RUBICON
Engineering Corporation

ANNUAL GROUNDWATER MONITORING REPORT MARCH 2005

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

May 26, 2005

PREPARED FOR

Boeing Realty Corporation
4900 East Conant Street, Building 1
Long Beach, California 90808

PREPARED BY

Rubicon Engineering Corporation
16 Technology Drive, Suite 138
Irvine, California 92618

Mohsen Mehran, Ph.D.
Principal

Brad Rogers, P.E.
Senior Engineer

Project No. 1010.02

TABLE OF CONTENTS

Page

LIST OF TABLES ii

LIST OF FIGURES ii

1.0 INTRODUCTION 3

1.1 PURPOSE AND SCOPE 3
1.2 REPORT ORGANIZATION 3

2.0 GROUNDWATER MONITORING AND SAMPLING RESULTS 4

2.1 GROUNDWATER ELEVATIONS 4
2.1.1 B-Sand 4
2.1.2 C-Sand 4
2.2 GROUND WATER QUALITY 4
2.2.1 B-Sand Water Quality 4
2.2.2 C-Sand Water Quality 5
2.2.3 Monitored Natural Attenuation Parameters 5

3.0 QUALITY ASSURANCE/QUALITY CONTROL MEASURES 6

3.1 DUPLICATE SAMPLE ANALYSES 6
3.2 BLANK SAMPLE ANALYSES 6
3.2.1 Trip Blanks 6
3.2.2 Equipment Rinse Blanks 6
3.2.3 Field Blanks 7
3.2.4 Decontamination Water Blanks 7
3.3 DATA VALIDATION 7

REFERENCES 8

TABLES

FIGURES

APPENDIX A: GROUNDWATER MONITORING AND SAMPLING PROCEDURES

APPENDIX B: GROUNDWATER SAMPLING FORMS AND FIELD DATA

APPENDIX C: GROUNDWATER HYDROGRAPHS AND VOCS VERSUS TIME GRAPHS

APPENDIX D: LABORATORY REPORTS AND CHAIN OF CUSTODIES

APPENDIX E: DATA VALIDATION REPORT

LIST OF TABLES

Table No.	Title
1	2005 Groundwater Monitoring Program
2	Groundwater Monitoring Well Completion Details
3	Groundwater Elevations – March 2005
4	Historical Groundwater Elevations
5	Summary of Detected VOCs in Groundwater - March 2005
6	Historical VOC Groundwater Quality Data
7	Historical Monitored Natural Attenuation Parameters

LIST OF FIGURES

Figure No.	Title
1	Well Location Map
2	B-Sand Groundwater Elevations, March 2005
3	C-Sand Groundwater Elevations, March 2005
4	Distribution of TCE in B-Sand Groundwater, March 2005
5	Distribution of TCE in C-Sand Groundwater, March 2005

1.0 INTRODUCTION

This report documents annual groundwater monitoring performed at the Boeing Realty Corporation's (BRC)'s Former C-6 Facility (the site) located in Los Angeles, California. This report also presents additional groundwater data collected during March 2005 as part of the bioremediation post-injection monitoring in the former Building 2 area. The remainder of this section presents the purpose and scope of the annual groundwater monitoring event and the report organization.

1.1 PURPOSE AND SCOPE

The purpose of the groundwater monitoring reported herein is to evaluate the lateral and vertical distribution of VOCs in groundwater, the direction/gradient of groundwater flow, and provide BRC with the data necessary to manage any future groundwater remediation effort at the site. The groundwater monitoring program is summarized in Table 1. The annual groundwater monitoring event was performed in accordance with the *Groundwater Monitoring Work Plan 2005* (Haley & Aldrich, 2004) and included the following:

- Measured static groundwater levels in 26 wells.
- Measured field parameters {pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), electrical conductivity (EC), and temperature} in 25 monitoring wells.
- Collected groundwater samples from 25 monitoring wells and analyzed for volatile organic compounds (VOCs) using EPA Method 8260B.
- Collected quality control samples, including decontamination water, and trip, field, and equipment blanks on each day of sampling.

Also, groundwater monitoring and sampling results from 13 wells related to the bioremediation activities near the former Building 2 area are included in this report.

1.2 REPORT ORGANIZATION

Section 2.0 presents and evaluates the groundwater monitoring and sampling results. The quality assurance/quality control (QA/QC) measures are summarized in Section 3.0. Appendix A presents the groundwater monitoring and sampling procedures. Appendix B contains the groundwater sampling forms and field data. Water level hydrographs and VOCs versus time graphs are presented in Appendix C. The laboratory reports and chain of custodies are presented in Appendix D. The data validation package is included in Appendix E.

2.0 GROUNDWATER MONITORING AND SAMPLING RESULTS

This section presents an evaluation of the groundwater monitoring and sampling results for March 2005. Monitoring Wells WCC-3S, 6S, 12S and TMW-7 and TMW-8 were not accessible during the annual event because of redevelopment activities. These wells are scheduled for sampling during the semi-annual event in September 2005.

2.1 GROUNDWATER ELEVATIONS

Depth to groundwater was measured relative to the top of the well casing by Tait Environmental Management (Tait) of Santa Ana, California on March 1 through March 7, 2005. Tait's groundwater monitoring and sampling procedures and field data forms are presented in Appendix A and B, respectively. The well locations are shown on Figure 1. The reference elevations used to calculate groundwater elevations are included in Table 2. A summary of the groundwater elevations for March 2005 are presented in Table 3. To facilitate comparison between current and previous water level data, a compilation of historical water level data is presented in Table 4 and the hydrographs for the wells monitored are included in Appendix C.

2.1.1 B-Sand

The depth to groundwater ranged from 59.90 to 69.90 feet which corresponds to groundwater elevations ranging from -10.52 to -10.99 feet above mean sea level (AMSL). A groundwater contour map is presented in Figure 2. The average hydraulic gradient in the B-Sand across the site is approximately 0.00093. Groundwater flow in the B-Sand is generally to the south.

2.1.2 C-Sand

The depth to groundwater ranged from 62.72 to 67.25 feet which corresponds to groundwater elevations ranging from -11.21 to -11.65 feet AMSL. A groundwater contour map is presented in Figure 3. The average hydraulic gradient in the C-Sand across the site is approximately 0.0008. Groundwater flow in the C-Sand is generally to the south/southwest.

2.2 GROUND WATER QUALITY

The concentrations of detected VOCs from samples collected during March 2005 are summarized in Table 5. A compilation of historical water quality data is presented in Table 6 to facilitate comparison between current and previous water quality data. Concentration versus time graphs for select VOCs are presented in Appendix C. Copies of the laboratory data are included in Appendix D.

2.2.1 B-Sand Water Quality

A total of 28 wells completed in the B-Sand were sampled in March 2005. Eighteen wells were sampled between March 1 and 7, 2005 as part of the annual groundwater monitoring program and 10 wells were sampled on March 19 and 20, 2005 as part of the bioremediation post-injection monitoring.

The distribution of TCE in the B-Sand is shown in Figure 4. TCE was the most prevalent compound found in the B-Sand, both in terms of concentration and the number of wells in which TCE was detected. Specifically, TCE was detected in 25 of the 28 wells sampled in March 2005 at concentrations ranging from 3.8 to 18,000 µg/ℓ. The highest concentrations of TCE occurred in Well IRZMW003A, located within the Building 2 source area. The TCE plume presented in Figure 4 is generally consistent with previous plumes dating back to 2001 (Haley & Aldrich, 2002). As shown in Table 5, other VOCs with multiple detections include 1,1,-DCE, cis-1,2-DCE and chloroform.

2.2.2 C-Sand Water Quality

A total of 10 wells completed in the C-Sand were sampled in March 2005. Seven wells were sampled between March 1 and 7, 2005 as part of the annual groundwater monitoring program and 3 wells were sampled on March 19, 2005 as part of the bioremediation post-injection monitoring.

The distribution of TCE in the C-Sand is shown in Figure 5. TCE was the most prevalent compound found in the C-Sand, both in terms of concentration and the number of wells in which TCE was detected. Specifically, TCE was detected in 9 of the 10 wells sampled in March 2005 at concentrations ranging from 10 to 7,700 µg/ℓ. The highest concentration of TCE occurred in Well IRZCMW002, located in the southeast portion of Parcel C. TCE concentrations in the C-Sand are generally consistent with historical values (Table 6). Chlorobenzene was present in wells CMW001 and CMW002 at concentrations up to 15,000 µg/ℓ. Chlorobenzene is believed to originate at the Montrose property south of the site. As shown in Table 5, other VOCs with multiple detections include 1,1,-DCE, cis-1,2-DCE, and chloroform.

2.2.3 Monitored Natural Attenuation Parameters

Monitored natural attenuation (MNA) parameters, including pH, DO, ORP, EC, and temperature were measured during purging of the groundwater monitoring wells. Table 6 presents historical MNA parameters for wells at the site. Low dissolved oxygen concentrations and ORP measurements in the vicinity of Wells WCC-03S, TMW-2, and WCC-04S indicate the presence of anaerobic conditions in the Building 1/36 area. These conditions are conducive to reductive dechlorination processes. Elevated dissolved oxygen levels and oxidation/reduction potentials have been observed in wells located within the vicinity of the former Building 2 (Wells MWB012, TMW-04, and TMW-05) suggesting aerobic conditions exist in this area. The partially-depleted dissolved oxygen concentrations and oxidation/reduction potentials near the southern site boundary (Wells TMW-11 and XMW-09) indicate that some anaerobic activity may be occurring.

3.0 QUALITY ASSURANCE/QUALITY CONTROL MEASURES

Several QA/QC measures were implemented to provide qualitative and quantitative checks on data. Field QA/QC measures for the March 2005 monitoring event included duplicate samples from Wells MWB014 and MWC021, five trip blank samples, five equipment rinse blank samples, five decontamination water blanks, and five field blank samples. The results of these QA/QC measures are discussed below.

3.1 DUPLICATE SAMPLE ANALYSES

Duplicate samples were collected from Wells MWB014 and MWC021 to evaluate data precision, expressed in terms of percent difference. Field duplicates are samples collected in the field, from the same source, using identical sampling procedures. The relative percent difference (RPD) is calculated as follows:

$$\frac{\pm 2(D_1 - D_2)}{(D_1 + D_2)} * 100$$

where D_1 = Original analysis and
D_2 = Duplicate analysis

The primary and duplicate results from these wells (Table 5) indicate the RPD ranged from 3.2 to 5.7 percent. The low RPD between the duplicate samples indicates high precision of the laboratory analysis.

3.2 BLANK SAMPLE ANALYSES

Blank samples analyzed for VOCs as part of the overall QA/QC program included one trip, field, decontamination water, and equipment rinse blank samples per day. The results of the blank sample analyses are included in Table 5 and discussed below. The concentrations detected in all of the blank samples were below the method detection limit and are considered estimated values.

3.2.1 Trip Blanks

One trip blank sample was submitted to the laboratory each day of sampling in the same cooler as the groundwater samples to check for possible cross-contamination. One of the trip blank samples contained 4.9 µg/ℓ of acetone while another trip blank contained 0.83 µg/ℓ of methylene chloride.

3.2.2 Equipment Rinse Blanks

One equipment rinse blank was collected each day of sampling after decontaminating the sampling equipment with deionized water. One of the equipment rinse blanks contained acetone at a concentration of 3.4 µg/ℓ and another contained TCE at 0.51 µg/ℓ.

3.2.3 Field Blanks

Field blanks are samples that are filled in the field with laboratory-supplied water to check for possible contamination in the sample collection methodology. Three of the five field blank samples contained TCE at concentrations ranging from 0.44 to 0.99 µg/ℓ.

3.2.4 Decontamination Water Blanks

Two of the decontamination water blank samples contained detectable VOCs; one sample contained 3.2 µg/ℓ of acetone while another sample contained 0.55 µg/ℓ of TCE.

3.3 DATA VALIDATION

Data validation was performed by Laboratory Data Consultants (LDC) of Carlsbad, California. A copy of the data validation report is presented in Appendix E. Three samples were submitted to LDC for validation. One sample (MWB019) was subject to Tier 1 validation, one sample (CMW002) was subject to Tier 2 validation, and one sample (WCC_4S) was subject to Tier 3 validation. Based on the results of the data validation report, it appears that the data show an acceptable degree of precision and accuracy. The appropriate data qualifiers have been included in Table 5.

REFERENCES

Haley & Aldrich, November 24, 2004, *Groundwater Monitoring Work Plan 2005*, *Boeing Realty Corporation, Former C-6 Facility, Los Angeles, California*, prepared for Boeing Realty Corporation.

Haley & Aldrich, October 21, 2002, *Site-wide Groundwater Assessment Report*, *Boeing Former C-6 Facility, Los Angeles, California*, prepared for Boeing Realty Corporation.

