091897	Primary Sample	09/18/1997	500	100 U	100 U	5500	1000 U	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	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	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	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	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	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	WCC_6S_W_012201	Primary Sample	01/22/2001	770	100 U	79 J	4600	500 U	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_06S	WCC_6S_07192001_1017	Primary Sample	07/19/2001	540	14	74		25 U	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_06S	WCC_6S_032602_1550	Primary Sample	03/26/2002	780	120 U	190	10000	620 U	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_06S	WCC_6S_WG032503_0001	Primary Sample	03/25/2003	210	120 U	230	9400	620 U	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	WCC_06S_WG032404_0001	Primary Sample	03/24/2004	36 J	100 U	140	5100	500 U	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

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	4-Methyl-2-pentanone 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	Tetra- chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_07S	WCC-7S_W_071389	Primary Sample	07/13/1989	110		10 U	850	50 U		10 U			10 U	26			50 U			10 U	11	1300		
WCC_07S	WCC-7S_W_082389	Primary Sample	08/23/1989	66		30 U	1100	100 U		30 U			30 U	31			100 U			30 U	30 U	1400		
WCC_07S	WCC-7S_W_111891	Primary Sample	11/18/1991	50 U	50 U	50 U	390	100 U	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_07S	WCC-7S_W_061792	Primary Sample	06/17/1992	5 U	5 U	5 U	230	10 U	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_07S	WCC-7S_W_092392	Primary Sample	09/23/1992	5 U	5 U	5 U	140	30 U	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_07S	WCC-7S_W_120892	Primary Sample	12/08/1992	5 U	5 U	5 U	140	30 U	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_07S	WCC-7S_W_031793	Primary Sample	03/17/1993	2 U	2 U	2 U	77	5 U	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_07S	WCC-7S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	120	20 U	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_07S	WCC-07S_082593	Primary Sample	08/25/1993	4 U	8 U	4 U	70	40 U	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	WCC-7S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	56	20 U	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_07S	WCC-7S_W_022494	Primary Sample	02/24/1994	2 U	4 U	2 U	75	20 U	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_07S	WCC-7S_W_061394	Primary Sample	06/13/1994	2 U	4 U	2 U	58	20 U	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_07S	WCC-7S_W_090894	Primary Sample	09/08/1994	2 U	4 U	13	50	20 U	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_07S	WCC-7S_W_122294	Primary Sample	12/22/1994	2 U	4 U	2 U	94	20 U	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_07S	WCC-7S_W_031495	Primary Sample	03/14/1995	2 U	4 U	2 U	53	20 U	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_07S	WCC-07S_061395DUP	Field Duplicate	06/13/1995	2 U	4 U	2 U	98	20 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	220	2 U	4 U
WCC_07S	WCC-7S_W_061395	Primary Sample	06/13/1995	2 U	4 U	2 U	110	20 U	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_07S	WCC-7S_W_090795	Primary Sample	09/07/1995	5 U	5 U	5 U	150	10 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	200	5 U	5 U
WCC_07S	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_07S	WCC-7S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	91	10 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	120	5 U	5 U
WCC_07S	WCC-7S_W_060796	Primary Sample	06/07/1996	5 U	5 U	5 U	100	10 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	130	5 U	5 U
WCC_07S	WCC-7S_W_091996	Primary Sample	09/19/1996	2 U	2 U	2 U	120	20 U	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_07S	WCC-7S_W_121896	Primary Sample	12/18/1996	2 U	2 U	2 U	99	20 U	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_07S	WCC-07S_050897	Primary Sample	05/08/1997	2.5 U	2.5 U	2.5 U	120	25 U	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	WCC-07S_070297	Primary Sample	07/02/1997	2 U	2 U	2 U	130	20 U	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	WCC-07S_072497	Primary Sample	07/24/1997	2 U	2 U	2 U	67	20 U	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	WCC-07S_080697	Primary Sample	08/06/1997	2 U	2 U	2 U	130	20 U	20 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	18	2 U	160	2 U	2 U
WCC_07S	WCC-07S_082197	Primary Sample	08/21/1997	2 U	2 U	2 U	120	20 U	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	WCC-07S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	3.1	120	25 U	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	WCC-07S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	110	25 U	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	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	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_07S	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	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	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	WCC_7S_D_012401	Primary Sample	01/24/2001	2.5 U	1.3 J	2.5 U	130	12 U	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_07S	WCC_7S_W_012401	Primary Sample	01/24/2001	5 U	5 U	5 U	200	25 U	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_07S	WCC_7S_032502_1135	Primary Sample	03/25/2002	2 U	1.5 J	0.87 J	120	10 U	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_07S	WCC_7S_WG032803_0001	Primary Sample	03/28/2003	2.5 U	1.4 J	1 J	170	12 U	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_08S	WCC-8S_W_071389	Primary Sample	07/13/1989	160	5 U	5 U	430	30 U	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_08S	WCC-8S_W_082389	Primary Sample	08/23/1989	130	5 U	5 U	820	30 U	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_08S	WCC-8S_W_111591	Primary Sample	11/15/1991	400	125 U	125 U	2600	250 U	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_08S	WCC-08S_061792DUP	Field Duplicate	06/17/1992	180		50 U	2300	100 U	300 U	50 U			50 U	50 U			100 U			50 U	50 U	2600		
WCC_08S	WCC-8S_W_061792	Primary Sample	06/17/1992	180	25 U	25 U	2200	50 U	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_08S	WCC-8S_W_092392	Primary Sample	09/23/1992	200	20 U	20 U	2800	100 U	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_08S	WCC-8S_W_120892	Primary Sample	12/08/1992	100	20 U	20 U	2000	100 U	100 U	20	20	20 U	20	20		20 U	100 U	30	20 U	20 U	30	2500	20 U	20 U
WCC_08S	WCC-8S_W_031793	Primary Sample	03/17/1993	180	2 U	11	1800	5 U	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_08S	WCC-8S_W_060893	Primary Sample	06/08/1993	300	40 U	20 U	3000	200 U	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_08S	WCC-08S_082593	Primary Sample	08/25/1993	330	40 U	20 U	3100	200 U	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	WCC-8S_W_111993	Primary Sample	11/19/1993	330	40 U	20 U	3300	200 U	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_08S	WCC-8S_W_022494	Primary Sample	02/24/1994	20 U	40 U	20 U	1800	200 U	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_08S	WCC-8S_W_061394	Primary Sample	06/13/1994	290	80 U	40 U	4100	400 U	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_08S	WCC-8S_W_090994	Primary Sample	09/09/1994	280	100 U	50 U	4600	500 U	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_08S	WCC-8S_W_122294	Primary Sample	12/22/1994	230	80 U	20 U	4000	200 U	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_08S	WCC-8S_W_031495	Primary Sample	03/14/1995	220	80 U	40 U	4500	400 U	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_08S	WCC-8S_W_061395	Primary Sample	06/13/1995	150	40 U	40 U	4200	400 U	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_08S	WCC-8S_W_090795	Primary Sample	09/07/1995	110	5 U	10	2200	10 U	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_08S	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_08S	WCC-08S_030196DUP	Field Duplicate	03/01/1996	120	20 U	20 U	3600	40 U	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	WCC-8S_W_030196	Primary Sample	03/01/1996	120	20 U	20 U	3500	40 U	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_08S	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_08S	WCC-8S_W_091996	Primary Sample	09/19/1996	59	50 U	50 U	3400	500 U	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_08S	WCC-08S_111996	Primary Sample	11/19/1996	330	40 U	20 U	3300	200 U	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_08S	WCC-8S_W_121896	Primary Sample	12/18/1996	61	50 U	50 U	3000	500 U	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_08S	WCC-08S_050897	Primary Sample	05/08/1997	50 U	50 U	50 U	2600	500 U	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	WCC-08S_070897	Primary Sample	07/08/1997	50 U	50 U	50 U	3200	500 U	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	WCC-08S_072497	Primary Sample	07/24/1997	50 U	50 U	50 U	2500	500 U	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	WCC-08S_080697	Primary Sample	08/06/1997	2.5 U	2.5 U	2.5 U	130	25 U	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	18	2.5 U	160	2.5 U	2.5 U
WCC_08S	WCC-08S_082297	Primary Sample	08/22/1997	50 U	50 U	50 U	2800	500 U	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	WCC-08S_090597	Primary Sample	09/05/1997	50 U	50 U	50 U	2500	500 U	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	WCC-08S_091797	Primary Sample	09/17/1997	50 U	50 U	50 U	2600	500 U	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_09S	WCC-9S_W_100689	Primary Sample	10/06/1989	1 U	1 U	1 U	1 U	5 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_09S	WCC-9S_W_111991	Primary Sample	11/19/1991	5 U	5 U	5 U	5 U	10 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_09S	WCC-9S_W_061592	Primary Sample	06/15/1992	5 U	5 U	5 U	7	10 U	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_09S	WCC-9S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	6	5 U	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_09S	WCC-9S_W_120792	Primary Sample	12/07/1992	1 U	1 U	1 U	10	5 U	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_09S	WCC-9S_W_031693	Primary Sample	03/16/1993	2 U	2 U	5 U	6	5 U	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_09S	WCC-09S_060793DUP	Field Duplicate	06/07/1993	2 U	4 U	2 U	11	20 U	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	WCC-9S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	11	20 U	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_09S	WCC-09S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	5	20 U	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	WCC-9S_W_111893	Primary Sample	11/18/1993	2 U	4 U	2 U	5	20 U	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_09S	WCC-9S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	4 U	20 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_09S	WCC-9S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	4 U	20 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_09S	WCC-9S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	4 U	20 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_09S	WCC-09S_122194DUP	Field Duplicate	12/21/1994	2 U	4 U	2 U	4 U	20 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_09S	WCC-9S_W_122194	Primary Sample	12/21/1994	2 U	4 U	2 U	4 U	20 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
WCC_09S	WCC-9S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	7	20 U	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_09S	WCC-09S_061295DUP	Field Duplicate	06/12/1995	2 U	4 U	2 U	4 U	20 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	WCC-9S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	4 U	20 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_09S	WCC-9S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	11	10 U	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_09S	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_09S	WCC-9S_W_022996	Primary Sample	02/29/1996	5 U	5 U	5 U	5 U	10 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_09S	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_09S	WCC-9S_W_091896	Primary Sample	09/18/1996	1 U	1 U	1 U	2.2	10 U	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_09S	WCC-9S_W_121796	Primary Sample	12/17/1996	1 U	1 U	1 U	2.8	10 U	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_09S	WCC-09S_050797	Primary Sample	05/07/1997	1 U	1 U	1 U	2	10 U	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	WCC-09S_070297	Primary Sample	07/02/1997	1 U	1 U	1 U	4	10 U	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	WCC-09S_072397	Primary Sample	07/23/1997	1 U	1 U	1 U	8	10 U	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	WCC-09S_080597	Primary Sample	08/05/1997	1 U	1 U	1 U	10	10 U	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	WCC-09S_080597DUP	Field Duplicate	08/05/1997	1 U	1 U	1 U	4	10 U	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	WCC-09S_082097	Primary Sample	08/20/1997	1 U	1 U	1 U	6	10 U	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	WCC-09S_090497	Primary Sample	09/04/1997	1 U	1 U	1 U	10	10 U	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	WCC-09S_091697	Primary Sample	09/16/1997	1 U	1 U	1.3	10	10 U	10 U	1 U	5 U	1 U	1 U	2.4	1 U	1 U	10 U	1 U	1 U	29	8.1	58	1 U	1 U
WCC_09S	WCC-09S_091697DUP	Field Duplicate	09/16/1997	1.4	1 U	1 U	11	10 U	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	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	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	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	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	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	WCC_9S_W_011901	Primary Sample	01/19/2001	1 U	1 U	1.3		5 U	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_09S	WCC_9S_032202_1440	Primary Sample	03/22/2002	1 U	1 U	1.4	5.3	5 U	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_09S	WCC_9S_WG032603_0001	Primary Sample	03/26/2003	1 U	1 U	1.1	3.7	5 U	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	WCC_09S_WG032304_0001	Primary Sample	03/23/2004	1 U	1 U	1.9	4.5	5 U	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_10S	WCC-10S_071389DUP	Field Duplicate	07/13/1989	1 U		1 U	1	0.5		1 U			3	1 U						1 U	1 U	87		
WCC_10S	WCC-10S_W_071389	Primary Sample	07/13/1989	1 U		1 U	2	5 U		1 U			3	1 U			5 U			1 U	1 U	86		
WCC_10S	WCC-10S_W_082389	Primary Sample	08/23/1989	1 U		1 U	4	5		1 U			4	1 U			5 U			1 U	1 U	81		
WCC_10S	WCC-10S_W_112091	Primary Sample	11/20/1991														10 U					87		
WCC_10S	WCC-10S_W_061692	Primary Sample	06/16/1992	5 U		5 U	10	10 U	35	5 U			5 U	5 U			10 U			5 U	5 U	120		
WCC_10S	WCC-10S_092192DUP	Field Duplicate	09/21/1992	1 U	1 U	1 U	9	5 U	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	WCC-10S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	9	5 U	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	WCC-10S_W_120892	Primary Sample	12/08/1992	1 U	1 U	1 U	8	5 U	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	WCC-10S_W_031693	Primary Sample	03/16/1993	5 U	5 U	5 U	9	5 U	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	WCC-10S_W_060793	Primary Sample	06/07/1993	2 U	2 U	2 U	13	20 U	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	WCC-10S_082593	Primary Sample	08/25/1993	2 U	4 U	2 U	4 U	20 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	WCC-10S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	9	20 U	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	WCC-10S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	10	20 U	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	WCC-10S_W_061094	Primary Sample	06/10/1994	2 U	4 U	2 U	17	20 U	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	WCC-10S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	17	20 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	130	2 U	2 U
WCC_10S	WCC-10S_122294DUP	Field Duplicate	12/22/1994	2 U	4 U	2 U	14	20 U	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	WCC-10S_W_122294	Primary Sample	12/22/1994	2 U	4 U	2 U	14	20 U	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_10S	WCC-10S_031395DUP	Field Duplicate	03/13/1995	2 U	4 U	2 U	19	20 U	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	WCC-10S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	19	20 U	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	WCC-10S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	20	20 U	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	WCC-10S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	27	10 U	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	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	WCC-10S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	20	10 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	120	5 U	5 U
WCC_10S	WCC-10S_W_060696	Primary Sample	06/06/1996	5 U	5 U	5 U	22	10 U	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	WCC-10S_W_091996	Primary Sample	09/19/1996	2 U	2 U	22	5 U	5 U	20 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	WCC-10S_050797	Primary Sample	05/07/1997	2.5 U	2.5 U	2.5 U	29	25 U	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	WCC-10S_070297	Primary Sample	07/02/1997	2 U	2 U	2 U	25	20 U	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	WCC-10S_072397	Primary Sample	07/23/1997	2 U	2 U	2 U	26	20 U	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	WCC-10S_072397DUP	Field Duplicate	07/23/1997	2 U	2 U	2 U	26	20 U	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	WCC-10S_080597	Primary Sample	08/05/1997	2.5 U	2.5 U	2.5 U	30	25 U	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	WCC-10S_082197	Primary Sample	08/21/1997	2 U	2 U	2 U	25	20 U	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_10S	WCC-10S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	2.5 U	28	25 U	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	WCC-10S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	29	25 U	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	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	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	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	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	WCC_10S_W_011801	Primary Sample	01/18/2001	2.5 U	2.5 U	2.5 U		12 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_11S	WCC-11S_W_111591	Primary Sample	11/15/1991	5 U	5 U	5 U	10	10 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	80	5 U	5 U
WCC_11S	WCC-11S_W_061692	Primary Sample	06/16/1992	5 U	5 U	5 U	21	10 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	120	5 U	5 U
WCC_11S	WCC-11S_W_092192	Primary Sample	09/21/1992	1 U	1 U	1 U	17	5 U	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	WCC-11S_W_120892	Primary Sample	12/08/1992	1 U	1 U	1 U	13	5 U	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	WCC-11S_W_031693	Primary Sample	03/16/1993	2 U	2 U	2 U	25	5 U	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	WCC-11S_W_060793	Primary Sample	06/07/1993	2 U	4 U	2 U	16	20 U	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	WCC-11S_082493	Primary Sample	08/24/1993	2 U	4 U	2 U	14	20 U	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	WCC-11S_111993DUP	Field Duplicate	11/19/1993	2 U	4 U	2 U	14	20 U	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	WCC-11S_W_111993	Primary Sample	11/19/1993	2 U	4 U	2 U	14	20 U	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	WCC-11S_W_022394	Primary Sample	02/23/1994	2 U	4 U	2 U	16	20 U	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	WCC-11S_W_061094	Primary Sample	06/10/1994	2 U	2 U	2 U	16	20 U	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	WCC-11S_090894DUP	Field Duplicate	09/08/1994	2 U	4 U	2 U	19	20 U	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	WCC-11S_W_090894	Primary Sample	09/08/1994	2 U	4 U	2 U	20	20 U	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	WCC-11S_W_122194	Primary Sample	12/21/1994	5.7	4 U	2 U	26	20 U	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
WCC_11S	WCC-11S_W_031395	Primary Sample	03/13/1995	2 U	4 U	2 U	16	20 U	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	WCC-11S_W_061295	Primary Sample	06/12/1995	2 U	4 U	2 U	22	20 U	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	WCC-11S_090695DUP	Field Duplicate	09/06/1995	5 U	5 U	5 U	30	10 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	200	5 U	5 U
WCC_11S	WCC-11S_W_090695	Primary Sample	09/06/1995	5 U	5 U	5 U	31	10 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	190	5 U	5 U
WCC_11S	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	WCC-11S_W_030196	Primary Sample	03/01/1996	5 U	5 U	5 U	30	10 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	170	5 U	5 U
WCC_11S	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	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	WCC-11S_W_091996	Primary Sample	09/19/1996	5 U	5 U	5 U	22	50 U	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	WCC-11S_W_121896	Primary Sample	12/18/1996	2 U	2 U	2 U	28	20 U	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	WCC-11S_050897	Primary Sample	05/08/1997	2.5 U	2.5 U	2.5 U	33	25 U	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	WCC-11S_070297	Primary Sample	07/02/1997	2 U	2 U	2 U	29	20 U	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	WCC-11S_072497	Primary Sample	07/24/1997	2.5 U	2.5 U	2.5 U	31	25 U	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	WCC-11S_080597	Primary Sample	08/05/1997	2.5 U	2.5 U	2.5 U	33	25 U	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	WCC-11S_082197	Primary Sample	08/21/1997	2.5 U	2.5 U	2.5 U	30	25 U	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	WCC-11S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	2.5 U	29	25 U	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	WCC-11S_090497DUP	Field Duplicate	09/04/1997	2.5 U	2.5 U	2.5 U	28	25 U	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	WCC-11S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	29	25 U	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	WCC-11S_092898	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	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	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	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	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	WCC_11S_D_012301	Primary Sample	01/23/2001	1 U	1 U	0.41 J	12	5 U	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	WCC_11S_W_012301	Primary Sample	01/23/2001	1 U	1 U	0.45 J	13	5 U	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	WCC_11S_TAIT032202_0001	Primary Sample	03/22/2002	1 U	1 U	0.38 J	16	5 U	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	WCC_11S_TAIT032202_0002	Field Duplicate	03/22/2002	1 U	1 U	0.41 J	16	5 U	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_12S	WCC-12S_W_111891	Primary Sample	11/18/1991	50 U	50 U	50 U	300	100 U	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	WCC-12S_061692DUP	Field Duplicate	06/16/1992	5 U		5 U	260	10 U	10 U	5 U			5 U	5 U			10 U			5 U	5 U	710		
WCC_12S	WCC-12S_W_061692	Primary Sample	06/16/1992	5 U	5 U	5 U	21	10 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	120	5 U	5 U
WCC_12S	WCC-12S_W_092292	Primary Sample	09/22/1992	1	1 U	7	130	5 U	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	WCC-12S_W_120892	Primary Sample	12/08/1992	5 U	5 U	5 U	160	30 U	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	WCC-12S_W_031793	Primary Sample	03/17/1993	2 U	2 U	7	100	5 U	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	WCC-12S_W_060793	Primary Sample	06/07/1993	2 U	2 U	2	130	20 U	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	WCC-12S_082593	Primary Sample	08/25/1993	4 U	8 U	4 U	100	40 U	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	WCC-12S_W_111993	Primary Sample	11/19/1993	2 U	2 U	9	45	20 U	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	WCC-12S_022494DUP	Field Duplicate	02/24/1994	2 U	4 U	7.7	77	20 U	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	WCC-12S_W_022494	Primary Sample	02/24/1994	2 U	2 U	7.7	89	20 U	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	WCC-12S_W_061394	Primary Sample	06/13/1994	2 U	2 U	15	84	20 U	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	WCC-12S_W_090994	Primary Sample	09/09/1994	2 U	2 U	2 U	97	20 U	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_12S	WCC-12S_W_122294	Primary Sample	12/22/1994	2 U	2 U	17	52	20 U	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
WCC_12S	WCC-12S_W_031495	Primary Sample	03/14/1995	2 U	2 U	18	53	20 U	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	WCC-12S_W_061295	Primary Sample	06/12/1995	2 U	2 U	28	72	20 U	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	WCC-12S_W_090695	Primary Sample	09/06/1995	5 U	5 U	32	60	10 U	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	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	WCC-12S_W_030196	Primary Sample	03/01/1996	5 U	5 U	13	47	10 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	150	5 U	5 U
WCC_12S	WCC-12S_W_060796	Primary Sample	06/07/1996	5 U	5 U	12	37	10 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	140	5 U	5 U
WCC_12S	WCC-12S_W_091996	Primary Sample	09/19/1996	2 U	2 U	15	48	5 U	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	WCC-12S_W_121896	Primary Sample	12/18/1996	2 U	2 U	16	43	20 U	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	WCC-12S_050897	Primary Sample	05/08/1997	2.5 U	2.5 U	16	47	25 U	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	WCC-12S_070297	Primary Sample	07/02/1997	2 U	2 U	14	38	20 U	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

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	4-Methyl-2-pentanone 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	Tetra-chloroethene ug/L	Toluene ug/L	trans-1,2-Dichloroethene ug/L	Trichloroethene ug/L	Trichloro-fluoromethane ug/L	Xylene, Total ug/L
WCC_12S	WCC-12S_070297DUP	Field Duplicate	07/02/1997	2 U	2 U	14	38	20 U	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	WCC-12S_072397	Primary Sample	07/23/1997	2 U	2 U	14	34	20 U	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	WCC-12S_080697	Primary Sample	08/06/1997	2 U	2 U	14	42	20 U	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	WCC-12S_082197	Primary Sample	08/21/1997	2 U	2.5 U	13	39	20 U	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	WCC-12S_090497	Primary Sample	09/04/1997	2.5 U	2.5 U	18	37	25 U	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	WCC-12S_091797	Primary Sample	09/17/1997	2.5 U	2.5 U	13	40	25 U	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	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	WCC-12S_092398	Primary Sample	09/23/1998	2.5 U	2.5 U	130	120	25 U		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	WCC-12S_092398DUP	Field Duplicate	09/23/1998	2.5 U		11	34	25 U		2.5 U			2.5 U	2.5 U			25 U			23	2.5 U	120		
WCC_12S	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	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	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	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	WCC_12S_D_012201	Primary Sample	01/22/2001	2.5 U	2.5 U	17	39	12 U	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	WCC_12S_W_012201	Primary Sample	01/22/2001	2.5 U	2.5 U	18	40	12 U	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	WCC_12S_032502_1005	Primary Sample	03/25/2002	2 U	2 U	19	45	10 U	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
XMW_19	XMW_19_W_03212001	Primary Sample	03/21/2001	15	2 U	2 U	2 U	10 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	XMW_19_032202_1225	Primary Sample	03/22/2002	1 U	1 U	1 U	0.58 J	5 U	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	XMW_19_WG032803_0002	Field Duplicate	03/28/2003	2 U	2 U	2 U	2 U	10 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_19	XMW_19_WG032803_0001	Primary Sample	03/28/2003	2 U	2 U	2 U	0.7 J	10 U	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	XMW_19_WG032204_0001	Primary Sample	03/22/2004	1 U	1 U	1 U	1.4	5 U	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-09	XMW_09_W_012901	Primary Sample	01/29/2001	50 U	50 U	50 U	50 U	250 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	XMW_09_032102_0945	Primary Sample	03/21/2002	25 U	25 U	25 U	25 U	120 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	XMW-09_WG032504_0001	Primary Sample	03/25/2004	50 U	50 U	50 U	50 U	250 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_W_012401	Primary Sample	01/24/2001	25 U	25 U	25 U	20 J	120 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	1300	50 U	25 U
XMW-18	XMW_18_032702_1115	Primary Sample	03/27/2002	12 U	12 U	12 U	14	62 U	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

Notes:
U = Not reported above listed detection limit.
J = Estimated value.
DUP = Duplicate sample
ug/L = Micrograms per liter
< = VOC not detected above indicated reporting limit.

QA/QC: PRS

Date: 04/19/04

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
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
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
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
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
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
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
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

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

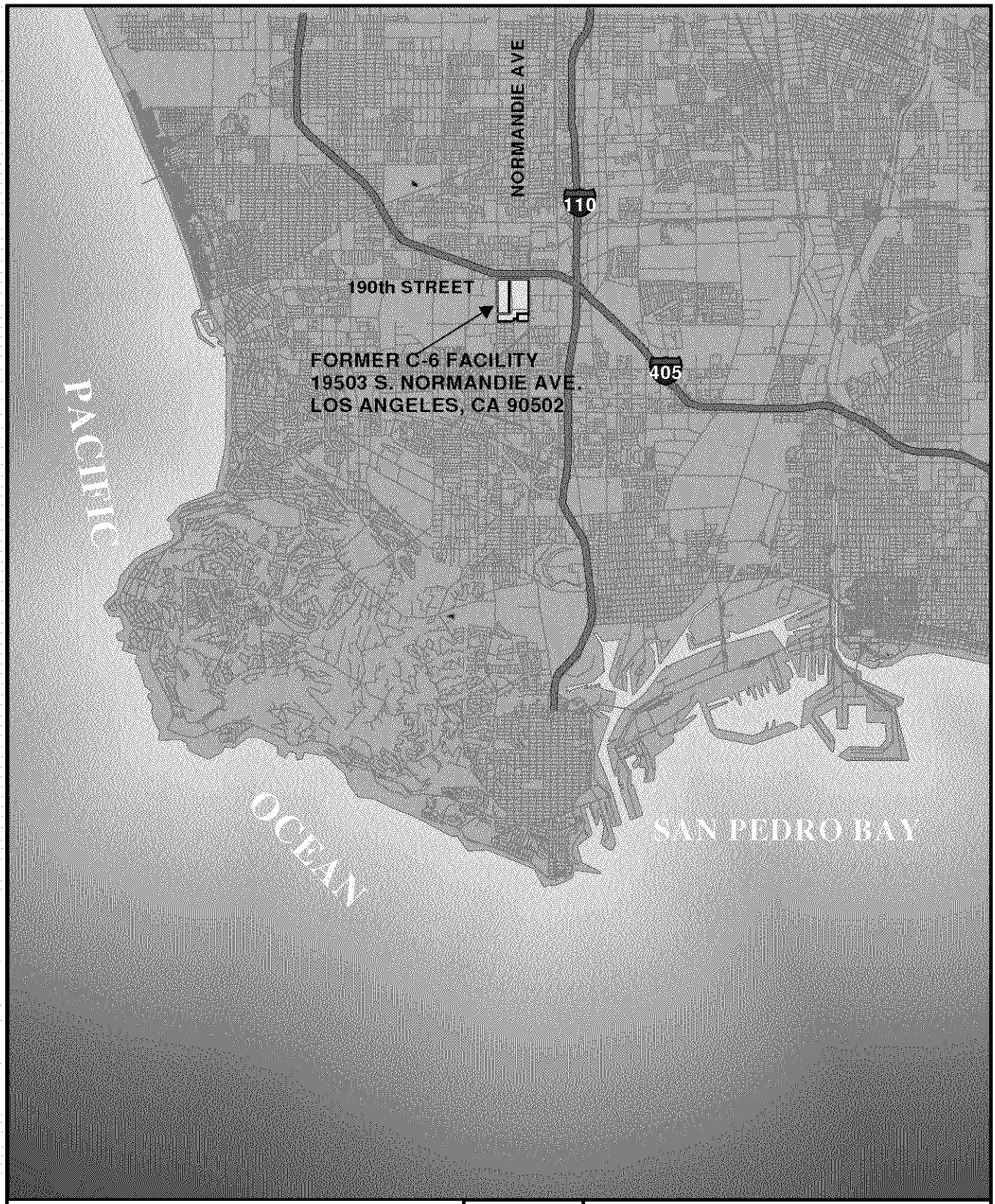
Well	Date Sampled	DO	ORP	pH	Conductivity	Temperature
		mg/l	mV		mS/cm	°C
TMW-9	3/26/2002	6.21	36	8.15	1.29	23.40
	3/26/2003	5.66	124	7.45	1.52	23.64
	3/24/2004	0.00	22	9.80	1.62	23.72
TMW-10	3/21/2002	5.14	26	7.17	1.54	23.85
	9/16/2002	4.14	52	7.31	1.89	24.64
	3/26/2003	5.34	66	7.08	1.57	23.54
	9/23/2003	3.92	50	7.03	1.76	23.40
	3/22/2004	2.18	64	7.22	1.92	23.17
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
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
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
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
CMW001	3/23/2004	0.00	-185	6.96	1.07	23.15
CMW002	3/23/2004	0.00	-29	7.28	0.980	22.78
CMW026	3/24/2004	2.24	-94	6.98	1.27	22.19

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: PRS

Date: 04/19/04

FIGURES



N

2 1 0 2 Miles

28882-002

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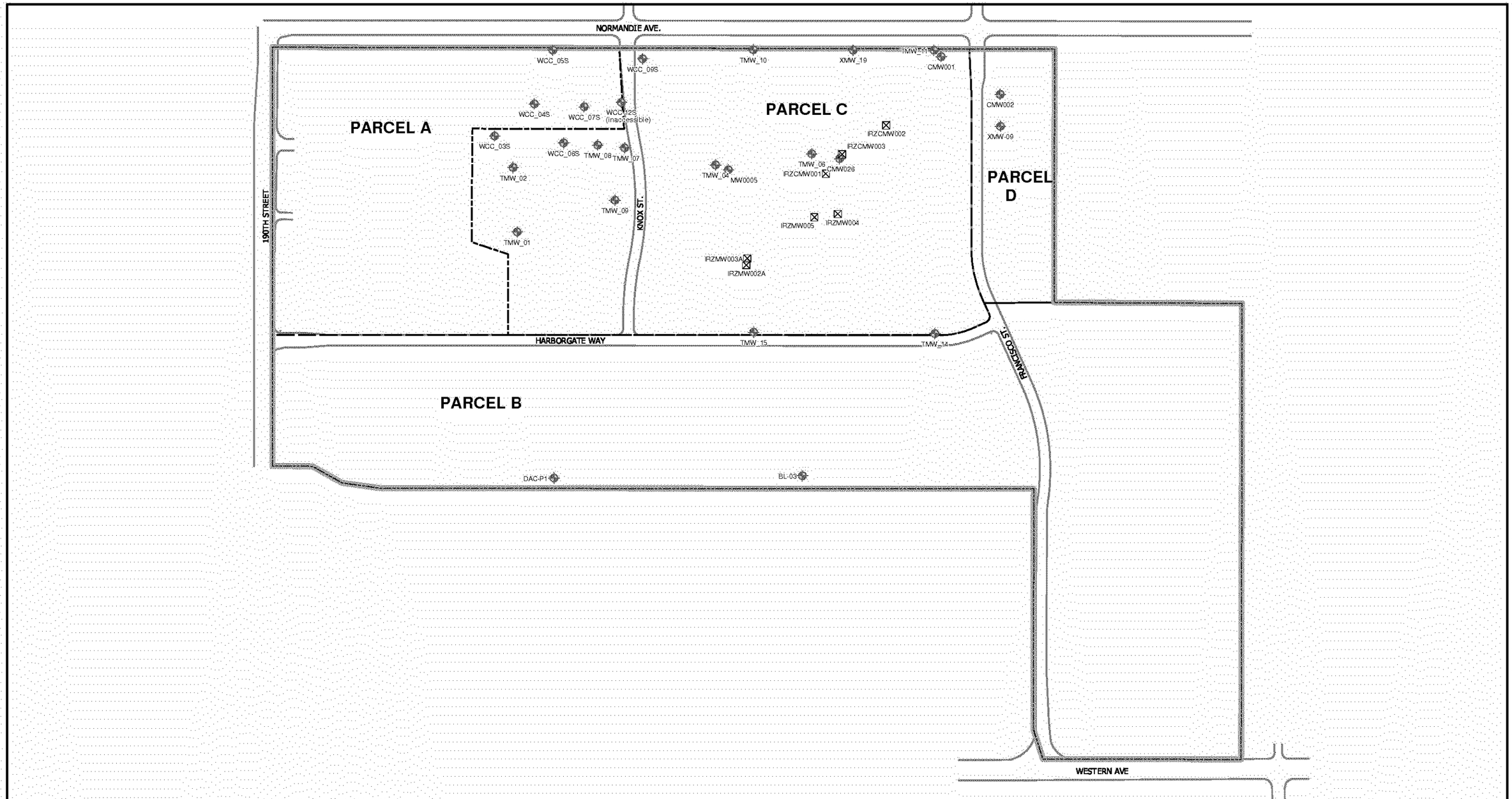
FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

FIGURE 1

SITE LOCATION PLAN

SCALE AS SHOWN



LEGEND

WCC-07S — Groundwater Monitoring Well

IRZMW005 — IRZ Bioremediation Monitoring Well

Property Boundary

Parcel Boundary

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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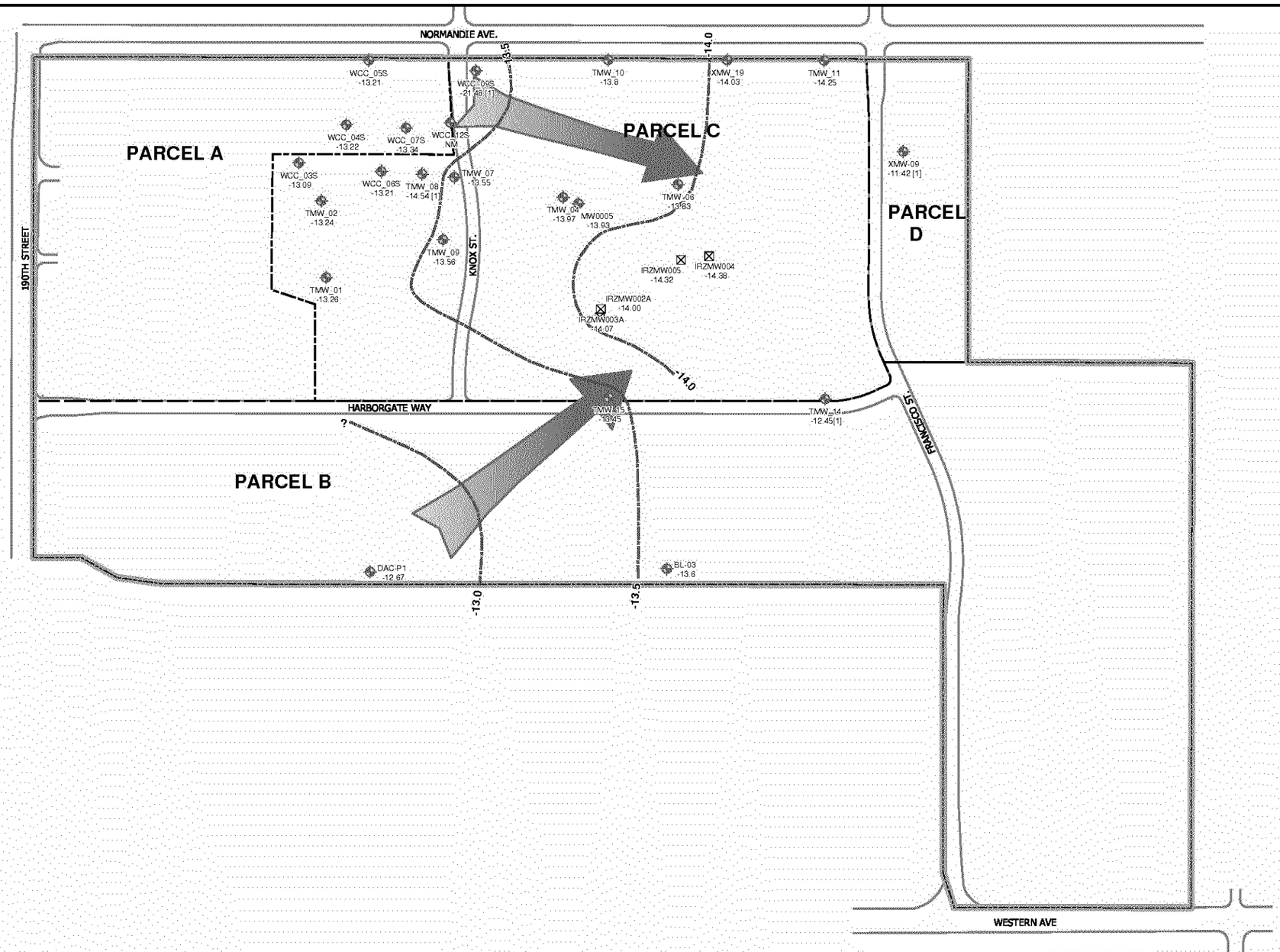
FIGURE 2

GROUNDWATER MONITORING WELL LOCATIONS MARCH 2004

SCALE AS SHOWN

APRIL 2004

28882-002



LEGEND

- WCC-07S — MBFB Groundwater Monitoring Well
- IRZMW005 — IRZ Bioremediation Monitoring Well
- Groundwater Elevation Contour (feet) MBFB, March 2004
- Property Boundary
- Parcel Boundary
- Groundwater Flow Direction

NOTES:
NM : Not Measured
[1] : Anomalous Measurements. Not used to contour Water Levels.

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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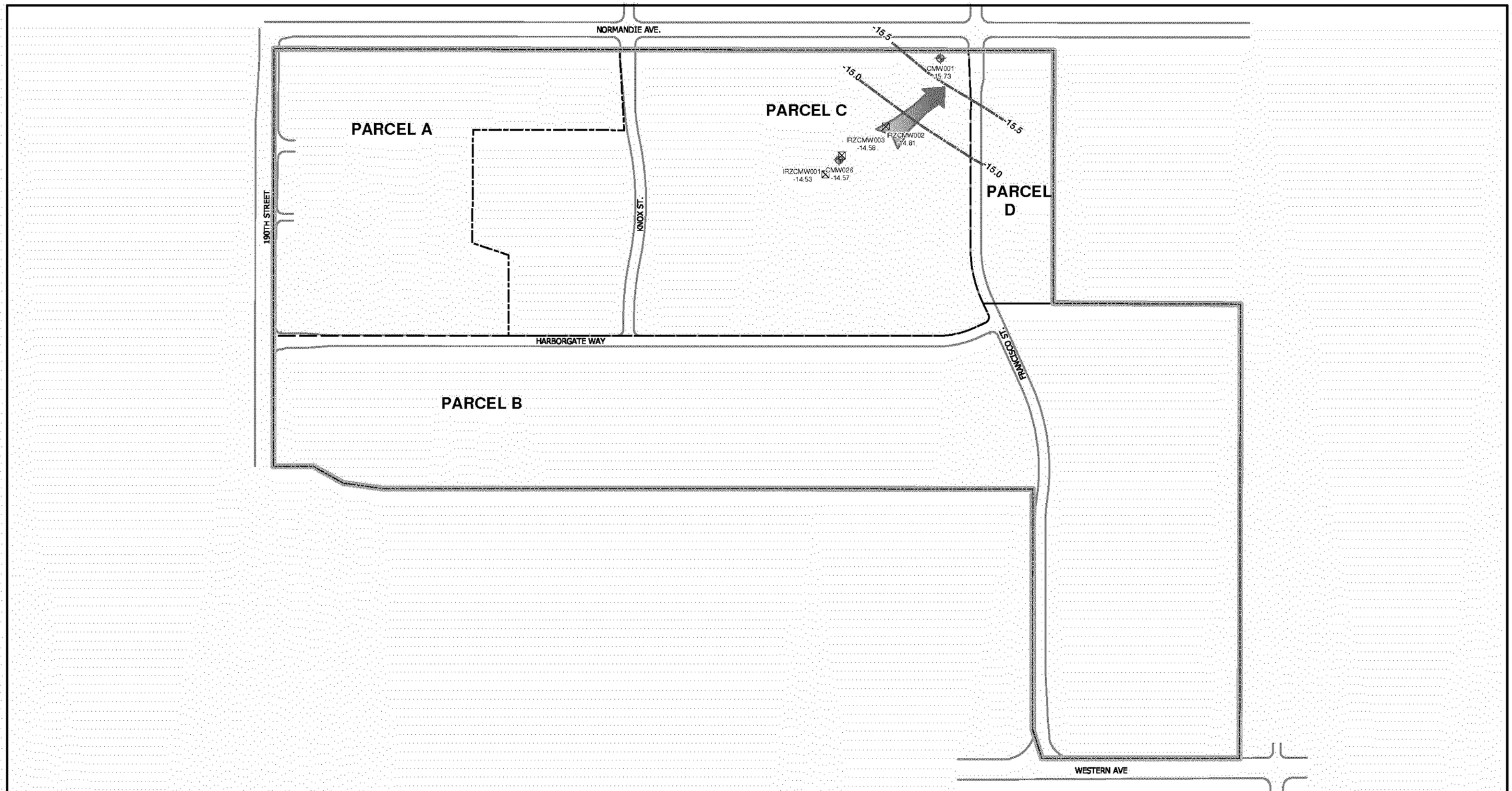
FIGURE 3

GROUNDWATER ELEVATION MAP MBFB (B-SAND) MARCH 2004

SCALE AS SHOWN

APRIL 2004

28882-002



LEGEND

- MBFC Groundwater Monitoring Well (WCC-07S)
- IRZ Bioremediation Monitoring Well (IRZMW005)
- Groundwater Elevation Contour (feet) - MBFC, March 2004
- Property Boundary
- Parcel Boundary
- Groundwater Flow Direction

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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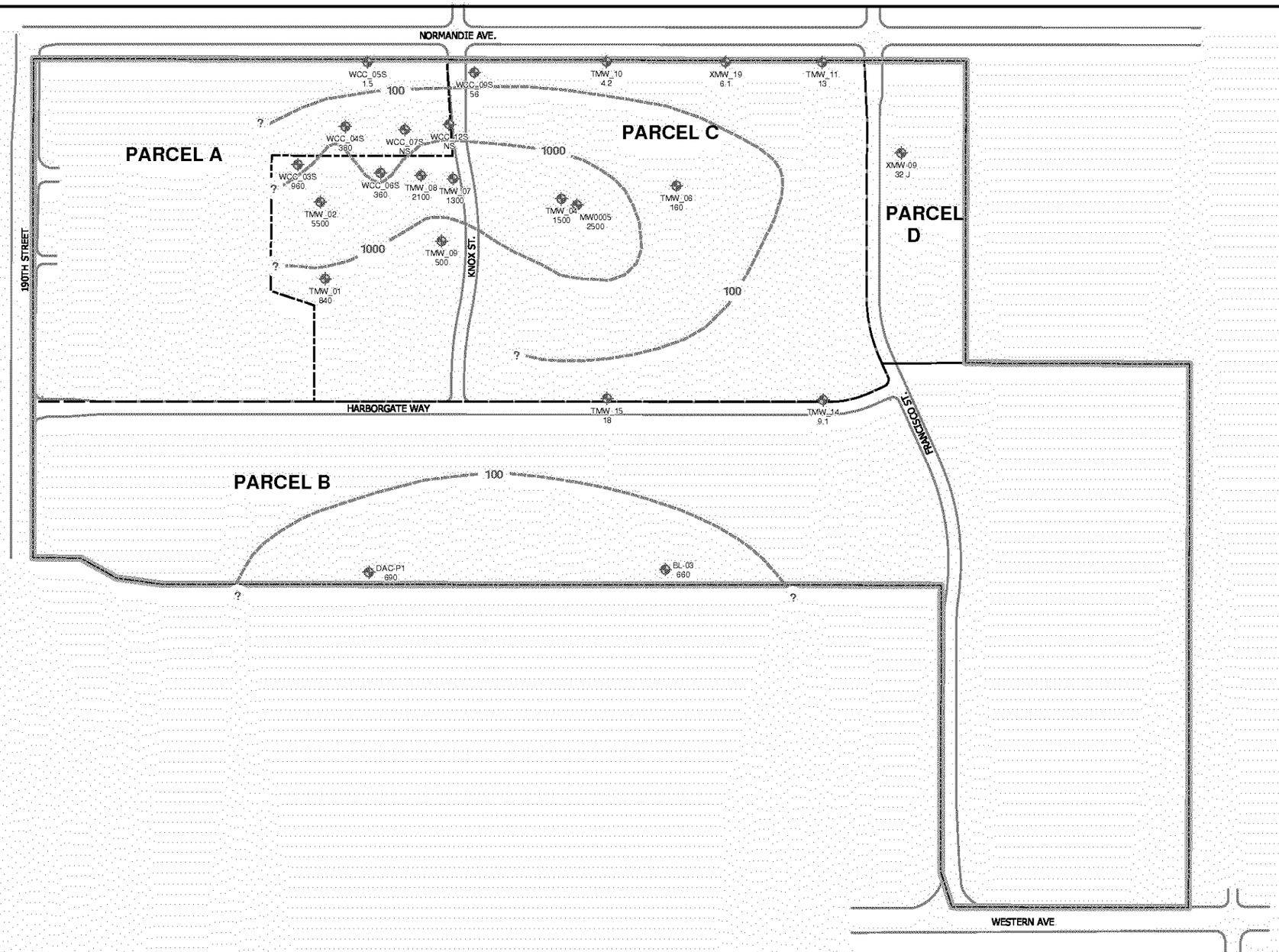
FIGURE 4

GROUNDWATER ELEVATION MAP MBFC (C-SAND) MARCH 2004

SCALE AS SHOWN

APRIL 2004

288882-002



LEGEND

WCC-07S — MBFB Groundwater Monitoring Well Sampled in March 2004

TCE Concentration Contour (ug/l) MBFB, March 2004

Property Boundary

Parcel Boundary

NOTE:
NS : Not Sampled

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

28882-002

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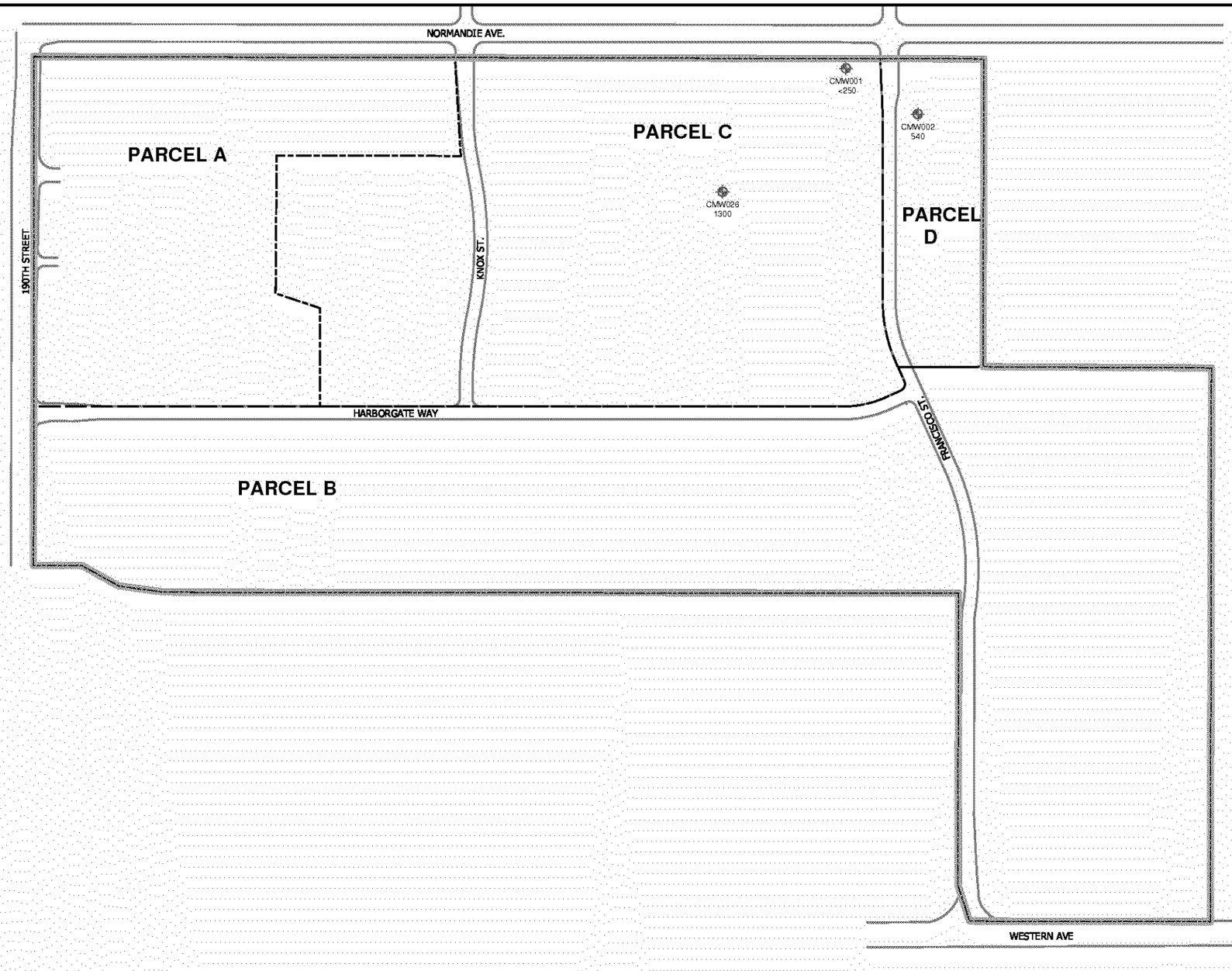
FIGURE 5

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

SCALE AS SHOWN

APRIL 2004



LEGEND

WCC-07S — MBFC Groundwater Monitoring Well Sampled in March 2004

Property Boundary

Parcel Boundary

N

All Locations and Dimensions are Approximate

0 200 400 800 Feet

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LOS ANGELES, CALIFORNIA

FIGURE 6

TCE DISTRIBUTION IN MBFC GROUNDWATER MARCH 2004

SCALE AS SHOWN

APRIL 2004

28882-002

APPENDIX A

Field Data

TAIT Environmental Management, Inc

ENTERED 3-25-04

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Annual
Project No.: EM2303#B
Well Identification: MW0005
Measurement Point Description: TOC MARK
Date: 3/25/04
Prepared By: GM
Weather: PARTLY CLOUDY
Pump Intake: ~~~8~~ ~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
---	63.50	87.75	24.25	---	16.0	48.0	8.0	~65

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,
Purge Method: Grundfos
Well Condition: GOOD

Time	Casing	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
1106	0.5	8.0	1.3	63.81	6.65	22.81	56.2	1.78	Ø	+134	CLEAR/NO ODOR
1112	1.0	16.0	1.3	63.87	6.63	22.70	54.1	1.78	Ø	+120	" "
1116	1.5	24.0	2.0	63.88	6.63	22.73	61.2	1.78	Ø	+115	" "
1121	2.0	32.0	1.6	63.88	6.62	22.73	53.0	1.78	Ø	+110	" "
1124	2.5	40.0	2.0	63.90	6.62	22.72	47.7	1.78	Ø	+109	" "
1128	3.0	48.0	2.0	63.90	6.62	22.69	30.8	1.78	Ø	+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
1100	1128	1.7	48.0	3.0	68.35	63.62	1135	MW0005-WG032504-0001

Notes:
TAIT TUBING

ft-bmp = feet below measuring point
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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Torrance Annual	**Date:** 3 25 04
Project No.: EM2303AB	**Prepared By:** SM
Well Identification: DAC-P1	**Weather:** Partly Cloudy ~70°
Measurement Point Description: TOC Mark	**Pump Intake:**

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
---	65.44	90.46	24.72	---	16	48	8	

	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

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
1129	0.5	8	1.3	67.30	6.29	23.39	31	8.8	0.00	-76	
1136	1.0	16	1.1	67.40	6.41	23.49	18	9.3	0.00	-74	
1143	1.5	24	1.1	67.68	6.52	23.35	8	11.0	0.19	-61	
1150 SM	2.0	32	1.1	67.79	6.68	23.35	8	13.4	0.94	-69	
1156	2.5	40	1.3	67.79	6.84	23.31	4	15.4	1.47	-74	
1202	3.0	48	1.3	67.82	6.88	23.33	3	17.9	2.04	-72	
1208	3.5	56							2.35		

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Galons 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
1123	1220	1.3	72	4.5	70.68	67.94	1221	DAC-P1_WG032504-001

Notes: Extra Readings for DO. THE Hose HAD No Bubbles + I shook the Horiba in case there was an air bubble on the sensor.

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: Torrance Annual	**Date:** 3 25 04
Project No.: EM2303B	**Prepared By:** SM
Well Identification: DAC-P1	**Weather:**
Measurement Point Description:	**Pump Intake:**

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**
---				---				

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

Time	Casing	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12.14	4.0	64	1.3						2.59		
12.20	4.5	72	1.3						2.77		

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Galons 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

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Page ___ of

Project Name: Torrance Annual	**Date:** 3/25/04
Project No.: EM23035B	**Prepared By:** GM
Well Identification: TMW_04	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**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
---	62.76	77.0	14.24	--	2.5	7.5	1.25	~64

	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

Time	Casing	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
1238	0.5	1.25	.6	63.05	6.68	23.27	65.1	1.72	Ø	+103	CLEAR
1240	1.0	2.50	.6	63.04	6.68	23.36	88.3	1.72	Ø	+102	" "
1242	1.5	3.75	.6	63.05	6.69	23.50	81.0	1.72	Ø	+101	" "
1244	2.0	5.00	.6	63.05	6.69	23.52	77.3	1.72	Ø	+101	" "
1246	2.5	6.25	.6	63.05	6.69	23.55	73.3	1.72	Ø	+100	" "
1248	3.0	7.50	.6	63.05	6.70	23.55	68.3	1.72	Ø	+99	" "

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
1236	1248	.6	8	3.0	65.60	68.72	1255	TMW-04-WG032504-0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torance Annual	**Date:** 3-25-04
Project No.: EM2303B	**Prepared By:** SM
Well Identification: XMW-09	**Weather:** Sunny 70°
Measurement Point Description: TOC N	**Pump Intake:** 66'

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
---	65.12	76.35	11.23	---	7.5	22.5	3.75	66'

	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

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
1345	0.5	3.75	0.8	66.90	6.77	24.49	18	.202	0.00	+73	
1405	1.0	7.50	—	66.92	6.90	22.83	68	.210	0.00	+72	
1410	1.5	11.25	0.8	65.91	6.86	23.20	43	.210	0.00	+62	
1414	2.0	15.00	0.9	65.91	6.86	23.18	10	0.210	0.00	+56	
1419	2.5	18.75	0.8	65.91	6.86	23.16	2	0.210	0.00	+55	
1423	3.0	22.50	0.9	65.91	6.86	23.13	3	0.209	0.00	+53	

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
1340	1423	0.8	22.5	3	67.37	65.91	1425	XMW-09_WG032504.0001

Notes: 1348 stopped ~~[illegible]~~ 1402 : 14

TAIT TUBING

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Annual	**Date:** 3/25/04
Project No.: EM2303AB	**Prepared By:** GM
Well Identification: TMW-08	**Weather:** SUNNY
Measurement Point Description: TOC N	**Pump Intake:** ~70

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
---	66.53	82.71	16.18	---	2.5	7.5	1.25	~70

	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

Time	Casing	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
1347	0.5	1.25	.6	67.78	6.59	23.77	126.0	1.91	Ø	-172	CLEAR/NO ODOR
1349	1.0	2.50	.6	67.53	6.53	23.91	115.0	1.89	Ø	-172	
1351	1.5	3.75	.6	67.53	6.53	23.84	112.0	1.88	Ø	-171	
1353	2.0	5.00	.6	67.64	6.53	23.80	72.4	1.87	Ø	-170	
1355	2.5	6.25	.6	67.64	6.52	23.93	8.9	1.83	Ø	-168	
1357	3.0	7.50	.6	67.64	6.52	23.94	6.8	1.83	Ø	-168	

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-omp)	Sample Collection Time	Sample Identification
1345	1357	.6	8.0	3.0	69.76	67.23	1405	TMW-08_WG032504_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

Page ___ of

Project Name: Torrance Annual	**Date:** 3/25/04
Project No.: EM2303-B	**Prepared By:** GM
Well Identification: TMW-01	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~70

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
--	69.72	84.55	14.83	--	2.5	7.5	1.25	~70

	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

Time	Casing	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
1007	0.5	1.25	.6	70.20	6.46	23.92	>999.0	5.93	Ø	+71	VERY SILTY
1009	1.0	2.50	.6	70.20	6.37	23.64	>999.0	6.15	Ø	+70	" "
1011	1.5	3.75	.6	70.20	6.39	23.51	>999.0	6.06	Ø	+72	" "
1013	2.0	5.0	.6	70.40	6.36	23.18	257.0	5.86	Ø	+78	SLIGHTLY GRAY
1015	2.5	6.25	.6	70.42	6.37	23.19	153.0	5.92	Ø	+81	CLEAR
1017	3.0	7.50	.6	70.46	6.38	23.15	90.0	5.86	Ø	+81	" "

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
~~1352~~ 1005	1017	.6	8.0	3.0	72.66	69.52	1020	TMW-01-WG032504-0001

Notes: CASING off center + loose. Pump was stuck ABOUT 5-7ft

ft-bmp = feet below measuring point

C:\Documents and Settings\SMicucci\My Documents\forms\job forms\Compton Field Data Sheet.DOC

Chain of Custody Record

ENTERED 3/31/04

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc

STL-4124 (0700)

Client: TAIT	Project Manager: MEHMET / Paul Somez	Date: 3/25/04	Chain of Custody Number: 049150
Address: 701 Parkcenter DR	Telephone Number (Area Code)/Fax Number: 714 560 8200	Lab Number: E4C260248	Page 1 of 1
City: Santa Ana; State: CA; Zip Code: 92705	Site Contact: Shelly Mirwa	Lab Contact:	
Project Name and Location (State): Torrance Refinery Site Survey	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: EM2503B			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	VOC	Special Instructions/ Conditions of Recei
TMW-01-Wq032504.0001	3-25-04	10:20		X						X			3	
TMW-02-Wq032504.0001		10:30											3	
MW0005-Wq032504.0001		1135											3	
DAC-P1-Wq032504.0001		1221											3	
TMW-04-Wq032504.0001		1255											3	
XMW-09-Wq032504.0001		1425											3	
TMW-08-Wq032504.0001		1405											3	
EB-TAIT032504.0001		730											3	
TB-TAIT032504.0001		0:00											3	
DB-TAIT032504.0001		7:30											3	
													30	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other Normal

QC Requirements (Specify):

1. Relinquished By: Shelly Mirwa	Date: 3-25-04	Time: 16:50	1. Received By: [signature]	Date: 3-25-04	Time: 16:50
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

ENTERED 3/31/04

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: TAIT	Project Manager: MEHMET / Paul Jones	Date: 3/24/04	Chain of Custody Number: 049149
Address: 701 North Parkcenter Dr.	Telephone Number (Area Code)/Fax Number: 714 560 8200	Lab Number: E4C250209	Page ____ of ____
City: Santa Ana; State: CA; Zip Code: 92705	Site Contact: Shelly	Lab Contact:	
Project Name and Location (State): Torrance Annual Sampling	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: EM23038			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): VOC	Special Instructions/ Conditions of Receipt
CMW026-Wg032404.0001	3.24.04	10:30		X						X			3	
WCC_06S-Wg032404.0001		11:00												
TMW-07-Wg032404.0001		11:40												
TMW-09-Wg032404.0001		11:45												
WCC-04S-Wg032404.0001		1310												
WCC-03S-Wg032404.0001		1320												
EB-TAIT032404.0001		730												
TB-TAIT032404.0001		0 00												
DB-TAIT032404.0001		730												
CMW026-Wg032404.0002		1030											3	

30 Bottles

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other ____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	3/24/04	16:35	1. Received By: [signature]	3/24/04	16:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

BOE-C6-0009480

Chain of Custody Record

STL-4124 (0700)

ENTERED 3/29

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

Client: TAIT	Project Manager: McHIGHET / Paul Jones (Paul.Jones@tait.com)	Date: 3/23/04	Chain of Custody Number: 049148
Address: 101 [illegible] CENTER DR	Telephone Number (Area Code)/Fax Number: 714 [illegible]	Lab Number: E4C230321	Page ____ of ____
City: SANTA ANA; State: CA; Zip Code: 92705	Site Contact: Shelly Mu[illegible]	Lab Contact: Diane	
Project Name and Location (State): TORRANCE Annex 1 GW Sampling	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: EM2303B			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): 8260B (VOCs)	Special Instructions/ Conditions of Receipt
CMW001_WG032304_0001	3/23/04	1350		X						X			X	
MCC_095_WG032304_0001		1010												
MW_000_WG032304_0001		1125												
CMW002_WG032304_0001		1235												
BL_03_WG032304_0001		1400												
TMW_11_WG032304_0001		1020												
TB_TB1_032304_0001		—												
DB_[illegible]_032304_0001		7:30												
[illegible]_032304_0001		7:30												
TMW_11_WG032304_0002		1020												

← PLEASE NOTE CHANGE TO COC. 4/2/04 Karen Adkison

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Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NORM

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: [signature]	3-23-04	16:15	1. Received By: [signature]	3-23-04	16:15
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments:

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

Chain of Custody Record

ENTERED 3/29/04

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: TAIT	Project Manager: MEHMET / Paul Sones PRS@haleyAldrich.com	Date: 3/22/04	Chain of Custody Number: 049147
Address: 701 North Parkcenter Dr.	Telephone Number (Area Code)/Fax Number: 714 560 6200	Lab Number: E4C220234	Page ____ of ____
City: Santa Ana; State: CA; Zip Code: 92705	Site Contact: Shelly	Lab Contact:	
Project Name and Location (State): Torrance Annual GW Sampling	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: EM2303B			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): VOC	Special Instructions/ Conditions of Recei
TMW-10_WQ032204_0001	3/22/04	1400		X						X			3	
TMW-10_WQ032204_0002	3/22/04	1400		X						X			3	
WCC_OOS_WQ032204_0001	"	1235		X						X			3	
DB_TAIT032204_0001		1100		X						X			3	
EB_TAIT032204_0001		1100		X						X			3	
TB_TAIT032204_0001		0:00		X						X			3	
TMW-15_WQ032204_0001		1430		X						X			3	
XMW-19_WQ032204_0001		1150		X						X			3	
TMW-14_WQ032204_0001		1315		X						X			3	
													27	

Possible Hazard Identification: [X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal: [ ] Return To Client [X] Disposal By Lab [ ] Archive For ____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: [ ] 24 Hours [ ] 48 Hours [ ] 7 Days [ ] 14 Days [ ] 21 Days [ ] Other NORM

QC Requirements (Specify):

1. Relinquished By: Shelly Mauca	Date: 3/22/04	Time: 1630	1. Received By: [illegible]	Date: 3/22/04	Time: 16:30
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

TAIT Environmental Management, Inc

ENTERED 3-26-04

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Annual	**Date:** 03 25 04
Project No.: EM2303B	**Prepared By:** SM
Well Identification: TMW_02	**Weather:** Overcast 70°
Measurement Point Description: TOC N	**Pump Intake:** ~72'

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
---	69.59	85.11	15.52	---	2.50	7.5	1.25	~72'

	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, overgrown

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
1009	0.5	1.25	0.3	71.69	6.57	23.66	16	0.297	0.28	-125	Black, strong odor like gas
1012	1.0	2.50	0.4	72.00	6.68	23.29	4	0.307	0.00	-144	" "
1015	1.5	3.75	0.4	71.73	6.77	23.11	5	0.314	0.00	-156	clear, no odor
1019	2.0	5.00	0.3	71.67	6.83	23.35	0	0.321	0.00	-162	"
1023	2.5	6.25	0.3	71.67	6.86	23.41	8	0.325	0.00	-166	"
1027	3.0	7.50	0.3	71.67	6.88	23.40	9	0.326	0.00	-169	

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
1005	1027	0.3	7.5	3	72.69	71.67	1030	TMW_02-WG032504-0001

Notes: Tubing is Black where submerged in water
Reduced GPM @ 1013

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Annual	**Date:** 3 24 04
Project No.: EM2303A	**Prepared By:** SM
Well Identification: WCC-03S	**Weather:** Windy ~68°
Measurement Point Description: TOC Mark	**Pump Intake:**

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
---	64.19	88.81	24.62	---	16	48	8	

	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: IN 6' hole

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
1245	0.5	8	1.3	64.15	6.54	23.23	86.6	0.318	0.00	-137	odor, clm
1252	1.0	16	1.1	64.45	6.62	23.18	88.3	0.263	0.00	-157	odor
1258	1.5	24	1.3	64.45	6.67	23.16	99.9	0.236	0.00	-168	odor
1305	2.0	32	1.1	64.45	6.71	23.16	76.7	0.221	0.00	-177	"
1311	2.5	40	1.3	64.45	6.72	23.10	43.4	0.212	0.00	-181	"
1317	3.0	48	1.3	64.45	6.77	23.07	53.0	0.199	0.00	-184	"

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
1239	1317	1.3	48	3	69.11	64.45	1320	WCC-03S-Wg032404-0001

Notes:

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

3/24/04 IC

Groundwater Sampling Data Sheet

Page ___ of

Project Name: Torrance Annual	**Date:** 3.24.04
Project No.: EM2303A	**Prepared By:** SM
Well Identification: CMW026	**Weather:** Partly Cloudy ~68°
Measurement Point Description: TOC Mark	**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
---	63.62	118.11	54.49	–	35.50	106.5	17.75	~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

Purge Method: Grundfos

Well Condition: Good

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
922	0.5	17.75	1.0	64.62	6.51	22.19	8.5	64.5mS/M	0.91	+105	
942	1.0	35.50	2.22	65.04	6.87	22.13	61	0.126SM	1.69	-112	
952	1.5	53.25	1.8	65.04	6.92	22.20	8	0.128SM	1.93	-106	
1003	2.0	71.00	1.6	65.04	6.94	22.13	58	0.129	2.03	-101	
1014	2.5	88.75	1.6	65.04	6.96	22.18	34	0.129	2.20	-96	
1025	3.0	106.50	1.6	65.04	6.98	22.19	37	0.127	2.24	-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
904	1025	1.6	106.50	3	74.52	65.04	1030	CMW026-WG032404-0002 CMW026-WG032404-0001

Notes: Drillers on either side of well ~200ft Away
Flow stopped for 2 MIN @ 924

ft-bmp = feet below measuring point
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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name:	**Date:** 3/23/04
Project No.: EM2303A	**Prepared By:** GEORGE
Well Identification: WCC_06S	**Weather:** CLOUDY
Measurement Point Description: TOC ~~NORTH~~ EAST MARK	**Pump Intake:** ~~~75~~

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
---	64.51	87.65	23.14	--	15	45	7.5	~~~75~~

	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: ~~Bad~~ BURIED UNDER / GOOD

Time	Casing	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
935	0.5	7.5	.7	66.39	7.53	23.25	335.0	0.615	Ø	-193	SLIGHTLY GRAY
943	1.0	15.0	.9	66.48	6.42	23.43	281.0	0.799	Ø	-206	NO ODOR
950	1.5	22.5	1.1	66.46	7.28	23.49	141.0	0.883	Ø	-212	" "
959	2.0	30.0	.8	66.82	7.94	23.09	76.4	0.919	Ø	-214	CLEAR
1008	2.5	37.5	.8	66.75	8.45	23.32	44.0	0.975	Ø	-217	" "
1017	3.0	45.0	.8	66.69	9.07	23.36	35.2	1.08	Ø	-215	" "
1026	3.5	52.5	.8	66.62	9.46	23.44	26.0	1.14	Ø	-216	" "

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
924	1050	.9	75.0	5.0	69.13	66.45	11:00	WCC_06S_WG032404_0001

Notes: WELL HARD TO GET TO, TONS OF BUSHES AROUND IT.
PH IS NOT STABLE WILL TAKE MORE READING, AND SEE IT STABALIZES.

ft-bmp = feet below measuring point
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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

Project Name: C6 Torrance annual GWS.	**Date:** 8/24/04
Project No.: ~~EM2305~~ EM2303B	**Prepared By:** GM
Well Identification: WCC_065	**Weather:** CLOUDY **Screen:**
Measurement Point Description: TOC MARK	**Pump Intake:** ~66

Depth to LNAPL (ft-bmp)	Depth to Static Water Level (ft-bmp)	Well Total Depth (ft-bmp)	Water Column Height (ft)	LNAPL Thickness (ft-bmp)	One (1) Casing Volume (gallons)	Three (3) Casing Volumes (gallons)	Above Screen Volume	Screen Volume
—	64.51	87.65	23.14	—	15.0	45.0	—	—

Well Diameter (in)				Gallons/Foot			
				0.75	2	4	6
0.75	2	4	6	0.02	0.16	~~0.65~~	1.47

Field Equipment: Solinst

Purge Method: GRUNDFOS

Well Condition: ~~WELL~~ WAS BURIED / GOOD

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
1035	4.0	60.0	.8	66.64	9.52	23.36	23.2	1.17	Ø	-217	CLEAR
1043	4.5	67.5	.9	66.66	9.55	23.40	17.3	1.20	Ø	-218	" "
1050	5.0	75.0	1.1	66.69	9.56	23.40	15.2	1.22	Ø	-218	" "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
924	1050	.9	75.0	5.0	69.13	64.79	11:00	WCC_065_WG032404_0001

Notes: PH WAS UNSTABLE ~~TOOK~~ PUMPED A COUPLE OF EXTRA CASING VOLUMES TO SEE IF IT WOULD STABALIZE.