Tables

RUBICON
Engineering Corporation

Table 1

2005 Groundwater Monitoring Program
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Name	Water-Bearing Unit	Annual Event Analytical Program March 2005			Semiannual Event Analytical Program September 2005			4th Quarterly Event Analytical Program December 2005		
		Water Level Guaging	VOCs (8260B)	DO and ORP	Water Level Guaging	VOCs (8260B)	DO and ORP	Water Level Guaging	VOCs (8260B)	DO and ORP
Existing Groundwater Monitoring Wells										
WCC-3S	B-Sand	x	x	x	x					
WCC-4S	B-Sand	x	x	x	x					
WCC-5S	B-Sand	x	x	x	x	x	x			
WCC-6S	B-Sand	x[1]	x[1]	x[1]	x					
WCC-7S	B-Sand	x	x	x	x					
WCC-9S	B-Sand	x	x	x	x	x	x			
WCC-12S	B-Sand	x	x	x	x					
DAC-P1	B-Sand	x	x	x	x					
TMW-04	B-Sand	x			x					
TMW-06	B-Sand	x	x	x	x					
TMW-07	B-Sand	x[1]	x[1]	x[1]	x					
TMW-08	B-Sand	x[1]			x					
TMW-10	B-Sand	x	x	x	x	x	x			
TMW-11	B-Sand	x	x	x	x	x	x			
TMW-14	B-Sand	x	x	x	x	x	x			
TMW-15	B-Sand	x	x	x	x	x	x			
BL-03	B-Sand	x	x	x	x					
XMW-09	B-Sand	x	x	x	x					
XMW-19	B-Sand	x	x	x	x					
MWB005	B-Sand	x	x	x	x					
MWB012	B-Sand	x	x	x	x					
MWB013	B-Sand	x	x	x	x	x	x			
MWB014	B-Sand	x	x	x	x					
MWB019	B-Sand	x	x	x	x	x	x			
CMW001	C-Sand	x	x	x	x	x	x			
CMW002	C-Sand	x	x	x	x	x	x			
MWC015	C-Sand	x	x	x	x					
MWC016	C-Sand	x	x	x	x					
MWC017	C-Sand	x	x	x	x	x	x			

Table 1

2005 Groundwater Monitoring Program
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Name	Water-Bearing Unit	Annual Event Analytical Program March 2005			Semiannual Event Analytical Program September 2005			4th Quarterly Event Analytical Program December 2005		
		Water Level Guaging	VOCs (8260B)	DO and ORP	Water Level Guaging	VOCs (8260B)	DO and ORP	Water Level Guaging	VOCs (8260B)	DO and ORP
MWC021	C-Sand	x	x	x	x	x	x			
CMW026	C-Sand	x	x	x	x					
Groundwater Monitoring Wells to be installed by September 2005										
MWB006[2]	B-Sand	NA	NA	NA	x	x	x	x	x	x
MWX007	B-Sand	NA	NA	NA	x	x	x	x	x	x
MWX009	C-Sand	NA	NA	NA	x	x	x	x	x	x
MWC011	C-Sand	NA	NA	NA	x	x	x	x	x	x
MWB020	B-Sand	NA	NA	NA	x	x	x	x	x	x
MWC022	C-Sand	NA	NA	NA	x	x	x	x	x	x
MWB027[2]	B-Sand	NA	NA	NA	x	x	x	x	x	x
MWB028[2]	B-Sand	NA	NA	NA	x	x	x	x	x	x
Quality Control Samples										
Duplicates (1 per 20 wells)			2			x (est. 1)			x (est. 1)	
Rinsate Blanks (1 per day)			5			x (est. 5)			x (est. 2)	
Field Blanks (1 per day)			5			x (est. 5)			x (est. 2)	
Decon Water (1 per day)			5			x (est. 5)			x (est. 2)	
Trip Blanks (1 per day)			5			x (est. 5)			x (est. 2)	

est. = Quality control sample number estimated based on estimated number of sampling days.
DO = Dissolved Oxygen (Field Analysis)
ORP = Oxidation Reduction Potential (Field Analysis)
VOCs = Volatile Organic Compounds
8260B = EPA Method 8260B

(1) Wells WCC-06S, TMW-07 and TMW-08 may be capped below grade for protection during redevelopment grading and construction. These wells should be re-exposed by the September 2005 semiannual event.

(2) Groundwater monitoring wells to be installed to replace TMW-01, TMW-02 and TMW-09 which were abandoned in October 2004 for Site

Table 2

Groundwater Monitoring Well Completion Details

Boeing Realty Corporation, Former C-6 Facility

Los Angeles, California

Well I.D.	Water Bearing Unit	Easting[1]	Northing[1]	Top of Casing Elevation (AMSL)[2]	Boring Total Depth (feet)	Screen Depth Interval (feet)	Depth to Top of Filter Pack (feet)	Casing Diameter (inches)	Casing Type	Slot Size (inches)	Drilled Date
WCC-3S	B-Sand	6,470,384	1,770,027	51.12	92	69-89	64	4	Sched 40 PVC	0.010	10/26/1987
WCC-4S	B-Sand	6,470,516	1,769,863	52.23	92	70.5-90.5	65	4	Sched 40 PVC	0.010	10/27/1987
WCC-5S	B-Sand	6,470,738	1,769,786	52.82	91	61-91	64	4	Sched 40 PVC	0.010	11/24/1987
WCC-6S	B-Sand	6,470,354	1,769,741	51.30	91	60-90	54	4	Sched 40 PVC	0.010	09/22/1989
WCC-7S	B-Sand	6,470,504	1,769,656	52.21	91	60-90	54	4	Sched 40 PVC	0.010	06/08/1989
WCC-9S	B-Sand	6,470,702	1,769,415	57.39	92	60-90	55	4	Sched 40 PVC	0.010	09/21/1989
WCC-12S	B-Sand	6,470,523	1,769,503	51.32	92	60-90	55	4	Sched 40 PVC	0.010	09/17/1990
DAC-P1	B-Sand	6,468,969	1,769,781	55.13	90	60-90	55	4	Sched 40 PVC	0.010	09/25/1989
TMW-4	B-Sand	6,470,265	1,769,113	51.39	84	58-78	56	2	Sched 40 PVC	0.010	06/30/1998
TMW-6	B-Sand	6,470,310	1,768,715	51.72	93	67-87	66	2	Sched 40 PVC	0.010	07/01/1998
TMW-7	B-Sand	6,470,334	1,769,489	52.52	91	65-85	63	2	Sched 40 PVC	0.010	06/29/1998
TMW-8	B-Sand	6,470,346	1,769,600	53.99	90	61-81	59	2	Sched 40 PVC	0.010	06/29/1998
TMW-10	B-Sand	6,470,740	1,768,957	49.92	85	60.5-80.5	58	2	Sched 40 PVC	0.010	01/28/1999
TMW-11	B-Sand	6,470,738	1,768,210	49.85	83	58-78	55	2	Sched 40 PVC	0.010	02/01/1999
TMW-14	B-Sand	6,469,567	1,768,206	58.91	90	65-85	63	2	Sched 40 PVC	0.010	02/03/1999
TMW-15	B-Sand	6,469,572	1,768,955	57.65	92	62-87	60	2	Sched 40 PVC	0.010	02/04/1999
BL-03	B-Sand	6,468,979	1,768,753	58.66	79	59-79	56	2	Sched 40 PVC	0.010	02/08/1999
MW0005	B-Sand	6,470,243	1,796,060	52.10	87	65-85	63	4	Sched 40 PVC	0.010	08/08/2003
MWB012	B-Sand	6,470,065	1,768,993	52.43	90.5	64.5-84.5	62	4	Sched 40 PVC	0.010	05/17/2004
MWB013	B-Sand	6,469,613	1,769,393	55.33	86.5	65-85	62	4	Sched 40 PVC	0.010	05/17/2004
MWB014	B-Sand	6,470,281	1,768,401	51.69	86.5	65-85	62	4	Sched 40 PVC	0.010	05/17/2004
MWB019	B-Sand	6,469,963	1,768,134	55.18	90.5	65-85	62	4	Sched 40 PVC	0.010	05/17/2004
XMW-09	B-Sand	6,470,423	1,767,936	53.16	-	66-81	-	4	-	-	05/09/1989
XMW-19	B-Sand	6,470,739	1,768,545	49.38	-	63-79	-	4	-	-	03/30/1990
IRZB0081	B-Sand	6,470,048	1,768,711	50.28	-	64.5-89.5	63	0.75	PVC	0.010	09/04/2003
IRZB0095	B-Sand	6,470,049	1,768,616	50.08	-	65-90	63.2	0.75	PVC	0.010	09/05/2003
IRZMW001A	B-Sand	6,469,855	1,768,985	56.77	-	65-75	63	1.5	PVC	0.010	06/26/2002
IRZMW001B	B-Sand	6,469,855	1,768,985	56.70	-	80-90	79	1.5	PVC	0.010	06/26/2002
IRZMW002A	B-Sand	6,469,851	1,768,986	56.66	-	68-78	66	1.5	PVC	0.010	06/03/2003
IRZMW002B	B-Sand	6,469,851	1,768,985	56.76	-	83-93	82	1.5	PVC	0.010	06/03/2003
IRZMW003A	B-Sand	6,469,878	1,768,982	56.73	-	61-71	60	1.5	PVC	0.010	06/02/2003

Table 2

Groundwater Monitoring Well Completion Details

Boeing Realty Corporation, Former C-6 Facility

Los Angeles, California

Well I.D.	Water Bearing Unit	Easting[1]	Northing[1]	Top of Casing Elevation (AMSL)[2]	Boring Total Depth (feet)	Screen Depth Interval (feet)	Depth to Top of Filter Pack (feet)	Casing Diameter (inches)	Casing Type	Slot Size (inches)	Drilled Date
IRZMW003B	B-Sand	6,469,878	1,768,982	56.78	-	80-90	79	1.5	PVC	0.010	06/02/2003
IRZMW004	B-Sand	6,470,062	1,768,607	53.06	-	65-90	63	4	PVC	0.010	09/04/2003
IRZMW005	B-Sand	6,470,049	1,768,705	52.77	-	65-90	63	4	PVC	0.010	09/05/2003
CMW0001	C-Sand	6,470,711	1,768,180	54.37	124	99-124	97	4	Sched 40 PVC	0.010	08/15/2003
CMW0002	C-Sand	6,470,556	1,767,936	52.81	124	99-124	97	4	Sched 40 PVC	0.010	09/05/2003
CMW026	C-Sand	6,470,290	1,768,600	51.36	117	92-117	90	4	Sched 40 PVC	0.010	08/06/2003
MWC015	C-Sand	6,470,239	1,768,805	51.51	128	100-125	126.5	4	Sched 40 PVC	0.010	05/17/2004
MWC016	C-Sand	6,469,997	1,768,713	52.61	131	102.5-127.5	101	4	Sched 40 PVC	0.010	05/17/2004
MWC017	C-Sand	6,469,979	1,768,134	55.16	128	100-125	99	4	Sched 40 PVC	0.010	05/17/2004
MWC021	C-Sand	6,470,724	1,768,929	54.53	126	97-122	95	4	Sched 40 PVC	0.010	05/17/2004
IRZCMW001	C-Sand	6,470,229	1,768,657	51.74		92-117	90	4	PVC	0.010	08/06/2003
IRZCMW002	C-Sand	6,470,428	1,768,407	55.60		96-121	94	4	PVC	0.010	05/17/2004
IRZCMW003	C-Sand	6,470,309	1,768,590	51.69		92-117	90	4	PVC	0.010	05/17/2004
Wells to be Installed in 2005[3]											
MWB006	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.010	TBD
MWB007	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.010	TBD
MWB009	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.010	TBD
MWC011	C-Sand	TBD	TBD	TBD	~120	~100-120	~98	4	Sched 40 PVC	0.010	TBD
MWB020	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.010	TBD
MWC022	C-Sand	TBD	TBD	TBD	~120	~100-120	~98	4	Sched 40 PVC	0.010	TBD
MWB027	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.010	TBD
MWB029	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.010	TBD

[1] California State Plane NAD 83, Zone 5, Feet

[2] AMSL = Above Mean Sea Level - All wells were surveyed by Tait & Associates on May 19, 2005 with the exception of wells WCC-3S, WCC-6S, TMW-07, TMW-08, IRZB0081 and IRZB0095..

[3] Groundwater monitoring wells planned to be installed by end of 2005, data are proposed values.