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Torrance Annual	**Date:** 3/24/04
Project No.: EM2303AB	**Prepared By:** SM
Well Identification: TMW_07	**Weather:** overcast ~70°
Measurement Point Description: TOC N	**Pump Intake:** 67'

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
---	66.05	83.61	17.56	--	3	9	1.5	67'

	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: Deep in weeds

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
1118	0.5	1.5	0.5	66.39	7.05	23.31	>999	0.197	2.40	+101	
1121	1.0	3.0	0.5	66.28	7.10	23.06	486	0.196	1.60	+97	
1124	1.5	4.5	0.5	66.27	7.11	23.40	253	0.194	1.40	+93	
1127	2.0	6.0	0.5	66.28	7.13	23.59	177	0.194	1.28	+88	
1131	2.5	7.5	0.4	66.28	7.14	23.60	115	0.192	1.20	+85	
1135	3.0	9.0	0.4	66.28	7.14	23.65	86	0.191	1.13	+83	

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
1115	1135	0.5	9	3	69.56	66.28	1140	TMW_07_WG032404.0001

Notes:

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

3/24/04 TC

Groundwater Sampling Data Sheet

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Project Name:	**Date:** 3/24/04
Project No.: EM2303A	**Prepared By:** GM
Well Identification: TMW_09	**Weather:** PARTLY CLOUDY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~69

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
---	66.31	80.06	13.69	---	2	6	1	~69

	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: WELL EXTENSION IS LOOSE

Time	Casing	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
1128	0.5	1.0	.5	66.68	9.86	22.99	54.2	1.60	Ø	+22	CLEAR
1129	1.0	2.0	1.0	66.70	9.82	23.16	28.3	1.61	Ø	+22	
1131	1.5	3.0	.5	66.72	9.79	23.45	21.0	1.61	Ø	+22	
1133	2.0	4.0	.5	66.72	9.79	23.50	16.4	1.61	Ø	+22	
1135	2.5	5.0	.5	66.74	9.79	23.66	15.7	1.62	Ø	+22	
1136	3.0	6.0	1.0	66.75	9.80	23.72	14.6	1.62	Ø	+22	

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
1126	1136	.7	6.0	3.0	69.10	66.45	1145	TMW_09-WG032404_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name:	**Date:** 3/24/04
Project No.: EM2303A	**Prepared By:** GM
Well Identification: WCC_045	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**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
--	62.84	89.81	26.97	--	17.5	52.5	8.75	~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,

Purge Method: Grundfos

Well Condition: NO LID / GOOD

Time	Casing	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
1236	0.5	8.75	1.5	63.20	8.57	23.72	12.0	2.35	Ø	-110	
1243	1.0	17.50	1.25	63.20	8.96	23.63	33.1	2.12	Ø	-105	
1248	1.5	26.25	1.8	63.29	9.16	23.62	10.3	1.95	Ø	-106	
1253	2.0	35.0	1.8	63.30	9.33	23.61	.9	1.87	Ø	-75	
1258	2.5	43.75	1.8	63.30	9.32	23.59	Ø	1.80	Ø	-72	
1303	3.0	52.5	1.8	63.30	9.33	23.63	Ø	1.75	Ø	-53	

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
1230	1303	1.8	53.0	3.0	68.23	63.00	1310	WCC_045_WG032404_0001

Notes: ADDED WELL LID

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Torrance Annual	**Date:** 3/23/04 Screen 99-124
Project No.: EM2303A	**Prepared By:** GEORGE
Well Identification: CMW001	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~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) (CXD=E)	Three (3) Casing Volumes (gallons)	½ Casing per Parameter (E/2)	Pump setting depth
---	66.91	124.26	57.35	---	37.0	111.0	18.5	~80

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,

Purge Method: Grundfos

Well Condition: GOOD

Time	Casing	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
1248	0.5	18.5	1.9	76.46	6.85	23.21	153.0	1.13	Ø	-182	CLEAR/SLIGHT SULFURIC ODOR
1258	1.0	37.0	1.9	78.01	6.84	23.20	150.0	1.13	Ø	-179	CLEAR/NO ODOR
1308	1.5	55.5	1.9	79.50	6.84	23.22	82.4	1.12	Ø	-179	" "
1318	2.0	74.0	1.9	80.49	6.83	23.23	29.7	1.11	Ø	-176	" "
1328	2.5	92.5	1.9	76.71	6.99	23.17	1.6	1.09	Ø	-187	" "
1342	3.0	111.0	1.3	80.70	6.96	23.15	Ø	1.07	Ø	-185	" "

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
1238	1342	1.8	111.0	3	79.08	78.60	1350	CMW0001-WG032304.0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: TORRANCE ANNUAL GW. SAMPLING	**Date:** 3/23/04
Project No.: EM2303~~A~~B	**Prepared By:** GM
Well Identification: TMW_06	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~~72~~ 64

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
---	63.33	78.70	15.37	---	2.5	7.5	1.25	~~72~~ 64

	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

Time	Casing	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
1108	0.5	1.25	.6	63.49	6.85	22.35	742.0	1.70	.39	+65	VERY CLOUDY / NO ODOR
1110	1.0	2.50	.6	63.40	6.87	22.56	443.0	1.69	.39	+66	CLOUDY
1112	1.5	3.75	.6	63.40	6.82	22.83	323.0	1.68	.39	+66	" "
1114	2.0	5.00	.6	63.40	6.78	23.04	161.0	1.68	.42	+66	SLIGHTLY CLOUDY
1116	2.5	6.25	.6	63.39	6.75	23.09	98.0	1.67	.42	+66	CLEAR
1118	3.0	7.50	.6	63.39	6.74	23.18	37.8	1.65	.42	+65	" "

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
1106	1118	.6	8.0	3	66.40	63.29	1125	TMW-06-WG032304-0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Torrance Annual	**Date:** 3/23/04
Project No.: EM2303~~03~~	**Prepared By:** GEORGE
Well Identification: WCC_09S	**Weather:** CLOUDY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~~85~~ 70

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
---	68.33	96.33	28.0	---	18.0	54.0	9.0	~~85~~ 70

Well Diameter (in)	Gallons/Foot 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

Time	Casing	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
942	0.5	9.0	1.3	69.71	6.59	23.06	194.0	1.22	.82	+55	CLOUDY / NO ODOR
947	1.0	18.0	1.8	69.68	6.55	23.08	145.0	1.22	.75	+58	SLIGHTLY CLOUDY
952	1.5	27.0	1.8	69.68	6.60	23.11	56.3	1.22	.58	+63	CLEAR / NO ODOR
957	2.0	36.0	1.8	69.65	6.60	23.10	31.5	1.21	.51	+64	" "
1002	2.5	45.0	1.8	69.65	6.61	23.11	19.8	1.21	.42	+63	" "
1007	3.0	54.0	1.8	69.65	6.64	23.12	22.7	1.22	.41	+55	" "

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
935	1007	1.8	54.0	3	73.93	69.73	1010	WCC-09S-WG032304-0001

Notes:

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

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Project Name: Torrance GW Annual Sampling	**Date:** 3/23/04
Project No.: EM2303~~8~~	**Prepared By:** SM
Well Identification: BL-03	**Weather:** Cloudy ~ 68°
Measurement Point Description: TOC Notch	**Pump Intake:** ~~~71

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
—	70.08	80.80	10.72	—	2	6	1	~~~71 SM

	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: Well frame + lid is BROKEN. Lifts up

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
1337	0.5	1	0.5	70.13	6.91	22.79	156	0.274	3.53	+153	
1343	1.0	2	0.5	70.47	6.97	25.06	163	0.296	3.21	+136	
1345	1.5	3	0.5	70.47	6.98	23.76	155	0.290	3.61	+123	
1347	2.0	4	0.5	70.48	6.99	23.46	116	0.290	3.51	+124	
1349	2.5	5	0.5	70.48	7.01	23.01	89.7	0.265	3.44	+124	
1351	3.0	6	0.5	70.48	7.10	23.11	123.4	0.297	3.66	+121	
1352	3.5	7	0.5				111.0				

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
SM 1335	1352	0.5	7.0	3.5	72.22	70.48	1400	BL-03-WG032304-0001

Notes: TAIT Tubing
Extra reading for turbidity

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

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Project Name: Torrance annual GW Sampling	**Date:** 3 23 04
Project No.: EM2303-B	**Prepared By:** SM
Well Identification: CMW002	**Weather:** Cloudy ~69°
Measurement Point Description: TOC mark	**Pump Intake:** 68'

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
---	65.27	124.34	59.07	---	38.50	115.50	19.25	~68'

Well Diameter (in)	Gallons/Foot 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

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
1125	0.5	19.25	2.1	65.79	7.21	22.66	5.5	86.7	0.00	-84	
1134	1.0	38.50	2.1	65.80	7.24	22.68	12.4	87.0	0.00	-66	
1144	1.5	57.75	2.0	65.73	7.25	22.69	18.5	87.3	0.00	-58	
1155	2.0	77.00	2.0	65.71	7.25	22.75	5.0	87.4	0.00	-52	
1206	2.5	96.25	1.5	65.70	7.26	22.75	4.1	86.9	0.00	-51	
1219	3.0	115.50	1.6	65.70	7.28	22.78	4.6	0.098 S/M	0.00	-29	
1231	3.5	134.75						0.098 S/M		-34	

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
SM 1115	1231	1.9	134.75	3.5	77.08	65.70	1235	CMW002-WG032304.001

Notes: 1207-1208 stopped flow
Extra Reading for ORP + Conductivity

ft-bmp = feet below measuring point

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Project Name: Torrance Annual	**Date:** 3.23.04
Project No.: EM2303~~0~~8	**Prepared By:** SM
Well Identification: TMW-11	**Weather:** overcast ~65°
Measurement Point Description: TOC mark	**Pump Intake:** ~68'

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
---	61.65	77.19	15.54	---	2.5	7.5	1.25	~68' ~~58'~~

	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

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
951	0.5	1.25	0.3	61.78	6.64	23.38	682	0.192	0.37	+174	Brown
954	1.0	2.50	0.4	61.78	6.77	24.00	330	0.196	0.48	+139	"
958	1.5	3.75	0.3	61.78	6.82	23.99	211	0.197	0.52	+124	"
1004	2.0	5.00	0.3	61.78	6.90	24.75	360	0.197	0.85	+110	"
1011	2.5	6.25	0.3	61.78	6.95	24.56	273	0.197	1.20	+83	"
1014	3.0	7.50	0.4	61.78	6.98	24.03	98	0.197	0.79	+83	semi clear
1018	3.5	8.75							0.86		

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
947	1018	0.3	8.75	3.5	64.76	61.78	1020	EB-TAIT032304-0001 >730 OB-TAIT032304-0001 TB-TAIT032304-0001 ~~TMW-11-WQ032304-0002~~ TMW-11-WQ032304-0001

Notes: flow stopped 958-1000 Extra ½ casing for DO
1006 1009

ft-bmp = feet below measuring point

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Project Name: Torrance Annual	**Date:** 3/22/04
Project No.: EM2303B	**Prepared By:** GM
Well Identification: XMW-19	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~78.61

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
---	60.56	76.95	16.39	---	10.0	30.0	5.0	GM ~78.61

	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

Time	Casing	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
1124	0.5	5.0	.8	60.96	6.50	23.21	422.0	1.95	.42	+216	SLIGHTLY CLOUDY
1128	1.0	10.0	1.3	60.94	6.68	23.20	301.0	1.96	.76	+41	" "
1133	1.5	15.0	1.0	60.78	6.79	23.43	356.0	1.94	.65	+43	" "
1138	2.0	20.0	1.0	60.75	6.76	23.47	289.0	1.94	.60	+37	" "
1143	2.5	25.0	1.0	60.75	6.86	23.48	145.0	1.93	.65	+11	CLEAR
1148	3.0	30.0	1.0	60.75	6.86	23.48	85.5	1.90	.66	-4	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
1118	1148	1.0	30	3	63.83	60.75	1150	XMW-19-WG032204-0001

Notes: TAIT HOSE

ft-bmp = feet below measuring point

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Project Name:	**Date:** 3.22.04
Project No.: EM2303A	**Prepared By:** SM
Well Identification: WCC-055	**Weather:** overcast ~70°
Measurement Point Description: TOC N	**Pump Intake:** ~64'

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
---	62.00	90.07	28.07	---	18	54	9	~64'

Well Diameter (in)	Gallons/Foot 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

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
1152	0.5	9	0.8	62.25	6.92	23.26	11	0.181	2.13	+83	
1157	1.0	18	SM 2.2 ~~5~~3	62.15	6.96	23.27	15.9	0.184	2.11	+84	
1205	1.5	27	SM 1.1 ~~X~~	62.16	7.00	23.30	10.6	0.186	1.99	+84	
1212	2.0	36	1.3	62.16	7.02	23.36	0	0.184	1.90	+81	
1221	2.5	45	1.0	62.15	7.03	23.47	0	0.184	1.82	+80	
1230	3.0	54	1.0	62.15	7.04	23.40	0	0.184	1.78	+81	

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
1140	1230	1.3	54	3	67.61	62.15	1235	DB-TAIT032204-0001-1100 EB-TAIT032204-0001-1100 WCC-055-WG032204-0001

Notes:

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

ENTERED 3/25/04

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance Annual GW	**Date:** 3/22/04
Project No.: EM2303A	**Prepared By:** GM
Well Identification: TMW_14	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~~80~~ 71

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
---	70.61	85.31	14.70	---	2.5	7.5	1.25	GM ~~80~~ 71

	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

Time	Casing	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
1301	0.5	1.25	.6	70.70	6.43	23.42	55.9	5.74	.72	+53	
1303	1.0	2.50	.6	70.80	6.43	23.43	46.9	5.60	.69	+54	
1305	1.5	3.75	.6	70.80	6.45	23.43	44.5	5.49	.67	+55	
1307	2.0	5.0	.6	70.80	6.45	23.95	16.3	4.81	.53	+60	
1309	2.5	6.25	.6	70.80	6.46	23.94	17.2	4.76	.54	+61	
1311	3.0	7.50	.6	70.80	6.46	23.95	17.2	4.71	.53	+62	

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
1259	1311	.6	8	3	73.55	70.80	1315	TMW_14_W032204_0001

Notes:

ft-bmp = feet below measuring point

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TAIT Environmental Management, Inc

3/25/04 TC

Groundwater Sampling Data Sheet

Page ___ of ___

Project Name: Torrance	**Date:** 3.22.04
Project No.: EM2303~~0~~B	**Prepared By:** SM
Well Identification: TMW-10	**Weather:** Sunny ~75°
Measurement Point Description: TOC N	**Pump Intake:** ~~MMd~~ ~60

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
---	61.00	78.00	17	---	3	9	1.5	~60

Well Diameter (in)	Gallons/Foot 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

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
1347	0.5	1.5	0.8	61.01	6.94	23.15	>999	0.188	1.61	+37	
1349	1.0	3.0	0.8	61.02	7.05	23.28	>999	0.193	0.76	+29	
*1351	1.5	4.5	0.8	61.40	7.12	23.56	>999	0.192	1.02	+41	
1355	2.0	6.0	0.8	61.45	7.21	23.21	239	0.191	2.80	+60	
1357	2.5	7.5	0.8	61.56	7.21	23.15	209	0.192	2.16	+60	
1359	3.0	9.0	0.8	61.58	7.22	23.17	112	0.192	2.18	+64	

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
1345	1359	0.8	9	3	47.40	61.56	1400	TMW-10-WG032204.0002 TMW-10-WG032204.0001

Notes: stopped 51-53

ft-bmp = fee: below measuring point

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TAIT Environmental Management, Inc

3/23/04 TCX

Groundwater Sampling Data Sheet

Page ___ of

Project Name: Torrance Annual GW	**Date:** 3/22/04
Project No.: EM2303AB	**Prepared By:** GM
Well Identification: TMW-15	**Weather:** PARTLY CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~80 72

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
—	68.68	87.20	18.52	—	3.0	9.0	1.5	GM ~80 72

	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: No LID (Good)

Time	Casing	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
1404	0.5	1.5	.8	72.80	6.84	23.04	396.0	.97	Ø	-98	CLOUDY/BROWN
1409	1.0	3.0	.3	70.43	6.77	24.24	289.0	1.09	Ø	-107	" "
1414	1.5	4.5	.3	70.32	6.78	24.40	245.0	1.12	Ø	-92	" "
1419	2.0	6.0	.3	71.18	6.83	24.04	115.0	1.02	Ø	-79	CLEAR
1423	2.5	7.5	.4	71.65	6.80	23.77	47.0	1.10	Ø	-79	CLEAR
1427	3.0	9.0	.4	71.81	6.86	23.95	68.6	1.12	Ø	-80	

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
1402	1427	.4	9.0	3.0	72.38	68.69	1430	TMW-15-WG032204_0001 ~~TMW-15-WG032204_0001~~

Notes:

ft-bmp = feet below measuring point

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APPENDIX B

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

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Beth Breitenbach

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 29, 2004

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

CH2M Hill

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 29, 2004

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Karen Adkison

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 29, 2004

EXECUTIVE SUMMARY - Detection Highlights

E4C220234

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TMW_10_WG032204_0001 03/22/04 14:00 001				
Dichlorodifluoromethane	1.9	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	1.4 J	2.0	ug/L	SW846 8260B
Chloroform	2.4	1.0	ug/L	SW846 8260B
Trichloroethene	4.2	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.81 J	1.0	ug/L	SW846 8260B
TMW_10_WG032204_0002 03/22/04 14:00 002				
Dichlorodifluoromethane	2.2	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	1.7 J	2.0	ug/L	SW846 8260B
Chloroform	2.7	1.0	ug/L	SW846 8260B
Trichloroethene	4.8	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.91 J	1.0	ug/L	SW846 8260B
WCC_05S_WG032204_0001 03/22/04 12:35 003				
Trichlorofluoromethane	1.2 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	5.9	1.0	ug/L	SW846 8260B
Chloroform	0.51 J	1.0	ug/L	SW846 8260B
Trichloroethene	1.5	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.40 J	1.0	ug/L	SW846 8260B
DB_TAIT032204_0001 03/22/04 11:00 004				
Methyl tert-butyl ether	0.98 J	1.0	ug/L	SW846 8260B
Benzene	0.49 J	1.0	ug/L	SW846 8260B
Toluene	2.1	1.0	ug/L	SW846 8260B
Ethylbenzene	0.20 J	1.0	ug/L	SW846 8260B
Xylenes (total)	0.80 J	1.0	ug/L	SW846 8260B
EB_TAIT032204_0001 03/22/04 11:00 005				
Methyl tert-butyl ether	0.70 J	1.0	ug/L	SW846 8260B
Benzene	0.48 J	1.0	ug/L	SW846 8260B
Toluene	2.2	1.0	ug/L	SW846 8260B
Ethylbenzene	0.22 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.1	1.0	ug/L	SW846 8260B
TB_TAIT032204_0001 03/22/04 006				
Acetone	4.5 J	10	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E4C220234

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TMW_15_WG032204_0001 03/22/04 14:30	**007**			
1,1-Dichloroethene	1.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.1	1.0	ug/L	SW846 8260B
Chloroform	4.1	1.0	ug/L	SW846 8260B
Trichloroethene	18	1.0	ug/L	SW846 8260B
XMW_19_WG032204_0001 03/22/04 11:50	**008**			
Trichlorofluoromethane	0.51 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	1.4	1.0	ug/L	SW846 8260B
Trichloroethene	6.1	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.88 J	1.0	ug/L	SW846 8260B
TMW_14_WG032204_0001 03/22/04 13:15	**009**			
Chloroform	2.1	1.0	ug/L	SW846 8260B
Carbon tetrachloride	2.2	0.50	ug/L	SW846 8260B
Trichloroethene	9.1	1.0	ug/L	SW846 8260B
Tetrachloroethene	2.1	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E4C220234

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E4C220234

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GCPEX	001	TMW_10_WG032204_0001	03/22/04	14:00
GCPE3	002	TMW_10_WG032204_0002	03/22/04	14:00
GCPE4	003	WCC_05S_WG032204_0001	03/22/04	12:35
GCPE5	004	DB_TAIT032204_0001	03/22/04	11:00
GCPE6	005	EB_TAIT032204_0001	03/22/04	11:00
GCPE8	006	TB_TAIT032204_0001	03/22/04	
GCPFA	007	TMW_15_WG032204_0001	03/22/04	14:30
GCPFC	008	XMW_19_WG032204_0001	03/22/04	11:50
GCPFD	009	TMW_14_WG032204_0001	03/22/04	13:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_10_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-001 **Work Order #...:** GCPEX1AA **Matrix.....:** WG
Date Sampled...: 03/22/04 14:00 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**1.9**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**1.4 J**	**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	1.0	ug/L
Acetone	ND	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	**2.4**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	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	**4.2**	**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	**0.81 J**	**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

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_10_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-001 **Work Order #...:** GCPEX1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_10_WG032204_0002

GC/MS Volatiles

Lot-Sample #...: E4C220234-002 **Work Order #...:** GCPE31AA **Matrix.....:** WG
Date Sampled...: 03/22/04 14:00 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**2.2**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**1.7 J**	**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	1.0	ug/L
Acetone	ND	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	**2.7**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	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	**4.8**	**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	**0.91 J**	**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)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_10_WG032204_0002

GC/MS Volatiles

Lot-Sample #...: E4C220234-002 **Work Order #...:** GCPE31AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: WCC_05S_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-003 **Work Order #...:** GCPE41AA **Matrix.....:** WG
Date Sampled...: 03/22/04 12:35 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	**1.2 J**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**5.9**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	**0.51 J**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	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	**1.5**	**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	**0.40 J**	**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)

TAIT ENVIRONMENTAL

Client Sample ID: WCC_05S_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-003 **Work Order #...:** GCPE41AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-004 **Work Order #...:** GCPE51AA **Matrix.....:** WG
Date Sampled...: 03/22/04 11:00 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	**0.98 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.49 J**	**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	**2.1**	**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	**0.20 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**0.80 J**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-004 **Work Order #...:** GCPE51AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	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	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-005 **Work Order #...:** GCPE61AA **Matrix.....:** WQ
Date Sampled...: 03/22/04 11:00 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	**0.70 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.48 J**	**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	**2.2**	**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	**0.22 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**1.1**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-005 **Work Order #...:** GCPE61AA **Matrix.....:** WQ

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-006 **Work Order #...:** GCPE81AA **Matrix.....:** WQ
Date Sampled...: 03/22/04 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	1.0	ug/L
Acetone	**4.5 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	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

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TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-006 **Work Order #...:** GCPE81AA **Matrix.....:** WQ

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	92	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_15_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-007 **Work Order #...:** GCPFA1AA **Matrix.....:** WG
Date Sampled...: 03/22/04 14:30 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	**1.1**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	**2.1**	**1.0**	**ug/L**
Chloroform	**4.1**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	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	**18**	**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

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_15_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-007 **Work Order #...:** GCPFA1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
Toluene-d8	96	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: XMW_19_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-008 **Work Order #...:** GCPFC1AA **Matrix.....:** WG
Date Sampled...: 03/22/04 11:50 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	**0.51 J**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**1.4**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**6.1**	**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	**0.88 J**	**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)

TAIT ENVIRONMENTAL

Client Sample ID: XMW_19_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-008 **Work Order #...:** GCPFC1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	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	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_14_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-009 **Work Order #...:** GCPFD1AA **Matrix.....:** WG
Date Sampled...: 03/22/04 13:15 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461 **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	1.0	ug/L
Acetone	ND	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	**2.1**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	**2.2**	**0.50**	**ug/L**
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	**9.1**	**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	**2.1**	**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)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_14_WG032204_0001

GC/MS Volatiles

Lot-Sample #...: E4C220234-009 **Work Order #...:** GCPFD1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	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	96	(80 - 130)

QC DATA ASSOCIATION SUMMARY

E4C220234

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		4086461	4086229
002	WG	SW846 8260B		4086461	4086229
003	WG	SW846 8260B		4086461	4086229
004	WG	SW846 8260B		4086461	4086229
005	WQ	SW846 8260B		4086461	4086229
006	WQ	SW846 8260B		4086461	4086229
007	WG	SW846 8260B		4086461	4086229
008	WG	SW846 8260B		4086461	4086229
009	WG	SW846 8260B		4086461	4086229

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AA **Matrix.....:** WATER
MB Lot-Sample #: E4C260000-461

Prep Date.....: 03/25/04
Analysis Date..: 03/25/04 **Prep Batch #...:** 4086461

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C260000-461
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	118	(40 - 160)	SW846 8260B
Chloromethane	122	(60 - 140)	SW846 8260B
Chloroethane	105	(60 - 140)	SW846 8260B
Bromomethane	219 a	(60 - 140)	SW846 8260B
t-Butanol	92	(40 - 150)	SW846 8260B
Trichlorofluoromethane	100	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	107	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**100**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	92	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	112	(70 - 130)	SW846 8260B
Carbon disulfide	97	(70 - 130)	SW846 8260B
Acetone	99	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	119	(70 - 130)	SW846 8260B
1,1-Dichloroethane	93	(70 - 130)	SW846 8260B
Dibromomethane	92	(70 - 130)	SW846 8260B
2,2-Dichloropropane	101	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	93	(70 - 130)	SW846 8260B
Chloroform	92	(70 - 130)	SW846 8260B
Bromochloromethane	94	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	95	(70 - 130)	SW846 8260B
2-Butanone	98	(60 - 140)	SW846 8260B
1,1-Dichloropropene	96	(70 - 130)	SW846 8260B
1,2-Dichloropropane	90	(70 - 130)	SW846 8260B
Carbon tetrachloride	97	(70 - 130)	SW846 8260B
1,3-Dichloropropane	89	(70 - 130)	SW846 8260B
1,2-Dibromoethane	89	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	93	(70 - 130)	SW846 8260B
Benzene	**95**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	88	(70 - 130)	SW846 8260B
Trichloroethene	**95**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	90	(70 - 130)	SW846 8260B
Isopropyl ether	97	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	96	(60 - 140)	SW846 8260B
Naphthalene	83	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C260000-461

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**92**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	88	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	94	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	99	(70 - 130)	SW846 8260B
1,2-Dichloroethane	90	(70 - 130)	SW846 8260B
Tetrachloroethene	95	(70 - 130)	SW846 8260B
2-Hexanone	98	(60 - 140)	SW846 8260B
Dibromochloromethane	88	(70 - 130)	SW846 8260B
Chlorobenzene	**90**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	93	(70 - 130)	SW846 8260B
Ethylbenzene	94	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)	SW846 8260B
Vinyl chloride	104	(60 - 140)	SW846 8260B
o-Xylene	94	(70 - 130)	SW846 8260B
Styrene	97	(70 - 130)	SW846 8260B
Bromoform	92	(70 - 130)	SW846 8260B
Isopropylbenzene	87	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	80	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	77	(70 - 130)	SW846 8260B
n-Propylbenzene	86	(70 - 130)	SW846 8260B
Bromobenzene	83	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	90	(70 - 130)	SW846 8260B
2-Chlorotoluene	87	(70 - 130)	SW846 8260B
4-Chlorotoluene	89	(70 - 130)	SW846 8260B
tert-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	91	(70 - 130)	SW846 8260B
sec-Butylbenzene	89	(70 - 130)	SW846 8260B
p-Isopropyltoluene	86	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	84	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	84	(70 - 130)	SW846 8260B
n-Butylbenzene	90	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	82	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	74	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	85	(70 - 130)	SW846 8260B
Hexachlorobutadiene	90	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C260000-461

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	84	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C260000-461
Prep Date.....: 03/25/04 **Analysis Date..:** 03/25/04
Prep Batch #...: 4086461

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	11.8	ug/L	118	SW846 8260B
Chloromethane	10.0	12.2	ug/L	122	SW846 8260B
Chloroethane	10.0	10.5	ug/L	105	SW846 8260B
Bromomethane	10.0	21.9 a	ug/L	219	SW846 8260B
t-Butanol	50.0	46.0	ug/L	92	SW846 8260B
Trichlorofluoromethane	10.0	10.0	ug/L	100	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	10.7	ug/L	107	SW846 8260B
1,1-Dichloroethene	**10.0**	**9.98**	**ug/L**	**100**	**SW846 8260B**
Methylene chloride	10.0	9.15	ug/L	92	SW846 8260B
Methyl tert-butyl ether	10.0	11.2	ug/L	112	SW846 8260B
Carbon disulfide	50.0	48.7	ug/L	97	SW846 8260B
Acetone	50.0	49.4	ug/L	99	SW846 8260B
trans-1,2-Dichloroethene	10.0	11.9	ug/L	119	SW846 8260B
1,1-Dichloroethane	10.0	9.26	ug/L	93	SW846 8260B
Dibromomethane	10.0	9.25	ug/L	92	SW846 8260B
2,2-Dichloropropane	10.0	10.1	ug/L	101	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.26	ug/L	93	SW846 8260B
Chloroform	10.0	9.18	ug/L	92	SW846 8260B
Bromochloromethane	10.0	9.35	ug/L	94	SW846 8260B
1,1,1-Trichloroethane	10.0	9.47	ug/L	95	SW846 8260B
2-Butanone	50.0	49.0	ug/L	98	SW846 8260B
1,1-Dichloropropene	10.0	9.64	ug/L	96	SW846 8260B
1,2-Dichloropropane	10.0	9.02	ug/L	90	SW846 8260B
Carbon tetrachloride	10.0	9.72	ug/L	97	SW846 8260B
1,3-Dichloropropane	10.0	8.93	ug/L	89	SW846 8260B
1,2-Dibromoethane	10.0	8.89	ug/L	89	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.30	ug/L	93	SW846 8260B
Benzene	**10.0**	**9.51**	**ug/L**	**95**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.80	ug/L	88	SW846 8260B
Trichloroethene	**10.0**	**9.52**	**ug/L**	**95**	**SW846 8260B**
Bromodichloromethane	10.0	9.03	ug/L	90	SW846 8260B
Isopropyl ether	10.0	9.70	ug/L	97	SW846 8260B
4-Methyl-2-pentanone	50.0	48.1	ug/L	96	SW846 8260B
Naphthalene	10.0	8.28	ug/L	83	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C260000-461

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.75	ug/L	88	SW846 8260B
Tert-amyl methyl ether	10.0	9.39	ug/L	94	SW846 8260B
Tert-butyl ethyl ether	10.0	9.88	ug/L	99	SW846 8260B
1,2-Dichloroethane	10.0	8.98	ug/L	90	SW846 8260B
Tetrachloroethene	10.0	9.49	ug/L	95	SW846 8260B
2-Hexanone	50.0	48.8	ug/L	98	SW846 8260B
Dibromochloromethane	10.0	8.76	ug/L	88	SW846 8260B
Chlorobenzene	**10.0**	**8.96**	**ug/L**	**90**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	9.34	ug/L	93	SW846 8260B
Ethylbenzene	10.0	9.39	ug/L	94	SW846 8260B
m-Xylene & p-Xylene	20.0	18.8	ug/L	94	SW846 8260B
Vinyl chloride	10.0	10.4	ug/L	104	SW846 8260B
o-Xylene	10.0	9.38	ug/L	94	SW846 8260B
Styrene	10.0	9.66	ug/L	97	SW846 8260B
Bromoform	10.0	9.23	ug/L	92	SW846 8260B
Isopropylbenzene	10.0	8.70	ug/L	87	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.99	ug/L	80	SW846 8260B
1,2,3-Trichloropropane	10.0	7.74	ug/L	77	SW846 8260B
n-Propylbenzene	10.0	8.62	ug/L	86	SW846 8260B
Bromobenzene	10.0	8.32	ug/L	83	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.03	ug/L	90	SW846 8260B
2-Chlorotoluene	10.0	8.68	ug/L	87	SW846 8260B
4-Chlorotoluene	10.0	8.90	ug/L	89	SW846 8260B
tert-Butylbenzene	10.0	8.77	ug/L	88	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.14	ug/L	91	SW846 8260B
sec-Butylbenzene	10.0	8.94	ug/L	89	SW846 8260B
p-Isopropyltoluene	10.0	8.65	ug/L	86	SW846 8260B
1,3-Dichlorobenzene	10.0	8.41	ug/L	84	SW846 8260B
1,4-Dichlorobenzene	10.0	8.43	ug/L	84	SW846 8260B
n-Butylbenzene	10.0	8.99	ug/L	90	SW846 8260B
1,2-Dichlorobenzene	10.0	8.20	ug/L	82	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.36	ug/L	74	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.53	ug/L	85	SW846 8260B
Hexachlorobutadiene	10.0	9.01	ug/L	90	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GC18R1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C260000-461

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.38	ug/L	84	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GCPEX1AC-MS **Matrix.....:** WG
MS Lot-Sample #: E4C220234-001 GCPEX1AD-MSD
Date Sampled...: 03/22/04 14:00 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/26/04 **Analysis Date..:** 03/26/04
Prep Batch #...: 4086461

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	121	(65 - 135)			SW846 8260B
	118	(65 - 135)	2.7	(0-25)	SW846 8260B
Benzene	107	(75 - 125)			SW846 8260B
	111	(75 - 125)	4.0	(0-25)	SW846 8260B
Trichloroethene	107	(75 - 135)			SW846 8260B
	108	(75 - 135)	0.66	(0-25)	SW846 8260B
Toluene	101	(75 - 125)			SW846 8260B
	105	(75 - 125)	3.5	(0-25)	SW846 8260B
Chlorobenzene	96	(75 - 125)			SW846 8260B
	99	(75 - 125)	3.7	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	96	(75 - 130)
1,2-Dichloroethane-d4	82	(65 - 135)
	90	(65 - 135)
Toluene-d8	96	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C220234 **Work Order #...:** GCPEX1AC-MS **Matrix.....:** WG
MS Lot-Sample #: E4C220234-001 GCPEX1AD-MSD
Date Sampled...: 03/22/04 14:00 **Date Received..:** 03/22/04 17:30
Prep Date.....: 03/26/04 **Analysis Date..:** 03/26/04
Prep Batch #...: 4086461

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	12.1	ug/L	121		SW846 8260B
	ND	10.0	11.8	ug/L	118	2.7	SW846 8260B
Benzene	ND	10.0	10.7	ug/L	107		SW846 8260B
	ND	10.0	11.1	ug/L	111	4.0	SW846 8260B
Trichloroethene	4.2	10.0	14.9	ug/L	107		SW846 8260B
	4.2	10.0	15.0	ug/L	108	0.66	SW846 8260B
Toluene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.5	ug/L	105	3.5	SW846 8260B
Chlorobenzene	ND	10.0	9.55	ug/L	96		SW846 8260B
	ND	10.0	9.91	ug/L	99	3.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	96	(75 - 130)
1,2-Dichloroethane-d4	82	(65 - 135)
	90	(65 - 135)
Toluene-d8	96	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Beth Breitenbach

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

CH2M Hill

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Karen Adkison

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

EXECUTIVE SUMMARY - Detection Highlights

E4C230321

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
CMW001_WG032304_0001 03/23/04 13:50 001				
Chlorobenzene	12000	250	ug/L	SW846 8260B
WCC_09S_WG032304_0001 03/23/04 10:10 002				
Dichlorodifluoromethane	2.0	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	0.92 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	4.5	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	1.9	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	5.1	1.0	ug/L	SW846 8260B
Chloroform	9.2	1.0	ug/L	SW846 8260B
Trichloroethene	56	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.55 J	1.0	ug/L	SW846 8260B
TMW_06_WG032304_0001 03/23/04 11:25 003				
1,1-Dichloroethene	8.4	2.5	ug/L	SW846 8260B
1,1-Dichloroethane	0.64 J	2.5	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.5 J	2.5	ug/L	SW846 8260B
Chloroform	130	2.5	ug/L	SW846 8260B
Trichloroethene	160	2.5	ug/L	SW846 8260B
CMW002_WG032304_0001 03/23/04 12:35 004				
Benzene	33 J	100	ug/L	SW846 8260B
Trichloroethene	540	100	ug/L	SW846 8260B
Chlorobenzene	5400	100	ug/L	SW846 8260B
BL_03_WG032304_0001 03/23/04 14:00 005				
1,1-Dichloroethene	8.5 J	12	ug/L	SW846 8260B
Trichloroethene	660	12	ug/L	SW846 8260B
Tetrachloroethene	12	12	ug/L	SW846 8260B
Chlorobenzene	4.7 J	12	ug/L	SW846 8260B
TMW_11_WG032304_0001 03/23/04 10:20 006				
Chloroform	380	10	ug/L	SW846 8260B
Carbon tetrachloride	3.2 J	5.0	ug/L	SW846 8260B
Trichloroethene	9.0 J	10	ug/L	SW846 8260B
Tetrachloroethene	4.0 J	10	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E4C230321

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB_TAIT032304_0001 03/23/04 007				
Acetone	18	10	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	0.41 J	1.0	ug/L	SW846 8260B
DB_TAIT032304_0001 03/23/04 07:30 008				
Methyl tert-butyl ether	0.94 J	1.0	ug/L	SW846 8260B
Benzene	0.55 J	1.0	ug/L	SW846 8260B
Toluene	2.6	1.0	ug/L	SW846 8260B
Ethylbenzene	0.26 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.3	1.0	ug/L	SW846 8260B
EB_TAIT032304_0001 03/23/04 07:30 009				
Methyl tert-butyl ether	0.94 J	1.0	ug/L	SW846 8260B
Benzene	0.57 J	1.0	ug/L	SW846 8260B
Toluene	2.6	1.0	ug/L	SW846 8260B
Ethylbenzene	0.25 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.3	1.0	ug/L	SW846 8260B
TMW_11_WG032304_0002 03/23/04 10:20 010				
Chloroform	280	10	ug/L	SW846 8260B
Trichloroethene	13	10	ug/L	SW846 8260B
Tetrachloroethene	3.6 J	10	ug/L	SW846 8260B
TRIP BLANK 03/18/04 011				
Acetone	6.1 J	10	ug/L	SW846 8260B

METHODS SUMMARY

E4C230321

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E4C230321

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GCQ86	001	CMW001_WG032304_0001	03/23/04	13:50
GCQ87	002	WCC_09S_WG032304_0001	03/23/04	10:10
GCQ88	003	TMW_06_WG032304_0001	03/23/04	11:25
GCQ89	004	CMW002_WG032304_0001	03/23/04	12:35
GCQ9A	005	BL_03_WG032304_0001	03/23/04	14:00
GCQ9C	006	TMW_11_WG032304_0001	03/23/04	10:20
GCQ9D	007	TB_TAIT032304_0001	03/23/04	
GCQ9E	008	DB_TAIT032304_0001	03/23/04	07:30
GCQ9F	009	EB_TAIT032304_0001	03/23/04	07:30
GCQ9H	010	TMW_11_WG032304_0002	03/23/04	10:20
GCQ9J	011	TRIP BLANK	03/18/04	

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: CMW001_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-001 **Work Order #...:** GCQ861AA **Matrix.....:** WG
Date Sampled...: 03/23/04 13:50 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	250	ug/L
Chloromethane	ND	500	ug/L
Chloroethane	ND	500	ug/L
Bromomethane	ND	500	ug/L
Trichlorofluoromethane	ND	500	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	250	ug/L
1,1-Dichloroethene	ND	250	ug/L
Methylene chloride	ND	250	ug/L
Methyl tert-butyl ether	ND	250	ug/L
Carbon disulfide	ND	250	ug/L
Acetone	ND	2500	ug/L
trans-1,2-Dichloroethene	ND	250	ug/L
1,1-Dichloroethane	ND	250	ug/L
2,2-Dichloropropane	ND	250	ug/L
cis-1,2-Dichloroethene	ND	250	ug/L
Chloroform	ND	250	ug/L
Bromochloromethane	ND	250	ug/L
1,1,1-Trichloroethane	ND	250	ug/L
2-Butanone	ND	1200	ug/L
1,1-Dichloropropene	ND	250	ug/L
Carbon tetrachloride	ND	120	ug/L
1,2-Dibromoethane	ND	250	ug/L
Benzene	ND	250	ug/L
Trichloroethene	ND	250	ug/L
Bromodichloromethane	ND	250	ug/L
4-Methyl-2-pentanone	ND	1200	ug/L
Toluene	ND	250	ug/L
1,1,2-Trichloroethane	ND	250	ug/L
1,2-Dichloroethane	ND	120	ug/L
Tetrachloroethene	ND	250	ug/L
2-Hexanone	ND	1200	ug/L
Dibromochloromethane	ND	250	ug/L
Chlorobenzene	**12000**	**250**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	250	ug/L
Ethylbenzene	ND	250	ug/L
Vinyl chloride	ND	120	ug/L
Xylenes (total)	ND	250	ug/L
Styrene	ND	250	ug/L
Bromoform	ND	250	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: CMW001_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-001 **Work Order #...:** GCQ861AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	250	ug/L
1,1,2,2-Tetrachloroethane	ND	250	ug/L
1,2,3-Trichloropropane	ND	250	ug/L
n-Propylbenzene	ND	250	ug/L
Bromobenzene	ND	250	ug/L
1,3,5-Trimethylbenzene	ND	250	ug/L
2-Chlorotoluene	ND	250	ug/L
4-Chlorotoluene	ND	250	ug/L
tert-Butylbenzene	ND	250	ug/L
1,2,4-Trimethylbenzene	ND	250	ug/L
sec-Butylbenzene	ND	250	ug/L
p-Isopropyltoluene	ND	250	ug/L
1,3-Dichlorobenzene	ND	250	ug/L
1,4-Dichlorobenzene	ND	250	ug/L
n-Butylbenzene	ND	250	ug/L
1,2-Dichlorobenzene	ND	250	ug/L
1,2-Dibromo-3-chloro-propane	ND	500	ug/L
1,2,4-Trichloro-benzene	ND	250	ug/L
Hexachlorobutadiene	ND	250	ug/L
1,2,3-Trichlorobenzene	ND	250	ug/L
Acrolein	ND	5000	ug/L
Acrylonitrile	ND	5000	ug/L
Iodomethane	ND	500	ug/L
2-Chloroethyl vinyl ether	ND	1200	ug/L
Tetrahydrofuran	ND	2500	ug/L
Vinyl acetate	ND	1200	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	109	(65 - 135)
Toluene-d8	102	(80 - 130)

TAIT ENVIRONMENTAL

CMW001_WG032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-001 **Work Order #:** GCQ861AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: WCC_09S_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-002 **Work Order #...:** GCQ871AA **Matrix.....:** WG
Date Sampled...: 03/23/04 10:10 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**2.0**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**0.92 J**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**4.5**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	10	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	**1.9**	**1.0**	**ug/L**
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**5.1**	**1.0**	**ug/L**
Chloroform	**9.2**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	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	**56**	**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	**0.55 J**	**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

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TAIT ENVIRONMENTAL

Client Sample ID: WCC_09S_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-002 **Work Order #...:** GCQ871AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
1,2-Dichloroethane-d4	113	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

WCC_09S_WG032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-002 **Work Order #:** GCQ871AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: TMW_06_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-003 **Work Order #...:** GCQ881AA **Matrix.....:** WG
Date Sampled...: 03/23/04 11:25 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.5	ug/L
Chloromethane	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	2.5	ug/L
1,1-Dichloroethene	**8.4**	**2.5**	**ug/L**
Methylene chloride	ND	2.5	ug/L
Methyl tert-butyl ether	ND	2.5	ug/L
Carbon disulfide	ND	2.5	ug/L
Acetone	ND	25	ug/L
trans-1,2-Dichloroethene	ND	2.5	ug/L
1,1-Dichloroethane	**0.64 J**	**2.5**	**ug/L**
2,2-Dichloropropane	ND	2.5	ug/L
cis-1,2-Dichloroethene	**1.5 J**	**2.5**	**ug/L**
Chloroform	**130**	**2.5**	**ug/L**
Bromochloromethane	ND	2.5	ug/L
1,1,1-Trichloroethane	ND	2.5	ug/L
2-Butanone	ND	12	ug/L
1,1-Dichloropropene	ND	2.5	ug/L
Carbon tetrachloride	ND	1.2	ug/L
1,2-Dibromoethane	ND	2.5	ug/L
Benzene	ND	2.5	ug/L
Trichloroethene	**160**	**2.5**	**ug/L**
Bromodichloromethane	ND	2.5	ug/L
4-Methyl-2-pentanone	ND	12	ug/L
Toluene	ND	2.5	ug/L
1,1,2-Trichloroethane	ND	2.5	ug/L
1,2-Dichloroethane	ND	1.2	ug/L
Tetrachloroethene	ND	2.5	ug/L
2-Hexanone	ND	12	ug/L
Dibromochloromethane	ND	2.5	ug/L
Chlorobenzene	ND	2.5	ug/L
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L
Ethylbenzene	ND	2.5	ug/L
Vinyl chloride	ND	1.2	ug/L
Xylenes (total)	ND	2.5	ug/L
Styrene	ND	2.5	ug/L
Bromoform	ND	2.5	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_06_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-003 **Work Order #...:** GCQ881AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	2.5	ug/L
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
n-Propylbenzene	ND	2.5	ug/L
Bromobenzene	ND	2.5	ug/L
1,3,5-Trimethylbenzene	ND	2.5	ug/L
2-Chlorotoluene	ND	2.5	ug/L
4-Chlorotoluene	ND	2.5	ug/L
tert-Butylbenzene	ND	2.5	ug/L
1,2,4-Trimethylbenzene	ND	2.5	ug/L
sec-Butylbenzene	ND	2.5	ug/L
p-Isopropyltoluene	ND	2.5	ug/L
1,3-Dichlorobenzene	ND	2.5	ug/L
1,4-Dichlorobenzene	ND	2.5	ug/L
n-Butylbenzene	ND	2.5	ug/L
1,2-Dichlorobenzene	ND	2.5	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	2.5	ug/L
Hexachlorobutadiene	ND	2.5	ug/L
1,2,3-Trichlorobenzene	ND	2.5	ug/L
Acrolein	ND	50	ug/L
Acrylonitrile	ND	50	ug/L
Iodomethane	ND	5.0	ug/L
2-Chloroethyl vinyl ether	ND	12	ug/L
Tetrahydrofuran	ND	25	ug/L
Vinyl acetate	ND	12	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
1,2-Dichloroethane-d4	110	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

TMW_06_WG032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-003 **Work Order #:** GCQ881AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: CMW002_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-004 **Work Order #...:** GCQ891AA **Matrix.....:** WG
Date Sampled...: 03/23/04 12:35 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	100	ug/L
Chloromethane	ND	200	ug/L
Chloroethane	ND	200	ug/L
Bromomethane	ND	200	ug/L
Trichlorofluoromethane	ND	200	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	100	ug/L
1,1-Dichloroethene	ND	100	ug/L
Methylene chloride	ND	100	ug/L
Methyl tert-butyl ether	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Acetone	ND	1000	ug/L
trans-1,2-Dichloroethene	ND	100	ug/L
1,1-Dichloroethane	ND	100	ug/L
2,2-Dichloropropane	ND	100	ug/L
cis-1,2-Dichloroethene	ND	100	ug/L
Chloroform	ND	100	ug/L
Bromochloromethane	ND	100	ug/L
1,1,1-Trichloroethane	ND	100	ug/L
2-Butanone	ND	500	ug/L
1,1-Dichloropropene	ND	100	ug/L
Carbon tetrachloride	ND	50	ug/L
1,2-Dibromoethane	ND	100	ug/L
Benzene	**33 J**	**100**	**ug/L**
Trichloroethene	**540**	**100**	**ug/L**
Bromodichloromethane	ND	100	ug/L
4-Methyl-2-pentanone	ND	500	ug/L
Toluene	ND	100	ug/L
1,1,2-Trichloroethane	ND	100	ug/L
1,2-Dichloroethane	ND	50	ug/L
Tetrachloroethene	ND	100	ug/L
2-Hexanone	ND	500	ug/L
Dibromochloromethane	ND	100	ug/L
Chlorobenzene	**5400**	**100**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	100	ug/L
Ethylbenzene	ND	100	ug/L
Vinyl chloride	ND	50	ug/L
Xylenes (total)	ND	100	ug/L
Styrene	ND	100	ug/L
Bromoform	ND	100	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: CMW002_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-004 **Work Order #...:** GCQ891AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	100	ug/L
1,1,2,2-Tetrachloroethane	ND	100	ug/L
1,2,3-Trichloropropane	ND	100	ug/L
n-Propylbenzene	ND	100	ug/L
Bromobenzene	ND	100	ug/L
1,3,5-Trimethylbenzene	ND	100	ug/L
2-Chlorotoluene	ND	100	ug/L
4-Chlorotoluene	ND	100	ug/L
tert-Butylbenzene	ND	100	ug/L
1,2,4-Trimethylbenzene	ND	100	ug/L
sec-Butylbenzene	ND	100	ug/L
p-Isopropyltoluene	ND	100	ug/L
1,3-Dichlorobenzene	ND	100	ug/L
1,4-Dichlorobenzene	ND	100	ug/L
n-Butylbenzene	ND	100	ug/L
1,2-Dichlorobenzene	ND	100	ug/L
1,2-Dibromo-3-chloro-propane	ND	200	ug/L
1,2,4-Trichloro-benzene	ND	100	ug/L
Hexachlorobutadiene	ND	100	ug/L
1,2,3-Trichlorobenzene	ND	100	ug/L
Acrolein	ND	2000	ug/L
Acrylonitrile	ND	2000	ug/L
Iodomethane	ND	200	ug/L
2-Chloroethyl vinyl ether	ND	500	ug/L
Tetrahydrofuran	ND	1000	ug/L
Vinyl acetate	ND	500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	113	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

CMW002_WG032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-004 **Work Order #:** GCQ891AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: BL_03_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-005 **Work Order #...:** GCQ9A1AA **Matrix.....:** WG
Date Sampled...: 03/23/04 14:00 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	12	ug/L
Chloromethane	ND	25	ug/L
Chloroethane	ND	25	ug/L
Bromomethane	ND	25	ug/L
Trichlorofluoromethane	ND	25	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	12	ug/L
1,1-Dichloroethene	**8.5 J**	**12**	**ug/L**
Methylene chloride	ND	12	ug/L
Methyl tert-butyl ether	ND	12	ug/L
Carbon disulfide	ND	12	ug/L
Acetone	ND	120	ug/L
trans-1,2-Dichloroethene	ND	12	ug/L
1,1-Dichloroethane	ND	12	ug/L
2,2-Dichloropropane	ND	12	ug/L
cis-1,2-Dichloroethene	ND	12	ug/L
Chloroform	ND	12	ug/L
Bromochloromethane	ND	12	ug/L
1,1,1-Trichloroethane	ND	12	ug/L
2-Butanone	ND	62	ug/L
1,1-Dichloropropene	ND	12	ug/L
Carbon tetrachloride	ND	6.2	ug/L
1,2-Dibromoethane	ND	12	ug/L
Benzene	ND	12	ug/L
Trichloroethene	**660**	**12**	**ug/L**
Bromodichloromethane	ND	12	ug/L
4-Methyl-2-pentanone	ND	62	ug/L
Toluene	ND	12	ug/L
1,1,2-Trichloroethane	ND	12	ug/L
1,2-Dichloroethane	ND	6.2	ug/L
Tetrachloroethene	**12**	**12**	**ug/L**
2-Hexanone	ND	62	ug/L
Dibromochloromethane	ND	12	ug/L
Chlorobenzene	**4.7 J**	**12**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	12	ug/L
Ethylbenzene	ND	12	ug/L
Vinyl chloride	ND	6.2	ug/L
Xylenes (total)	ND	12	ug/L
Styrene	ND	12	ug/L
Bromoform	ND	12	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: BL_03_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-005 **Work Order #...:** GCQ9A1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	12	ug/L
1,1,2,2-Tetrachloroethane	ND	12	ug/L
1,2,3-Trichloropropane	ND	12	ug/L
n-Propylbenzene	ND	12	ug/L
Bromobenzene	ND	12	ug/L
1,3,5-Trimethylbenzene	ND	12	ug/L
2-Chlorotoluene	ND	12	ug/L
4-Chlorotoluene	ND	12	ug/L
tert-Butylbenzene	ND	12	ug/L
1,2,4-Trimethylbenzene	ND	12	ug/L
sec-Butylbenzene	ND	12	ug/L
p-Isopropyltoluene	ND	12	ug/L
1,3-Dichlorobenzene	ND	12	ug/L
1,4-Dichlorobenzene	ND	12	ug/L
n-Butylbenzene	ND	12	ug/L
1,2-Dichlorobenzene	ND	12	ug/L
1,2-Dibromo-3-chloro-propane	ND	25	ug/L
1,2,4-Trichloro-benzene	ND	12	ug/L
Hexachlorobutadiene	ND	12	ug/L
1,2,3-Trichlorobenzene	ND	12	ug/L
Acrolein	ND	250	ug/L
Acrylonitrile	ND	250	ug/L
Iodomethane	ND	25	ug/L
2-Chloroethyl vinyl ether	ND	62	ug/L
Tetrahydrofuran	ND	120	ug/L
Vinyl acetate	ND	62	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	113	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

BL_03_WG032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-005 **Work Order #:** GCQ9A1AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: TMW_11_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-006 **Work Order #...:** GCQ9C1AA **Matrix.....:** WG
Date Sampled...: 03/23/04 10:20 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **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	ND	10	ug/L
Methylene chloride	ND	10	ug/L
Methyl tert-butyl ether	ND	10	ug/L
Carbon disulfide	ND	10	ug/L
Acetone	ND	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	**380**	**10**	**ug/L**
Bromochloromethane	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
2-Butanone	ND	50	ug/L
1,1-Dichloropropene	ND	10	ug/L
Carbon tetrachloride	**3.2 J**	**5.0**	**ug/L**
1,2-Dibromoethane	ND	10	ug/L
Benzene	ND	10	ug/L
Trichloroethene	**9.0 J**	**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	**4.0 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

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_11_WG032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-006 **Work Order #...:** GCQ9C1AA **Matrix.....:** WG

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	20	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
Acrolein	ND	200	ug/L
Acrylonitrile	ND	200	ug/L
Iodomethane	ND	20	ug/L
2-Chloroethyl vinyl ether	ND	50	ug/L
Tetrahydrofuran	ND	100	ug/L
Vinyl acetate	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
1,2-Dichloroethane-d4	114	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

TMW_11_WG032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-006 **Work Order #:** GCQ9C1AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-007 **Work Order #...:** GCQ9D1AA **Matrix.....:** WG
Date Sampled...: 03/23/04 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **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	1.0	ug/L
Acetone	**18**	**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	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

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TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-007 **Work Order #...:** GCQ9D1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	**0.41 J**	**1.0**	**ug/L**
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

TB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-007 **Work Order #:** GCQ9D1AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-008 **Work Order #...:** GCQ9E1AA **Matrix.....:** WG
Date Sampled...: 03/23/04 07:30 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **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	**0.94 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.55 J**	**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	**2.6**	**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	**0.26 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**1.3**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-008 **Work Order #...:** GCQ9E1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	115	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

DB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-008 **Work Order #:** GCQ9E1AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-009 **Work Order #...:** GCQ9F1AA **Matrix.....:** WG
Date Sampled...: 03/23/04 07:30 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **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	**0.94 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.57 J**	**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	**2.6**	**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	**0.25 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**1.3**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #...: E4C230321-009 **Work Order #...:** GCQ9F1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

EB_TAIT032304_0001

GC/MS Volatiles

Lot-Sample #: E4C230321-009 **Work Order #:** GCQ9F1AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: TMW_11_WG032304_0002

GC/MS Volatiles

Lot-Sample #...: E4C230321-010 **Work Order #...:** GCQ9H1AA **Matrix.....:** WG
Date Sampled...: 03/23/04 10:20 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **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	ND	10	ug/L
Methylene chloride	ND	10	ug/L
Methyl tert-butyl ether	ND	10	ug/L
Carbon disulfide	ND	10	ug/L
Acetone	ND	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	**280**	**10**	**ug/L**
Bromochloromethane	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
2-Butanone	ND	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	**13**	**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	**3.6 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

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_11_WG032304_0002

GC/MS Volatiles

Lot-Sample #...: E4C230321-010 **Work Order #...:** GCQ9H1AA **Matrix.....:** WG

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	20	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
Acrolein	ND	200	ug/L
Acrylonitrile	ND	200	ug/L
Iodomethane	ND	20	ug/L
2-Chloroethyl vinyl ether	ND	50	ug/L
Tetrahydrofuran	ND	100	ug/L
Vinyl acetate	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E4C230321-011 **Work Order #...:** GCQ9J1AA **Matrix.....:** WQ
Date Sampled...: 03/18/04 **Date Received..:** 03/23/04 17:05
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130 **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	1.0	ug/L
Acetone	**6.1 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	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

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TAIT ENVIRONMENTAL

Client Sample ID: TRIP BLANK

GC/MS Volatiles

Lot-Sample #...: E4C230321-011 **Work Order #...:** GCQ9J1AA **Matrix.....:** WQ

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	100	(65 - 135)
Toluene-d8	99	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

TRIP BLANK

GC/MS Volatiles

Lot-Sample #: E4C230321-011 **Work Order #:** GCQ9J1AA **Matrix:** WQ

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

QC DATA ASSOCIATION SUMMARY

E4C230321

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		4088130	4088021
002	WG	SW846 8260B		4088130	4088021
003	WG	SW846 8260B		4088130	4088021
004	WG	SW846 8260B		4088130	4088021
005	WG	SW846 8260B		4088130	4088021
006	WG	SW846 8260B		4088130	4088021
007	WG	SW846 8260B		4088130	4088021
008	WG	SW846 8260B		4088130	4088021
009	WG	SW846 8260B		4088130	4088021
010	WG	SW846 8260B		4090792	4090412
011	WQ	SW846 8260B		4088130	4088021

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AA **Matrix.....:** WATER
MB Lot-Sample #: E4C280000-130

Prep Date.....: 03/27/04
Analysis Date..: 03/27/04 **Prep Batch #...:** 4088130

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AA **Matrix.....:** WATER
MB Lot-Sample #: E4C300000-792

Prep Date.....: 03/29/04
Analysis Date..: 03/29/04 **Prep Batch #...:** 4090792

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C280000-130
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	142	(40 - 160)	SW846 8260B
Chloromethane	145 a	(60 - 140)	SW846 8260B
Chloroethane	121	(60 - 140)	SW846 8260B
Bromomethane	204 a	(60 - 140)	SW846 8260B
t-Butanol	106	(40 - 150)	SW846 8260B
Trichlorofluoromethane	109	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	116	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**103**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	97	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	95	(70 - 130)	SW846 8260B
Carbon disulfide	102	(70 - 130)	SW846 8260B
Acetone	112	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	95	(70 - 130)	SW846 8260B
1,1-Dichloroethane	98	(70 - 130)	SW846 8260B
Dibromomethane	95	(70 - 130)	SW846 8260B
2,2-Dichloropropane	104	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	93	(70 - 130)	SW846 8260B
Chloroform	97	(70 - 130)	SW846 8260B
Bromochloromethane	98	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	99	(70 - 130)	SW846 8260B
2-Butanone	103	(60 - 140)	SW846 8260B
1,1-Dichloropropene	93	(70 - 130)	SW846 8260B
1,2-Dichloropropane	88	(70 - 130)	SW846 8260B
Carbon tetrachloride	101	(70 - 130)	SW846 8260B
1,3-Dichloropropane	88	(70 - 130)	SW846 8260B
1,2-Dibromoethane	86	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	92	(70 - 130)	SW846 8260B
Benzene	**92**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	86	(70 - 130)	SW846 8260B
Trichloroethene	**92**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	94	(70 - 130)	SW846 8260B
Isopropyl ether	99	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	99	(60 - 140)	SW846 8260B
Naphthalene	78	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C280000-130

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	84	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	93	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	100	(70 - 130)	SW846 8260B
1,2-Dichloroethane	99	(70 - 130)	SW846 8260B
Tetrachloroethene	85	(70 - 130)	SW846 8260B
2-Hexanone	100	(60 - 140)	SW846 8260B
Dibromochloromethane	85	(70 - 130)	SW846 8260B
Chlorobenzene	**87**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	93	(70 - 130)	SW846 8260B
Ethylbenzene	88	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	87	(70 - 130)	SW846 8260B
Vinyl chloride	102	(60 - 140)	SW846 8260B
o-Xylene	87	(70 - 130)	SW846 8260B
Styrene	90	(70 - 130)	SW846 8260B
Bromoform	85	(70 - 130)	SW846 8260B
Isopropylbenzene	83	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	75	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	79	(70 - 130)	SW846 8260B
n-Propylbenzene	80	(70 - 130)	SW846 8260B
Bromobenzene	82	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	84	(70 - 130)	SW846 8260B
2-Chlorotoluene	84	(70 - 130)	SW846 8260B
4-Chlorotoluene	83	(70 - 130)	SW846 8260B
tert-Butylbenzene	84	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	86	(70 - 130)	SW846 8260B
sec-Butylbenzene	84	(70 - 130)	SW846 8260B
p-Isopropyltoluene	79	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	76	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	78	(70 - 130)	SW846 8260B
n-Butylbenzene	83	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	80	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	65	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	83	(70 - 130)	SW846 8260B
Hexachlorobutadiene	88	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C280000-130

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	80	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C280000-130
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	14.2	ug/L	142	SW846 8260B
Chloromethane	10.0	14.5 a	ug/L	145	SW846 8260B
Chloroethane	10.0	12.1	ug/L	121	SW846 8260B
Bromomethane	10.0	20.4 a	ug/L	204	SW846 8260B
t-Butanol	50.0	52.8	ug/L	106	SW846 8260B
Trichlorofluoromethane	10.0	10.9	ug/L	109	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	11.6	ug/L	116	SW846 8260B
1,1-Dichloroethene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Methylene chloride	10.0	9.67	ug/L	97	SW846 8260B
Methyl tert-butyl ether	10.0	9.48	ug/L	95	SW846 8260B
Carbon disulfide	50.0	50.9	ug/L	102	SW846 8260B
Acetone	50.0	55.9	ug/L	112	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.54	ug/L	95	SW846 8260B
1,1-Dichloroethane	10.0	9.75	ug/L	98	SW846 8260B
Dibromomethane	10.0	9.46	ug/L	95	SW846 8260B
2,2-Dichloropropane	10.0	10.4	ug/L	104	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.32	ug/L	93	SW846 8260B
Chloroform	10.0	9.66	ug/L	97	SW846 8260B
Bromochloromethane	10.0	9.78	ug/L	98	SW846 8260B
1,1,1-Trichloroethane	10.0	9.89	ug/L	99	SW846 8260B
2-Butanone	50.0	51.7	ug/L	103	SW846 8260B
1,1-Dichloropropene	10.0	9.30	ug/L	93	SW846 8260B
1,2-Dichloropropane	10.0	8.85	ug/L	88	SW846 8260B
Carbon tetrachloride	10.0	10.1	ug/L	101	SW846 8260B
1,3-Dichloropropane	10.0	8.84	ug/L	88	SW846 8260B
1,2-Dibromoethane	10.0	8.55	ug/L	86	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.22	ug/L	92	SW846 8260B
Benzene	**10.0**	**9.24**	**ug/L**	**92**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.60	ug/L	86	SW846 8260B
Trichloroethene	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
Bromodichloromethane	10.0	9.40	ug/L	94	SW846 8260B
Isopropyl ether	10.0	9.91	ug/L	99	SW846 8260B
4-Methyl-2-pentanone	50.0	49.6	ug/L	99	SW846 8260B
Naphthalene	10.0	7.80	ug/L	78	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C280000-130

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**8.81**	**ug/L**	**88**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.36	ug/L	84	SW846 8260B
Tert-amyl methyl ether	10.0	9.29	ug/L	93	SW846 8260B
Tert-butyl ethyl ether	10.0	9.95	ug/L	100	SW846 8260B
1,2-Dichloroethane	10.0	9.92	ug/L	99	SW846 8260B
Tetrachloroethene	10.0	8.51	ug/L	85	SW846 8260B
2-Hexanone	50.0	50.2	ug/L	100	SW846 8260B
Dibromochloromethane	10.0	8.52	ug/L	85	SW846 8260B
Chlorobenzene	**10.0**	**8.67**	**ug/L**	**87**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	9.32	ug/L	93	SW846 8260B
Ethylbenzene	10.0	8.81	ug/L	88	SW846 8260B
m-Xylene & p-Xylene	20.0	17.4	ug/L	87	SW846 8260B
Vinyl chloride	10.0	10.2	ug/L	102	SW846 8260B
o-Xylene	10.0	8.71	ug/L	87	SW846 8260B
Styrene	10.0	9.02	ug/L	90	SW846 8260B
Bromoform	10.0	8.47	ug/L	85	SW846 8260B
Isopropylbenzene	10.0	8.27	ug/L	83	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.53	ug/L	75	SW846 8260B
1,2,3-Trichloropropane	10.0	7.91	ug/L	79	SW846 8260B
n-Propylbenzene	10.0	8.02	ug/L	80	SW846 8260B
Bromobenzene	10.0	8.24	ug/L	82	SW846 8260B
1,3,5-Trimethylbenzene	10.0	8.44	ug/L	84	SW846 8260B
2-Chlorotoluene	10.0	8.37	ug/L	84	SW846 8260B
4-Chlorotoluene	10.0	8.28	ug/L	83	SW846 8260B
tert-Butylbenzene	10.0	8.40	ug/L	84	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.59	ug/L	86	SW846 8260B
sec-Butylbenzene	10.0	8.35	ug/L	84	SW846 8260B
p-Isopropyltoluene	10.0	7.94	ug/L	79	SW846 8260B
1,3-Dichlorobenzene	10.0	7.65	ug/L	76	SW846 8260B
1,4-Dichlorobenzene	10.0	7.79	ug/L	78	SW846 8260B
n-Butylbenzene	10.0	8.34	ug/L	83	SW846 8260B
1,2-Dichlorobenzene	10.0	7.99	ug/L	80	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.54	ug/L	65	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.28	ug/L	83	SW846 8260B
Hexachlorobutadiene	10.0	8.81	ug/L	88	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC3401AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C280000-130