- = not available

TBD = to be decided

Table 3

Groundwater Elevations - March 2005
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
B-Sand Wells				
BL-03	03/04/05	58.66	69.65	-10.99
DAC-P1	03/04/05	55.13	64.94	-9.81
MW0005	03/07/05	52.10	62.91	-10.81
MWB012	03/03/05	52.43	63.40	-10.97
MWB013	03/01/05	55.33	65.59	-10.26
MWB014	03/02/05	51.69	62.99	-11.30
MWB019	03/02/05	55.18	66.72	-11.54
TMW_04	03/07/05	51.39	61.87	-10.48
TMW_06	03/02/05	51.72	62.73	-11.01
TMW_10	03/01/05	49.92	60.65	-10.73
TMW_11	03/01/05	49.85	60.78	-10.93
TMW_14	03/01/05	58.91	69.90	-10.99
TMW_15	03/02/05	57.65	67.75	-10.10
WCC_04S	03/07/05	52.23	62.13	-9.90
WCC_05S	03/01/05	52.82	61.30	-8.48
WCC_07S	03/03/05	52.21	62.98	-10.77
WCC_09S	03/02/05	57.39	67.65	-10.26
XM-09	03/03/05	53.16	64.51	-11.35
XM-19	03/03/05	49.38	59.90	-10.52
IRZB0081	03/20/05	50.28	64.29	-14.01
IRZB0095	03/20/05	50.08	64.29	-14.21
IRZMW001A	03/19/05	56.77	67.65	-10.88
IRZMW001B	03/19/05	56.70	67.59	-10.89
IRZMW002A	03/19/05	56.66	67.22	-10.56
IRZMW002B	03/19/05	56.76	67.21	-10.45
IRZMW003A	03/19/05	56.73	67.63	-10.90
IRZMW003B	03/19/05	56.78	67.67	-10.89
IRZMW004	03/20/05	53.06	64.45	-11.39
IRZMW005	03/20/05	52.77	64.12	-11.35
C-Sand Wells				
CMW001	03/03/05	54.37	66.11	-11.74
CMW002	03/04/05	52.81	64.57	-11.76
CMW026	03/07/05	51.53	62.97	-11.44
MWC015	03/07/05	51.51	62.72	-11.21
MWC016	03/04/05	52.61	64.23	-11.62
MWC017	03/02/05	55.16	67.11	-11.95
MWC021	03/01/05	54.53	65.64	-11.11
IRZCMW001	03/19/05	51.74	62.97	-11.23
IRZCMW002	03/19/05	55.60	67.25	-11.65
IRZCMW003	03/19/05	51.69	63.03	-11.34

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
BL-01	03/06/99	58.34	70.75	-12.41
	07/12/99	58.34	70.72	-12.38
	01/14/00	58.34	71.04	-12.70
	06/20/00	58.34	71.20	-12.86
	01/15/01	58.34	71.41	-13.07
	07/16/01	58.34	71.03	-12.69
BL-02	03/06/99	58.15	71.47	-13.32
	07/12/99	58.15	71.32	-13.17
	01/14/00	58.15	71.55	-13.40
	06/20/00	58.15	71.66	-13.51
	01/15/01	58.15	71.91	-13.76
BL-03	03/06/99	59.33	73.22	-13.89
	07/12/99	59.33	73.16	-13.83
	01/14/00	59.33	73.41	-14.08
	06/20/00	59.33	73.58	-14.25
	01/15/01	59.33	73.70	-14.37
	03/21/02	56.48	70.25	-13.77
	03/26/02	56.48	70.37	-13.89
	09/13/02	56.48	70.42	-13.94
	03/24/03	56.48	70.35	-13.87
	03/27/03	56.48	70.28	-13.80
	09/22/03	56.48	70.08	-13.60
	03/19/04	56.48	70.08	-13.60
	03/23/04	56.48	70.08	-13.60
	09/20/04	56.48	69.98	-13.50
	03/04/05	58.66	69.65	-10.99
CMW001	10/09/03	51.81	66.81	-15.00
	03/19/04	51.18	66.91	-15.73
	03/23/04	51.18	66.91	-15.73
	09/20/04	51.18	66.96	-15.78
	09/20/04	51.18	66.96	-15.78
	09/24/04	51.18	66.95	-15.77
	12/21/04	51.18	66.48	-15.30
	01/05/05	51.18	66.83	-15.65
	03/03/05	51.18	66.11	-14.93
	03/18/05	51.18	66.63	-15.45

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
CMW002	10/08/03	52.81	65.29	-12.48
	03/19/04	52.81	65.31	-12.50
	03/23/04	52.81	65.27	-12.46
	09/20/04	52.81	65.35	-12.54
	09/24/04	52.81	65.35	-12.54
	12/21/04	52.81	64.96	-12.15
	01/03/05	52.81	64.80	-11.99
	03/04/05	54.37	64.57	-10.20
	03/18/05	54.37	64.51	-10.14
CMW026	10/07/03	48.94	63.38	-14.44
	03/19/04	48.94	63.51	-14.57
	03/24/04	48.94	63.62	-14.68
	05/21/04	48.94	63.59	-14.65
	09/20/04	48.94	63.30	-14.36
	09/20/04	48.94	63.30	-14.36
	09/23/04	48.94	63.45	-14.51
	10/22/04	48.94	63.33	-14.39
	11/19/04	48.94	63.28	-14.34
	12/21/04	48.94	63.17	-14.23
	01/05/05	48.94	63.44	-14.50
	01/28/05	48.94	63.31	-14.37
	03/07/05	51.53	62.97	-11.44
	03/19/05	51.53	62.92	-11.39
DAC-P1	06/15/92	52.75	70.51	-17.76
	09/21/92	52.75	70.63	-17.88
	01/05/93	52.75	70.77	-18.02
	04/09/93	52.75	70.21	-17.46
	06/07/93	52.75	70.13	-17.38
	08/24/93	52.75	69.78	-17.03
	11/18/93	52.75	69.51	-16.76
	02/23/94	52.75	69.49	-16.74
	06/10/94	52.75	69.35	-16.60
	09/08/94	52.75	69.23	-16.48
	12/21/94	52.75	69.00	-16.25
	03/13/95	52.75	69.16	-16.41
	06/12/95	52.75	68.69	-15.94
	09/20/95	52.75	68.41	-15.66
	12/12/95	52.75	68.41	-15.66
	02/29/96	52.75	68.15	-15.40
	06/06/96	52.75	67.77	-15.02
	09/18/96	52.75	67.63	-14.88
	12/18/96	52.75	67.42	-14.67

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
DAC-P1	05/06/97	52.75	66.95	-14.20
	07/01/97	52.75	66.78	-14.03
	07/22/97	52.75	66.76	-14.01
	08/04/97	52.75	66.73	-13.98
	08/19/97	52.75	66.66	-13.91
	09/03/97	52.75	66.68	-13.93
	09/16/97	52.75	66.66	-13.91
	07/14/98	52.75	66.03	-13.28
	03/06/99	52.75	65.62	-12.87
	07/12/99	52.75	65.47	-12.72
	06/20/00	52.75	65.76	-13.01
	03/21/02	52.75	65.52	-12.77
	03/27/02	52.75	65.69	-12.94
	09/13/02	52.75	65.64	-12.89
	03/24/03	52.75	65.58	-12.83
	03/28/03	52.75	65.57	-12.82
	09/22/03	52.75	65.36	-12.61
	09/24/03	52.75	65.37	-12.62
	03/19/04	52.75	65.42	-12.67
	03/25/04	52.75	65.44	-12.69
	09/20/04	52.75	65.31	-12.56
	09/22/04	52.75	65.31	-12.56
	03/04/05	55.13	64.94	-9.81
IRZB0081	10/09/03	50.28	64.53	-14.25
	10/22/04	50.28	64.51	-14.23
	12/14/04	50.28	64.48	-14.20
	01/05/05	50.28	64.61	-14.33
	01/14/05	50.28	64.39	-14.11
	01/28/05	50.28	64.25	-13.97
	02/11/05	50.28	63.94	-13.66
	03/20/05	50.28	64.29	-14.01
IRZB0095	10/07/03	50.08	64.59	-14.51
	10/22/04	50.08	64.50	-14.42
	11/19/04	50.08	64.37	-14.29
	12/14/04	50.08	64.49	-14.41
	01/05/05	50.08	65.28	-15.20
	01/28/05	50.08	64.41	-14.33
	02/11/05	50.08	64.04	-13.96
	03/20/05	50.08	64.29	-14.21

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
IRZCMW001	10/08/03	49.14	63.65	-14.51
	11/18/04	49.14	63.52	-14.38
	01/04/05	49.14	63.41	-14.27
	03/19/05	51.74	62.97	-11.23
IRZCMW002	10/08/03	52.98	67.78	-14.80
	10/12/04	52.98	67.25	-14.27
	01/05/05	52.98	68.02	-15.04
	03/19/05	55.60	67.25	-11.65
IRZCMW003	10/07/03	49.12	63.58	-14.46
	10/12/04	49.12	62.98	-13.86
	01/05/05	49.12	63.62	-14.50
	01/28/05	49.12	63.41	-14.29
	03/19/05	51.69	63.03	-11.34
IRZMW001A	10/30/03	54.18	68.05	-13.87
	05/21/04	54.18	68.61	-14.43
	10/12/04	54.18	67.69	-13.51
	10/22/04	54.18	68.00	-13.82
	11/18/04	54.18	68.08	-13.90
	01/04/05	54.18	67.84	-13.66
	01/27/05	54.18	67.85	-13.67
	03/19/05	56.77	67.65	-10.88
IRZMW001B	10/30/03	54.10	67.98	-13.88
	05/21/04	54.10	68.11	-14.01
	10/12/04	54.10	67.70	-13.60
	10/22/04	54.10	68.07	-13.97
	11/18/04	54.10	68.00	-13.90
	01/04/05	54.10	67.72	-13.62
	01/27/05	54.10	67.77	-13.67
	03/19/05	56.70	67.59	-10.89
IRZMW002A	10/30/03	54.07	67.98	-13.91
	05/21/04	54.07	74.31	-20.24
	10/12/04	54.07	67.85	-13.78
	10/21/04	54.07	68.05	-13.98
	11/18/04	54.07	68.21	-14.14
	01/04/05	54.07	67.74	-13.67
	01/27/05	54.07	68.02	-13.95
	03/19/05	56.66	67.22	-10.56

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
IRZMW002B	10/30/03	54.17	68.07	-13.90
	05/21/04	54.17	68.97	-14.80
	09/20/04	54.17	67.68	-13.51
	10/12/04	54.17	67.61	-13.44
	10/21/04	54.17	67.99	-13.82
	11/18/04	54.17	68.18	-14.01
	01/04/05	54.17	67.74	-13.57
	01/27/05	54.17	67.91	-13.74
	03/19/05	56.76	67.21	-10.45
IRZMW003A	10/31/03	54.14	68.21	-14.07
	10/12/04	54.14	67.79	-13.65
	01/04/05	54.14	67.82	-13.68
	01/27/05	54.14	67.85	-13.71
	03/19/05	56.73	67.63	-10.90
IRZMW003B	10/31/03	54.20	68.24	-14.04
	10/12/04	54.20	67.82	-13.62
	01/04/05	54.20	67.84	-13.64
	01/27/05	54.20	67.89	-13.69
	03/19/05	56.78	67.67	-10.89
IRZMW004	10/07/03	50.48	64.84	-14.36
	10/12/04	50.48	64.45	-13.97
	12/14/04	50.48	64.63	-14.15
	01/05/05	50.48	64.77	-14.29
	01/14/05	50.48	64.56	-14.08
	02/11/05	50.48	64.16	-13.68
	03/20/05	53.06	64.45	-11.39
IRZMW005	10/09/03	50.19	64.44	-14.25
	05/21/04	50.19	64.52	-14.33
	10/12/04	50.19	64.14	-13.95
	10/22/04	50.19	64.36	-14.17
	11/19/04	50.19	64.31	-14.12
	12/14/04	50.19	64.29	-14.10
	01/05/05	50.19	64.42	-14.23
	01/14/05	50.19	64.15	-13.96
	01/28/05	50.19	64.08	-13.89
	02/11/05	50.19	63.85	-13.66
	03/20/05	52.77	64.12	-11.35
MW0005	03/19/04	49.57	63.50	-13.93
	03/25/04	49.57	63.50	-13.93
	09/20/04	49.57	63.46	-13.89
	09/24/04	49.57	63.44	-13.87
	03/07/05	52.10	62.91	-10.81

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MWB012	05/06/04	52.41	63.90	-11.49
	07/16/04	52.41	63.72	-11.31
	07/16/04	52.41	63.72	-11.31
	09/20/04	52.41	63.80	-11.39
	09/22/04	52.41	63.72	-11.31
	12/21/04	52.41	63.55	-11.14
	03/03/05	52.43	63.40	-10.97
MWB013	05/07/04	55.31	66.00	-10.69
	05/07/04	55.31	66.00	-10.69
	07/15/04	55.31	65.98	-10.67
	07/15/04	55.31	65.98	-10.67
	09/20/04	55.31	66.12	-10.81
	09/20/04	55.31	66.01	-10.70
	12/20/04	55.31	65.72	-10.41
	03/01/05	55.33	65.59	-10.26
MWB014	05/07/04	52.04	63.43	-11.39
	05/07/04	52.04	63.43	-11.39
	07/15/04	52.04	63.30	-11.26
	07/15/04	52.04	63.30	-11.26
	09/20/04	52.04	63.50	-11.46
	09/22/04	52.04	63.50	-11.46
	12/20/04	52.04	63.00	-10.96
	03/02/05	51.69	62.99	-11.30
MWB019	05/07/04	55.14	67.12	-11.98
	05/07/04	55.14	67.12	-11.98
	07/15/04	55.14	67.08	-11.94
	07/16/04	55.14	67.08	-11.94
	09/20/04	55.14	67.22	-12.08
	09/21/04	55.14	67.16	-12.02
	12/20/04	55.14	66.81	-11.67
	03/02/05	55.18	66.72	-11.54
MWC015	05/06/04	51.47	63.35	-11.88
	05/06/04	51.47	63.35	-11.88
	07/16/04	51.47	63.12	-11.65
	07/16/04	51.47	63.12	-11.65
	09/20/04	51.47	63.34	-11.87
	09/23/04	51.47	63.15	-11.68
	12/21/04	51.47	62.92	-11.45
	03/07/05	51.51	62.72	-11.21