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.05	ug/L	80	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	104	(40 - 160)	SW846 8260B
Chloromethane	178 a	(60 - 140)	SW846 8260B
Chloroethane	102	(60 - 140)	SW846 8260B
Bromomethane	67	(60 - 140)	SW846 8260B
t-Butanol	96	(40 - 150)	SW846 8260B
Trichlorofluoromethane	96	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	96	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**89**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	102	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	98	(70 - 130)	SW846 8260B
Carbon disulfide	6.8 a	(70 - 130)	SW846 8260B
Acetone	75	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	86	(70 - 130)	SW846 8260B
1,1-Dichloroethane	88	(70 - 130)	SW846 8260B
Dibromomethane	83	(70 - 130)	SW846 8260B
2,2-Dichloropropane	94	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	87	(70 - 130)	SW846 8260B
Chloroform	87	(70 - 130)	SW846 8260B
Bromochloromethane	77	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	88	(70 - 130)	SW846 8260B
2-Butanone	89	(60 - 140)	SW846 8260B
1,1-Dichloropropene	87	(70 - 130)	SW846 8260B
1,2-Dichloropropane	86	(70 - 130)	SW846 8260B
Carbon tetrachloride	88	(70 - 130)	SW846 8260B
1,3-Dichloropropane	89	(70 - 130)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	85	(70 - 130)	SW846 8260B
Benzene	**88**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	81	(70 - 130)	SW846 8260B
Trichloroethene	**85**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	84	(70 - 130)	SW846 8260B
Isopropyl ether	95	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	94	(60 - 140)	SW846 8260B
Naphthalene	62	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**85**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	86	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	87	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	94	(70 - 130)	SW846 8260B
1,2-Dichloroethane	88	(70 - 130)	SW846 8260B
Tetrachloroethene	83	(70 - 130)	SW846 8260B
2-Hexanone	96	(60 - 140)	SW846 8260B
Dibromochloromethane	77	(70 - 130)	SW846 8260B
Chlorobenzene	**80**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	86	(70 - 130)	SW846 8260B
Ethylbenzene	83	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	83	(70 - 130)	SW846 8260B
Vinyl chloride	92	(60 - 140)	SW846 8260B
o-Xylene	82	(70 - 130)	SW846 8260B
Styrene	85	(70 - 130)	SW846 8260B
Bromoform	67 a	(70 - 130)	SW846 8260B
Isopropylbenzene	76	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	79	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	76	(70 - 130)	SW846 8260B
n-Propylbenzene	76	(70 - 130)	SW846 8260B
Bromobenzene	75	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	79	(70 - 130)	SW846 8260B
2-Chlorotoluene	76	(70 - 130)	SW846 8260B
4-Chlorotoluene	78	(70 - 130)	SW846 8260B
tert-Butylbenzene	77	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	78	(70 - 130)	SW846 8260B
sec-Butylbenzene	78	(70 - 130)	SW846 8260B
p-Isopropyltoluene	73	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	71	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	72	(70 - 130)	SW846 8260B
n-Butylbenzene	77	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	71	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	63	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	58 a	(70 - 130)	SW846 8260B
Hexachlorobutadiene	52 a	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	54 a	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	10.4	ug/L	104	SW846 8260B
Chloromethane	10.0	17.8 a	ug/L	178	SW846 8260B
Chloroethane	10.0	10.2	ug/L	102	SW846 8260B
Bromomethane	10.0	6.72	ug/L	67	SW846 8260B
t-Butanol	50.0	48.2	ug/L	96	SW846 8260B
Trichlorofluoromethane	10.0	9.58	ug/L	96	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.62	ug/L	96	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.92**	**ug/L**	**89**	**SW846 8260B**
Methylene chloride	10.0	10.2	ug/L	102	SW846 8260B
Methyl tert-butyl ether	10.0	9.76	ug/L	98	SW846 8260B
Carbon disulfide	50.0	3.38 a	ug/L	6.8	SW846 8260B
Acetone	50.0	37.6	ug/L	75	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.61	ug/L	86	SW846 8260B
1,1-Dichloroethane	10.0	8.78	ug/L	88	SW846 8260B
Dibromomethane	10.0	8.26	ug/L	83	SW846 8260B
2,2-Dichloropropane	10.0	9.37	ug/L	94	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.67	ug/L	87	SW846 8260B
Chloroform	10.0	8.72	ug/L	87	SW846 8260B
Bromochloromethane	10.0	7.72	ug/L	77	SW846 8260B
1,1,1-Trichloroethane	10.0	8.79	ug/L	88	SW846 8260B
2-Butanone	50.0	44.6	ug/L	89	SW846 8260B
1,1-Dichloropropene	10.0	8.72	ug/L	87	SW846 8260B
1,2-Dichloropropane	10.0	8.63	ug/L	86	SW846 8260B
Carbon tetrachloride	10.0	8.77	ug/L	88	SW846 8260B
1,3-Dichloropropane	10.0	8.91	ug/L	89	SW846 8260B
1,2-Dibromoethane	10.0	8.67	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	10.0	8.52	ug/L	85	SW846 8260B
Benzene	**10.0**	**8.82**	**ug/L**	**88**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.07	ug/L	81	SW846 8260B
Trichloroethene	**10.0**	**8.52**	**ug/L**	**85**	**SW846 8260B**
Bromodichloromethane	10.0	8.35	ug/L	84	SW846 8260B
Isopropyl ether	10.0	9.53	ug/L	95	SW846 8260B
4-Methyl-2-pentanone	50.0	47.0	ug/L	94	SW846 8260B
Naphthalene	10.0	6.19	ug/L	62	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**8.49**	**ug/L**	**85**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.59	ug/L	86	SW846 8260B
Tert-amyl methyl ether	10.0	8.70	ug/L	87	SW846 8260B
Tert-butyl ethyl ether	10.0	9.37	ug/L	94	SW846 8260B
1,2-Dichloroethane	10.0	8.80	ug/L	88	SW846 8260B
Tetrachloroethene	10.0	8.29	ug/L	83	SW846 8260B
2-Hexanone	50.0	47.9	ug/L	96	SW846 8260B
Dibromochloromethane	10.0	7.66	ug/L	77	SW846 8260B
Chlorobenzene	**10.0**	**8.05**	**ug/L**	**80**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.63	ug/L	86	SW846 8260B
Ethylbenzene	10.0	8.33	ug/L	83	SW846 8260B
m-Xylene & p-Xylene	20.0	16.5	ug/L	83	SW846 8260B
Vinyl chloride	10.0	9.21	ug/L	92	SW846 8260B
o-Xylene	10.0	8.23	ug/L	82	SW846 8260B
Styrene	10.0	8.54	ug/L	85	SW846 8260B
Bromoform	10.0	6.69 a	ug/L	67	SW846 8260B
Isopropylbenzene	10.0	7.59	ug/L	76	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.90	ug/L	79	SW846 8260B
1,2,3-Trichloropropane	10.0	7.62	ug/L	76	SW846 8260B
n-Propylbenzene	10.0	7.56	ug/L	76	SW846 8260B
Bromobenzene	10.0	7.48	ug/L	75	SW846 8260B
1,3,5-Trimethylbenzene	10.0	7.86	ug/L	79	SW846 8260B
2-Chlorotoluene	10.0	7.62	ug/L	76	SW846 8260B
4-Chlorotoluene	10.0	7.75	ug/L	78	SW846 8260B
tert-Butylbenzene	10.0	7.68	ug/L	77	SW846 8260B
1,2,4-Trimethylbenzene	10.0	7.80	ug/L	78	SW846 8260B
sec-Butylbenzene	10.0	7.81	ug/L	78	SW846 8260B
p-Isopropyltoluene	10.0	7.34	ug/L	73	SW846 8260B
1,3-Dichlorobenzene	10.0	7.14	ug/L	71	SW846 8260B
1,4-Dichlorobenzene	10.0	7.19	ug/L	72	SW846 8260B
n-Butylbenzene	10.0	7.68	ug/L	77	SW846 8260B
1,2-Dichlorobenzene	10.0	7.12	ug/L	71	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.31	ug/L	63	SW846 8260B
1,2,4-Trichloro-benzene	10.0	5.84 a	ug/L	58	SW846 8260B
Hexachlorobutadiene	10.0	5.24 a	ug/L	52	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	5.43 a	ug/L	54	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GCXCM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250296-001 GCXCM1AD-MSD
Date Sampled...: 03/24/04 08:25 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	128	(65 - 135)			SW846 8260B
	134	(65 - 135)	4.3	(0-25)	SW846 8260B
Benzene	104	(75 - 125)			SW846 8260B
	105	(75 - 125)	1.0	(0-25)	SW846 8260B
Trichloroethene	110	(75 - 135)			SW846 8260B
	110	(75 - 135)	0.0	(0-25)	SW846 8260B
Toluene	97	(75 - 125)			SW846 8260B
	96	(75 - 125)	0.62	(0-25)	SW846 8260B
Chlorobenzene	95	(75 - 125)			SW846 8260B
	95	(75 - 125)	0.31	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
	105	(75 - 130)
1,2-Dichloroethane-d4	117	(65 - 135)
	120	(65 - 135)
Toluene-d8	100	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GCXCM1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250296-001 GCXCM1AD-MSD
Date Sampled...: 03/24/04 08:25 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/27/04 **Analysis Date..:** 03/27/04
Prep Batch #...: 4088130

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	12.8	ug/L	128		SW846 8260B
	ND	10.0	13.4	ug/L	134	4.3	SW846 8260B
Benzene	ND	10.0	10.4	ug/L	104		SW846 8260B
	ND	10.0	10.5	ug/L	105	1.0	SW846 8260B
Trichloroethene	ND	10.0	11.0	ug/L	110		SW846 8260B
	ND	10.0	11.0	ug/L	110	0.0	SW846 8260B
Toluene	ND	10.0	9.70	ug/L	97		SW846 8260B
	ND	10.0	9.64	ug/L	96	0.62	SW846 8260B
Chlorobenzene	ND	10.0	9.49	ug/L	95		SW846 8260B
	ND	10.0	9.52	ug/L	95	0.31	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
	105	(75 - 130)
1,2-Dichloroethane-d4	117	(65 - 135)
	120	(65 - 135)
Toluene-d8	100	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GCXAV1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250286-001 GCXAV1AD-MSD
Date Sampled...: 03/24/04 11:00 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/29/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4090792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	92	(65 - 135)			SW846 8260B
	88	(65 - 135)	4.4	(0-25)	SW846 8260B
Benzene	89	(75 - 125)			SW846 8260B
	88	(75 - 125)	1.4	(0-25)	SW846 8260B
Trichloroethene	0.0 MSB	(75 - 135)			SW846 8260B
	0.0 MSB	(75 - 135)	0.0	(0-25)	SW846 8260B
Toluene	85	(75 - 125)			SW846 8260B
	84	(75 - 125)	0.82	(0-25)	SW846 8260B
Chlorobenzene	81	(75 - 125)			SW846 8260B
	79	(75 - 125)	1.6	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	92	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	90	(65 - 135)
Toluene-d8	100	(80 - 130)
	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C230321 **Work Order #...:** GCXAV1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250286-001 GCXAV1AD-MSD
Date Sampled...: 03/24/04 11:00 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/29/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4090792

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	1000	916	ug/L	92		SW846 8260B
	ND	1000	877	ug/L	88	4.4	SW846 8260B
Benzene	ND	1000	888	ug/L	89		SW846 8260B
	ND	1000	876	ug/L	88	1.4	SW846 8260B
Trichloroethene	5900	1000		ug/L	0.0		SW846 8260B
	Qualifiers: MSB						
	5900	1000		ug/L	0.0	0.0	SW846 8260B
	Qualifiers: MSB						
Toluene	ND	1000	850	ug/L	85		SW846 8260B
	ND	1000	843	ug/L	84	0.82	SW846 8260B
Chlorobenzene	ND	1000	808	ug/L	81		SW846 8260B
	ND	1000	795	ug/L	79	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	92	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	90	(65 - 135)
Toluene-d8	100	(80 - 130)
	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Mehmet Pehlivan

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

EXECUTIVE SUMMARY - Detection Highlights

E4C250209

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
CMW026_WG032404_0001 03/24/04 10:30 001				
1,1-Dichloroethene	130	25	ug/L	SW846 8260B
1,1-Dichloroethane	6.8 J	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	10 J	25	ug/L	SW846 8260B
Chloroform	21 J	25	ug/L	SW846 8260B
Trichloroethene	1300	25	ug/L	SW846 8260B
WCC_06S_WG032404_0001 03/24/04 11:00 002				
Chloromethane	38 J	200	ug/L	SW846 8260B
1,1-Dichloroethene	5100	100	ug/L	SW846 8260B
trans-1,2-Dichloroethene	120	100	ug/L	SW846 8260B
1,1-Dichloroethane	140	100	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2600	100	ug/L	SW846 8260B
1,1,1-Trichloroethane	36 J	100	ug/L	SW846 8260B
Benzene	38 J	100	ug/L	SW846 8260B
Trichloroethene	360	100	ug/L	SW846 8260B
Toluene	4600	100	ug/L	SW846 8260B
TMW_07_WG032404_0001 03/24/04 11:40 003				
1,1-Dichloroethene	360	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	11 J	25	ug/L	SW846 8260B
Trichloroethene	1300	25	ug/L	SW846 8260B
TMW_09_WG032404_0001 03/24/04 11:45 004				
1,1-Dichloroethene	6.8	5.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	1.5 J	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	8.0	5.0	ug/L	SW846 8260B
Chloroform	5.9	5.0	ug/L	SW846 8260B
Trichloroethene	500	5.0	ug/L	SW846 8260B
Tetrachloroethene	3.2 J	5.0	ug/L	SW846 8260B
WCC_04S_WG032404_0001 03/24/04 13:10 005				
1,1-Dichloroethene	500	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	8.0 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	2.6 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	21	10	ug/L	SW846 8260B
Trichloroethene	380	10	ug/L	SW846 8260B
Chlorobenzene	3.4 J	10	ug/L	SW846 8260B
Iodomethane	13 J	20	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E4C250209

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
WCC_03S_WG032404_0001 03/24/04 13:20 006				
1,1-Dichloroethene	10000	500	ug/L	SW846 8260B
trans-1,2-Dichloroethene	290 J	500	ug/L	SW846 8260B
1,1-Dichloroethane	220 J	500	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2400	500	ug/L	SW846 8260B
1,1,1-Trichloroethane	140 J	500	ug/L	SW846 8260B
Trichloroethene	960	500	ug/L	SW846 8260B
Toluene	23000	500	ug/L	SW846 8260B
EB_TAIT032404_0001 03/24/04 07:30 007				
Methyl tert-butyl ether	1.0	1.0	ug/L	SW846 8260B
Benzene	0.58 J	1.0	ug/L	SW846 8260B
Toluene	2.8	1.0	ug/L	SW846 8260B
Ethylbenzene	0.29 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.5	1.0	ug/L	SW846 8260B
TB_TAIT032404_0001 03/24/04 008				
Acetone	4.6 J	10	ug/L	SW846 8260B
DB_TAIT032404_0001 03/24/04 07:30 009				
Methyl tert-butyl ether	0.97 J	1.0	ug/L	SW846 8260B
Benzene	0.58 J	1.0	ug/L	SW846 8260B
Toluene	2.8	1.0	ug/L	SW846 8260B
Ethylbenzene	0.28 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.4	1.0	ug/L	SW846 8260B
CMW026_WG032404_0002 03/24/04 10:30 010				
1,1-Dichloroethene	72	10	ug/L	SW846 8260B
1,1-Dichloroethane	4.1 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	6.3 J	10	ug/L	SW846 8260B
Chloroform	12	10	ug/L	SW846 8260B
Trichloroethene	810	10	ug/L	SW846 8260B

METHODS SUMMARY

E4C250209

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E4C250209

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GCWJ4	001	CMW026_WG032404_0001	03/24/04	10:30
GCWJ9	002	WCC_06S_WG032404_0001	03/24/04	11:00
GCWKC	003	TMW_07_WG032404_0001	03/24/04	11:40
GCWKE	004	TMW_09_WG032404_0001	03/24/04	11:45
GCWKF	005	WCC_04S_WG032404_0001	03/24/04	13:10
GCWKG	006	WCC_03S_WG032404_0001	03/24/04	13:20
GCWKH	007	EB_TAIT032404_0001	03/24/04	07:30
GCWKL	008	TB_TAIT032404_0001	03/24/04	
GCWKP	009	DB_TAIT032404_0001	03/24/04	07:30
GCWKR	010	CMW026_WG032404_0002	03/24/04	10:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-001 **Work Order #...:** GCWJ41AA **Matrix.....:** WG
Date Sampled...: 03/24/04 10:30 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667 **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	**130**	**25**	**ug/L**
Methylene chloride	ND	25	ug/L
Methyl tert-butyl ether	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Acetone	ND	250	ug/L
trans-1,2-Dichloroethene	ND	25	ug/L
1,1-Dichloroethane	**6.8 J**	**25**	**ug/L**
2,2-Dichloropropane	ND	25	ug/L
cis-1,2-Dichloroethene	**10 J**	**25**	**ug/L**
Chloroform	**21 J**	**25**	**ug/L**
Bromochloromethane	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
2-Butanone	ND	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	**1300**	**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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TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-001 **Work Order #...:** GCWJ41AA **Matrix.....:** WG

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	50	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
Acrolein	ND	500	ug/L
Acrylonitrile	ND	500	ug/L
Iodomethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	120	ug/L
Tetrahydrofuran	ND	250	ug/L
Vinyl acetate	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	105	(75 - 130)
1,2-Dichloroethane-d4	133	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: WCC_06S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-002 **Work Order #...:** GCWJ91AA **Matrix.....:** WG
Date Sampled...: 03/24/04 11:00 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	100	ug/L
Chloromethane	**38 J**	**200**	**ug/L**
Chloroethane	ND	200	ug/L
Bromomethane	ND	200	ug/L
Trichlorofluoromethane	ND	200	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	100	ug/L
1,1-Dichloroethene	**5100**	**100**	**ug/L**
Methylene chloride	ND	100	ug/L
Methyl tert-butyl ether	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Acetone	ND	1000	ug/L
trans-1,2-Dichloroethene	**120**	**100**	**ug/L**
1,1-Dichloroethane	**140**	**100**	**ug/L**
2,2-Dichloropropane	ND	100	ug/L
cis-1,2-Dichloroethene	**2600**	**100**	**ug/L**
Chloroform	ND	100	ug/L
Bromochloromethane	ND	100	ug/L
1,1,1-Trichloroethane	**36 J**	**100**	**ug/L**
2-Butanone	ND	500	ug/L
1,1-Dichloropropene	ND	100	ug/L
Carbon tetrachloride	ND	50	ug/L
1,2-Dibromoethane	ND	100	ug/L
Benzene	**38 J**	**100**	**ug/L**
Trichloroethene	**360**	**100**	**ug/L**
Bromodichloromethane	ND	100	ug/L
4-Methyl-2-pentanone	ND	500	ug/L
Toluene	**4600**	**100**	**ug/L**
1,1,2-Trichloroethane	ND	100	ug/L
1,2-Dichloroethane	ND	50	ug/L
Tetrachloroethene	ND	100	ug/L
2-Hexanone	ND	500	ug/L
Dibromochloromethane	ND	100	ug/L
Chlorobenzene	ND	100	ug/L
1,1,1,2-Tetrachloroethane	ND	100	ug/L
Ethylbenzene	ND	100	ug/L
Vinyl chloride	ND	50	ug/L
Xylenes (total)	ND	100	ug/L
Styrene	ND	100	ug/L
Bromoform	ND	100	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: WCC_06S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-002 **Work Order #...:** GCWJ91AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	100	ug/L
1,1,2,2-Tetrachloroethane	ND	100	ug/L
1,2,3-Trichloropropane	ND	100	ug/L
n-Propylbenzene	ND	100	ug/L
Bromobenzene	ND	100	ug/L
1,3,5-Trimethylbenzene	ND	100	ug/L
2-Chlorotoluene	ND	100	ug/L
4-Chlorotoluene	ND	100	ug/L
tert-Butylbenzene	ND	100	ug/L
1,2,4-Trimethylbenzene	ND	100	ug/L
sec-Butylbenzene	ND	100	ug/L
p-Isopropyltoluene	ND	100	ug/L
1,3-Dichlorobenzene	ND	100	ug/L
1,4-Dichlorobenzene	ND	100	ug/L
n-Butylbenzene	ND	100	ug/L
1,2-Dichlorobenzene	ND	100	ug/L
1,2-Dibromo-3-chloro-propane	ND	200	ug/L
1,2,4-Trichloro-benzene	ND	100	ug/L
Hexachlorobutadiene	ND	100	ug/L
1,2,3-Trichlorobenzene	ND	100	ug/L
Acrolein	ND	2000	ug/L
Acrylonitrile	ND	2000	ug/L
Iodomethane	ND	200	ug/L
2-Chloroethyl vinyl ether	ND	500	ug/L
Tetrahydrofuran	ND	1000	ug/L
Vinyl acetate	ND	500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_07_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-003 **Work Order #...:** GCWKC1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 11:40 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **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	**360**	**25**	**ug/L**
Methylene chloride	ND	25	ug/L
Methyl tert-butyl ether	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Acetone	ND	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	**11 J**	**25**	**ug/L**
Chloroform	ND	25	ug/L
Bromochloromethane	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
2-Butanone	ND	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	**1300**	**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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TAIT ENVIRONMENTAL

Client Sample ID: TMW_07_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-003 **Work Order #...:** GCWKC1AA **Matrix.....:** WG

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	50	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
Acrolein	ND	500	ug/L
Acrylonitrile	ND	500	ug/L
Iodomethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	120	ug/L
Tetrahydrofuran	ND	250	ug/L
Vinyl acetate	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_09_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-004 **Work Order #...:** GCWKE1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 11:45 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **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	**6.8**	**5.0**	**ug/L**
Methylene chloride	ND	5.0	ug/L
Methyl tert-butyl ether	ND	5.0	ug/L
Carbon disulfide	ND	5.0	ug/L
Acetone	ND	50	ug/L
trans-1,2-Dichloroethene	**1.5 J**	**5.0**	**ug/L**
1,1-Dichloroethane	ND	5.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
cis-1,2-Dichloroethene	**8.0**	**5.0**	**ug/L**
Chloroform	**5.9**	**5.0**	**ug/L**
Bromochloromethane	ND	5.0	ug/L
1,1,1-Trichloroethane	ND	5.0	ug/L
2-Butanone	ND	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	**500**	**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	**3.2 J**	**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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TAIT ENVIRONMENTAL

Client Sample ID: TMW_09_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-004 **Work Order #...:** GCWKE1AA **Matrix.....:** WG

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	10	ug/L
1,2,4-Trichloro-benzene	ND	5.0	ug/L
Hexachlorobutadiene	ND	5.0	ug/L
1,2,3-Trichlorobenzene	ND	5.0	ug/L
Acrolein	ND	100	ug/L
Acrylonitrile	ND	100	ug/L
Iodomethane	ND	10	ug/L
2-Chloroethyl vinyl ether	ND	25	ug/L
Tetrahydrofuran	ND	50	ug/L
Vinyl acetate	ND	25	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: WCC_04S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-005 **Work Order #...:** GCWKF1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 13:10 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/31/04 **Analysis Date..:** 03/31/04
Prep Batch #...: 4091429 **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	**500**	**10**	**ug/L**
Methylene chloride	ND	10	ug/L
Methyl tert-butyl ether	ND	10	ug/L
Carbon disulfide	ND	10	ug/L
Acetone	ND	100	ug/L
trans-1,2-Dichloroethene	**8.0 J**	**10**	**ug/L**
1,1-Dichloroethane	**2.6 J**	**10**	**ug/L**
2,2-Dichloropropane	ND	10	ug/L
cis-1,2-Dichloroethene	**21**	**10**	**ug/L**
Chloroform	ND	10	ug/L
Bromochloromethane	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
2-Butanone	ND	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	**380**	**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	ND	10	ug/L
2-Hexanone	ND	50	ug/L
Dibromochloromethane	ND	10	ug/L
Chlorobenzene	**3.4 J**	**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

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TAIT ENVIRONMENTAL

Client Sample ID: WCC_04S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-005 **Work Order #...:** GCWKF1AA **Matrix.....:** WG

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	20	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
Acrolein	ND	200	ug/L
Acrylonitrile	ND	200	ug/L
Iodomethane	**13 J**	**20**	**ug/L**
2-Chloroethyl vinyl ether	ND	50	ug/L
Tetrahydrofuran	ND	100	ug/L
Vinyl acetate	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	108	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

WCC_04S_WG032404_0001

GC/MS Volatiles

Lot-Sample #: E4C250209-005 **Work Order #:** GCWKF1AA **Matrix:** WG

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	CAS #	ESTIMATED RESULT	RETENTION TIME	UNITS
None				ug/L

TAIT ENVIRONMENTAL

Client Sample ID: WCC_03S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-006 **Work Order #...:** GCWKG1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 13:20 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	500	ug/L
Chloromethane	ND	1000	ug/L
Chloroethane	ND	1000	ug/L
Bromomethane	ND	1000	ug/L
Trichlorofluoromethane	ND	1000	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	500	ug/L
1,1-Dichloroethene	**10000**	**500**	**ug/L**
Methylene chloride	ND	500	ug/L
Methyl tert-butyl ether	ND	500	ug/L
Carbon disulfide	ND	500	ug/L
Acetone	ND	5000	ug/L
trans-1,2-Dichloroethene	**290 J**	**500**	**ug/L**
1,1-Dichloroethane	**220 J**	**500**	**ug/L**
2,2-Dichloropropane	ND	500	ug/L
cis-1,2-Dichloroethene	**2400**	**500**	**ug/L**
Chloroform	ND	500	ug/L
Bromochloromethane	ND	500	ug/L
1,1,1-Trichloroethane	**140 J**	**500**	**ug/L**
2-Butanone	ND	2500	ug/L
1,1-Dichloropropene	ND	500	ug/L
Carbon tetrachloride	ND	250	ug/L
1,2-Dibromoethane	ND	500	ug/L
Benzene	ND	500	ug/L
Trichloroethene	**960**	**500**	**ug/L**
Bromodichloromethane	ND	500	ug/L
4-Methyl-2-pentanone	ND	2500	ug/L
Toluene	**23000**	**500**	**ug/L**
1,1,2-Trichloroethane	ND	500	ug/L
1,2-Dichloroethane	ND	250	ug/L
Tetrachloroethene	ND	500	ug/L
2-Hexanone	ND	2500	ug/L
Dibromochloromethane	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
1,1,1,2-Tetrachloroethane	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
Vinyl chloride	ND	250	ug/L
Xylenes (total)	ND	500	ug/L
Styrene	ND	500	ug/L
Bromoform	ND	500	ug/L

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: WCC_03S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-006 **Work Order #...:** GCWKG1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	500	ug/L
1,1,2,2-Tetrachloroethane	ND	500	ug/L
1,2,3-Trichloropropane	ND	500	ug/L
n-Propylbenzene	ND	500	ug/L
Bromobenzene	ND	500	ug/L
1,3,5-Trimethylbenzene	ND	500	ug/L
2-Chlorotoluene	ND	500	ug/L
4-Chlorotoluene	ND	500	ug/L
tert-Butylbenzene	ND	500	ug/L
1,2,4-Trimethylbenzene	ND	500	ug/L
sec-Butylbenzene	ND	500	ug/L
p-Isopropyltoluene	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
n-Butylbenzene	ND	500	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	1000	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
Hexachlorobutadiene	ND	500	ug/L
1,2,3-Trichlorobenzene	ND	500	ug/L
Acrolein	ND	10000	ug/L
Acrylonitrile	ND	10000	ug/L
Iodomethane	ND	1000	ug/L
2-Chloroethyl vinyl ether	ND	2500	ug/L
Tetrahydrofuran	ND	5000	ug/L
Vinyl acetate	ND	2500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-007 **Work Order #...:** GCWKH1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 07:30 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667 **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	**1.0**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.58 J**	**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	**2.8**	**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	**0.29 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**1.5**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-007 **Work Order #...:** GCWKH1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	123	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-008 **Work Order #...:** GCWKL1AA **Matrix.....:** WQ
Date Sampled...: 03/24/04 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667 **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	1.0	ug/L
Acetone	**4.6 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	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

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TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-008 **Work Order #...:** GCWKL1AA **Matrix.....:** WQ

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	122	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-009 **Work Order #...:** GCWKP1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 07:30 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667 **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	**0.97 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.58 J**	**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	**2.8**	**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	**0.28 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**1.4**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-009 **Work Order #...:** GCWKP1AA **Matrix.....:** WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	122	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0002

GC/MS Volatiles

Lot-Sample #...: E4C250209-010 **Work Order #...:** GCWKR1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 10:30 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **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	**72**	**10**	**ug/L**
Methylene chloride	ND	10	ug/L
Methyl tert-butyl ether	ND	10	ug/L
Carbon disulfide	ND	10	ug/L
Acetone	ND	100	ug/L
trans-1,2-Dichloroethene	ND	10	ug/L
1,1-Dichloroethane	**4.1 J**	**10**	**ug/L**
2,2-Dichloropropane	ND	10	ug/L
cis-1,2-Dichloroethene	**6.3 J**	**10**	**ug/L**
Chloroform	**12**	**10**	**ug/L**
Bromochloromethane	ND	10	ug/L
1,1,1-Trichloroethane	ND	10	ug/L
2-Butanone	ND	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	**810**	**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	ND	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

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TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0002

GC/MS Volatiles

Lot-Sample #...: E4C250209-010 **Work Order #...:** GCWKR1AA **Matrix.....:** WG

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	20	ug/L
1,2,4-Trichloro-benzene	ND	10	ug/L
Hexachlorobutadiene	ND	10	ug/L
1,2,3-Trichlorobenzene	ND	10	ug/L
Acrolein	ND	200	ug/L
Acrylonitrile	ND	200	ug/L
Iodomethane	ND	20	ug/L
2-Chloroethyl vinyl ether	ND	50	ug/L
Tetrahydrofuran	ND	100	ug/L
Vinyl acetate	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E4C250209

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		4089667	4089361
002	WG	SW846 8260B		4090792	4090412
003	WG	SW846 8260B		4090792	4090412
004	WG	SW846 8260B		4090792	4090412
005	WG	SW846 8260B		4091429	4091172
006	WG	SW846 8260B		4090792	4090412
007	WG	SW846 8260B		4089667	4089361
008	WQ	SW846 8260B		4089667	4089361
009	WG	SW846 8260B		4089667	4089361
010	WG	SW846 8260B		4090792	4090412

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AA **Matrix.....:** WATER
MB Lot-Sample #: E4C290000-667

Prep Date.....: 03/28/04
Analysis Date..: 03/28/04 **Prep Batch #...:** 4089667

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
1,2-Dichloroethane-d4	115	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AA **Matrix.....:** WATER
MB Lot-Sample #: E4C300000-792

Prep Date.....: 03/29/04
Analysis Date..: 03/29/04 **Prep Batch #...:** 4090792

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AA **Matrix.....:** WATER
MB Lot-Sample #: E4C310000-429

Prep Date.....: 03/31/04
Analysis Date..: 03/31/04 **Prep Batch #...:** 4091429

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	105	(75 - 130)
1,2-Dichloroethane-d4	104	(65 - 135)
Toluene-d8	105	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-667
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	282 a	(40 - 160)	SW846 8260B
Chloromethane	155 a	(60 - 140)	SW846 8260B
Chloroethane	153 a	(60 - 140)	SW846 8260B
Bromomethane	161 a	(60 - 140)	SW846 8260B
t-Butanol	106	(40 - 150)	SW846 8260B
Trichlorofluoromethane	156 a	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	149 a	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**125**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	114	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	104	(70 - 130)	SW846 8260B
Carbon disulfide	9.5 a	(70 - 130)	SW846 8260B
Acetone	100	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	106	(70 - 130)	SW846 8260B
1,1-Dichloroethane	112	(70 - 130)	SW846 8260B
Dibromomethane	107	(70 - 130)	SW846 8260B
2,2-Dichloropropane	135 a	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	100	(70 - 130)	SW846 8260B
Chloroform	114	(70 - 130)	SW846 8260B
Bromochloromethane	110	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	131 a	(70 - 130)	SW846 8260B
2-Butanone	95	(60 - 140)	SW846 8260B
1,1-Dichloropropene	112	(70 - 130)	SW846 8260B
1,2-Dichloropropane	94	(70 - 130)	SW846 8260B
Carbon tetrachloride	136 a	(70 - 130)	SW846 8260B
1,3-Dichloropropane	92	(70 - 130)	SW846 8260B
1,2-Dibromoethane	91	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	103	(70 - 130)	SW846 8260B
Benzene	**100**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	98	(70 - 130)	SW846 8260B
Trichloroethene	**104**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	110	(70 - 130)	SW846 8260B
Isopropyl ether	110	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	106	(60 - 140)	SW846 8260B
Naphthalene	78	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**96**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	89	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	102	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	115	(70 - 130)	SW846 8260B
1,2-Dichloroethane	123	(70 - 130)	SW846 8260B
Tetrachloroethene	99	(70 - 130)	SW846 8260B
2-Hexanone	105	(60 - 140)	SW846 8260B
Dibromochloromethane	98	(70 - 130)	SW846 8260B
Chlorobenzene	**95**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	108	(70 - 130)	SW846 8260B
Ethylbenzene	97	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	96	(70 - 130)	SW846 8260B
Vinyl chloride	136	(60 - 140)	SW846 8260B
o-Xylene	94	(70 - 130)	SW846 8260B
Styrene	97	(70 - 130)	SW846 8260B
Bromoform	93	(70 - 130)	SW846 8260B
Isopropylbenzene	95	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	74	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	83	(70 - 130)	SW846 8260B
n-Propylbenzene	87	(70 - 130)	SW846 8260B
Bromobenzene	87	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	94	(70 - 130)	SW846 8260B
2-Chlorotoluene	89	(70 - 130)	SW846 8260B
4-Chlorotoluene	88	(70 - 130)	SW846 8260B
tert-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	94	(70 - 130)	SW846 8260B
sec-Butylbenzene	92	(70 - 130)	SW846 8260B
p-Isopropyltoluene	90	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	82	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	84	(70 - 130)	SW846 8260B
n-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	85	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	65	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	89	(70 - 130)	SW846 8260B
Hexachlorobutadiene	102	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	87	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	113	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-667
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	28.2 a	ug/L	282	SW846 8260B
Chloromethane	10.0	15.5 a	ug/L	155	SW846 8260B
Chloroethane	10.0	15.3 a	ug/L	153	SW846 8260B
Bromomethane	10.0	16.1 a	ug/L	161	SW846 8260B
t-Butanol	50.0	53.1	ug/L	106	SW846 8260B
Trichlorofluoromethane	10.0	15.6 a	ug/L	156	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	14.9 a	ug/L	149	SW846 8260B
1,1-Dichloroethene	**10.0**	**12.5**	**ug/L**	**125**	**SW846 8260B**
Methylene chloride	10.0	11.4	ug/L	114	SW846 8260B
Methyl tert-butyl ether	10.0	10.4	ug/L	104	SW846 8260B
Carbon disulfide	50.0	4.76 a	ug/L	9.5	SW846 8260B
Acetone	50.0	49.9	ug/L	100	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.6	ug/L	106	SW846 8260B
1,1-Dichloroethane	10.0	11.2	ug/L	112	SW846 8260B
Dibromomethane	10.0	10.7	ug/L	107	SW846 8260B
2,2-Dichloropropane	10.0	13.5 a	ug/L	135	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.0	ug/L	100	SW846 8260B
Chloroform	10.0	11.4	ug/L	114	SW846 8260B
Bromochloromethane	10.0	11.0	ug/L	110	SW846 8260B
1,1,1-Trichloroethane	10.0	13.1 a	ug/L	131	SW846 8260B
2-Butanone	50.0	47.7	ug/L	95	SW846 8260B
1,1-Dichloropropene	10.0	11.2	ug/L	112	SW846 8260B
1,2-Dichloropropane	10.0	9.43	ug/L	94	SW846 8260B
Carbon tetrachloride	10.0	13.6 a	ug/L	136	SW846 8260B
1,3-Dichloropropane	10.0	9.21	ug/L	92	SW846 8260B
1,2-Dibromoethane	10.0	9.11	ug/L	91	SW846 8260B
cis-1,3-Dichloropropene	10.0	10.3	ug/L	103	SW846 8260B
Benzene	**10.0**	**9.97**	**ug/L**	**100**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	9.76	ug/L	98	SW846 8260B
Trichloroethene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
Bromodichloromethane	10.0	11.0	ug/L	110	SW846 8260B
Isopropyl ether	10.0	11.0	ug/L	110	SW846 8260B
4-Methyl-2-pentanone	50.0	53.0	ug/L	106	SW846 8260B
Naphthalene	10.0	7.82	ug/L	78	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-667

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.60**	**ug/L**	**96**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.94	ug/L	89	SW846 8260B
Tert-amyl methyl ether	10.0	10.2	ug/L	102	SW846 8260B
Tert-butyl ethyl ether	10.0	11.5	ug/L	115	SW846 8260B
1,2-Dichloroethane	10.0	12.3	ug/L	123	SW846 8260B
Tetrachloroethene	10.0	9.86	ug/L	99	SW846 8260B
2-Hexanone	50.0	52.6	ug/L	105	SW846 8260B
Dibromochloromethane	10.0	9.78	ug/L	98	SW846 8260B
Chlorobenzene	**10.0**	**9.48**	**ug/L**	**95**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	10.8	ug/L	108	SW846 8260B
Ethylbenzene	10.0	9.72	ug/L	97	SW846 8260B
m-Xylene & p-Xylene	20.0	19.2	ug/L	96	SW846 8260B
Vinyl chloride	10.0	13.6	ug/L	136	SW846 8260B
o-Xylene	10.0	9.42	ug/L	94	SW846 8260B
Styrene	10.0	9.67	ug/L	97	SW846 8260B
Bromoform	10.0	9.34	ug/L	93	SW846 8260B
Isopropylbenzene	10.0	9.54	ug/L	95	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.43	ug/L	74	SW846 8260B
1,2,3-Trichloropropane	10.0	8.27	ug/L	83	SW846 8260B
n-Propylbenzene	10.0	8.69	ug/L	87	SW846 8260B
Bromobenzene	10.0	8.68	ug/L	87	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.41	ug/L	94	SW846 8260B
2-Chlorotoluene	10.0	8.88	ug/L	89	SW846 8260B
4-Chlorotoluene	10.0	8.84	ug/L	88	SW846 8260B
tert-Butylbenzene	10.0	9.25	ug/L	92	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.45	ug/L	94	SW846 8260B
sec-Butylbenzene	10.0	9.17	ug/L	92	SW846 8260B
p-Isopropyltoluene	10.0	8.99	ug/L	90	SW846 8260B
1,3-Dichlorobenzene	10.0	8.19	ug/L	82	SW846 8260B
1,4-Dichlorobenzene	10.0	8.38	ug/L	84	SW846 8260B
n-Butylbenzene	10.0	9.25	ug/L	92	SW846 8260B
1,2-Dichlorobenzene	10.0	8.50	ug/L	85	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.46	ug/L	65	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.89	ug/L	89	SW846 8260B
Hexachlorobutadiene	10.0	10.2	ug/L	102	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC53A1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-667

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.71	ug/L	87	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	113	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	104	(40 - 160)	SW846 8260B
Chloromethane	178 a	(60 - 140)	SW846 8260B
Chloroethane	102	(60 - 140)	SW846 8260B
Bromomethane	67	(60 - 140)	SW846 8260B
t-Butanol	96	(40 - 150)	SW846 8260B
Trichlorofluoromethane	96	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	96	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**89**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	102	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	98	(70 - 130)	SW846 8260B
Carbon disulfide	6.8 a	(70 - 130)	SW846 8260B
Acetone	75	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	86	(70 - 130)	SW846 8260B
1,1-Dichloroethane	88	(70 - 130)	SW846 8260B
Dibromomethane	83	(70 - 130)	SW846 8260B
2,2-Dichloropropane	94	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	87	(70 - 130)	SW846 8260B
Chloroform	87	(70 - 130)	SW846 8260B
Bromochloromethane	77	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	88	(70 - 130)	SW846 8260B
2-Butanone	89	(60 - 140)	SW846 8260B
1,1-Dichloropropene	87	(70 - 130)	SW846 8260B
1,2-Dichloropropane	86	(70 - 130)	SW846 8260B
Carbon tetrachloride	88	(70 - 130)	SW846 8260B
1,3-Dichloropropane	89	(70 - 130)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	85	(70 - 130)	SW846 8260B
Benzene	**88**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	81	(70 - 130)	SW846 8260B
Trichloroethene	**85**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	84	(70 - 130)	SW846 8260B
Isopropyl ether	95	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	94	(60 - 140)	SW846 8260B
Naphthalene	62	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**85**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	86	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	87	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	94	(70 - 130)	SW846 8260B
1,2-Dichloroethane	88	(70 - 130)	SW846 8260B
Tetrachloroethene	83	(70 - 130)	SW846 8260B
2-Hexanone	96	(60 - 140)	SW846 8260B
Dibromochloromethane	77	(70 - 130)	SW846 8260B
Chlorobenzene	**80**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	86	(70 - 130)	SW846 8260B
Ethylbenzene	83	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	83	(70 - 130)	SW846 8260B
Vinyl chloride	92	(60 - 140)	SW846 8260B
o-Xylene	82	(70 - 130)	SW846 8260B
Styrene	85	(70 - 130)	SW846 8260B
Bromoform	67 a	(70 - 130)	SW846 8260B
Isopropylbenzene	76	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	79	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	76	(70 - 130)	SW846 8260B
n-Propylbenzene	76	(70 - 130)	SW846 8260B
Bromobenzene	75	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	79	(70 - 130)	SW846 8260B
2-Chlorotoluene	76	(70 - 130)	SW846 8260B
4-Chlorotoluene	78	(70 - 130)	SW846 8260B
tert-Butylbenzene	77	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	78	(70 - 130)	SW846 8260B
sec-Butylbenzene	78	(70 - 130)	SW846 8260B
p-Isopropyltoluene	73	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	71	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	72	(70 - 130)	SW846 8260B
n-Butylbenzene	77	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	71	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	63	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	58 a	(70 - 130)	SW846 8260B
Hexachlorobutadiene	52 a	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	54 a	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	10.4	ug/L	104	SW846 8260B
Chloromethane	10.0	17.8 a	ug/L	178	SW846 8260B
Chloroethane	10.0	10.2	ug/L	102	SW846 8260B
Bromomethane	10.0	6.72	ug/L	67	SW846 8260B
t-Butanol	50.0	48.2	ug/L	96	SW846 8260B
Trichlorofluoromethane	10.0	9.58	ug/L	96	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.62	ug/L	96	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.92**	**ug/L**	**89**	**SW846 8260B**
Methylene chloride	10.0	10.2	ug/L	102	SW846 8260B
Methyl tert-butyl ether	10.0	9.76	ug/L	98	SW846 8260B
Carbon disulfide	50.0	3.38 a	ug/L	6.8	SW846 8260B
Acetone	50.0	37.6	ug/L	75	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.61	ug/L	86	SW846 8260B
1,1-Dichloroethane	10.0	8.78	ug/L	88	SW846 8260B
Dibromomethane	10.0	8.26	ug/L	83	SW846 8260B
2,2-Dichloropropane	10.0	9.37	ug/L	94	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.67	ug/L	87	SW846 8260B
Chloroform	10.0	8.72	ug/L	87	SW846 8260B
Bromochloromethane	10.0	7.72	ug/L	77	SW846 8260B
1,1,1-Trichloroethane	10.0	8.79	ug/L	88	SW846 8260B
2-Butanone	50.0	44.6	ug/L	89	SW846 8260B
1,1-Dichloropropene	10.0	8.72	ug/L	87	SW846 8260B
1,2-Dichloropropane	10.0	8.63	ug/L	86	SW846 8260B
Carbon tetrachloride	10.0	8.77	ug/L	88	SW846 8260B
1,3-Dichloropropane	10.0	8.91	ug/L	89	SW846 8260B
1,2-Dibromoethane	10.0	8.67	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	10.0	8.52	ug/L	85	SW846 8260B
Benzene	**10.0**	**8.82**	**ug/L**	**88**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.07	ug/L	81	SW846 8260B
Trichloroethene	**10.0**	**8.52**	**ug/L**	**85**	**SW846 8260B**
Bromodichloromethane	10.0	8.35	ug/L	84	SW846 8260B
Isopropyl ether	10.0	9.53	ug/L	95	SW846 8260B
4-Methyl-2-pentanone	50.0	47.0	ug/L	94	SW846 8260B
Naphthalene	10.0	6.19	ug/L	62	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**8.49**	**ug/L**	**85**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.59	ug/L	86	SW846 8260B
Tert-amyl methyl ether	10.0	8.70	ug/L	87	SW846 8260B
Tert-butyl ethyl ether	10.0	9.37	ug/L	94	SW846 8260B
1,2-Dichloroethane	10.0	8.80	ug/L	88	SW846 8260B
Tetrachloroethene	10.0	8.29	ug/L	83	SW846 8260B
2-Hexanone	50.0	47.9	ug/L	96	SW846 8260B
Dibromochloromethane	10.0	7.66	ug/L	77	SW846 8260B
Chlorobenzene	**10.0**	**8.05**	**ug/L**	**80**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.63	ug/L	86	SW846 8260B
Ethylbenzene	10.0	8.33	ug/L	83	SW846 8260B
m-Xylene & p-Xylene	20.0	16.5	ug/L	83	SW846 8260B
Vinyl chloride	10.0	9.21	ug/L	92	SW846 8260B
o-Xylene	10.0	8.23	ug/L	82	SW846 8260B
Styrene	10.0	8.54	ug/L	85	SW846 8260B
Bromoform	10.0	6.69 a	ug/L	67	SW846 8260B
Isopropylbenzene	10.0	7.59	ug/L	76	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.90	ug/L	79	SW846 8260B
1,2,3-Trichloropropane	10.0	7.62	ug/L	76	SW846 8260B
n-Propylbenzene	10.0	7.56	ug/L	76	SW846 8260B
Bromobenzene	10.0	7.48	ug/L	75	SW846 8260B
1,3,5-Trimethylbenzene	10.0	7.86	ug/L	79	SW846 8260B
2-Chlorotoluene	10.0	7.62	ug/L	76	SW846 8260B
4-Chlorotoluene	10.0	7.75	ug/L	78	SW846 8260B
tert-Butylbenzene	10.0	7.68	ug/L	77	SW846 8260B
1,2,4-Trimethylbenzene	10.0	7.80	ug/L	78	SW846 8260B
sec-Butylbenzene	10.0	7.81	ug/L	78	SW846 8260B
p-Isopropyltoluene	10.0	7.34	ug/L	73	SW846 8260B
1,3-Dichlorobenzene	10.0	7.14	ug/L	71	SW846 8260B
1,4-Dichlorobenzene	10.0	7.19	ug/L	72	SW846 8260B
n-Butylbenzene	10.0	7.68	ug/L	77	SW846 8260B
1,2-Dichlorobenzene	10.0	7.12	ug/L	71	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.31	ug/L	63	SW846 8260B
1,2,4-Trichloro-benzene	10.0	5.84 a	ug/L	58	SW846 8260B
Hexachlorobutadiene	10.0	5.24 a	ug/L	52	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	5.43 a	ug/L	54	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C310000-429
Prep Date.....: 03/30/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4091429

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	92	(40 - 160)	SW846 8260B
Chloromethane	134	(60 - 140)	SW846 8260B
Chloroethane	82	(60 - 140)	SW846 8260B
Bromomethane	272 a	(60 - 140)	SW846 8260B
t-Butanol	99	(40 - 150)	SW846 8260B
Trichlorofluoromethane	75	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	87	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**88**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	89	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	97	(70 - 130)	SW846 8260B
Carbon disulfide	97	(70 - 130)	SW846 8260B
Acetone	97	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	83	(70 - 130)	SW846 8260B
1,1-Dichloroethane	91	(70 - 130)	SW846 8260B
Dibromomethane	101	(70 - 130)	SW846 8260B
2,2-Dichloropropane	107	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	92	(70 - 130)	SW846 8260B
Chloroform	93	(70 - 130)	SW846 8260B
Bromochloromethane	102	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	93	(70 - 130)	SW846 8260B
2-Butanone	108	(60 - 140)	SW846 8260B
1,1-Dichloropropene	90	(70 - 130)	SW846 8260B
1,2-Dichloropropane	96	(70 - 130)	SW846 8260B
Carbon tetrachloride	98	(70 - 130)	SW846 8260B
1,3-Dichloropropane	102	(70 - 130)	SW846 8260B
1,2-Dibromoethane	103	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	109	(70 - 130)	SW846 8260B
Benzene	**93**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	108	(70 - 130)	SW846 8260B
Trichloroethene	**84**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	102	(70 - 130)	SW846 8260B
Isopropyl ether	95	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	112	(60 - 140)	SW846 8260B
Naphthalene	100	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C310000-429

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**94**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	102	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	101	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	104	(70 - 130)	SW846 8260B
1,2-Dichloroethane	100	(70 - 130)	SW846 8260B
Tetrachloroethene	90	(70 - 130)	SW846 8260B
2-Hexanone	113	(60 - 140)	SW846 8260B
Dibromochloromethane	104	(70 - 130)	SW846 8260B
Chlorobenzene	**97**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	103	(70 - 130)	SW846 8260B
Ethylbenzene	98	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	100	(70 - 130)	SW846 8260B
Vinyl chloride	82	(60 - 140)	SW846 8260B
o-Xylene	103	(70 - 130)	SW846 8260B
Styrene	104	(70 - 130)	SW846 8260B
Bromoform	116	(70 - 130)	SW846 8260B
Isopropylbenzene	89	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	95	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	96	(70 - 130)	SW846 8260B
n-Propylbenzene	90	(70 - 130)	SW846 8260B
Bromobenzene	92	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)	SW846 8260B
2-Chlorotoluene	92	(70 - 130)	SW846 8260B
4-Chlorotoluene	95	(70 - 130)	SW846 8260B
tert-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	94	(70 - 130)	SW846 8260B
sec-Butylbenzene	93	(70 - 130)	SW846 8260B
p-Isopropyltoluene	85	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	90	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	91	(70 - 130)	SW846 8260B
n-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	93	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	92	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	92	(70 - 130)	SW846 8260B
Hexachlorobutadiene	85	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C310000-429

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	93	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	104	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C310000-429
Prep Date.....: 03/30/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4091429

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	9.19	ug/L	92	SW846 8260B
Chloromethane	10.0	13.4	ug/L	134	SW846 8260B
Chloroethane	10.0	8.18	ug/L	82	SW846 8260B
Bromomethane	10.0	27.2 a	ug/L	272	SW846 8260B
t-Butanol	50.0	49.4	ug/L	99	SW846 8260B
Trichlorofluoromethane	10.0	7.54	ug/L	75	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	8.74	ug/L	87	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.76**	**ug/L**	**88**	**SW846 8260B**
Methylene chloride	10.0	8.94	ug/L	89	SW846 8260B
Methyl tert-butyl ether	10.0	9.74	ug/L	97	SW846 8260B
Carbon disulfide	50.0	48.7	ug/L	97	SW846 8260B
Acetone	50.0	48.4	ug/L	97	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.32	ug/L	83	SW846 8260B
1,1-Dichloroethane	10.0	9.14	ug/L	91	SW846 8260B
Dibromomethane	10.0	10.1	ug/L	101	SW846 8260B
2,2-Dichloropropane	10.0	10.7	ug/L	107	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.22	ug/L	92	SW846 8260B
Chloroform	10.0	9.30	ug/L	93	SW846 8260B
Bromochloromethane	10.0	10.2	ug/L	102	SW846 8260B
1,1,1-Trichloroethane	10.0	9.34	ug/L	93	SW846 8260B
2-Butanone	50.0	53.8	ug/L	108	SW846 8260B
1,1-Dichloropropene	10.0	9.01	ug/L	90	SW846 8260B
1,2-Dichloropropane	10.0	9.56	ug/L	96	SW846 8260B
Carbon tetrachloride	10.0	9.78	ug/L	98	SW846 8260B
1,3-Dichloropropane	10.0	10.2	ug/L	102	SW846 8260B
1,2-Dibromoethane	10.0	10.3	ug/L	103	SW846 8260B
cis-1,3-Dichloropropene	10.0	10.9	ug/L	109	SW846 8260B
Benzene	**10.0**	**9.34**	**ug/L**	**93**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	10.8	ug/L	108	SW846 8260B
Trichloroethene	**10.0**	**8.36**	**ug/L**	**84**	**SW846 8260B**
Bromodichloromethane	10.0	10.2	ug/L	102	SW846 8260B
Isopropyl ether	10.0	9.52	ug/L	95	SW846 8260B
4-Methyl-2-pentanone	50.0	55.8	ug/L	112	SW846 8260B
Naphthalene	10.0	9.98	ug/L	100	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C310000-429

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.45**	**ug/L**	**94**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	10.2	ug/L	102	SW846 8260B
Tert-amyl methyl ether	10.0	10.1	ug/L	101	SW846 8260B
Tert-butyl ethyl ether	10.0	10.4	ug/L	104	SW846 8260B
1,2-Dichloroethane	10.0	9.99	ug/L	100	SW846 8260B
Tetrachloroethene	10.0	8.97	ug/L	90	SW846 8260B
2-Hexanone	50.0	56.6	ug/L	113	SW846 8260B
Dibromochloromethane	10.0	10.4	ug/L	104	SW846 8260B
Chlorobenzene	**10.0**	**9.71**	**ug/L**	**97**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	10.3	ug/L	103	SW846 8260B
Ethylbenzene	10.0	9.83	ug/L	98	SW846 8260B
m-Xylene & p-Xylene	20.0	19.9	ug/L	100	SW846 8260B
Vinyl chloride	10.0	8.23	ug/L	82	SW846 8260B
o-Xylene	10.0	10.3	ug/L	103	SW846 8260B
Styrene	10.0	10.4	ug/L	104	SW846 8260B
Bromoform	10.0	11.6	ug/L	116	SW846 8260B
Isopropylbenzene	10.0	8.92	ug/L	89	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.51	ug/L	95	SW846 8260B
1,2,3-Trichloropropane	10.0	9.62	ug/L	96	SW846 8260B
n-Propylbenzene	10.0	9.04	ug/L	90	SW846 8260B
Bromobenzene	10.0	9.20	ug/L	92	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.12	ug/L	91	SW846 8260B
2-Chlorotoluene	10.0	9.16	ug/L	92	SW846 8260B
4-Chlorotoluene	10.0	9.47	ug/L	95	SW846 8260B
tert-Butylbenzene	10.0	9.20	ug/L	92	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
sec-Butylbenzene	10.0	9.31	ug/L	93	SW846 8260B
p-Isopropyltoluene	10.0	8.46	ug/L	85	SW846 8260B
1,3-Dichlorobenzene	10.0	9.01	ug/L	90	SW846 8260B
1,4-Dichlorobenzene	10.0	9.10	ug/L	91	SW846 8260B
n-Butylbenzene	10.0	8.81	ug/L	88	SW846 8260B
1,2-Dichlorobenzene	10.0	9.28	ug/L	93	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	9.21	ug/L	92	SW846 8260B
1,2,4-Trichloro-benzene	10.0	9.22	ug/L	92	SW846 8260B
Hexachlorobutadiene	10.0	8.50	ug/L	85	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GC9H91AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C310000-429

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	9.28	ug/L	93	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	104	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 Work Order #...: GCXA31AC-MS Matrix.....: WATER
MS Lot-Sample #: E4C250286-003 GCXA31AD-MSD
Date Sampled...: 03/24/04 09:00 Date Received..: 03/24/04 19:00
Prep Date.....: 03/28/04 Analysis Date..: 03/28/04
Prep Batch #...: 4089667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	124	(65 - 135)			SW846 8260B
	134	(65 - 135)	7.4	(0-25)	SW846 8260B
Benzene	102	(75 - 125)			SW846 8260B
	102	(75 - 125)	0.48	(0-25)	SW846 8260B
Trichloroethene	98	(75 - 135)			SW846 8260B
	98	(75 - 135)	0.08	(0-25)	SW846 8260B
Toluene	95	(75 - 125)			SW846 8260B
	93	(75 - 125)	1.9	(0-25)	SW846 8260B
Chlorobenzene	95	(75 - 125)			SW846 8260B
	94	(75 - 125)	0.76	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	112	(75 - 130)
	111	(75 - 130)
1,2-Dichloroethane-d4	139 *	(65 - 135)
	135	(65 - 135)
Toluene-d8	97	(80 - 130)
	96	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GCXA31AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250286-003 GCXA31AD-MSD
Date Sampled...: 03/24/04 09:00 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	1000	1240	ug/L	124		SW846 8260B
	ND	1000	1340	ug/L	134	7.4	SW846 8260B
Benzene	ND	1000	1020	ug/L	102		SW846 8260B
	ND	1000	1020	ug/L	102	0.48	SW846 8260B
Trichloroethene	4900	1000	5880	ug/L	98		SW846 8260B
	4900	1000	5870	ug/L	98	0.08	SW846 8260B
Toluene	ND	1000	948	ug/L	95		SW846 8260B
	ND	1000	930	ug/L	93	1.9	SW846 8260B
Chlorobenzene	ND	1000	948	ug/L	95		SW846 8260B
	ND	1000	940	ug/L	94	0.76	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	112	(75 - 130)
	111	(75 - 130)
1,2-Dichloroethane-d4	139 *	(65 - 135)
	135	(65 - 135)
Toluene-d8	97	(80 - 130)
	96	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

* Surrogate recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GCXAV1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250286-001 GCXAV1AD-MSD
Date Sampled...: 03/24/04 11:00 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/29/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4090792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	92	(65 - 135)			SW846 8260B
	88	(65 - 135)	4.4	(0-25)	SW846 8260B
Benzene	89	(75 - 125)			SW846 8260B
	88	(75 - 125)	1.4	(0-25)	SW846 8260B
Trichloroethene	0.0 MSB	(75 - 135)			SW846 8260B
	0.0 MSB	(75 - 135)	0.0	(0-25)	SW846 8260B
Toluene	85	(75 - 125)			SW846 8260B
	84	(75 - 125)	0.82	(0-25)	SW846 8260B
Chlorobenzene	81	(75 - 125)			SW846 8260B
	79	(75 - 125)	1.6	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	92	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	90	(65 - 135)
Toluene-d8	100	(80 - 130)
	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 **Work Order #...:** GCXAV1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250286-001 GCXAV1AD-MSD
Date Sampled...: 03/24/04 11:00 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/29/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4090792

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	1000	916	ug/L	92		SW846 8260B
	ND	1000	877	ug/L	88	4.4	SW846 8260B
Benzene	ND	1000	888	ug/L	89		SW846 8260B
	ND	1000	876	ug/L	88	1.4	SW846 8260B
Trichloroethene	5900	1000		ug/L	0.0		SW846 8260B
	Qualifiers: MSB						
	5900	1000		ug/L	0.0	0.0	SW846 8260B
	Qualifiers: MSB						
Toluene	ND	1000	850	ug/L	85		SW846 8260B
	ND	1000	843	ug/L	84	0.82	SW846 8260B
Chlorobenzene	ND	1000	808	ug/L	81		SW846 8260B
	ND	1000	795	ug/L	79	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	92	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	90	(65 - 135)
Toluene-d8	100	(80 - 130)
	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 Work Order #...: GCWKF1AC-MS Matrix.....: WG
MS Lot-Sample #: E4C250209-005 GCWKF1AD-MSD
Date Sampled...: 03/24/04 13:10 Date Received..: 03/24/04 17:45
Prep Date.....: 03/31/04 Analysis Date..: 03/31/04
Prep Batch #...: 4091429

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	16 a,MSC	(65 - 135)			SW846 8260B
	17 a,MSC	(65 - 135)	0.03	(0-25)	SW846 8260B
Benzene	94	(75 - 125)			SW846 8260B
	95	(75 - 125)	0.92	(0-25)	SW846 8260B
Trichloroethene	19 a,MSC	(75 - 135)			SW846 8260B
	26 a,MSC	(75 - 135)	1.8	(0-25)	SW846 8260B
Toluene	101	(75 - 125)			SW846 8260B
	101	(75 - 125)	0.09	(0-25)	SW846 8260B
Chlorobenzene	98	(75 - 125)			SW846 8260B
	99	(75 - 125)	0.88	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(75 - 130)
	106	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
	98	(65 - 135)
Toluene-d8	107	(80 - 130)
	107	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C250209 Work Order #...: GCWKF1AC-MS Matrix.....: WG
MS Lot-Sample #: E4C250209-005 GCWKF1AD-MSD
Date Sampled...: 03/24/04 13:10 Date Received..: 03/24/04 17:45
Prep Date.....: 03/31/04 Analysis Date..: 03/31/04
Prep Batch #...: 4091429

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	500	100	516	ug/L	16		SW846 8260B
	Qualifiers:		a,MSC				
	500	100	516	ug/L	17	0.03	SW846 8260B
	Qualifiers:		a,MSC				
Benzene	ND	100	94.2	ug/L	94		SW846 8260B
	ND	100	95.0	ug/L	95	0.92	SW846 8260B
Trichloroethene	380	100	396	ug/L	19		SW846 8260B
	Qualifiers:		a,MSC				
	380	100	403	ug/L	26	1.8	SW846 8260B
	Qualifiers:		a,MSC				
Toluene	ND	100	101	ug/L	101		SW846 8260B
	ND	100	101	ug/L	101	0.09	SW846 8260B
Chlorobenzene	3.4	100	101	ug/L	98		SW846 8260B
	3.4	100	102	ug/L	99	0.88	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	104	(75 - 130)
	106	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
	98	(65 - 135)
Toluene-d8	107	(80 - 130)
	107	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MSC The percent recovery of this analyte in the associated laboratory control sample is within control limits.

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Beth Breitenbach

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

CH2M Hill

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

ANALYTICAL REPORT

PROJECT NO. C-6 TORRANCE

Boeing C-6/Tait EM2303

Karen Adkison

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 31, 2004

EXECUTIVE SUMMARY - Detection Highlights

E4C260248

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TMW_01_WG032504-0001 03/25/04 10:20	**001**			
Trichlorofluoromethane	28 J	50	ug/L	SW846 8260B
1,1-Dichloroethene	74	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	8.1 J	25	ug/L	SW846 8260B
Trichloroethene	840	25	ug/L	SW846 8260B
TMW_02_WG032504-0001 03/25/04 10:30	**002**			
1,1-Dichloroethene	19000	500	ug/L	SW846 8260B
Acetone	1700 J	5000	ug/L	SW846 8260B
trans-1,2-Dichloroethene	370 J	500	ug/L	SW846 8260B
1,1-Dichloroethane	1200	500	ug/L	SW846 8260B
cis-1,2-Dichloroethene	8400	500	ug/L	SW846 8260B
1,1,1-Trichloroethane	500	500	ug/L	SW846 8260B
Trichloroethene	5500	500	ug/L	SW846 8260B
Toluene	880	500	ug/L	SW846 8260B
MW0005_WG032504_0001 03/25/04 11:35	**003**			
1,1-Dichloroethene	2300	50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	68	50	ug/L	SW846 8260B
1,1-Dichloroethane	52	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	150	50	ug/L	SW846 8260B
Trichloroethene	2500	50	ug/L	SW846 8260B
1,1,2-Trichloroethane	29 J	50	ug/L	SW846 8260B
1,2-Dichloroethane	32	25	ug/L	SW846 8260B
DAC_P1_WG032504_0001 03/25/04 12:21	**004**			
cis-1,2-Dichloroethene	110	12	ug/L	SW846 8260B
Trichloroethene	690	12	ug/L	SW846 8260B
TMW_04_WG032504_0001 03/25/04 12:55	**005**			
1,1-Dichloroethene	530	25	ug/L	SW846 8260B
trans-1,2-Dichloroethene	17 J	25	ug/L	SW846 8260B
1,1-Dichloroethane	15 J	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	33	25	ug/L	SW846 8260B
Chloroform	11 J	25	ug/L	SW846 8260B
Trichloroethene	1500	25	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E4C260248

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
XMW_09_WG032504_0001 03/25/04 14:25 006				
Chloroform	1900	50	ug/L	SW846 8260B
Trichloroethene	32 J	50	ug/L	SW846 8260B
Tetrachloroethene	68	50	ug/L	SW846 8260B
Chlorobenzene	97	50	ug/L	SW846 8260B
TMW_08_WG032504_0001 03/25/04 14:05 007				
trans-1,2-Dichloroethene	54	50	ug/L	SW846 8260B
1,1-Dichloroethane	42 J	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	340	50	ug/L	SW846 8260B
Benzene	16 J	50	ug/L	SW846 8260B
Trichloroethene	2100	50	ug/L	SW846 8260B
EB_TAIT032504_0001 03/25/04 07:30 008				
Methyl tert-butyl ether	0.90 J	1.0	ug/L	SW846 8260B
Benzene	0.53 J	1.0	ug/L	SW846 8260B
Toluene	2.5	1.0	ug/L	SW846 8260B
Ethylbenzene	0.24 J	1.0	ug/L	SW846 8260B
Xylenes (total)	1.0	1.0	ug/L	SW846 8260B
TB_TAIT032504_0001 03/25/04 009				
Acetone	6.4 J	10	ug/L	SW846 8260B
DB_TAIT032504_0001 03/25/04 07:30 010				
Methyl tert-butyl ether	0.89 J	1.0	ug/L	SW846 8260B
Benzene	0.51 J	1.0	ug/L	SW846 8260B
Toluene	2.4	1.0	ug/L	SW846 8260B
Ethylbenzene	0.21 J	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E4C260248

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

E4C260248

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GC118	001	TMW_01_WG032504-0001	03/25/04	10:20
GC12A	002	TMW_02_WG032504-0001	03/25/04	10:30
GC12C	003	MW0005_WG032504_0001	03/25/04	11:35
GC12E	004	DAC_P1_WG032504_0001	03/25/04	12:21
GC12F	005	TMW_04_WG032504_0001	03/25/04	12:55
GC12G	006	XMW_09_WG032504_0001	03/25/04	14:25
GC12J	007	TMW_08_WG032504_0001	03/25/04	14:05
GC12L	008	EB_TAIT032504_0001	03/25/04	07:30
GC12Q	009	TB_TAIT032504_0001	03/25/04	
GC12R	010	DB_TAIT032504_0001	03/25/04	07:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_01_WG032504-0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-001 **Work Order #...:** GC1181AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 10:20 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	**28 J**	**50**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	25	ug/L
1,1-Dichloroethene	**74**	**25**	**ug/L**
Methylene chloride	ND	25	ug/L
Methyl tert-butyl ether	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Acetone	ND	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	**8.1 J**	**25**	**ug/L**
Chloroform	ND	25	ug/L
Bromochloromethane	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
2-Butanone	ND	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	**840**	**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

(Continued on next page)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_01_WG032504-0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-001 **Work Order #...:** GC1181AA **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	50	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
Acrolein	ND	500	ug/L
Acrylonitrile	ND	500	ug/L
Iodomethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	120	ug/L
Tetrahydrofuran	ND	250	ug/L
Vinyl acetate	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_02_WG032504-0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-002 **Work Order #...:** GC12A1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 10:30 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	500	ug/L
Chloromethane	ND	1000	ug/L
Chloroethane	ND	1000	ug/L
Bromomethane	ND	1000	ug/L
Trichlorofluoromethane	ND	1000	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	500	ug/L
1,1-Dichloroethene	**19000**	**500**	**ug/L**
Methylene chloride	ND	500	ug/L
Methyl tert-butyl ether	ND	500	ug/L
Carbon disulfide	ND	500	ug/L
Acetone	**1700 J**	**5000**	**ug/L**
trans-1,2-Dichloroethene	**370 J**	**500**	**ug/L**
1,1-Dichloroethane	**1200**	**500**	**ug/L**
2,2-Dichloropropane	ND	500	ug/L
cis-1,2-Dichloroethene	**8400**	**500**	**ug/L**
Chloroform	ND	500	ug/L
Bromochloromethane	ND	500	ug/L
1,1,1-Trichloroethane	**500**	**500**	**ug/L**
2-Butanone	ND	2500	ug/L
1,1-Dichloropropene	ND	500	ug/L
Carbon tetrachloride	ND	250	ug/L
1,2-Dibromoethane	ND	500	ug/L
Benzene	ND	500	ug/L
Trichloroethene	**5500**	**500**	**ug/L**
Bromodichloromethane	ND	500	ug/L
4-Methyl-2-pentanone	ND	2500	ug/L
Toluene	**880**	**500**	**ug/L**
1,1,2-Trichloroethane	ND	500	ug/L
1,2-Dichloroethane	ND	250	ug/L
Tetrachloroethene	ND	500	ug/L
2-Hexanone	ND	2500	ug/L
Dibromochloromethane	ND	500	ug/L
Chlorobenzene	ND	500	ug/L
1,1,1,2-Tetrachloroethane	ND	500	ug/L
Ethylbenzene	ND	500	ug/L
Vinyl chloride	ND	250	ug/L
Xylenes (total)	ND	500	ug/L
Styrene	ND	500	ug/L
Bromoform	ND	500	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_02_WG032504-0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-002 **Work Order #...:** GC12A1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	500	ug/L
1,1,2,2-Tetrachloroethane	ND	500	ug/L
1,2,3-Trichloropropane	ND	500	ug/L
n-Propylbenzene	ND	500	ug/L
Bromobenzene	ND	500	ug/L
1,3,5-Trimethylbenzene	ND	500	ug/L
2-Chlorotoluene	ND	500	ug/L
4-Chlorotoluene	ND	500	ug/L
tert-Butylbenzene	ND	500	ug/L
1,2,4-Trimethylbenzene	ND	500	ug/L
sec-Butylbenzene	ND	500	ug/L
p-Isopropyltoluene	ND	500	ug/L
1,3-Dichlorobenzene	ND	500	ug/L
1,4-Dichlorobenzene	ND	500	ug/L
n-Butylbenzene	ND	500	ug/L
1,2-Dichlorobenzene	ND	500	ug/L
1,2-Dibromo-3-chloro-propane	ND	1000	ug/L
1,2,4-Trichloro-benzene	ND	500	ug/L
Hexachlorobutadiene	ND	500	ug/L
1,2,3-Trichlorobenzene	ND	500	ug/L
Acrolein	ND	10000	ug/L
Acrylonitrile	ND	10000	ug/L
Iodomethane	ND	1000	ug/L
2-Chloroethyl vinyl ether	ND	2500	ug/L
Tetrahydrofuran	ND	5000	ug/L
Vinyl acetate	ND	2500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: MW0005_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-003 **Work Order #...:** GC12C1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 11:35 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	**2300**	**50**	**ug/L**
Methylene chloride	ND	50	ug/L
Methyl tert-butyl ether	ND	50	ug/L
Carbon disulfide	ND	50	ug/L
Acetone	ND	500	ug/L
trans-1,2-Dichloroethene	**68**	**50**	**ug/L**
1,1-Dichloroethane	**52**	**50**	**ug/L**
2,2-Dichloropropane	ND	50	ug/L
cis-1,2-Dichloroethene	**150**	**50**	**ug/L**
Chloroform	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
2-Butanone	ND	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	**2500**	**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	**29 J**	**50**	**ug/L**
1,2-Dichloroethane	**32**	**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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TAIT ENVIRONMENTAL

Client Sample ID: MW0005_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-003 **Work Order #...:** GC12C1AA **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	100	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
Acrolein	ND	1000	ug/L
Acrylonitrile	ND	1000	ug/L
Iodomethane	ND	100	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L
Tetrahydrofuran	ND	500	ug/L
Vinyl acetate	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-004 **Work Order #...:** GC12E1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 12:21 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	12	ug/L
Chloromethane	ND	25	ug/L
Chloroethane	ND	25	ug/L
Bromomethane	ND	25	ug/L
Trichlorofluoromethane	ND	25	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	12	ug/L
1,1-Dichloroethene	ND	12	ug/L
Methylene chloride	ND	12	ug/L
Methyl tert-butyl ether	ND	12	ug/L
Carbon disulfide	ND	12	ug/L
Acetone	ND	120	ug/L
trans-1,2-Dichloroethene	ND	12	ug/L
1,1-Dichloroethane	ND	12	ug/L
2,2-Dichloropropane	ND	12	ug/L
cis-1,2-Dichloroethene	**110**	**12**	**ug/L**
Chloroform	ND	12	ug/L
Bromochloromethane	ND	12	ug/L
1,1,1-Trichloroethane	ND	12	ug/L
2-Butanone	ND	62	ug/L
1,1-Dichloropropene	ND	12	ug/L
Carbon tetrachloride	ND	6.2	ug/L
1,2-Dibromoethane	ND	12	ug/L
Benzene	ND	12	ug/L
Trichloroethene	**690**	**12**	**ug/L**
Bromodichloromethane	ND	12	ug/L
4-Methyl-2-pentanone	ND	62	ug/L
Toluene	ND	12	ug/L
1,1,2-Trichloroethane	ND	12	ug/L
1,2-Dichloroethane	ND	6.2	ug/L
Tetrachloroethene	ND	12	ug/L
2-Hexanone	ND	62	ug/L
Dibromochloromethane	ND	12	ug/L
Chlorobenzene	ND	12	ug/L
1,1,1,2-Tetrachloroethane	ND	12	ug/L
Ethylbenzene	ND	12	ug/L
Vinyl chloride	ND	6.2	ug/L
Xylenes (total)	ND	12	ug/L
Styrene	ND	12	ug/L
Bromoform	ND	12	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: DAC_P1_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-004 **Work Order #...:** GC12E1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	12	ug/L
1,1,2,2-Tetrachloroethane	ND	12	ug/L
1,2,3-Trichloropropane	ND	12	ug/L
n-Propylbenzene	ND	12	ug/L
Bromobenzene	ND	12	ug/L
1,3,5-Trimethylbenzene	ND	12	ug/L
2-Chlorotoluene	ND	12	ug/L
4-Chlorotoluene	ND	12	ug/L
tert-Butylbenzene	ND	12	ug/L
1,2,4-Trimethylbenzene	ND	12	ug/L
sec-Butylbenzene	ND	12	ug/L
p-Isopropyltoluene	ND	12	ug/L
1,3-Dichlorobenzene	ND	12	ug/L
1,4-Dichlorobenzene	ND	12	ug/L
n-Butylbenzene	ND	12	ug/L
1,2-Dichlorobenzene	ND	12	ug/L
1,2-Dibromo-3-chloro-propane	ND	25	ug/L
1,2,4-Trichloro-benzene	ND	12	ug/L
Hexachlorobutadiene	ND	12	ug/L
1,2,3-Trichlorobenzene	ND	12	ug/L
Acrolein	ND	250	ug/L
Acrylonitrile	ND	250	ug/L
Iodomethane	ND	25	ug/L
2-Chloroethyl vinyl ether	ND	62	ug/L
Tetrahydrofuran	ND	120	ug/L
Vinyl acetate	ND	62	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	96	(80 - 130)