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
MWC016	05/06/04	52.54	64.82	-12.28
	05/06/04	52.54	64.82	-12.28
	07/16/04	52.54	64.66	-12.12
	07/16/04	52.54	64.66	-12.12
	09/20/04	52.54	64.92	-12.38
	09/23/04	52.54	64.84	-12.30
	12/21/04	52.54	64.50	-11.96
	03/04/05	52.61	64.23	-11.62
MWC017	05/07/04	55.12	67.62	-12.50
	05/07/04	55.12	67.62	-12.50
	07/16/04	55.12	67.60	-12.48
	07/16/04	55.12	67.60	-12.48
	09/20/04	55.12	67.76	-12.64
	09/22/04	55.12	67.64	-12.52
	12/21/04	55.12	67.21	-12.09
	03/02/05	55.16	67.11	-11.95
MWC021	05/07/04	54.52	66.25	-11.73
	05/07/04	54.52	66.25	-11.73
	07/15/04	54.52	66.29	-11.77
	07/15/04	54.52	66.29	-11.77
	09/20/04	54.52	66.40	-11.88
	09/21/04	54.52	66.28	-11.76
	12/20/04	54.52	65.87	-11.35
	03/01/05	54.53	65.64	-11.11
TMW_01	07/14/98	51.24	64.65	-13.41
	09/22/98	51.24	64.80	-13.56
	10/16/98	51.24	64.61	-13.37
	03/06/99	51.24	64.76	-13.52
	07/12/99	51.24	64.48	-13.24
	06/20/00	51.24	64.89	-13.65
	01/15/01	51.24	65.00	-13.76
	07/16/01	51.24	64.55	-13.31
	03/21/02	56.51	69.57	-13.06
	09/13/02	56.46	69.97	-13.51
	09/18/02	56.46	69.98	-13.52
	03/24/03	56.46	69.84	-13.38
	03/27/03	56.46	69.59	-13.13
	09/22/03	56.46	69.56	-13.10
	09/24/03	56.46	69.75	-13.29
	03/19/04	56.46	69.72	-13.26
	03/25/04	56.46	69.72	-13.26
	09/20/04	56.46	69.70	-13.24
	09/23/04	56.46	69.59	-13.13

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
TMW_02	07/14/98	51.18	64.60	-13.42
	09/22/98	51.18	64.67	-13.49
	10/16/98	51.18	64.58	-13.40
	03/06/99	51.18	64.59	-13.41
	07/12/99	51.18	64.48	-13.30
	06/20/00	51.18	64.64	-13.46
	01/15/01	51.18	64.93	-13.75
	07/16/01	51.18	64.52	-13.34
	03/21/02	56.42	69.55	-13.13
	09/13/02	56.38	69.89	-13.51
	03/25/03	56.38	69.79	-13.41
	03/28/03	56.38	69.94	-13.56
	09/22/03	56.38	69.44	-13.06
	09/24/03	56.38	69.62	-13.24
	03/19/04	56.38	69.62	-13.24
	03/25/04	56.38	69.59	-13.21
	09/20/04	56.38	69.05	-12.67
	09/24/04	56.38	69.05	-12.67
TMW_03	07/14/98	51.07	65.24	-14.17
	09/22/98	51.07	65.25	-14.18
	10/16/98	51.07	65.13	-14.06
	03/06/99	51.07	65.21	-14.14
	07/12/99	51.07	64.98	-13.91
	06/20/00	51.07	65.19	-14.12
	01/15/01	51.07	65.41	-14.34
	07/16/01	51.07	64.93	-13.86
	03/21/02	51.36	65.06	-13.70
	09/13/02	51.36	65.25	-13.89
TMW_04	07/14/98	50.35	64.75	-14.40
	09/22/98	50.35	64.78	-14.43
	10/16/98	50.35	64.61	-14.26
	03/06/99	50.35	64.63	-14.28
	07/12/99	50.35	64.38	-14.03
	06/20/00	50.35	64.61	-14.26
	01/15/01	50.35	64.87	-14.52
	07/16/01	50.35	64.45	-14.10
	03/21/02	52.27	68.18	-15.91
	09/13/02	52.18	66.44	-14.26
	09/18/02	52.18	66.45	-14.27
	03/24/03	52.18	66.27	-14.09
	03/27/03	52.18	66.04	-13.86
	09/22/03	48.79	62.75	-13.96
	09/24/03	48.79	62.88	-14.09

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
TMW_04	03/19/04	48.79	62.76	-13.97
	03/25/04	48.79	62.76	-13.97
	09/20/04	48.79	62.71	-13.92
	09/23/04	48.79	62.71	-13.92
	03/07/05	51.39	61.87	-10.48
TMW_05	07/14/98	50.12	64.74	-14.62
	09/22/98	50.12	64.79	-14.67
	10/16/98	50.12	64.60	-14.48
	03/06/99	50.12	64.71	-14.59
	07/12/99	50.12	64.45	-14.33
	06/20/00	50.12	64.67	-14.55
	01/15/01	50.12	64.90	-14.78
	07/16/01	50.12	64.50	-14.38
	03/21/02	53.40	67.52	-14.12
	09/13/02	53.32	67.41	-14.09
	09/18/02	53.32	67.72	-14.40
	03/24/03	53.32	67.57	-14.25
	03/28/03	53.32	67.61	-14.29
TMW_06	07/14/98	50.13	64.84	-14.71
	09/22/98	50.13	64.86	-14.73
	10/16/98	50.13	64.69	-14.56
	03/06/99	50.13	64.68	-14.55
	07/12/99	50.13	64.55	-14.42
	06/20/00	50.13	64.59	-14.46
	01/15/01	50.13	64.93	-14.80
	07/16/01	50.13	64.57	-14.44
	03/21/02	56.35	70.61	-14.26
	09/13/02	56.30	70.83	-14.53
	09/18/02	56.30	70.82	-14.52
	03/24/03	56.30	70.67	-14.37
	03/26/03	56.30	70.56	-14.26
	09/22/03	49.50	63.33	-13.83
	09/24/03	49.50	63.50	-14.00
	03/19/04	49.50	63.33	-13.83
	03/23/04	49.50	63.33	-13.83
	09/20/04	49.50	63.29	-13.79
	09/22/04	49.50	63.43	-13.93
	03/02/05	51.72	62.73	-11.01

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
TMW_07	07/14/98	51.12	65.10	-13.98
	09/22/98	51.12	65.15	-14.03
	10/16/98	51.12	65.03	-13.91
	03/06/99	51.12	65.06	-13.94
	07/12/99	51.12	64.90	-13.78
	06/20/00	51.12	65.15	-14.03
	01/15/01	51.12	65.29	-14.17
	07/16/01	51.12	64.87	-13.75
	03/21/02	52.52	66.07	-13.55
	09/13/02	52.52	66.36	-13.84
	09/18/02	52.52	66.36	-13.84
	03/24/03	52.52	66.24	-13.72
	03/27/03	52.52	65.97	-13.45
	09/22/03	52.52	65.97	-13.45
	09/24/03	52.52	66.16	-13.64
	03/19/04	52.52	66.07	-13.55
	03/24/04	52.52	66.05	-13.53
	09/20/04	52.52	65.92	-13.40
	09/23/04	52.52	66.02	-13.50
TMW_08	07/14/98	51.06	64.91	-13.85
	09/22/98	51.06	64.94	-13.88
	10/16/98	51.06	64.85	-13.79
	03/06/99	51.06	64.90	-13.84
	07/12/99	51.06	64.71	-13.65
	06/20/00	51.06	64.98	-13.92
	01/15/01	51.06	65.12	-14.06
	07/16/01	51.06	64.70	-13.64
	03/21/02	51.06	67.49	-16.43
	09/13/02	53.99	67.81	-13.82
	03/24/03	53.99	67.69	-13.70
	03/28/03	53.99	67.71	-13.72
	09/22/03	53.99	67.39	-13.40
	03/19/04	53.99	68.53	-14.54
	03/25/04	53.99	66.53	-12.54
	09/20/04	53.99	67.50	-13.51

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
TMW_09	07/14/98	51.21	65.29	-14.08
	09/22/98	51.21	65.26	-14.05
	10/16/98	51.21	65.14	-13.93
	03/06/99	51.21	65.08	-13.87
	07/12/99	51.21	64.91	-13.70
	06/20/00	51.21	65.22	-14.01
	01/15/01	51.21	65.41	-14.20
	03/21/02	52.75	66.32	-13.57
	09/13/02	52.75	66.58	-13.83
	03/24/03	52.75	66.56	-13.81
	03/26/03	52.75	66.36	-13.61
	09/22/03	52.75	66.20	-13.45
	03/19/04	52.75	66.31	-13.56
	03/24/04	52.75	66.31	-13.56
	09/20/04	52.75	66.09	-13.34
TMW_10	03/06/99	47.52	61.77	-14.25
	07/12/99	47.52	60.61	-13.09
	06/20/00	47.52	61.57	-14.05
	01/15/01	47.52	61.96	-14.44
	05/10/01	47.52	61.55	-14.03
	07/16/01	47.52	61.54	-14.02
	09/13/02	47.48	61.60	-14.12
	09/16/02	47.48	61.60	-14.12
	03/24/03	47.48	61.52	-14.04
	03/26/03	47.48	61.47	-13.99
	09/22/03	47.48	61.25	-13.77
	09/23/03	47.48	61.20	-13.72
	03/19/04	47.48	61.28	-13.80
	03/22/04	47.48	61.00	-13.52
	09/20/04	47.48	61.21	-13.73
	09/21/04	47.48	61.04	-13.56
	03/01/05	49.92	60.65	-10.73
TMW_11	03/06/99	47.47	62.28	-14.81
	07/12/99	47.47	61.97	-14.50
	06/20/00	47.47	62.10	-14.63
	01/15/01	47.47	62.43	-14.96
	07/16/01	47.47	62.06	-14.59
	03/21/02	47.41	60.89	-13.48
	09/13/02	47.41	62.02	-14.61
	09/17/02	47.41	62.02	-14.61
	03/24/03	47.41	61.97	-14.56
	03/26/03	47.41	61.91	-14.50
	09/22/03	47.41	61.68	-14.27

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
TMW_11	09/23/03	47.41	61.63	-14.22
	03/19/04	47.41	61.66	-14.25
	03/23/04	47.41	61.65	-14.24
	09/20/04	47.41	61.65	-14.24
	09/21/04	47.41	61.65	-14.24
	03/01/05	49.85	60.78	-10.93
TMW_12	03/06/99	50.85	65.73	-14.88
	07/12/99	50.85	65.54	-14.69
	06/20/00	50.85	65.82	-14.97
	01/15/01	50.85	66.02	-15.17
	07/16/01	50.85	64.47	-13.62
	03/21/02	51.67	66.25	-14.58
	09/13/02	51.67	66.40	-14.73
	09/17/02	51.67	66.40	-14.73
TMW_13	03/06/99	50.91	65.68	-14.77
	07/12/99	50.91	65.51	-14.60
	06/20/00	50.91	65.82	-14.91
	05/10/01	50.91	65.72	-14.81
	07/16/01	50.91	65.57	-14.66
	03/21/02	50.89	65.49	-14.60
	09/13/02	50.89	65.49	-14.60
TMW_14	03/06/99	58.21	72.91	-14.70
	07/12/99	58.21	72.67	-14.46
	06/20/00	58.21	72.96	-14.75
	01/15/01	58.21	73.21	-15.00
	07/16/01	58.21	72.85	-14.64
	03/21/02	58.16	72.69	-14.53
	09/13/02	58.16	72.72	-14.56
	09/16/02	58.16	72.68	-14.52
	03/24/03	58.16	72.61	-14.45
	03/26/03	58.16	72.56	-14.40
	09/22/03	58.16	72.63	-14.47
	09/23/03	58.16	72.31	-14.15
	03/19/04	58.16	70.61	-12.45
	03/22/04	58.16	70.61	-12.45
	09/20/04	58.91	70.56	-11.65
	09/21/04	58.91	70.64	-11.73
	03/01/05	58.91	69.90	-10.99