TAIT ENVIRONMENTAL

Client Sample ID: TMW_04_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-005 **Work Order #...:** GC12F1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 12:55 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **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	**530**	**25**	**ug/L**
Methylene chloride	ND	25	ug/L
Methyl tert-butyl ether	ND	25	ug/L
Carbon disulfide	ND	25	ug/L
Acetone	ND	250	ug/L
trans-1,2-Dichloroethene	**17 J**	**25**	**ug/L**
1,1-Dichloroethane	**15 J**	**25**	**ug/L**
2,2-Dichloropropane	ND	25	ug/L
cis-1,2-Dichloroethene	**33**	**25**	**ug/L**
Chloroform	**11 J**	**25**	**ug/L**
Bromochloromethane	ND	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
2-Butanone	ND	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	**1500**	**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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TAIT ENVIRONMENTAL

Client Sample ID: TMW_04_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-005 **Work Order #...:** GC12F1AA **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	50	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
Acrolein	ND	500	ug/L
Acrylonitrile	ND	500	ug/L
Iodomethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND	120	ug/L
Tetrahydrofuran	ND	250	ug/L
Vinyl acetate	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: XMW_09_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-006 **Work Order #...:** GC12G1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 14:25 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	50	ug/L
Acetone	ND	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	**1900**	**50**	**ug/L**
Bromochloromethane	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
2-Butanone	ND	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	**32 J**	**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	**68**	**50**	**ug/L**
2-Hexanone	ND	250	ug/L
Dibromochloromethane	ND	50	ug/L
Chlorobenzene	**97**	**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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TAIT ENVIRONMENTAL

Client Sample ID: XMW_09_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-006 **Work Order #...:** GC12G1AA **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	100	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
Acrolein	ND	1000	ug/L
Acrylonitrile	ND	1000	ug/L
Iodomethane	ND	100	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L
Tetrahydrofuran	ND	500	ug/L
Vinyl acetate	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	102	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TMW_08_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-007 **Work Order #...:** GC12J1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 14:05 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	50	ug/L
Acetone	ND	500	ug/L
trans-1,2-Dichloroethene	**54**	**50**	**ug/L**
1,1-Dichloroethane	**42 J**	**50**	**ug/L**
2,2-Dichloropropane	ND	50	ug/L
cis-1,2-Dichloroethene	**340**	**50**	**ug/L**
Chloroform	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
2-Butanone	ND	250	ug/L
1,1-Dichloropropene	ND	50	ug/L
Carbon tetrachloride	ND	25	ug/L
1,2-Dibromoethane	ND	50	ug/L
Benzene	**16 J**	**50**	**ug/L**
Trichloroethene	**2100**	**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
Xylenes (total)	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
Styrene	ND	50	ug/L
Bromoform	ND	50	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_08_WG032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-007 **Work Order #...:** GC12J1AA **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	100	ug/L
1,2,4-Trichloro-benzene	ND	50	ug/L
Hexachlorobutadiene	ND	50	ug/L
1,2,3-Trichlorobenzene	ND	50	ug/L
Acrolein	ND	1000	ug/L
Acrylonitrile	ND	1000	ug/L
Iodomethane	ND	100	ug/L
2-Chloroethyl vinyl ether	ND	250	ug/L
Tetrahydrofuran	ND	500	ug/L
Vinyl acetate	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-008 **Work Order #...:** GC12L1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 07:30 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	**0.90 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.53 J**	**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	**2.5**	**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	**0.24 J**	**1.0**	**ug/L**
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	**1.0**	**1.0**	**ug/L**
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-008 **Work Order #...:** GC12L1AA **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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-009 **Work Order #...:** GC12Q1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	1.0	ug/L
Acetone	**6.4 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	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

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TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-009 **Work Order #...:** GC12Q1AA **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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	102	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-010 **Work Order #...:** GC12R1AA **Matrix.....:** WATER
Date Sampled...: 03/25/04 07:30 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636 **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	**0.89 J**	**1.0**	**ug/L**
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	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	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	**0.51 J**	**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	**2.4**	**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	**0.21 J**	**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

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TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032504_0001

GC/MS Volatiles

Lot-Sample #...: E4C260248-010 **Work Order #...:** GC12R1AA **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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E4C260248

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WATER	SW846 8260B		4089636	4089345
002	WATER	SW846 8260B		4089636	4089345
003	WATER	SW846 8260B		4089636	4089345
004	WATER	SW846 8260B		4089636	4089345
005	WATER	SW846 8260B		4090792	4090412
006	WATER	SW846 8260B		4089636	4089345
007	WATER	SW846 8260B		4089636	4089345
008	WATER	SW846 8260B		4089636	4089345
009	WATER	SW846 8260B		4089636	4089345
010	WATER	SW846 8260B		4089636	4089345

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AA **Matrix.....:** WATER
MB Lot-Sample #: E4C290000-636

Prep Date.....: 03/28/04
Analysis Date..: 03/28/04 **Prep Batch #...:** 4089636

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AA **Matrix.....:** WATER
MB Lot-Sample #: E4C300000-792

Prep Date.....: 03/29/04
Analysis Date..: 03/29/04 **Prep Batch #...:** 4090792

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Acetone	ND	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	0.50	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	0.50	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	0.50	ug/L	SW846 8260B
Xylenes (total)	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
Acrolein	ND	20	ug/L	SW846 8260B
Acrylonitrile	ND	20	ug/L	SW846 8260B
Iodomethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	5.0	ug/L	SW846 8260B
Tetrahydrofuran	ND	10	ug/L	SW846 8260B
Vinyl acetate	ND	5.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	93	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-636
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	112	(40 - 160)	SW846 8260B
Chloromethane	170 a	(60 - 140)	SW846 8260B
Chloroethane	100	(60 - 140)	SW846 8260B
Bromomethane	65	(60 - 140)	SW846 8260B
t-Butanol	109	(40 - 150)	SW846 8260B
Trichlorofluoromethane	92	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	93	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**86**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	95	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	111	(70 - 130)	SW846 8260B
Carbon disulfide	6.8 a	(70 - 130)	SW846 8260B
Acetone	74	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	106	(70 - 130)	SW846 8260B
1,1-Dichloroethane	86	(70 - 130)	SW846 8260B
Dibromomethane	86	(70 - 130)	SW846 8260B
2,2-Dichloropropane	92	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	85	(70 - 130)	SW846 8260B
Chloroform	86	(70 - 130)	SW846 8260B
Bromochloromethane	82	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	86	(70 - 130)	SW846 8260B
2-Butanone	25 a	(60 - 140)	SW846 8260B
1,1-Dichloropropene	84	(70 - 130)	SW846 8260B
1,2-Dichloropropane	86	(70 - 130)	SW846 8260B
Carbon tetrachloride	86	(70 - 130)	SW846 8260B
1,3-Dichloropropane	88	(70 - 130)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	86	(70 - 130)	SW846 8260B
Benzene	**87**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	82	(70 - 130)	SW846 8260B
Trichloroethene	**83**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	85	(70 - 130)	SW846 8260B
Isopropyl ether	93	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	92	(60 - 140)	SW846 8260B
Naphthalene	63	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-636

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**82**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	86	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	88	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	93	(70 - 130)	SW846 8260B
1,2-Dichloroethane	87	(70 - 130)	SW846 8260B
Tetrachloroethene	81	(70 - 130)	SW846 8260B
2-Hexanone	91	(60 - 140)	SW846 8260B
Dibromochloromethane	81	(70 - 130)	SW846 8260B
Chlorobenzene	**80**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	86	(70 - 130)	SW846 8260B
Ethylbenzene	80	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	80	(70 - 130)	SW846 8260B
Vinyl chloride	92	(60 - 140)	SW846 8260B
o-Xylene	81	(70 - 130)	SW846 8260B
Styrene	84	(70 - 130)	SW846 8260B
Bromoform	78	(70 - 130)	SW846 8260B
Isopropylbenzene	73	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	79	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	77	(70 - 130)	SW846 8260B
n-Propylbenzene	73	(70 - 130)	SW846 8260B
Bromobenzene	74	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	76	(70 - 130)	SW846 8260B
2-Chlorotoluene	74	(70 - 130)	SW846 8260B
4-Chlorotoluene	75	(70 - 130)	SW846 8260B
tert-Butylbenzene	73	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	75	(70 - 130)	SW846 8260B
sec-Butylbenzene	76	(70 - 130)	SW846 8260B
p-Isopropyltoluene	70	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	69 a	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	70	(70 - 130)	SW846 8260B
n-Butylbenzene	72	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	70	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	66	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	59 a	(70 - 130)	SW846 8260B
Hexachlorobutadiene	50 a	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-636

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	56 a	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-636
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	11.2	ug/L	112	SW846 8260B
Chloromethane	10.0	17.0 a	ug/L	170	SW846 8260B
Chloroethane	10.0	9.99	ug/L	100	SW846 8260B
Bromomethane	10.0	6.46	ug/L	65	SW846 8260B
t-Butanol	50.0	54.4	ug/L	109	SW846 8260B
Trichlorofluoromethane	10.0	9.19	ug/L	92	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.30	ug/L	93	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.59**	**ug/L**	**86**	**SW846 8260B**
Methylene chloride	10.0	9.49	ug/L	95	SW846 8260B
Methyl tert-butyl ether	10.0	11.1	ug/L	111	SW846 8260B
Carbon disulfide	50.0	3.41 a	ug/L	6.8	SW846 8260B
Acetone	50.0	37.2	ug/L	74	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.6	ug/L	106	SW846 8260B
1,1-Dichloroethane	10.0	8.57	ug/L	86	SW846 8260B
Dibromomethane	10.0	8.59	ug/L	86	SW846 8260B
2,2-Dichloropropane	10.0	9.18	ug/L	92	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.51	ug/L	85	SW846 8260B
Chloroform	10.0	8.58	ug/L	86	SW846 8260B
Bromochloromethane	10.0	8.21	ug/L	82	SW846 8260B
1,1,1-Trichloroethane	10.0	8.55	ug/L	86	SW846 8260B
2-Butanone	50.0	12.7 a	ug/L	25	SW846 8260B
1,1-Dichloropropene	10.0	8.42	ug/L	84	SW846 8260B
1,2-Dichloropropane	10.0	8.55	ug/L	86	SW846 8260B
Carbon tetrachloride	10.0	8.57	ug/L	86	SW846 8260B
1,3-Dichloropropane	10.0	8.77	ug/L	88	SW846 8260B
1,2-Dibromoethane	10.0	8.67	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	10.0	8.56	ug/L	86	SW846 8260B
Benzene	**10.0**	**8.72**	**ug/L**	**87**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.23	ug/L	82	SW846 8260B
Trichloroethene	**10.0**	**8.29**	**ug/L**	**83**	**SW846 8260B**
Bromodichloromethane	10.0	8.52	ug/L	85	SW846 8260B
Isopropyl ether	10.0	9.32	ug/L	93	SW846 8260B
4-Methyl-2-pentanone	50.0	46.1	ug/L	92	SW846 8260B
Naphthalene	10.0	6.28	ug/L	63	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-636

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**8.16**	**ug/L**	**82**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.56	ug/L	86	SW846 8260B
Tert-amyl methyl ether	10.0	8.79	ug/L	88	SW846 8260B
Tert-butyl ethyl ether	10.0	9.27	ug/L	93	SW846 8260B
1,2-Dichloroethane	10.0	8.68	ug/L	87	SW846 8260B
Tetrachloroethene	10.0	8.08	ug/L	81	SW846 8260B
2-Hexanone	50.0	45.5	ug/L	91	SW846 8260B
Dibromochloromethane	10.0	8.10	ug/L	81	SW846 8260B
Chlorobenzene	**10.0**	**7.95**	**ug/L**	**80**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.58	ug/L	86	SW846 8260B
Ethylbenzene	10.0	8.02	ug/L	80	SW846 8260B
m-Xylene & p-Xylene	20.0	16.0	ug/L	80	SW846 8260B
Vinyl chloride	10.0	9.16	ug/L	92	SW846 8260B
o-Xylene	10.0	8.07	ug/L	81	SW846 8260B
Styrene	10.0	8.35	ug/L	84	SW846 8260B
Bromoform	10.0	7.79	ug/L	78	SW846 8260B
Isopropylbenzene	10.0	7.32	ug/L	73	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.87	ug/L	79	SW846 8260B
1,2,3-Trichloropropane	10.0	7.73	ug/L	77	SW846 8260B
n-Propylbenzene	10.0	7.32	ug/L	73	SW846 8260B
Bromobenzene	10.0	7.45	ug/L	74	SW846 8260B
1,3,5-Trimethylbenzene	10.0	7.55	ug/L	76	SW846 8260B
2-Chlorotoluene	10.0	7.42	ug/L	74	SW846 8260B
4-Chlorotoluene	10.0	7.52	ug/L	75	SW846 8260B
tert-Butylbenzene	10.0	7.32	ug/L	73	SW846 8260B
1,2,4-Trimethylbenzene	10.0	7.51	ug/L	75	SW846 8260B
sec-Butylbenzene	10.0	7.56	ug/L	76	SW846 8260B
p-Isopropyltoluene	10.0	7.01	ug/L	70	SW846 8260B
1,3-Dichlorobenzene	10.0	6.93 a	ug/L	69	SW846 8260B
1,4-Dichlorobenzene	10.0	6.98	ug/L	70	SW846 8260B
n-Butylbenzene	10.0	7.20	ug/L	72	SW846 8260B
1,2-Dichlorobenzene	10.0	6.99	ug/L	70	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.55	ug/L	66	SW846 8260B
1,2,4-Trichloro-benzene	10.0	5.91 a	ug/L	59	SW846 8260B
Hexachlorobutadiene	10.0	4.95 a	ug/L	50	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC52D1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C290000-636

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	5.56 a	ug/L	56	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	104	(40 - 160)	SW846 8260B
Chloromethane	178 a	(60 - 140)	SW846 8260B
Chloroethane	102	(60 - 140)	SW846 8260B
Bromomethane	67	(60 - 140)	SW846 8260B
t-Butanol	96	(40 - 150)	SW846 8260B
Trichlorofluoromethane	96	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	96	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**89**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	102	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	98	(70 - 130)	SW846 8260B
Carbon disulfide	6.8 a	(70 - 130)	SW846 8260B
Acetone	75	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	86	(70 - 130)	SW846 8260B
1,1-Dichloroethane	88	(70 - 130)	SW846 8260B
Dibromomethane	83	(70 - 130)	SW846 8260B
2,2-Dichloropropane	94	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	87	(70 - 130)	SW846 8260B
Chloroform	87	(70 - 130)	SW846 8260B
Bromochloromethane	77	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	88	(70 - 130)	SW846 8260B
2-Butanone	89	(60 - 140)	SW846 8260B
1,1-Dichloropropene	87	(70 - 130)	SW846 8260B
1,2-Dichloropropane	86	(70 - 130)	SW846 8260B
Carbon tetrachloride	88	(70 - 130)	SW846 8260B
1,3-Dichloropropane	89	(70 - 130)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	85	(70 - 130)	SW846 8260B
Benzene	**88**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	81	(70 - 130)	SW846 8260B
Trichloroethene	**85**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	84	(70 - 130)	SW846 8260B
Isopropyl ether	95	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	94	(60 - 140)	SW846 8260B
Naphthalene	62	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**85**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	86	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	87	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	94	(70 - 130)	SW846 8260B
1,2-Dichloroethane	88	(70 - 130)	SW846 8260B
Tetrachloroethene	83	(70 - 130)	SW846 8260B
2-Hexanone	96	(60 - 140)	SW846 8260B
Dibromochloromethane	77	(70 - 130)	SW846 8260B
Chlorobenzene	**80**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	86	(70 - 130)	SW846 8260B
Ethylbenzene	83	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	83	(70 - 130)	SW846 8260B
Vinyl chloride	92	(60 - 140)	SW846 8260B
o-Xylene	82	(70 - 130)	SW846 8260B
Styrene	85	(70 - 130)	SW846 8260B
Bromoform	67 a	(70 - 130)	SW846 8260B
Isopropylbenzene	76	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	79	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	76	(70 - 130)	SW846 8260B
n-Propylbenzene	76	(70 - 130)	SW846 8260B
Bromobenzene	75	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	79	(70 - 130)	SW846 8260B
2-Chlorotoluene	76	(70 - 130)	SW846 8260B
4-Chlorotoluene	78	(70 - 130)	SW846 8260B
tert-Butylbenzene	77	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	78	(70 - 130)	SW846 8260B
sec-Butylbenzene	78	(70 - 130)	SW846 8260B
p-Isopropyltoluene	73	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	71	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	72	(70 - 130)	SW846 8260B
n-Butylbenzene	77	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	71	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	63	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	58 a	(70 - 130)	SW846 8260B
Hexachlorobutadiene	52 a	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	54 a	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	10.4	ug/L	104	SW846 8260B
Chloromethane	10.0	17.8 a	ug/L	178	SW846 8260B
Chloroethane	10.0	10.2	ug/L	102	SW846 8260B
Bromomethane	10.0	6.72	ug/L	67	SW846 8260B
t-Butanol	50.0	48.2	ug/L	96	SW846 8260B
Trichlorofluoromethane	10.0	9.58	ug/L	96	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.62	ug/L	96	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.92**	**ug/L**	**89**	**SW846 8260B**
Methylene chloride	10.0	10.2	ug/L	102	SW846 8260B
Methyl tert-butyl ether	10.0	9.76	ug/L	98	SW846 8260B
Carbon disulfide	50.0	3.38 a	ug/L	6.8	SW846 8260B
Acetone	50.0	37.6	ug/L	75	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.61	ug/L	86	SW846 8260B
1,1-Dichloroethane	10.0	8.78	ug/L	88	SW846 8260B
Dibromomethane	10.0	8.26	ug/L	83	SW846 8260B
2,2-Dichloropropane	10.0	9.37	ug/L	94	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.67	ug/L	87	SW846 8260B
Chloroform	10.0	8.72	ug/L	87	SW846 8260B
Bromochloromethane	10.0	7.72	ug/L	77	SW846 8260B
1,1,1-Trichloroethane	10.0	8.79	ug/L	88	SW846 8260B
2-Butanone	50.0	44.6	ug/L	89	SW846 8260B
1,1-Dichloropropene	10.0	8.72	ug/L	87	SW846 8260B
1,2-Dichloropropane	10.0	8.63	ug/L	86	SW846 8260B
Carbon tetrachloride	10.0	8.77	ug/L	88	SW846 8260B
1,3-Dichloropropane	10.0	8.91	ug/L	89	SW846 8260B
1,2-Dibromoethane	10.0	8.67	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	10.0	8.52	ug/L	85	SW846 8260B
Benzene	**10.0**	**8.82**	**ug/L**	**88**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.07	ug/L	81	SW846 8260B
Trichloroethene	**10.0**	**8.52**	**ug/L**	**85**	**SW846 8260B**
Bromodichloromethane	10.0	8.35	ug/L	84	SW846 8260B
Isopropyl ether	10.0	9.53	ug/L	95	SW846 8260B
4-Methyl-2-pentanone	50.0	47.0	ug/L	94	SW846 8260B
Naphthalene	10.0	6.19	ug/L	62	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**8.49**	**ug/L**	**85**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.59	ug/L	86	SW846 8260B
Tert-amyl methyl ether	10.0	8.70	ug/L	87	SW846 8260B
Tert-butyl ethyl ether	10.0	9.37	ug/L	94	SW846 8260B
1,2-Dichloroethane	10.0	8.80	ug/L	88	SW846 8260B
Tetrachloroethene	10.0	8.29	ug/L	83	SW846 8260B
2-Hexanone	50.0	47.9	ug/L	96	SW846 8260B
Dibromochloromethane	10.0	7.66	ug/L	77	SW846 8260B
Chlorobenzene	**10.0**	**8.05**	**ug/L**	**80**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.63	ug/L	86	SW846 8260B
Ethylbenzene	10.0	8.33	ug/L	83	SW846 8260B
m-Xylene & p-Xylene	20.0	16.5	ug/L	83	SW846 8260B
Vinyl chloride	10.0	9.21	ug/L	92	SW846 8260B
o-Xylene	10.0	8.23	ug/L	82	SW846 8260B
Styrene	10.0	8.54	ug/L	85	SW846 8260B
Bromoform	10.0	6.69 a	ug/L	67	SW846 8260B
Isopropylbenzene	10.0	7.59	ug/L	76	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.90	ug/L	79	SW846 8260B
1,2,3-Trichloropropane	10.0	7.62	ug/L	76	SW846 8260B
n-Propylbenzene	10.0	7.56	ug/L	76	SW846 8260B
Bromobenzene	10.0	7.48	ug/L	75	SW846 8260B
1,3,5-Trimethylbenzene	10.0	7.86	ug/L	79	SW846 8260B
2-Chlorotoluene	10.0	7.62	ug/L	76	SW846 8260B
4-Chlorotoluene	10.0	7.75	ug/L	78	SW846 8260B
tert-Butylbenzene	10.0	7.68	ug/L	77	SW846 8260B
1,2,4-Trimethylbenzene	10.0	7.80	ug/L	78	SW846 8260B
sec-Butylbenzene	10.0	7.81	ug/L	78	SW846 8260B
p-Isopropyltoluene	10.0	7.34	ug/L	73	SW846 8260B
1,3-Dichlorobenzene	10.0	7.14	ug/L	71	SW846 8260B
1,4-Dichlorobenzene	10.0	7.19	ug/L	72	SW846 8260B
n-Butylbenzene	10.0	7.68	ug/L	77	SW846 8260B
1,2-Dichlorobenzene	10.0	7.12	ug/L	71	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.31	ug/L	63	SW846 8260B
1,2,4-Trichloro-benzene	10.0	5.84 a	ug/L	58	SW846 8260B
Hexachlorobutadiene	10.0	5.24 a	ug/L	52	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC8EC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E4C300000-792

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	5.43 a	ug/L	54	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC12G1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C260248-006 GC12G1AD-MSD
Date Sampled...: 03/25/04 14:25 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	91	(65 - 135)			SW846 8260B
	93	(65 - 135)	1.7	(0-25)	SW846 8260B
Benzene	91	(75 - 125)			SW846 8260B
	91	(75 - 125)	0.81	(0-25)	SW846 8260B
Trichloroethene	84	(75 - 135)			SW846 8260B
	85	(75 - 135)	0.74	(0-25)	SW846 8260B
Toluene	86	(75 - 125)			SW846 8260B
	86	(75 - 125)	0.69	(0-25)	SW846 8260B
Chlorobenzene	82	(75 - 125)			SW846 8260B
	80	(75 - 125)	1.8	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
	93	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
	92	(65 - 135)
Toluene-d8	99	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GC12G1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C260248-006 GC12G1AD-MSD
Date Sampled...: 03/25/04 14:25 **Date Received..:** 03/25/04 18:00
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089636

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	500	455	ug/L	91		SW846 8260B
	ND	500	463	ug/L	93	1.7	SW846 8260B
Benzene	ND	500	453	ug/L	91		SW846 8260B
	ND	500	457	ug/L	91	0.81	SW846 8260B
Trichloroethene	32	500	455	ug/L	84		SW846 8260B
	32	500	458	ug/L	85	0.74	SW846 8260B
Toluene	ND	500	431	ug/L	86		SW846 8260B
	ND	500	428	ug/L	86	0.69	SW846 8260B
Chlorobenzene	97	500	508	ug/L	82		SW846 8260B
	97	500	499	ug/L	80	1.8	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
	93	(75 - 130)
1,2-Dichloroethane-d4	95	(65 - 135)
	92	(65 - 135)
Toluene-d8	99	(80 - 130)
	98	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 Work Order #...: GCXAV1AC-MS Matrix.....: WATER
MS Lot-Sample #: E4C250286-001 GCXAV1AD-MSD
Date Sampled...: 03/24/04 11:00 Date Received..: 03/24/04 19:00
Prep Date.....: 03/29/04 Analysis Date..: 03/30/04
Prep Batch #...: 4090792

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	92	(65 - 135)			SW846 8260B
	88	(65 - 135)	4.4	(0-25)	SW846 8260B
Benzene	89	(75 - 125)			SW846 8260B
	88	(75 - 125)	1.4	(0-25)	SW846 8260B
Trichloroethene	0.0 MSB	(75 - 135)			SW846 8260B
	0.0 MSB	(75 - 135)	0.0	(0-25)	SW846 8260B
Toluene	85	(75 - 125)			SW846 8260B
	84	(75 - 125)	0.82	(0-25)	SW846 8260B
Chlorobenzene	81	(75 - 125)			SW846 8260B
	79	(75 - 125)	1.6	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	92	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	90	(65 - 135)
Toluene-d8	100	(80 - 130)
	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E4C260248 **Work Order #...:** GCXAV1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E4C250286-001 GCXAV1AD-MSD
Date Sampled...: 03/24/04 11:00 **Date Received..:** 03/24/04 19:00
Prep Date.....: 03/29/04 **Analysis Date..:** 03/30/04
Prep Batch #...: 4090792

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	1000	916	ug/L	92		SW846 8260B
	ND	1000	877	ug/L	88	4.4	SW846 8260B
Benzene	ND	1000	888	ug/L	89		SW846 8260B
	ND	1000	876	ug/L	88	1.4	SW846 8260B
Trichloroethene	5900	1000		ug/L	0.0		SW846 8260B
	Qualifiers: MSB						
	5900	1000		ug/L	0.0	0.0	SW846 8260B
	Qualifiers: MSB						
Toluene	ND	1000	850	ug/L	85		SW846 8260B
	ND	1000	843	ug/L	84	0.82	SW846 8260B
Chlorobenzene	ND	1000	808	ug/L	81		SW846 8260B
	ND	1000	795	ug/L	79	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	92	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	90	(65 - 135)
Toluene-d8	100	(80 - 130)
	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MSB The recovery and RPD were not calculated because the sample amount was greater than four times the spike amount.

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

April 22, 2004

SUBJECT: Boeing C-6 Facility, Data Validation

Dear Ms. Breitenbach,

Enclosed is the final validation report for the fraction listed below. This SDG was received on April 13, 2004. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 11815:

SDG #	Fraction
E4C250209	Volatiles

The data validation was performed under Tier 1, 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

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

Sincerely,

Steven A. Zaliak
Senior Chemist

11815COV.wpd

Attachment 1

LDC #11815 (Haley & Aldrich, Inc.-San Diego / Former Boeing C-6 Facility)

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	E4C250209	04/13/04	04/19/04	5	0	Tier 1																													
A	E4C250209	04/13/04	04/19/04	4	0	Tier 2																													
A	E4C250209	04/13/04	04/19/04	1	0	Tier 3																													
Total	B			10	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	0

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

11815ST.wpd

Former Boeing C-6 Facility
Data Validation Reports
LDC# 11815

Volatiles

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Boeing Huntington Beach

Collection Date: March 24, 2004

LDC Report Date: April 16, 2004

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 1, Tier 2, & Tier 3

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E4C250209

Sample Identification

CMW026_WG032404_0001
WCC_06S_WG032404_0001*
TMW_07_WG032404_0001*
TMW_09_WG032404_0001
WCC_04S_WG032404_0001**
WCC_03S_WG032404_0001*
EB_TAIT032404_0001
TB_TAIT032404_0001
DB_TAIT032404_0001
CMW026_WG032404_0002*
WCC_04S_WG032404_0001MS
WCC_04S_WG032404_0001MSD

*Indicates sample underwent a Tier 2 review
**Indicates sample underwent a Tier 3 review
All others samples underwent a Tier 1 review

Introduction

This data review covers 12 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.

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
3/30/04	Iodomethane Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	38.242 50.178 74.108 32.246	WCC_04S_WG032404_0001** WCC_04S_WG032404_0001MS WCC_04S_WG032404_0001MSD 4091429-MB	J (all detects) UJ (all non-detects)	A
3/23/04	Tetrahydrofuran 2-Chloroethylvinyl ether	36.181 46.218	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002* 4090792-MB	J (all detects) UJ (all non-detects) 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
3/30/04	Acrolein Acetone Iodomethane Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.01291 (≥0.05) 0.01745 (≥0.05) 0.02264 (≥0.05) 0.02691 (≥0.05) 0.03545 (≥0.05) 0.03220 (≥0.05) 0.00146 (≥0.05)	WCC_04S_WG032404_0001** WCC_04S_WG032404_0001MS WCC_04S_WG032404_0001MSD 4091429-MB	J (all detects) UJ (all non-detects)	A
3/23/04	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.03426 (≥0.05) 0.01630 (≥0.05) 0.03620 (≥0.05) 0.03520 (≥0.05) 0.03148 (≥0.05) 0.00781 (≥0.05)	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002* 4090792-MB	J (all detects) R (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
3/30/04	2-Chloroethylvinyl ether	54.08244	WCC_04S_WG032404_0001** WCC_04S_WG032404_0001MS WCC_04S_WG032404_0001MSD 4091429-MB	J (all detects) UJ (all non-detects)	A
3/29/04	Dichlorodifluoromethane Chloromethane Bromomethane Iodomethane Methylene chloride Acrylonitrile 2-Chloroethylvinyl ether Hexachlorobutadiene 1,2,3-Trichlorobenzene	31.01185 89.81231 46.38758 46.01205 33.66478 42.84252 88.79005 50.19841 25.97582	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002* 4090792-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
3/30/04	Acrolein Acetone Iodomethane Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.01387 (≥0.05) 0.01678 (≥0.05) 0.01892 (≥0.05) 0.02995 (≥0.05) 0.03596 (≥0.05) 0.02863 (≥0.05) 0.00067 (≥0.05)	WCC_04S_WG032404_0001** WCC_04S_WG032404_0001MS WCC_04S_WG032404_0001MSD 4091429-MB	J (all detects) UJ (all non-detects)	A
3/29/04	Bromomethane Acrolein Acetone Iodomethane 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.03426 (≥0.05) 0.03464 (≥0.05) 0.01569 (≥0.05) 0.04862 (≥0.05) 0.03539 (≥0.05) 0.02536 (≥0.05) 0.00088 (≥0.05)	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002* 4090792-MB	J (all detects) R (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
CMW026_WG032404_0001 WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* EB_TAIT032404_0001 TB_TAIT032404_0001 DB_TAIT032404_0001 CMW026_WG032404_0002*	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
4089667-LCS	Dichlorodifluoromethane Chloromethane Chloroethane Bromomethane Trichlorofluoromethane 1,1,2-Trichlorotrifluoroethane 2,2-Dichloropropane 1,1,1-Trichloroethane Carbon tetrachloride	282 (40-160) 155 (60-140) 153 (60-140) 161 (60-140) 156 (70-130) 149 (60-140) 135 (70-130) 131 (70-130) 136 (70-130)	CMW026_WG032404_0001 EB_TAIT032404_0001 TB_TAIT032404_0001 DB_TAIT032404_0001 4089667-MB	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	P
4089667-LCS	Carbon disulfide	9.5 (70-130)	CMW026_WG032404_0001 EB_TAIT032404_0001 TB_TAIT032404_0001 DB_TAIT032404_0001 4089667-MB	J (all detects) UJ (all non-detects)	P
4090792-LCS	Chloromethane	178 (60-140)	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002* 4090792-MB	J (all detects)	P
4090792-LCS	Carbon disulfide Bromoform 1,2,4-Trichlorobenzene Hexachlorobutadiene 1,2,3-Trichlorobenzene	6.8 (70-130) 67 (70-130) 58 (70-130) 52 (70-130) 54 (70-130)	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002* 4090792-MB	J (all detects) UJ (all non-detects)	P
4091429-LCS	Bromomethane	272 (60-140)	WCC_04S_WG032404_0001** 4091429-MB	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 or Tier 1 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 or Tier 1 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 or Tier 1 criteria.