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
TMW_15	03/06/99	55.26	69.30	-14.04
	07/12/99	55.26	68.90	-13.64
	06/20/00	55.26	69.30	-14.04
	01/15/01	55.26	69.52	-14.26
	07/16/01	55.26	69.18	-13.92
	03/21/02	55.23	68.88	-13.65
	09/13/02	55.23	69.03	-13.80
	09/17/02	55.23	69.41	-14.18
	03/24/03	55.23	68.90	-13.67
	03/26/03	55.23	68.91	-13.68
	09/22/03	55.23	68.65	-13.42
	09/23/03	55.23	68.63	-13.40
	03/19/04	55.23	68.68	-13.45
	03/22/04	55.23	68.68	-13.45
	09/20/04	55.23	68.58	-13.35
	09/22/04	55.23	68.58	-13.35
	03/02/05	57.65	67.75	-10.10
TMW_16	03/06/99	50.91	63.80	-12.89
	07/12/99	50.91	63.54	-12.63
	06/20/00	50.91	63.77	-12.86
	01/15/01	50.91	64.05	-13.14
	07/16/01	50.91	67.27	-16.36
	03/21/02	55.73	68.06	-12.33
	09/13/02	55.73	68.44	-12.71
	09/16/02	55.73	68.90	-13.17
WCC_01D	10/18/89	50.69	70.20	-19.51
	06/15/92	50.69	70.24	-19.55
	09/21/92	50.69	70.61	-19.92
	01/05/93	50.69	70.30	-19.61
	04/09/93	50.69	69.79	-19.10
	06/07/93	50.69	69.69	-19.00
	08/24/93	50.69	69.22	-18.53
	11/18/93	50.69	69.03	-18.34
	02/23/94	50.69	68.52	-17.83
	06/10/94	50.69	68.16	-17.47
	09/08/94	50.69	68.35	-17.66
	12/21/94	50.69	68.24	-17.55
	03/13/95	50.69	68.05	-17.36
	06/12/95	50.69	67.48	-16.79
	09/20/95	50.69	67.29	-16.60
	12/12/95	50.69	67.00	-16.31
	02/29/96	50.69	66.84	-16.15
	06/06/96	50.69	66.42	-15.73

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_01D	09/18/96	50.69	66.34	-15.65
	12/18/96	50.69	66.03	-15.34
	05/06/97	50.69	65.56	-14.87
	07/01/97	50.69	65.51	-14.82
	07/22/97	50.69	65.60	-14.91
	08/04/97	50.69	65.54	-14.85
	08/19/97	50.69	65.49	-14.80
	09/03/97	50.69	65.53	-14.84
	09/16/97	50.69	65.48	-14.79
WCC_01S	11/13/87	50.74	72.37	-21.63
	10/18/89	50.74	70.22	-19.48
	06/15/92	50.74	69.94	-19.20
	09/21/92	50.74	70.16	-19.42
	01/05/93	50.74	70.08	-19.34
	04/09/93	50.74	69.53	-18.79
	06/07/93	50.74	69.49	-18.75
	08/24/93	50.74	68.99	-18.25
	11/18/93	50.74	68.74	-18.00
	02/23/94	50.74	68.35	-17.61
	06/10/94	50.74	67.97	-17.23
	09/08/94	50.74	67.99	-17.25
	12/21/94	50.74	67.86	-17.12
	03/13/95	50.74	67.86	-17.12
	06/12/95	50.74	67.27	-16.53
	09/20/95	50.74	67.01	-16.27
	12/12/95	50.74	66.79	-16.05
	02/29/96	50.74	66.54	-15.80
	06/06/96	50.74	66.21	-15.47
	09/18/96	50.74	66.10	-15.36
	12/18/96	50.74	65.77	-15.03
	05/06/97	50.74	65.32	-14.58
	07/01/97	50.74	65.25	-14.51
	07/22/97	50.74	65.32	-14.58
	08/04/97	50.74	65.27	-14.53
	08/19/97	50.74	65.21	-14.47
	09/03/97	50.74	65.27	-14.53
	09/16/97	50.74	65.20	-14.46

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_02S	11/13/87	50.83	70.55	-19.72
	10/18/89	50.83	69.89	-19.06
	06/15/92	50.83	69.98	-19.15
	09/21/92	50.83	70.24	-19.41
	01/05/93	50.83	70.34	-19.51
	04/09/93	50.83	69.47	-18.64
	06/07/93	50.83	69.46	-18.63
	08/24/93	50.83	68.98	-18.15
	11/18/93	50.83	68.70	-17.87
	02/23/94	50.83	68.32	-17.49
	06/10/94	50.83	67.90	-17.07
	09/08/94	50.83	68.03	-17.20
	12/21/94	50.83	68.00	-17.17
	03/13/95	50.83	67.91	-17.08
	06/12/95	50.83	67.20	-16.37
	09/20/95	50.83	67.02	-16.19
	12/12/95	50.83	66.69	-15.86
	02/29/96	50.83	66.60	-15.77
	06/06/96	50.83	66.09	-15.26
	09/18/96	50.83	66.01	-15.18
	12/18/96	50.83	65.65	-14.82
	05/06/97	50.83	65.19	-14.36
WCC_03D	10/18/89	51.42	70.80	-19.38
	06/15/92	51.42	70.81	-19.39
	09/21/92	51.42	71.13	-19.71
	01/05/93	51.42	71.94	-20.52
	04/09/93	51.42	70.29	-18.87
	06/07/93	51.42	70.27	-18.85
	08/24/93	51.42	69.82	-18.40
	11/18/93	51.42	69.60	-18.18
	02/23/94	51.42	69.42	-18.00
	06/10/94	51.42	68.81	-17.39
	09/08/94	51.42	68.89	-17.47
	12/21/94	51.42	68.84	-17.42
	03/13/95	51.42	68.69	-17.27
	06/12/95	51.42	68.09	-16.67
	09/20/95	51.42	67.89	-16.47
	12/12/95	51.42	67.59	-16.17
	02/29/96	51.42	67.37	-15.95
	06/06/96	51.42	66.99	-15.57
	09/18/96	51.42	66.92	-15.50
	12/18/96	51.42	66.63	-15.21
	05/06/97	51.42	66.14	-14.72
	07/01/97	51.42	66.07	-14.65

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_03D	07/22/97	51.42	66.15	-14.73
	08/04/97	51.42	66.11	-14.69
	08/19/97	51.42	66.03	-14.61
	09/03/97	51.42	66.07	-14.65
	09/16/97	51.42	66.05	-14.63
	09/22/98	51.42	65.00	-13.58
	10/16/98	51.42	64.95	-13.53
	03/06/99	51.42	65.02	-13.60
	07/12/99	51.42	64.91	-13.49
	06/20/00	51.42	65.12	-13.70
	01/15/01	51.16	65.01	-13.85
	07/16/01	51.16	64.58	-13.42
	03/21/02	51.11	64.19	-13.08
WCC_03S	11/13/87	51.37	72.93	-21.56
	10/18/89	51.37	70.79	-19.42
	06/15/92	51.37	70.61	-19.24
	09/21/92	51.37	70.89	-19.52
	01/05/93	51.37	71.10	-19.73
	04/09/93	51.37	70.20	-18.83
	06/07/93	51.37	70.19	-18.82
	08/24/93	51.37	69.73	-18.36
	11/18/93	51.37	69.38	-18.01
	02/23/94	51.37	69.04	-17.67
	06/10/94	51.37	68.56	-17.19
	09/08/94	51.37	68.68	-17.31
	12/21/94	51.37	68.65	-17.28
	03/13/95	51.37	68.59	-17.22
	06/12/95	51.37	67.95	-16.58
	09/20/95	51.37	67.74	-16.37
	12/12/95	51.37	67.43	-16.06
	02/29/96	51.37	67.30	-15.93
	06/06/96	51.37	66.78	-15.41
	09/18/96	51.37	66.78	-15.41
	12/18/96	51.37	66.48	-15.11
	05/06/97	51.37	66.00	-14.63
	07/01/97	51.37	65.90	-14.53
	07/22/97	51.37	66.01	-14.64
	08/04/97	51.37	65.90	-14.53
	08/19/97	51.37	65.89	-14.52
	09/03/97	51.37	65.95	-14.58
	09/16/97	51.37	65.90	-14.53
	07/14/98	51.37	64.77	-13.40
	09/22/98	51.37	64.85	-13.48
	10/16/98	51.37	65.11	-13.74

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_03S	03/06/99	51.37	64.82	-13.45
	07/12/99	51.37	64.70	-13.33
	06/20/00	51.37	64.84	-13.47
	01/15/01	51.16	64.87	-13.71
	07/16/01	51.16	64.45	-13.29
	03/21/02	51.12	64.14	-13.02
	03/25/02	51.12	64.16	-13.04
	09/13/02	51.12	64.54	-13.42
	03/24/03	51.12	64.19	-13.07
	03/25/03	51.12	64.46	-13.34
	03/27/03	51.12	64.18	-13.06
	09/24/03	51.12	64.25	-13.13
	03/19/04	51.12	64.21	-13.09
	09/20/04	51.12	64.04	-12.92
WCC_04S	11/13/87	50.07	71.84	-21.77
	10/18/89	50.07	69.66	-19.59
	06/15/92	50.07	69.29	-19.22
	09/21/92	50.07	69.56	-19.49
	01/05/93	50.07	69.41	-19.34
	04/09/93	50.07	68.93	-18.86
	06/07/93	50.07	68.85	-18.78
	08/24/93	50.07	68.44	-18.37
	11/18/93	50.07	68.23	-18.16
	02/23/94	50.07	67.84	-17.77
	06/10/94	50.07	67.39	-17.32
	09/08/94	50.07	67.44	-17.37
	12/21/94	50.07	67.38	-17.31
	03/13/95	50.07	67.30	-17.23
	06/12/95	50.07	66.68	-16.61
	09/20/95	50.07	66.45	-16.38
	12/12/95	50.07	66.23	-16.16
	02/29/96	50.07	67.09	-17.02
	06/06/96	50.07	65.63	-15.56
	09/18/96	50.07	65.56	-15.49
	12/18/96	50.07	65.26	-15.19
	05/06/97	50.07	64.81	-14.74
	07/01/97	50.07	64.73	-14.66
	07/22/97	50.07	64.80	-14.73
	08/04/97	50.07	64.76	-14.69
	08/19/97	50.07	64.68	-14.61
	09/03/97	50.07	64.76	-14.69
	09/16/97	50.07	64.68	-14.61
	07/14/98	50.07	63.63	-13.56
	09/22/98	50.07	63.53	-13.46

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_04S	10/16/98	50.07	63.56	-13.49
	03/06/99	50.07	63.50	-13.43
	07/12/99	50.07	63.40	-13.33
	06/20/00	50.07	63.58	-13.51
	01/15/01	49.65	63.48	-13.83
	07/16/01	49.65	63.00	-13.35
	03/21/02	49.62	62.81	-13.19
	03/26/02	49.62	62.77	-13.15
	09/13/02	49.62	63.15	-13.53
	09/22/03	49.62	62.70	-13.08
	03/19/04	49.62	62.84	-13.22
	03/24/04	49.62	62.84	-13.22
	09/20/04	49.62	62.74	-13.12
	03/07/05	52.23	62.13	-9.90
WCC_05S	10/18/89	48.74	68.44	-19.70
	06/15/92	48.74	67.87	-19.13
	09/21/92	48.74	68.16	-19.42
	01/05/93	48.74	68.06	-19.32
	04/09/93	48.74	67.57	-18.83
	06/07/93	48.74	67.52	-18.78
	08/24/93	48.74	67.12	-18.38
	11/18/93	48.74	66.87	-18.13
	02/23/94	48.74	66.52	-17.78
	06/10/94	48.74	66.07	-17.33
	09/08/94	48.74	66.07	-17.33
	12/21/94	48.74	65.99	-17.25
	03/13/95	48.74	65.93	-17.19
	06/12/95	48.74	65.30	-16.56
	09/20/95	48.74	65.09	-16.35
	12/12/95	48.74	64.88	-16.14
	02/29/96	48.74	64.76	-16.02
	06/06/96	48.74	64.28	-15.54
	09/18/96	48.74	64.21	-15.47
	12/18/96	48.74	63.96	-15.22
	05/06/97	48.74	63.55	-14.81
	07/01/97	48.74	63.45	-14.71
	07/22/97	48.74	63.51	-14.77
	08/04/97	48.74	63.45	-14.71
	08/19/97	48.74	63.39	-14.65
	09/03/97	48.74	63.46	-14.72
	09/16/97	48.74	63.38	-14.64
	09/22/98	48.74	62.26	-13.52
	10/16/98	48.74	62.20	-13.46
	03/06/99	48.74	62.13	-13.39

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_05S	07/12/99	48.74	61.99	-13.25
	06/20/00	48.74	62.20	-13.46
	01/15/01	48.84	62.47	-13.63
	07/16/01	48.84	62.12	-13.28
	03/21/02	48.79	61.93	-13.14
	09/13/02	48.79	62.25	-13.46
	09/16/02	48.79	62.25	-13.46
	03/24/03	48.79	62.13	-13.34
	03/25/03	48.79	62.18	-13.39
	09/22/03	48.79	61.83	-13.04
	09/23/03	48.79	61.84	-13.05
	03/19/04	48.79	62.00	-13.21
	03/22/04	48.79	62.00	-13.21
	09/20/04	48.79	61.93	-13.14
	03/01/05	52.82	61.30	-8.48
WCC_06S	10/18/89	51.30	71.00	-19.70
	06/15/92	51.30	70.70	-19.40
	09/21/92	51.30	70.94	-19.64
	01/05/93	51.30	70.80	-19.50
	04/09/93	51.30	70.33	-19.03
	06/07/93	51.30	70.27	-18.97
	08/24/93	51.30	69.85	-18.55
	11/18/93	51.30	69.62	-18.32
	02/23/94	51.30	69.22	-17.92
	06/10/94	51.30	68.78	-17.48
	09/08/94	51.30	68.75	-17.45
	12/21/94	51.30	68.75	-17.45
	03/13/95	51.30	68.66	-17.36
	06/12/95	51.30	68.05	-16.75
	09/20/95	51.30	67.94	-16.64
	12/12/95	51.30	67.60	-16.30
	02/29/96	51.30	67.47	-16.17
	06/06/96	51.30	67.06	-15.76
	09/18/96	51.30	66.95	-15.65
	12/18/96	51.30	66.65	-15.35
	05/06/97	51.30	66.20	-14.90
	07/01/97	51.30	66.09	-14.79
	07/22/97	51.30	66.19	-14.89
	08/04/97	51.30	66.14	-14.84
	09/16/97	51.30	66.03	-14.73
	07/14/98	51.30	64.99	-13.69
	09/22/98	51.30	65.04	-13.74
	10/16/98	51.30	65.07	-13.77
	03/06/99	51.30	65.01	-13.71

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_06S	07/12/99	51.30	64.85	-13.55
	06/20/00	51.30	64.96	-13.66
	01/15/01	51.32	65.27	-13.95
	07/16/01	51.32	64.81	-13.49
	03/21/02	51.30	64.56	-13.26
	03/26/02	51.30	64.78	-13.48
	09/13/02	51.30	64.89	-13.59
	03/25/03	51.30	64.58	-13.28
	03/25/03	51.30	64.88	-13.58
	09/22/03	51.30	64.47	-13.17
	03/19/04	51.30	64.51	-13.21
	03/24/04	51.30	64.51	-13.21
WCC_07S	10/18/89	48.67	68.74	-20.07
	06/15/92	48.67	68.30	-19.63
	09/21/92	48.67	68.60	-19.93
	01/05/93	48.67	68.43	-19.76
	04/09/93	48.67	67.97	-19.30
	06/07/93	48.67	67.90	-19.23
	08/24/93	48.67	67.50	-18.83
	11/18/93	48.67	67.27	-18.60
	02/23/94	48.67	66.89	-18.22
	06/10/94	48.67	66.49	-17.82
	09/08/94	48.67	66.47	-17.80
	12/21/94	48.67	66.41	-17.74
	03/13/95	48.67	66.21	-17.54
	06/12/95	48.67	65.70	-17.03
	09/20/95	48.67	65.49	-16.82
	12/12/95	48.67	65.26	-16.59
	02/29/96	48.67	65.13	-16.46
	06/06/96	48.67	64.68	-16.01
	09/18/96	48.67	64.62	-15.95
	12/18/96	48.67	64.31	-15.64
	05/06/97	48.67	63.86	-15.19
	07/01/97	48.67	63.79	-15.12
	07/22/97	48.67	63.87	-15.20
	08/04/97	48.67	63.82	-15.15
	08/19/97	48.67	63.75	-15.08
	09/03/97	48.67	63.82	-15.15
	09/16/97	48.67	63.73	-15.06
	09/22/98	48.67	62.56	-13.89
	10/16/98	48.67	62.61	-13.94
	03/06/99	48.67	62.25	-13.58
	07/12/99	48.67	62.13	-13.46
	06/20/00	48.67	62.34	-13.67

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_07S	01/15/01	50.23	64.12	-13.89
	07/16/01	50.23	63.70	-13.47
	03/21/02	50.20	63.51	-13.31
	09/13/02	50.20	63.82	-13.62
	03/24/03	50.20	63.72	-13.52
	03/28/03	50.20	63.71	-13.51
	09/22/03	50.20	63.41	-13.21
	03/19/04	50.20	63.54	-13.34
	09/20/04	50.20	63.40	-13.20
	03/03/05	52.21	62.98	-10.77
WCC_08S	10/18/89	50.87	70.22	-19.35
	06/15/92	50.87	69.98	-19.11
	09/21/92	50.87	70.21	-19.34
	01/05/93	50.87	70.06	-19.19
	04/09/93	50.87	69.56	-18.69
	06/07/93	50.87	69.48	-18.61
	08/24/93	50.87	69.06	-18.19
	11/18/93	50.87	68.76	-17.89
	02/23/94	50.87	68.36	-17.49
	06/10/94	50.87	67.98	-17.11
	09/08/94	50.87	68.01	-17.14
	12/21/94	50.87	67.99	-17.12
	03/13/95	50.87	68.16	-17.29
	06/12/95	50.87	67.29	-16.42
	09/20/95	50.87	67.03	-16.16
	12/12/95	50.87	66.76	-15.89
	02/29/96	50.87	66.63	-15.76
	06/06/96	50.87	66.21	-15.34
	09/18/96	50.87	66.14	-15.27
	12/18/96	50.87	65.86	-14.99
	05/06/97	50.87	65.43	-14.56
	07/01/97	50.87	65.31	-14.44
	07/22/97	50.87	65.37	-14.50
	08/04/97	50.87	65.33	-14.46
	08/19/97	50.87	65.26	-14.39
	09/03/97	50.87	65.33	-14.46
	09/16/97	50.87	65.26	-14.39

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_09S	10/18/89	46.32	66.39	-20.07
	06/15/92	46.32	65.76	-19.44
	09/21/92	46.32	65.98	-19.66
	01/05/93	46.32	65.88	-19.56
	04/09/93	46.32	65.41	-19.09
	06/07/93	46.32	65.41	-19.09
	08/24/93	46.32	65.01	-18.69
	11/18/93	46.32	64.74	-18.42
	02/23/94	46.32	64.41	-18.09
	06/10/94	46.32	64.95	-18.63
	09/08/94	46.32	65.40	-19.08
	12/21/94	46.32	63.83	-17.51
	03/13/95	46.32	63.73	-17.41
	06/12/95	46.32	63.11	-16.79
	09/20/95	46.32	62.96	-16.64
	12/12/95	46.32	62.71	-16.39
	02/29/96	46.32	62.81	-16.49
	06/06/96	46.32	62.18	-15.86
	09/18/96	46.32	62.08	-15.76
	12/18/96	46.32	61.79	-15.47
	05/06/97	46.32	61.42	-15.10
	07/01/97	46.32	61.32	-15.00
	07/22/97	46.32	61.39	-15.07
	08/04/97	46.32	61.32	-15.00
	08/19/97	46.32	61.28	-14.96
	09/03/97	46.32	61.33	-15.01
	09/16/97	46.32	61.25	-14.93
	09/22/98	46.32	60.24	-13.92
	10/16/98	46.32	60.14	-13.82
	03/06/99	46.32	60.17	-13.85
	07/12/99	46.32	59.87	-13.55
	06/20/00	46.32	60.02	-13.70
	01/15/01	46.93	60.90	-13.97
	07/16/01	46.93	60.54	-13.61
	03/21/02	46.85	60.33	-13.48
	03/22/02	46.85	60.35	-13.50
	09/13/02	46.85	60.90	-14.05
	03/25/03	46.85	60.51	-13.66
	03/26/03	46.85	60.41	-13.56
	09/22/03	46.85	60.18	-13.33
	03/19/04	46.85	68.33	-21.48
	03/23/04	46.85	68.33	-21.48
	09/20/04	46.85	68.24	-21.39
	03/02/05	57.39	67.65	-10.26

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_10S	10/18/89	51.29	69.71	-18.42
	06/15/92	51.29	70.23	-18.94
	09/21/92	51.29	70.62	-19.33
	01/05/93	51.29	70.39	-19.10
	04/09/93	51.29	69.71	-18.42
	06/07/93	51.29	69.62	-18.33
	08/24/93	51.29	69.12	-17.83
	11/18/93	51.29	68.83	-17.54
	02/23/94	51.29	68.36	-17.07
	06/10/94	51.29	67.96	-16.67
	09/08/94	51.29	68.32	-17.03
	12/21/94	51.29	68.26	-16.97
	03/13/95	51.29	67.85	-16.56
	06/12/95	51.29	67.34	-16.05
	09/20/95	51.29	67.18	-15.89
	12/12/95	51.29	66.83	-15.54
	02/29/96	51.29	66.51	-15.22
	06/06/96	51.29	66.06	-14.77
	09/18/96	51.29	65.97	-14.68
	05/06/97	51.29	65.07	-13.78
	07/01/97	51.29	65.03	-13.74
	07/22/97	51.29	65.05	-13.76
	08/04/97	51.29	65.02	-13.73
	08/19/97	51.29	64.98	-13.69
	09/03/97	51.29	65.01	-13.72
	09/16/97	51.29	64.99	-13.70
	07/14/98	51.29	63.82	-12.53
	03/06/99	51.29	63.96	-12.67
	07/12/99	51.29	63.92	-12.63
	06/20/00	51.29	64.42	-13.13
	01/15/01	58.17	71.37	-13.20
WCC_11S	06/15/92	50.29	67.91	-17.62
	09/21/92	50.29	69.10	-18.81
	01/05/93	50.29	68.98	-18.69
	04/09/93	50.29	68.42	-18.13
	06/07/93	50.29	68.33	-18.04
	08/24/93	50.29	67.89	-17.60
	11/18/93	50.29	67.65	-17.36
	02/23/94	50.29	67.25	-16.96
	06/10/94	50.29	66.74	-16.45
	09/08/94	50.29	66.87	-16.58
	12/21/94	50.29	66.92	-16.63
	03/13/95	50.29	66.77	-16.48
	06/12/95	50.29	66.12	-15.83

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_11S	09/20/95	50.29	65.88	-15.59
	12/12/95	50.29	65.64	-15.35
	02/29/96	50.29	65.48	-15.19
	06/06/96	50.29	65.00	-14.71
	09/18/96	50.29	64.93	-14.64
	12/18/96	50.29	64.63	-14.34
	05/06/97	50.29	64.17	-13.88
	07/01/97	50.29	64.05	-13.76
	07/22/97	50.29	64.13	-13.84
	08/04/97	50.29	64.03	-13.74
	08/19/97	50.29	64.03	-13.74
	09/03/97	50.29	64.10	-13.81
	09/16/97	50.29	64.04	-13.75
	09/22/98	50.29	62.97	-12.68
	10/16/98	50.29	62.97	-12.68
	03/06/99	50.29	62.93	-12.64
	07/12/99	50.29	62.82	-12.53
	06/20/00	50.29	63.17	-12.88
	01/15/01	51.37	64.32	-12.95
	07/16/01	51.37	64.00	-12.63
	03/21/02	51.34	63.68	-12.34
	03/22/02	51.34	63.83	-12.49
	09/13/02	51.34	64.20	-12.86
WCC_12S	06/15/92	47.31	66.91	-19.60
	09/21/92	47.31	67.21	-19.90
	01/05/93	47.31	67.05	-19.74
	04/09/93	47.31	66.57	-19.26
	06/07/93	47.31	66.51	-19.20
	08/24/93	47.31	66.09	-18.78
	11/18/93	47.31	65.89	-18.58
	02/23/94	47.31	65.44	-18.13
	06/10/94	47.31	65.05	-17.74
	09/08/94	47.31	65.10	-17.79
	12/21/94	47.31	64.98	-17.67
	03/13/95	47.31	64.94	-17.63
	06/12/95	47.31	64.31	-17.00
	09/20/95	47.31	64.10	-16.79
	12/12/95	47.31	63.85	-16.54
	02/29/96	47.31	63.71	-16.40
	06/06/96	47.31	63.27	-15.96
	09/18/96	47.31	63.19	-15.88
	12/18/96	47.31	62.87	-15.56
	05/06/97	47.31	62.46	-15.15
	07/01/97	47.31	62.38	-15.07

Table 4

Historical Groundwater Elevations
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Date Measured	Reference Elevation (feet AMSL)	Depth to Water (feet)	Groundwater Elevation (feet AMSL)
WCC_12S	07/22/97	47.31	62.44	-15.13
	08/04/97	47.31	62.40	-15.09
	08/19/97	47.31	62.34	-15.03
	09/03/97	47.31	62.41	-15.10
	09/16/97	47.31	62.33	-15.02
	07/14/98	47.31	61.27	-13.96
	09/22/98	47.31	61.37	-14.06
	10/16/98	47.31	61.28	-13.97
	03/06/99	47.31	61.20	-13.89
	07/12/99	47.31	60.88	-13.57
	06/20/00	47.31	61.16	-13.85
	01/15/01	46.93	60.95	-14.02
	07/16/01	46.93	60.64	-13.71
	03/21/02	46.92	60.44	-13.52
	03/25/02	46.92	60.52	-13.60
	09/13/02	46.92	60.70	-13.78
	09/24/03	46.92	60.42	-13.50