XV. Overall Assessment of Data

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

XVI. Field Duplicates

Samples CMW026_WG032404_0001 and CMW026_WG032404_0002* were identified as field duplicates. No volatiles were detected in any of the samples with the following exceptions:

Compound	Concentration (ug/L)		RPD
	CMW026_WG032404_0001	CMW026_WG032404_0002*	
1,1-Dichloroethene	130	72	57
1,1-Dichloroethane	6.8	4.1	50
cis-1,2-Dichloroethene	10	6.3	45
Chloroform	21	12	55
Trichloroethene	1300	810	46

XVII. Field Blanks

Sample TB_TAIT032404_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_TAIT032404_0001	Acetone	4.6

Sample EB_TAIT032404_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_TAIT032404_0001	Methyl-tert-butyl ether	1.0
	Benzene	0.58
	Toluene	2.8
	Ethylbenzene	0.29
	Xylenes, total	1.5

Sample DB_TAIT032404_0001 was identified as a rinsate. No volatile contaminants were found in this blank with the following exceptions:

Rinsate ID	Compound	Concentration (ug/L)
DB_TAIT032404_0001	Methyl-tert-butyl ether	0.97
	Benzene	0.58
	Toluene	2.8
	Ethylbenzene	0.28
	Xylenes, total	1.4

Boeing Huntington Beach
Volatiles - Data Qualification Summary - SDG E4C250209

SDG	Sample	Compound	Flag	A or P	Reason
E4C250209	WCC_04S_WG032404_0001**	Iodomethane Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E4C250209	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002*	Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects) J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E4C250209	WCC_04S_WG032404_0001**	Acrolein Acetone Iodomethane Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)
E4C250209	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002*	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) R (all non-detects)	A	Initial calibration (RRF)
E4C250209	WCC_04S_WG032404_0001**	2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E4C250209	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002*	Dichlorodifluoromethane Chloromethane Bromomethane Iodomethane Methylene chloride Acrylonitrile 2-Chloroethylvinyl ether Hexachlorobutadiene 1,2,3-Trichlorobenzene	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E4C250209	WCC_04S_WG032404_0001**	Acrolein Acetone Iodomethane Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)

SDG	Sample	Compound	Flag	A or P	Reason
E4C250209	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002*	Bromomethane Acrolein Acetone Iodomethane 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) R (all non-detects)	A	Continuing calibration (RRF)
E4C250209	CMW026_WG032404_0001 WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* EB_TAIT032404_0001 TB_TAIT032404_0001 DB_TAIT032404_0001 CMW026_WG032404_0002*	All TCL compounds	None	P	Matrix spike/Matrix spike duplicates
E4C250209	CMW026_WG032404_0001 EB_TAIT032404_0001 TB_TAIT032404_0001 DB_TAIT032404_0001	Dichlorodifluoromethane Chloromethane Chloroethane Bromomethane Trichlorofluoromethane 1,1,2-Trichlorotrifluoroethane 2,2-Dichloropropane 1,1,1-Trichloroethane Carbon tetrachloride	J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects) J (all detects)	P	Laboratory control samples (%R)
E4C250209	CMW026_WG032404_0001 EB_TAIT032404_0001 TB_TAIT032404_0001 DB_TAIT032404_0001	Carbon disulfide	J (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)
E4C250209	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002*	Chloromethane	J (all detects)	P	Laboratory control samples (%R)
E4C250209	WCC_06S_WG032404_0001* TMW_07_WG032404_0001* TMW_09_WG032404_0001 WCC_03S_WG032404_0001* CMW026_WG032404_0002*	Carbon disulfide Bromoform 1,2,4-Trichlorobenzene Hexachlorobutadiene 1,2,3-Trichlorobenzene	J (all detects) UJ (all non-detects)	P	Laboratory control samples (%R)
E4C250209	WCC_04S_WG032404_0001**	Bromomethane	J (all detects)	P	Laboratory control samples (%R)

Boeing Huntington Beach
Volatiles - Laboratory Blank Data Qualification Summary - SDG E4C250209

No Sample Data Qualified in this SDG

TAIT ENVIRONMENTAL

Client Sample ID: WCC_06S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-002 Work Order #...: GCWJ91AA Matrix.....: WG
Date Sampled...: 03/24/04 11:00 Date Received..: 03/24/04 17:45
Prep Date.....: 03/29/04 Analysis Date..: 03/29/04
Prep Batch #...: 4090792 Method.....: SW846 8260B

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	UJ	100	ug/L
Chloromethane	**38 J**	J	**200**	**ug/L**
Chloroethane	ND	U	200	ug/L
Bromomethane	ND	R	200	ug/L
Trichlorofluoromethane	ND	U	200	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	U	100	ug/L
1,1-Dichloroethene	**5100**		**100**	**ug/L**
Methylene chloride	ND	UJ	100	ug/L
Methyl tert-butyl ether	ND	U	100	ug/L
Carbon disulfide	ND	UJ	100	ug/L
Acetone	ND	R	1000	ug/L
trans-1,2-Dichloroethene	**120**		**100**	**ug/L**
1,1-Dichloroethane	**140**		**100**	**ug/L**
2,2-Dichloropropane	ND	U	100	ug/L
cis-1,2-Dichloroethene	**2600**		**100**	**ug/L**
Chloroform	ND	U	100	ug/L
Bromochloromethane	ND	U	100	ug/L
1,1,1-Trichloroethane	**36 J**	J	**100**	**ug/L**
2-Butanone	ND	R	500	ug/L
1,1-Dichloropropene	ND	U	100	ug/L
Carbon tetrachloride	ND	↓	50	ug/L
1,2-Dibromoethane	ND		100	ug/L
Benzene	**38 J**	J	**100**	**ug/L**
Trichloroethene	**360**		**100**	**ug/L**
Bromodichloromethane	ND	U	100	ug/L
4-Methyl-2-pentanone	ND	U	500	ug/L
Toluene	**4600**		**100**	**ug/L**
1,1,2-Trichloroethane	ND	U	100	ug/L
1,2-Dichloroethane	ND		50	ug/L
Tetrachloroethene	ND		100	ug/L
2-Hexanone	ND		500	ug/L
Dibromochloromethane	ND		100	ug/L
Chlorobenzene	ND		100	ug/L
1,1,1,2-Tetrachloroethane	ND		100	ug/L
Ethylbenzene	ND		100	ug/L
Vinyl chloride	ND		50	ug/L
Xylenes (total)	ND		100	ug/L
Styrene	ND	↓	100	ug/L
Bromoform	ND	UJ	100	ug/L

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4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: WCC_06S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-002 Work Order #...: GCWJ91AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND U	100	ug/L
1,1,2,2-Tetrachloroethane	ND	100	ug/L
1,2,3-Trichloropropane	ND	100	ug/L
n-Propylbenzene	ND	100	ug/L
Bromobenzene	ND	100	ug/L
1,3,5-Trimethylbenzene	ND	100	ug/L
2-Chlorotoluene	ND	100	ug/L
4-Chlorotoluene	ND	100	ug/L
tert-Butylbenzene	ND	100	ug/L
1,2,4-Trimethylbenzene	ND	100	ug/L
sec-Butylbenzene	ND	100	ug/L
p-Isopropyltoluene	ND	100	ug/L
1,3-Dichlorobenzene	ND	100	ug/L
1,4-Dichlorobenzene	ND	100	ug/L
n-Butylbenzene	ND	100	ug/L
1,2-Dichlorobenzene	ND	100	ug/L
1,2-Dibromo-3-chloro-propane	ND	200	ug/L
1,2,4-Trichloro-benzene	ND UJ	100	ug/L
Hexachlorobutadiene	ND UJ	100	ug/L
1,2,3-Trichlorobenzene	ND UJ	100	ug/L
Acrolein	ND R	2000	ug/L
Acrylonitrile	ND R	2000	ug/L
Iodomethane	ND R	200	ug/L
2-Chloroethyl vinyl ether	ND R	500	ug/L
Tetrahydrofuran	ND R	1000	ug/L
Vinyl acetate	ND ~~R~~ U	500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: **TMW_07_WG032404_0001**

GC/MS Volatiles

Lot-Sample #...: E4C250209-003 **Work Order #...:** GCWKC1AA **Matrix.....:** WG
Date Sampled...: 03/24/04 11:40 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/29/04 **Analysis Date..:** 03/29/04
Prep Batch #...: 4090792 **Method.....:** SW846 8260B

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	UJ	25	ug/L
Chloromethane	ND	UJ	50	ug/L
Chloroethane	ND	U	50	ug/L
Bromomethane	ND	R	50	ug/L
Trichlorofluoromethane	ND	U	50	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	U	25	ug/L
1,1-Dichloroethene	**360**		**25**	**ug/L**
Methylene chloride	ND	UJ	25	ug/L
Methyl tert-butyl ether	ND	U	25	ug/L
Carbon disulfide	ND	UJ	25	ug/L
Acetone	ND	R	250	ug/L
trans-1,2-Dichloroethene	ND	U	25	ug/L
1,1-Dichloroethane	ND	↓	25	ug/L
2,2-Dichloropropane	ND	↓	25	ug/L
cis-1,2-Dichloroethene	**11 J**	J	**25**	**ug/L**
Chloroform	ND	U	25	ug/L
Bromochloromethane	ND	↓	25	ug/L
1,1,1-Trichloroethane	ND	↓	25	ug/L
2-Butanone	ND	R	120	ug/L
1,1-Dichloropropene	ND	U	25	ug/L
Carbon tetrachloride	ND	↓	12	ug/L
1,2-Dibromoethane	ND	↓	25	ug/L
Benzene	ND	↓	25	ug/L
Trichloroethene	**1300**		**25**	**ug/L**
Bromodichloromethane	ND	U	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	UJ	25	ug/L

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TAIT ENVIRONMENTAL

Client Sample ID: TMW_07_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-003 Work Order #...: GCWKC1AA Matrix.....: WG

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Isopropylbenzene	ND	U	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		50	ug/L
1,2,4-Trichloro-benzene	ND	UJ	25	ug/L
Hexachlorobutadiene	ND	UJ	25	ug/L
1,2,3-Trichlorobenzene	ND	UJ	25	ug/L
Acrolein	ND	R	500	ug/L
Acrylonitrile	ND	R	500	ug/L
Iodomethane	ND	R	50	ug/L
2-Chloroethyl vinyl ether	ND	R	120	ug/L
Tetrahydrofuran	ND	R	250	ug/L
Vinyl acetate	ND	U	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

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42204

TAIT ENVIRONMENTAL

Client Sample ID: TMW_09_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-004 Work Order #...: GCWKE1AA Matrix.....: WG
Date Sampled...: 03/24/04 11:45 Date Received..: 03/24/04 17:45
Prep Date.....: 03/29/04 Analysis Date..: 03/29/04
Prep Batch #...: 4090792 Method.....: SW846 8260B

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	UJ	5.0	ug/L
Chloromethane	ND	UJ	10	ug/L
Chloroethane	ND	U	10	ug/L
Bromomethane	ND	R	10	ug/L
Trichlorofluoromethane	ND	U	10	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	U	5.0	ug/L
1,1-Dichloroethene	**6.8**		**5.0**	**ug/L**
Methylene chloride	ND	UJ	5.0	ug/L
Methyl tert-butyl ether	ND	U	5.0	ug/L
Carbon disulfide	ND	UJ	5.0	ug/L
Acetone	ND	R	50	ug/L
trans-1,2-Dichloroethene	**1.5 J**	J	**5.0**	**ug/L**
1,1-Dichloroethane	ND	U	5.0	ug/L
2,2-Dichloropropane	ND	U	5.0	ug/L
cis-1,2-Dichloroethene	**8.0**		**5.0**	**ug/L**
Chloroform	**5.9**		**5.0**	**ug/L**
Bromochloromethane	ND	U	5.0	ug/L
1,1,1-Trichloroethane	ND	U	5.0	ug/L
2-Butanone	ND	R	25	ug/L
1,1-Dichloropropene	ND	U	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	**500**		**5.0**	**ug/L**
Bromodichloromethane	ND	U	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	**3.2 J**	J	**5.0**	**ug/L**
2-Hexanone	ND	U	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	UJ	5.0	ug/L

(Continued on next page)

A 4220-1

TAIT ENVIRONMENTAL

Client Sample ID: TMW_09_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-004 Work Order #...: GCWKE1AA Matrix.....: WG

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Isopropylbenzene	ND	U	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		10	ug/L
1,2,4-Trichloro-benzene	ND	UJ	5.0	ug/L
Hexachlorobutadiene	ND	UJ	5.0	ug/L
1,2,3-Trichlorobenzene	ND	UJ	5.0	ug/L
Acrolein	ND	R	100	ug/L
Acrylonitrile	ND	R	100	ug/L
Iodomethane	ND	R	10	ug/L
2-Chloroethyl vinyl ether	ND	R	25	ug/L
Tetrahydrofuran	ND	R	50	ug/L
Vinyl acetate	ND	U	25	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 42204

TAIT ENVIRONMENTAL

Client Sample ID: WCC_04S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...:	E4C250209-005	**Work Order #...:**	GCWKF1AA	**Matrix.....:**	WG
Date Sampled...:	03/24/04 13:10	**Date Received..:**	03/24/04 17:45		
Prep Date.....:	03/31/04	**Analysis Date..:**	03/31/04		
Prep Batch #...:	4091429	**Method.....:**	SW846 8260B		

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	U	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	**500**		**10**	**ug/L**
Methylene chloride	ND	U	10	ug/L
Methyl tert-butyl ether	ND		10	ug/L
Carbon disulfide	ND		10	ug/L
Acetone	ND	UJ	100	ug/L
trans-1,2-Dichloroethene	**8.0 J**	J	**10**	**ug/L**
1,1-Dichloroethane	**2.6 J**	J	**10**	**ug/L**
2,2-Dichloropropane	ND	U	10	ug/L
cis-1,2-Dichloroethene	**21**		**10**	**ug/L**
Chloroform	ND	U	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	U	10	ug/L
Carbon tetrachloride	ND		5.0	ug/L
1,2-Dibromoethane	ND		10	ug/L
Benzene	ND		10	ug/L
Trichloroethene	**380**		**10**	**ug/L**
Bromodichloromethane	ND	U	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	ND		10	ug/L
2-Hexanone	ND		50	ug/L
Dibromochloromethane	ND		10	ug/L
Chlorobenzene	**3.4 J**	J	**10**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	U	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 42204

TAIT ENVIRONMENTAL

Client Sample ID: WCC_04S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-005 Work Order #...: GCWKF1AA Matrix.....: WG

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Isopropylbenzene	ND	U	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	U	10	ug/L
Hexachlorobutadiene	ND	U	10	ug/L
1,2,3-Trichlorobenzene	ND	U	10	ug/L
Acrolein	ND	UJ	200	ug/L
Acrylonitrile	ND	UJ	200	ug/L
Iodomethane	**13 J**	**J**	**20**	**ug/L**
2-Chloroethyl vinyl ether	ND	UJ	50	ug/L
Tetrahydrofuran	ND	UJ	100	ug/L
Vinyl acetate	ND	U	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	108	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A
42204

TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-001 **Work Order #...:** GCWJ41AA **Matrix.....:** WG
Date Sampled...: 03/24/04 10:30 **Date Received..:** 03/24/04 17:45
Prep Date.....: 03/28/04 **Analysis Date..:** 03/28/04
Prep Batch #...: 4089667 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND U	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	**130**	**25**	**ug/L**
Methylene chloride	ND U	25	ug/L
Methyl tert-butyl ether	ND U	25	ug/L
Carbon disulfide	ND U J	25	ug/L
Acetone	ND R A	250	ug/L
trans-1,2-Dichloroethene	ND U	25	ug/L
1,1-Dichloroethane	**6.8 J J**	**25**	**ug/L**
2,2-Dichloropropane	ND U	25	ug/L
cis-1,2-Dichloroethene	**10 J J**	**25**	**ug/L**
Chloroform	**21 J J**	**25**	**ug/L**
Bromochloromethane	ND U	25	ug/L
1,1,1-Trichloroethane	ND	25	ug/L
2-Butanone	ND R A	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	**1300**	**25**	**ug/L**
Bromodichloromethane	ND U	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

(Continued on next page)

A 4-22-04

TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-001 Work Order #...: GCWJ41AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND U	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	50	ug/L
1,2,4-Trichloro-benzene	ND	25	ug/L
Hexachlorobutadiene	ND	25	ug/L
1,2,3-Trichlorobenzene	ND	25	ug/L
Acrolein	ND R U	500	ug/L
Acrylonitrile	ND R	500	ug/L
Iodomethane	ND	50	ug/L
2-Chloroethyl vinyl ether	ND R	120	ug/L
Tetrahydrofuran	ND R	250	ug/L
Vinyl acetate	ND	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	105	(75 - 130)
1,2-Dichloroethane-d4	133	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A
4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: WCC_03S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-006 Work Order #...: GCWKG1AA Matrix.....: WG
Date Sampled...: 03/24/04 13:20 Date Received..: 03/24/04 17:45
Prep Date.....: 03/29/04 Analysis Date..: 03/29/04
Prep Batch #...: 4090792 Method.....: SW846 8260B

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	UJ	500	ug/L
Chloromethane	ND	UJ	1000	ug/L
Chloroethane	ND	U	1000	ug/L
Bromomethane	ND	R	1000	ug/L
Trichlorofluoromethane	ND	U	1000	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	U	500	ug/L
1,1-Dichloroethene	**10000**		**500**	**ug/L**
Methylene chloride	ND	UJ	500	ug/L
Methyl tert-butyl ether	ND	U	500	ug/L
Carbon disulfide	ND	UJ	500	ug/L
Acetone	ND	R	5000	ug/L
trans-1,2-Dichloroethene	**290 J**	J	**500**	**ug/L**
1,1-Dichloroethane	**220 J**	J	**500**	**ug/L**
2,2-Dichloropropane	ND	U	500	ug/L
cis-1,2-Dichloroethene	**2400**		**500**	**ug/L**
Chloroform	ND	U	500	ug/L
Bromochloromethane	ND	U	500	ug/L
1,1,1-Trichloroethane	**140 J**	J	**500**	**ug/L**
2-Butanone	ND	R	2500	ug/L
1,1-Dichloropropene	ND	U	500	ug/L
Carbon tetrachloride	ND		250	ug/L
1,2-Dibromoethane	ND		500	ug/L
Benzene	ND		500	ug/L
Trichloroethene	**960**		**500**	**ug/L**
Bromodichloromethane	ND	U	500	ug/L
4-Methyl-2-pentanone	ND	U	2500	ug/L
Toluene	**23000**		**500**	**ug/L**
1,1,2-Trichloroethane	ND	U	500	ug/L
1,2-Dichloroethane	ND		250	ug/L
Tetrachloroethene	ND		500	ug/L
2-Hexanone	ND		2500	ug/L
Dibromochloromethane	ND		500	ug/L
Chlorobenzene	ND		500	ug/L
1,1,1,2-Tetrachloroethane	ND		500	ug/L
Ethylbenzene	ND		500	ug/L
Vinyl chloride	ND		250	ug/L
Xylenes (total)	ND		500	ug/L
Styrene	ND		500	ug/L
Bromoform	ND	UJ	500	ug/L

(Continued on next page)

A
4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: WCC_03S_WG032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-006 Work Order #...: GCWKG1AA Matrix.....: WG

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Isopropylbenzene	ND	U	500	ug/L
1,1,2,2-Tetrachloroethane	ND		500	ug/L
1,2,3-Trichloropropane	ND		500	ug/L
n-Propylbenzene	ND		500	ug/L
Bromobenzene	ND		500	ug/L
1,3,5-Trimethylbenzene	ND		500	ug/L
2-Chlorotoluene	ND		500	ug/L
4-Chlorotoluene	ND		500	ug/L
tert-Butylbenzene	ND		500	ug/L
1,2,4-Trimethylbenzene	ND		500	ug/L
sec-Butylbenzene	ND		500	ug/L
p-Isopropyltoluene	ND		500	ug/L
1,3-Dichlorobenzene	ND		500	ug/L
1,4-Dichlorobenzene	ND		500	ug/L
n-Butylbenzene	ND		500	ug/L
1,2-Dichlorobenzene	ND		500	ug/L
1,2-Dibromo-3-chloro-propane	ND		1000	ug/L
1,2,4-Trichloro-benzene	ND	UJ	500	ug/L
Hexachlorobutadiene	ND	UJ	500	ug/L
1,2,3-Trichlorobenzene	ND	UJ	500	ug/L
Acrolein	ND	R	10000	ug/L
Acrylonitrile	ND	R	10000	ug/L
Iodomethane	ND	R	1000	ug/L
2-Chloroethyl vinyl ether	ND	R	2500	ug/L
Tetrahydrofuran	ND	R	5000	ug/L
Vinyl acetate	ND	U	2500	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A
4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-007 Work Order #...: GCWKH1AA Matrix.....: WG
Date Sampled...: 03/24/04 07:30 Date Received..: 03/24/04 17:45
Prep Date.....: 03/28/04 Analysis Date..: 03/28/04
Prep Batch #...: 4089667 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND U	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 U	1.0	ug/L
Methylene chloride	ND U	1.0	ug/L
Methyl tert-butyl ether	**1.0**	**1.0**	**ug/L**
Carbon disulfide	ND UJ	1.0	ug/L
Acetone	ND U	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	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	**0.58 J** J	**1.0**	**ug/L**
Trichloroethene	ND U	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	**2.8**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND U	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	**0.29 J** J	**1.0**	**ug/L**
Vinyl chloride	ND U	0.50	ug/L
Xylenes (total)	**1.5**	**1.0**	**ug/L**
Styrene	ND U	1.0	ug/L
Bromoform	ND U	1.0	ug/L

(Continued on next page)

A 42204

TAIT ENVIRONMENTAL

Client Sample ID: EB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-007 **Work Order #...:** GCWKH1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND U	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	2.0	ug/L
1,2,4-Trichloro-benzene	ND U	1.0	ug/L
Hexachlorobutadiene	ND U	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	123	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 42204

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-008 Work Order #...: GCWKL1AA Matrix.....: WQ
Date Sampled...: 03/24/04 Date Received..: 03/24/04 17:45
Prep Date.....: 03/28/04 Analysis Date..: 03/28/04
Prep Batch #...: 4089667 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND U	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 U	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	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)

A 4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: TB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-008 Work Order #...: GCWKL1AA Matrix.....: WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND U	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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	102	(75 - 130)
1,2-Dichloroethane-d4	122	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 42204

TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-009 Work Order #...: GCWKP1AA Matrix.....: WG
Date Sampled...: 03/24/04 07:30 Date Received..: 03/24/04 17:45
Prep Date.....: 03/28/04 Analysis Date..: 03/28/04
Prep Batch #...: 4089667 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND U	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	**0.97 J** J	**1.0**	**ug/L**
Carbon disulfide	ND UJ	1.0	ug/L
Acetone	ND U	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	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	**0.58 J** J	**1.0**	**ug/L**
Trichloroethene	ND U	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	**2.8**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND U	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	**0.28 J** J	**1.0**	**ug/L**
Vinyl chloride	ND U	0.50	ug/L
Xylenes (total)	**1.4**	**1.0**	**ug/L**
Styrene	ND U	1.0	ug/L
Bromoform	ND U	1.0	ug/L

(Continued on next page)

A
12204

TAIT ENVIRONMENTAL

Client Sample ID: DB_TAIT032404_0001

GC/MS Volatiles

Lot-Sample #...: E4C250209-009 Work Order #...: GCWKP1AA Matrix.....: WG

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	2.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
Acrolein	ND	20	ug/L
Acrylonitrile	ND	20	ug/L
Iodomethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	5.0	ug/L
Tetrahydrofuran	ND	10	ug/L
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	106	(75 - 130)
1,2-Dichloroethane-d4	122	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A
4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0002

GC/MS Volatiles

Lot-Sample #...: E4C250209-010 Work Order #...: GCWKR1AA Matrix.....: WG
Date Sampled...: 03/24/04 10:30 Date Received..: 03/24/04 17:45
Prep Date.....: 03/29/04 Analysis Date..: 03/29/04
Prep Batch #...: 4090792 Method.....: SW846 8260B

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	UJ	10	ug/L
Chloromethane	ND	UJ	20	ug/L
Chloroethane	ND	U	20	ug/L
Bromomethane	ND	R	20	ug/L
Trichlorofluoromethane	ND	U	20	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	U	10	ug/L
1,1-Dichloroethene	**72**		**10**	**ug/L**
Methylene chloride	ND	UJ	10	ug/L
Methyl tert-butyl ether	ND	U	10	ug/L
Carbon disulfide	ND	UJ	10	ug/L
Acetone	ND	R	100	ug/L
trans-1,2-Dichloroethene	ND	U	10	ug/L
1,1-Dichloroethane	**4.1 J**	J	**10**	**ug/L**
2,2-Dichloropropane	ND	U	10	ug/L
cis-1,2-Dichloroethene	**6.3 J**	J	**10**	**ug/L**
Chloroform	**12**		**10**	**ug/L**
Bromochloromethane	ND	U	10	ug/L
1,1,1-Trichloroethane	ND	U	10	ug/L
2-Butanone	ND	R	50	ug/L
1,1-Dichloropropene	ND	U	10	ug/L
Carbon tetrachloride	ND		5.0	ug/L
1,2-Dibromoethane	ND		10	ug/L
Benzene	ND		10	ug/L
Trichloroethene	**810**		**10**	**ug/L**
Bromodichloromethane	ND	U	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	ND		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	UJ	10	ug/L

(Continued on next page)

A 4/22/04

TAIT ENVIRONMENTAL

Client Sample ID: CMW026_WG032404_0002

GC/MS Volatiles

Lot-Sample #...: E4C250209-010 Work Order #...: GCWKR1AA Matrix.....: WG

PARAMETER	RESULT		REPORTING LIMIT	UNITS
Isopropylbenzene	ND	U	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		20	ug/L
1,2,4-Trichloro-benzene	ND	UJ	10	ug/L
Hexachlorobutadiene	ND	UJ	10	ug/L
1,2,3-Trichlorobenzene	ND	UJ	10	ug/L
Acrolein	ND	R	200	ug/L
Acrylonitrile	ND	R	200	ug/L
Iodomethane	ND	R	20	ug/L
2-Chloroethyl vinyl ether	ND	R	50	ug/L
Tetrahydrofuran	ND	R	100	ug/L
Vinyl acetate	ND	U	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A
4/22/04

LDC #: 11815A1

SDG #: E4C250209

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

EPA Region 1 - Tier 1/2/3

Date: 4-14-04

Page: 1 of 1

Reviewer: Z. Pam

2nd Reviewer: [signature]

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: 3-24-04
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	SW	%RSD, RRF
IV.	Continuing calibration	SW	%D ≤ 25% (< 20% for CCC), RRF
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	SW	
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.
XIV.	System performance	A	Not reviewed for Tier II validation.
XV.	Overall assessment of data	A	
XVI.	Field duplicates	SW	D = 1, 10
XVII.	Field blanks	SW	EB = 7, TB = 8, R = 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 2 review
**Indicates sample underwent a Tier 3 review
All others samples underwent a Tier 1 review

All Water

MB								
1	1 D	CMW026_WG032404_0001	11 3	WCC_04S_WG032404_0001MS	21 1	4089667-MB	31	
2	2	WCC_06S_WG032404_0001*	12 3	WCC_04S_WG032404_0001MSD	22 2	4090792-MB	32	
2	3	TMW_07_WG032404_0001*	13		23 3	4091429-MB	33	
2	4	TMW_09_WG032404_0001	14		24		34	
3	5	WCC_04S_WG032404_0001**	15		25		35	
2	6	WCC_03S_WG032404_0001*	16		26		36	
1	7	EB_TAIT032404_0001	17		27		37	
1	8	TB_TAIT032404_0001	18		28		38	
	9	DB_TAIT032404_0001	19		29		39	
2	10 D	CMW026_WG032404_0002*	20		30		40	

Note: #1, in Tier 1 review

11815A1W.wpd

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS CHECKLIST

Reviewer: Z. Pan
2nd Reviewer: [illegible]

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) $\leq$ 30% and relative response factors (RRF) $\geq$ 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) $\leq$ 25% and relative response factors (RRF) $\geq$ 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 #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS CHECKLIST

Reviewer: Z. Pan
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 #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS CHECKLIST

Reviewer: Z. Pa
2nd Reviewer: A

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.	✓			

11815A1

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. Iodomethane

MMMM. Tetrahydrofuran

NNNN. 1,1,2-Trichlorotrifluoroethane

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

COMPNDL.wnrl

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer: Z. Pan
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
1	3-30-04	0330AR4-8260BRL	LLLL	38.242		#5, 11, 12,	J/UJ/A
			MMMM	50.178		4091429-MB	
			II	74.108			
			MM	32.246			
			FFFF		0.01297		J/UJ/A
			F		0.01745		
			LLLL		0.02264		
			GGGG		0.02691		
			M		0.03545		
			MMMM		0.03220		
			II		0.00146		
2							
	3-23-04	0323BR4-8260B	MMMM	36.181		#2-4, 6, 10	J/UJ/A
		RL	II	46.218		4090792-MB	
			FFFF		0.03426		J/R/A
			F		0.01630		
			GGGG		0.03620		
			M		0.03520		
			MMMM		0.03148		
			II		0.00781		

1SB

LDC #: 1181 1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Pg 1 of 1
Reviewer: Z. Pan
2nd Reviewer: ~

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
1	3-30-04 (21:06)	RS0064	II	54.08244		#5, 11, 12, 4091429-MB	J/UJ/A
			FFFF		0.01387		
			F		0.01678		
			LLLL		0.01892		
			GGGG		0.02995		
			M		0.03596		
			MMMM		0.02863		
			II		0.00067		
2	3-29-04 (17:29)	RS0053	JJ	31.01185		#2-4, 6, 10 4090792-MB	J/UJ/A
			A	89.81231			
			B	46.38758			
			LLLL	46.01205			
			E	33.66478			
			GGGG	42.84252			
			II	88.79005			
			LLL	50.19841			
			NNN	25.97582			
			B		0.03426		J/R/A
			FFFF		0.03464		
			F		0.01569		
			LLLL		0.04862		
			M		0.03539		
			MMMM		0.02536		
			II		0.00088		

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1
Reviewer: Z-Pan
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 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.

Y (N) N/A Was a MS/MSD analyzed every 20 samples of each matrix?

Y (N) N/A Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?

#	Date	MS/MSD ID	Compound	MS %R (Limits)	MSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
				( )	( )	( )		
1	3-31-04	#11/12	H	16 (65-135)	17 (65-135)	( )	#5	No qual
				( )	( )	( )	↓	↓
			S	19 (75-135)	26 (75-135)	( )		
				( )	( )	( )		
				( )	( )	( )		
			For H, S, Sample Results > 2X Spiked Amounts					
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
2		No MS/MSD for		#1-4, 6-10 ( )	( )	( )	#1-4, 6-10	None/P
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

	Compound	QC Limits (Soil)	RPD (Soil)	QC Limits (Water)	RPD (Water)
H.	1,1-Dichloroethene	59-172%	≤ 22%	61-145%	≤ 14%
S.	Trichloroethene	62-137%	≤ 24%	71-120%	≤ 14%
V.	Benzene	66-142%	≤ 21%	76-127%	≤ 11%
CC.	Toluene	59-139%	≤ 21%	76-125%	≤ 13%
DD.	Chlorobenzene	60-133%	≤ 21%	75-130%	≤ 13%

MS' 'S

LDC #: 118 1
SDG #: E4C250209

VALIDATION FIND S WORKSHEET
Laboratory Control Samples (LCS)

Page 1 of 1
Reviewer: Z. Pan
2nd Reviewer: R

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
1	3-28-04	4089667-LCS	JJ	282 (40-160)	( )	( )	#1, 7-9, and	J/P Det.
			A	155 (60-140)	( )	( )	4089667-MB	
			D	153 ( )	( )	( )		
			B	161 ( )	( )	( )		
			KK	156 (70-130)	( )	( )		
			NNNN	149 (60-140)	( )	( )		
			G	9.5 (70-130)	( )	( )		J/UJ/P
			OO	135 ( )	( )	( )		J/P Det
			N	131 ( )	( )	( )		
			O	136 ( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
2	3-29-04	4090792-LCS	A	178 (60-140)	( )	( )	2-4, 6, 10	J/P Det
			G	6.8 (70-130)	( )	( )	4090792-MB	J/UJ/P
			X	67 ( )	( )	( )		~~J/UJ/P~~
			KKK	58 ( )	( )	( )		
			LLL	52 ( )	( )	( )		
			NNN	54 ( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
3	3-30-04	4091429-LCS	B	272 (60-140)	( )	( )	#5, 4091429-MB	J/P Det
				( )	( )	( )		
				( )	( )	( )		

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Reviewer: Z. Pan
2nd reviewer: [illegible]

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
	#1	10	
H	130	72	57
I	6.8	4.1	50
QQQ	10	6.3	45
K	21	12	55
S	1300	810	46

Compound	Concentration ( )		RPD

Compound	Concentration ( )		RPD

Compound	Concentration ( )		RPD

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Field Blanks

Page: 1 of 1
Reviewer: Z. Pan
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: #7 Field Blank / Trip Blank / Rinsate / Other EB (circle one)

Compound	Concentration Units (ug/L)
LL	1.0
V	0.58
CC	2.8
EE	0.29
GG	1.5

Sample: #8 Field Blank / Trip Blank / Rinsate / Other_____ (circle one)

Compound	Concentration Units (ug/L)
F	4.6

Sample: #9 Field Blank / Trip Blank / Rinsate / Other_____ (circle one)

Compound	Concentration Units (ug/L)
LL	0.97
V	0.58
CC	2.8
EE	0.28
GG	1.4

LDC #: 11815A1
SDG #: ~~11815~~ E4C250209

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 1
Reviewer: Z. Pan
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	0330AR4/	3-30-04	Methylene chloride (1st internal standard)	0.19304	0.19304	0.19799	0.19799	9.714	9.714
			Trichlorethene (2nd internal standard)	0.29518	0.29518	0.33266	0.33266	19.636	19.636
	8260BRL		~~Toluene~~ Ethylbenzene (3rd internal standard)	1.98380	1.98380	1.88334	1.88334	10.997	10.997
2			~~Methylene chloride (1st internal standard)~~						
			~~Trichlorethene (2nd internal standard)~~						
	1,2,3-Trichlorobenzene		~~Toluene~~ (3rd internal standard)	0.54912	0.54912	0.66266	0.66266	13.435	13.434
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.

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LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer: Z. Pan
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	~~3-30-~~	3-30-04	Methylene chloride (1st internal standard)	0.19799	0.18713	0.18713	5.48612	5.48612
	RS0064	(21:06)	Trichlorethene (2nd internal standard)	0.33266	0.28361	0.28361	14.74512	14.74512
			~~Toluene~~ Ethylbenzene (3rd internal standard)	1.88334	1.90751	1.90751	1.28331	1.28337
2			~~Methylene chloride (1st internal standard)~~					
			~~Trichlorethene (2nd internal standard)~~					
	1,2,3-Trichlorobenzene		~~Nitrobenzene~~ ~~Toluene~~ (3rd internal standard)	0.66266	0.58252	0.58252	12.09393	12.0936
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.

LDC #: 11815A1
SDG #: EAC250209

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: Z. Pan
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: #5

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8	10.0	10.3350	103	103	0
Bromofluorobenzene	↓	10.6310	106	106	↓
1,2-Dichloroethane-d4		10.8223	108	108	
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 #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Reviewer: Z - Pan
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 = I MSC - MSDC I * 2/(MSC + MSDC) MSC = Matrix spike percent recovery MSDC = Matrix spike duplicate percent recovery

MS/MSD sample: # 11/12

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	100	→	500	516	516	16	16	17	16	0.03	0
Trichloroethene	100	→	380	396	403	19	16	26	23	1.8	1.8
Benzene	100	→	0	94.2	95.0	94	94	95	95	0.92	0.8
Toluene	100	→	0	101	101	101	101	101	101	0.09	0
Chlorobenzene	100	→	3.4	~~102~~ 101	102	98	98	99	99	0.88	0.9

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.

MSDCLC.1SB

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

Page: 1 of 1
Reviewer: Z. Pan
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 = | LCS - LCSD | * 2/(LCS + LCSD) LCS = Laboraotry control sample percent recovery LCSD = Laboratory control sample duplicate percent recovery

LCS ID: 4091429-LCS

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		8.76		88	88				
Trichloroethene	↓		8.36		84	84				
Benzene			9.34		93	93				
Toluene			9.45		94	94				
Chlorobenzene	↓		9.71		97	97				

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.

C.1SB

LDC #: 11815A1
SDG #: E4C250209

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of 1
Reviewer: Z. Pan
2nd reviewer: [illegible]

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. #5 1,1-Dichloroethene

Conc. = $\frac{(82774)(10\ ppb)(25\ mL)}{(878119)(0.18882)(2.5\ mL)(\quad)}$

= 499 ug/L

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

RECALC.1SB