Summary of Detected VOCs in Groundwater - March 2005
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	Acetone	Benzene	Bromodichloromethane	Carbon tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Iodomethane	Methyl ethyl ketone	Methyl tert-butyl ether	Methylene chloride	Tetrachloroethene	Tetrahydrofuran	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane
B-Sand Wells																								
BL-03	Primary Sample	03/04/2005	10 U	10 U	**4.9** J	5 U	100 U	10 U	10 U	5 U	10 U	10 U	**5** J	10 U	20 U	50 U	10 U	10 U	**16**	100 U	10 U	10 U	**660**	20 U
DAC-P1	Primary Sample	03/04/2005	250 U	250 U	250 U	120 U	2500 U	250 U	250 U	120 U	250 U	250 U	250 U	250 U	500 U	1200 U	250 U	250 U	250 U	2500 U	250 U	250 U	**9,500**	500 U
IRZB0081[1]	Primary Sample	03/20/2005	50 U	50 U	**31** J	50 U	**690**	50 U	50 U	50 U	50 U	50 U	**2,600**	100 U		**1,600**	50 U	50 U	50 U		50 U	50 U	**2,300**	100 U
IRZB0095[1]	Primary Sample	03/20/2005	25 U	25 U	**25**	25 U	250 U	25 U	25 U	25 U	25 U	**13** J	**1,700**	50 U		**77** J	25 U	25 U	25 U		25 U	25 U	**430**	50 U
IRZMW001A[1]	Primary Sample	03/19/2005	250 U	250 U	**81** J	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	**120** J	500 U		1200 U	250 U	250 U	250 U		250 U	250 U	**9,800**	500 U
IRZMW001B[1]	Primary Sample	03/19/2005	50 U	50 U	**25** J	50 U	500 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U		250 U	50 U	50 U	50 U		50 U	50 U	**2,100**	100 U
IRZMW002A[1]	Primary Sample	03/19/2005	250 U	250 U	**81** J	250 U	2500 U	250 U	250 U	250 U	250 U	250 U	**1,300**	500 U		1200 U	250 U	250 U	250 U		250 U	250 U	**9,600**	500 U
IRZMW002B[1]	Primary Sample	03/19/2005	5 U	5 U	**3.5** J	5 U	50 U	5 U	5 U	5 U	**2.2** J	5 U	**18**	10 U		25 U	**3.9** J	5 U	5 U		5 U	5 U	**300**	10 U
IRZMW003A[1]	Primary Sample	03/19/2005	500 U	500 U	500 U	500 U	5000 U	500 U	500 U	500 U	500 U	500 U	500 U	1000 U		2500 U	500 U	500 U	500 U		500 U	500 U	**18,000**	1000 U
IRZMW003B[1]	Primary Sample	03/19/2005	12 U	12 U	**16**	12 U	120 U	12 U	12 U	12 U	12 U	12 U	12 U	25 U		62 U	12 U	12 U	12 U		12 U	12 U	**670**	25 U
IRZMW004[1]	Primary Sample	03/20/2005	120 U	120 U	**73** J	120 U	1200 U	120 U	120 U	120 U	120 U	**46** J	**48** J	250 U		620 U	120 U	120 U	120 U		120 U	120 U	**6,600**	250 U
IRZMW005[1]	Primary Sample	03/20/2005	120 U	120 U	**41** J	120 U	1200 U	120 U	120 U	120 U	120 U	120 U	**7,100**	250 U		620 U	120 U	120 U	120 U		120 U	120 U	**170**	250 U
MW0005	Primary Sample	03/07/2005	**27** J	**58** J	**4,300**	**29** J	620 U	62 U	62 U	31 U	62 U	62 U	**220**	62 U	120 U	310 U	62 U	62 U	62 U	620 U	62 U	**82**	**3,100**	120 U
MWB012	Primary Sample	03/03/2005	10 U	10 U	**4.1** J	5 U	100 U	10 U	10 U	5 U	10 U	10 U	**23**	10 U	20 U	50 U	10 U	10 U	10 U	100 U	10 U	10 U	**530**	20 U
MWB013	Primary Sample	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	**0.43** J	0.5 U	1 U	**0.51** J	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**6.6**	2 U
MWB014	Primary Sample	03/02/2005	10 U	10 U	**22**	5 U	100 U	10 U	10 U	5 U	10 U	**640**	10 U	10 U	20 U	50 U	10 U	10 U	10 U	100 U	10 U	10 U	**310**	20 U
	Field Duplicate	03/02/2005	10 U	10 U	**23**	5 U	100 U	10 U	10 U	5 U	10 U	**620**	10 U	10 U	20 U	50 U	10 U	10 U	10 U	**30** J	10 U	10 U	**320**	20 U
MWB019	Primary Sample	03/02/2005	50 U	50 U	50 U	25 U	500 U	50 U	50 U	25 U	50 U	**2,400**	50 U	50 U	100 U	250 U	50 U	50 U	**160**	500 U	50 U	50 U	**110**	100 U
TMW_06	Primary Sample	03/02/2005	5 U	5 U	**14**	2.5 U	50 U	5 U	5 U	2.5 U	5 U	**46**	**2.1** J	5 U	10 U	25 U	5 U	5 U	5 U	50 U	5 U	5 U	**150**	10 U
TMW_10	Primary Sample	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	**3.3**	1 U	**3.9**	2 U	5 U	1 U	1 U	**1.2**	10 U	1 U	1 U	**6.6**	**2**
TMW_11	Primary Sample	03/01/2005	5 U	5 U	5 U	2.5 U	50 U	5 U	5 U	2.5 U	**1.9** J	**230**	5 U	5 U	10 U	25 U	5 U	5 U	**3.2** J	50 U	5 U	5 U	**3.8** J	10 U
TMW_14	Primary Sample	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	**1.5**	**0.39** J	**2.6**	**0.48** J	1 U	2 U	5 U	1 U	1 U	**2.5**	10 U	1 U	1 U	**8.1**	2 U
TMW_15	Primary Sample	03/02/2005	1 U	1 U	**1.2**	0.5 U	10 U	1 U	1 U	0.5 U	**0.56** J	**3.4**	**1.7**	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**14**	2 U
WCC_04S	Primary Sample	03/07/2005	25 U	25 U	**1,800**	12 U	250 U	25 U	25 U	12 U	25 U	25 U	**47**	25 U	50 U	120 U	25 U	25 U	25 U	250 U	25 U	**12** J	**770**	50 U
WCC_05S	Primary Sample	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	**0.58** J	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
WCC_07S	Primary Sample	03/03/2005	**1.6** J	5 U	**190**	2.5 U	50 U	5 U	5 U	2.5 U	5 U	5 U	5 U	5 U	10 U	25 U	5 U	5 U	5 U	50 U	5 U	5 U	**120**	10 U
WCC_09S	Primary Sample	03/02/2005	1 U	**1.1**	**3**	0.5 U	10 U	1 U	1 U	0.5 U	1 U	**10**	**3.3**	**1.4**	**1** J	5 U	1 U	1 U	**0.38** J	10 U	1 U	1 U	**41**	**0.7** J
XMW_19	Primary Sample	03/03/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	**1.6**	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	**6.8**	1 U	1 U	2 U
XMW-09	Primary Sample	03/03/2005	12 U	12 U	12 U	6.2 U	120 U	**4** J	12 U	6.2 U	**150**	**820**	12 U	12 U	25 U	62 U	12 U	12 U	**66**	120 U	**4.5** J	12 U	**28**	25 U
C-Sand Wells																								
CMW001	Primary Sample	03/03/2005	250 U	250 U	250 U	120 U	2500 U	250 U	250 U	120 U	**9,800**	250 U	250 U	250 U	500 U	1200 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	500 U
	Primary Sample	03/18/2005	400 U	400 U	400 U	400 U	4000 U	400 U	400 U	400 U	**15,000**	400 U	400 U	800 U		2000 U	400 U	400 U	400 U		400 U	400 U	400 U	800 U
CMW002	Primary Sample	03/04/2005	200 U	200 U	200 U	100 U	**900** J	200 U	200 U	100 U	**9,700**	200 U	200 U	200 U	**240** J	1000 U	200 U	200 U	200 U	2000 U	200 U	200 U	**690** J	400 U
	Primary Sample	03/18/2005	100 U	100 U	100 U	100 U	1000 U	**38** J	100 U	100 U	**6,300**	100 U	100 U	200 U		500 U	100 U	100 U	100 U		100 U	100 U	**390**	200 U
CMW026	Primary Sample	03/07/2005	10 U	**4.5** J	**140**	5 U	100 U	10 U	10 U	5 U	10 U	**5.4** J	**410**	10 U	20 U	50 U	10 U	10 U	10 U	100 U	10 U	**4.3** J	**420**	20 U
	Primary Sample	03/19/2005	1 U	1 U	**11**	1 U	**19**	1 U	1 U	1 U	1 U	1 U	**40**	2 U		5 U	1 U	1 U	1 U		1 U	**0.47** J	3.8	2 U
MWC015	Primary Sample	03/07/2005	25 U	25 U	**7.6** J	12 U	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	50 U	120 U	25 U	25 U	25 U	250 U	25 U	25 U	**1,700**	50 U
MWC016	Primary Sample	03/04/2005	25 U	25 U	**15** J	12 U	250 U	25 U	25 U	12 U	25 U	**10** J	25 U	25 U	50 U	120 U	25 U	25 U	25 U	250 U	25 U	25 U	**1,500**	50 U
MWC017	Primary Sample	03/02/2005	10 U	10 U	**97**	5 U	100 U	10 U	10 U	5 U	10 U	**76**	**12**	10 U	20 U	50 U	10 U	10 U	10 U	100 U	10 U	10 U	**850**	20 U
MWC021	Primary Sample	03/01/2005	1 U	**0.4** J	**0.68** J	0.5 U	10 U	1 U	1 U	0.5 U	1 U	**0.33** J	**3.4**	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**10**	2 U
	Field Duplicate	03/01/2005	1 U	**0.41** J	**0.72** J	0.5 U	10 U	1 U	1 U	0.5 U	1 U	**0.34** J	**3.4**	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**10**	2 U
IRZCMW001[1]	Primary Sample	03/19/2005	**8.6** J	**15** J	**420**	**11** J	250 U	25 U	25 U	25 U	25 U	**55**	**24** J	50 U		120 U	25 U	25 U	25 U		25 U	**12** J	**1,600**	50 U
IRZCMW002[1]	Primary Sample	03/19/2005	120 U	120 U	**38** J	120 U	1200 U	120 U	120 U	120 U	120 U	120 U	120 U	250 U		620 U	120 U	120 U	120 U		120 U	120 U	**7,700**	250 U
IRZCMW003[1]	Primary Sample	03/19/2005	120 U	120 U	**69** J	120 U	1200 U	120 U	120 U	120 U	120 U	120 U	**350**	250 U		620 U	120 U	120 U	120 U		120 U	120 U	**5,700**	250 U
Quality Control Samples																								
TripBlank	Field Trip/Travel Blank[1]	03/18/2005	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U		5 U	1 U	1 U	1 U		1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/02/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/03/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/04/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	**0.83** J	1 U	10 U	1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/07/2005	1 U	1 U	1 U	0.5 U	**4.9** J	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
Decon Water	Decon Water	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Lab QC Sample	03/02/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**0.55** J	2 U
	Decon Water	03/03/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Decon Water	03/04/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Decon Water	03/07/2005	1 U	1 U	1 U	0.5 U	**3.2** J	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
EquipmentBlank	Field Equipment Blank	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Equipment Blank	03/02/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**0.51** J	2 U
	Field Equipment Blank	03/03/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Equipment Blank	03/04/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Equipment Blank	03/07/2005	1 U	1 U	1 U	0.5 U	**3.4** J	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
FieldBlank	Field Trip/Travel Blank	03/01/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/02/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**0.99** J	2 U
	Field Trip/Travel Blank	03/03/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**0.49** J	2 U
	Field Trip/Travel Blank	03/04/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U
	Field Trip/Travel Blank	03/07/2005	1 U	1 U	1 U	0.5 U	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	2 U	5 U	1 U	1 U	1 U	10 U	1 U	1 U	**0.44** J	2 U

Notes:
[1] Not part of Annual Groundwater Sampling Program. Wells sampled by Arcadis as part of the post-remediation monitoring.
U denotes not detected above listed detection limit

RUBICON
Engineering Corporation

BOE-C6-0011542

Table 6

Historical VOC Groundwater Quality Data

Boeing Realty Corporation, Former C-6 Facility

Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cumene	Ethylbenzene	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
BL_01	Primary Sample	01/18/2001	1 U	1 U	0.36 J		10 U	1 U	1 U	0.5 U	0.35 J	9.1	1 U	1 U	5 U	0.57 J	1 U	7.3	1 U	2.3	2 U	1 U
	Field Duplicate	07/17/2001	1 U	1 U	0.35 J	1 U	10 U	0.81 J	1 U	0.5 U	1 U	12	0.32 J	1 U	5 U	6	1 U	6.9	1 U	1	2 U	1 U
	Primary Sample	07/17/2001	1 U	1 U	1 U	1 U	10 U	0.77 J	1 U	0.5 U	1 U	11	0.31 J	1 U	5 U	4.8	1 U	6.4	1 U	0.99 J	2 U	1 U
	Primary Sample	01/14/2002	0.69 J	1 U	0.56 J		10 U	1.1	1 U	0.5 U	1 U	10	0.38 J	1 U	5 U	1 U	1 U	1.6	1 U	1.8	2 U	1 U
BL_02	Primary Sample	01/19/2001	1 U	1 U	1 U		10 U	1 U	1 U	0.5 U	1.3	1 U	1 U	1 U	5 U	1	1 U	1 U	1 U	4	0.72 J	1 U
	Primary Sample	05/02/2001	12 U	12 U	12 U		120 U	12 U	12 U	6.2 U	5.1 J	12 U	12 U	12 U	62 U	12 U	12 U	12 U	12 U	1100	35 U	12 U
BL_03	Primary Sample	01/18/2001	35 U	35 U	35 U		250 U	35 U	35 U	12 U	35 U	35 U	35 U	35 U	120 U	35 U	35	35 U	35 U	810	50 U	35 U
	Primary Sample	03/26/2002	12 U	12 U	12 U	12 U	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	22	12 U	12 U	840	35 U	12 U
	Primary Sample	03/27/2003	12 U	12 U	12 U	16	120 U	12 U	12 U	6.2 U	12 U	29	12 U	12 U	62 U	12 U	21	12 U	12 U	890	35 U	12 U
	Field Duplicate	03/27/2003	12 U	12 U	12 U	16	120 U	12 U	12 U	6.2 U	12 U	41	12 U	12 U	62 U	12 U	24	12 U	12 U	920	35 U	12 U
	Primary Sample	03/23/2004	12 U	12 U	12 U	8.5 J	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	12	12 U	12 U	660	35 U	12 U
CMW001	Primary Sample	10/09/2003	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	120 U	60 J	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	120 U	250 U	120 U
	Primary Sample	03/23/2004	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U
	Primary Sample	09/24/2004	170 U	170 U	170 U	170 U	1700 U	170 U	170 U	83 U	170 U	170 U	170 U	170 U	830 U	170 U	170 U	170 U	170 U	170 U	330 U	170 U
	Primary Sample	12/21/2004	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	130 J	500 U	250 U
CMW002	Primary Sample	10/08/2003	100 U	100 U	100 U	100 U	1000 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	460	200 U	100 U
	Primary Sample	03/23/2004	100 U	100 U	100 U	100 U	1000 U	33 J	100 U	50 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	540	200 U	100 U
	Primary Sample	09/24/2004	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	62 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	400	250 U	120 U
	Field Duplicate	09/24/2004	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	62 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	430	250 U	120 U
	Primary Sample	12/21/2004	100 U	100 U	100 U	100 U	1000 U	32 J	100 U	50 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	400	200 U	100 U
CMW026	Primary Sample	10/07/2003	35 U	35 U	35 U	65	250 U	35 U	35 U	35 U	21 J	35 U	35 U	35 U	120 U	35 U	35 U	35 U	35 U	1200	50 U	35 U
	Primary Sample	03/24/2004	35 U	35 U	6.8 J	130	250 U	35 U	35 U	12 U	21 J	10 J	35 U	35 U	120 U	35 U	35 U	35 U	35 U	1300	50 U	35 U
	Field Duplicate	03/24/2004	10 U	10 U	4.1 J	72	100 U	10 U	10 U	5 U	12	6.3 J	10 U	10 U	50 U	10 U	10 U	10 U	10 U	810	20 U	10 U
	Primary Sample	09/23/2004	12 U	12 U	4.8 J	80	120 U	12 U	12 U	6.2 U	8.6 J	280	12 U	12 U	62 U	12 U	12 U	12 U	4.2 J	600	35 U	12 U
	Primary Sample	11/19/2004	5 U	5 U	1.5 J	41	50 U	5 U	5 U	5 U	5 U	280	5 U	5 U	35 U	5 U	5 U	5 U	2.6 J	35	10 U	5 U
	Primary Sample	12/21/2004	8.3 U	8.3 U	4.6 J	120	83 U	8.3 U	8.3 U	4.2 U	6.2 J	360	8.3 U	8.3 U	33 J	8.3 U	8.3 U	8.3 U	4.6 J	500	17 U	8.3 U
DAC-P1	Primary Sample	10/09/1989	200 U		200 U	200 U	1000 U				200 U	200 U			1000 U			200 U	200 U	17000		
	Primary Sample	06/17/1992	5 U		5 U	5 U	30 U	5 U			10	13			10 U			5 U	5 U	21000		
	Primary Sample	06/23/1992	1 U	9	1 U	4	5 U	5	1 U	4	54	71	1 U	1 U	5 U	4	13	1 U	1	28000	1	1 U
	Field Duplicate	06/23/1992	0.5 U	9	1 U	4	5 U	5	1 U	4	51	70	1 U	1 U	5 U	4	13	1 U	2	28000	1	1 U
	Primary Sample	09/23/1992	1 U	9	4	4	5 U	5	1 U	4	54	71		1 U	5 U	4	13	5 U	1	28000	1 U	1 U
	Primary Sample	12/09/1992	500 U	500 U	500 U	500 U	3000 U	500 U	500 U	500 U	500 U	500 U		500 U	3000 U	2000	500 U	500 U	500 U	29000	500 U	500 U
	Primary Sample	03/18/1993	44	5	2 U	21	10 U	5	5 U	5 U	44	68		2 U	10 U	10 U	10	260	2	21000	5 U	2 U
	Primary Sample	06/08/1993	100 U	200 U	100 U	20 U	2000 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	2000 U	100 U	100 U	130	100 U	28000	100 U	100 U
	Primary Sample	08/25/1993	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	4000 U	400 U	200 U	300	200 U	27000	200 U	200 U
	Primary Sample	11/19/1993	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	52	81		20 U	400 U	20 U	20 U	20 U	20 U	24000	20 U	20 U
	Primary Sample	03/24/1994	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	47	89		20 U	400 U	20 U	20 U	20 U	20 U	20000	20 U	20 U
	Primary Sample	06/13/1994	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	46	92		20 U	400 U	20 U	20 U	20 U	20 U	20000	20 U	20 U
	Primary Sample	09/09/1994	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U		200 U	4000 U	200 U	200 U	200 U	200 U	18000	200 U	200 U
	Primary Sample	12/22/1994	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U		200 U	4000 U	200 U	200 U	200 U	200 U	11000	200 U	200 U
	Primary Sample	03/14/1995	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U		200 U	4000 U	200 U	200 U	200 U	200 U	21000	200 U	200 U
	Primary Sample	06/13/1995	200 U	400 U	200 U	400 U	4000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	4000 U	200 U	200 U	200 U	200 U	18000	200 U	200 U
	Primary Sample	09/07/1995	5 U	5 U	5 U	12	10 U	5 U	5 U	5 U	33	89	5 U	5 U	10 U	5 U	17	53	5 U	13000	5 U	5 U
	Primary Sample	13/16/1995	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
	Primary Sample	03/04/1996	100 U	100 U	100 U	100	200 U	100 U	100 U	100 U	100 U	100	100 U	100 U	200 U	100 U	100 U	260	100 U	15000	100 U	100 U
	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
	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
	Field Duplicate	06/07/1996	45	35 U	35 U	180	50 U	35 U	35 U	35 U	29	95	35 U	35 U	50 U	35 U	35 U	490	35 U	12000	35 U	35 U
	Primary Sample	09/19/1996	250 U	250 U	250 U	350	3500 U	250 U	1200 U	250 U	250 U	250 U		250 U	3500 U	250 U	250 U	740	250 U	15000	250 U	250 U
	Primary Sample	13/19/1996	500 U	500 U	500 U	500 U	5000 U	500 U	3500 U	500 U	500 U	500 U		500 U	5000 U	500 U	500 U	610	500 U	15000	500 U	500 U
	Primary Sample	05/09/1997	250 U	250 U	250 U	250 U	3500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	250 U	250 U	15000	250 U	250 U
	Primary Sample	07/08/1997	250 U	250 U	250 U	250 U	3500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	450	250 U	13000	250 U	250 U
	Primary Sample	07/24/1997	50 U	50 U	50 U	50 U	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	110	50 U	3200	50 U	50 U
	Primary Sample	08/06/1997	250 U	250 U	250 U	250 U	3500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	460	250 U	15000	250 U	250 U
	Primary Sample	08/22/1997	250 U	250 U	250 U	470	3500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	1300	250 U	17000	250 U	250 U
	Primary Sample	09/05/1997	250 U	250 U	250 U	270	3500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	810	250 U	15000	250 U	250 U
	Primary Sample	09/18/1997	250 U	250 U	250 U	250 U	2900	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	3500 U	250 U	250 U	540	250 U	14000	250 U	250 U
	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
	Primary Sample	07/16/1999	135 U	135 U	135 U	135 U		135 U	135 U	135 U	135 U	135 U	135 U	135 U		670	135 U	135 U	135 U	18000	135 U	250 U
	Primary Sample	06/26/2000	50 U	50 U	50 U	50 U		50 U	50 U	50 U	50 U	79	50 U	50 U			50 U	50 U	50 U	14000	50 U	100 U
	Primary Sample	01/18/2001	250 U	250 U	250 U		3500 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
	Primary Sample	03/27/2002	250 U	250 U	250 U	250 U	3500 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
	Primary Sample	09/19/2002	50 U	50 U	50 U	50 U	500 U	50 U	50 U	35 U	37 J	80	50 U	50 U	250 U	50 U	50 U	50 U	50 U	18000	100 U	50 U
	Primary Sample	02/28/2003	250 U	250 U	250 U	250 U	3500 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
	Primary Sample	09/24/2003	250 U	250 U	250 U	250 U	3500 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
	Primary Sample	03/25/2004	12 U	12 U	12 U	12 U	120 U	12 U	12 U	6.2 U	12 U	110	12 U	12 U	62 U	12 U	12 U	12 U	12 U	690	35 U	12 U
	Primary Sample	09/22/2004	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	62 U	120 U	82 J	120 U	120 U	620 U	120 U	120 U	120 U	120 U	6200	250 U	120 U
MW0005	Primary Sample	03/25/2004	50 U	29 J	52	2300	500 U	50 U	50 U	35 U	50 U	150	50 U	50 U	250 U	50 U	50 U	50 U	68	3500	100 U	50 U
	Primary Sample	09/24/2004	50 U	43 J	68	4500	500 U	50 U	50 U	35 U	18 J	240	50 U	50 U	250 U	50 U	50 U	50 U	98	3100	100 U	50 U
	Field Duplicate	09/24/2004	50 U	43 J	58	3800	500 U	50 U	50 U	35 U	16 J	200	50 U	50 U	250 U	50 U	50 U	50 U	84	2600	100 U	50 U

RUBICON
Engineering Corporation

BOE-C6-0011543

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cumene	Ethylbenzene	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
MWB012	Primary Sample	03/05/2004	25 U	25 U	25 U	7.6 J	250 U	25 U	25 U	12 U	9.5 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1000	50 U	25 U
	Field Duplicate	03/05/2004	25 U	25 U	25 U	7.6 J	250 U	25 U	25 U	12 U	7.6 J	25 U	25 U	25 U	120 U	25 U	7.6 J	25 U	25 U	1100	50 U	25 U
	Primary Sample	07/16/2004	10 U	10 U	10 U	4 J	100 U	10 U	10 U	5 U	3.7 J	10 U	10 U	10 U	50 U	10 U	5.6 J	10 U	10 U	510	20 U	10 U
	Primary Sample	09/22/2004	25 U	25 U	25 U	15 J	250 U	25 U	25 U	12 U	29	15 J	25 U	25 U	120 U	25 U	12 J	25 U	25 U	1400	50 U	25 U
	Primary Sample	12/21/2004	25 U	25 U	25 U	15 J	250 U	25 U	25 U	12 U	13 J	16 J	25 U	25 U	120 U	25 U	10 J	25 U	25 U	1500	50 U	25 U
MWB013	Primary Sample	05/07/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.59 J	1 U	1 U	0.43 J	5 U	1 U	1 U	1 U	1 U	3.4	2 U	2
	Field Duplicate	05/07/2004	1 U	1 U	1 U	0.36 J	10 U	1 U	1 U	0.5 U	0.62 J	1 U	1 U	0.33 J	5 U	1 U	1 U	1 U	1 U	3.4	2 U	1.5
	Primary Sample	07/15/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.53 J	1 U	1 U	0.23 J	5 U	1 U	1 U	1 U	1 U	2.6	2 U	1.2
	Field Duplicate	07/15/2004	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.44 J	1 U	1 U	0.41 J	5 U	1 U	1 U	1 U	1 U	1.8	2 U	2.3
	Primary Sample	09/20/2004	1 U	1 U	1 U	0.59 J	10 U	1 U	1 U	0.5 U	0.65 J	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	4.2	2 U	1 U
	Primary Sample	12/20/2004	1 U	1 U	1 U	0.47 J	10 U	1 U	1 U	0.5 U	0.54 J	1 U	1 U	1 U	5 U	0.48 J	1 U	1 U	1 U	4.3	2 U	1 U
MWB014	Primary Sample	05/07/2004	10 U	10 U	10 U	20	100 U	10 U	10 U	5 U	630	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	220	20 U	10 U
	Field Duplicate	05/07/2004	10 U	10 U	10 U	15	100 U	10 U	10 U	5 U	540	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	180	20 U	10 U
	Primary Sample	07/15/2004	10 U	10 U	10 U	19	100 U	10 U	10 U	5 U	300	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	34	20 U	10 U
	Primary Sample	09/22/2004	5 U	5 U	5 U	21	50 U	5 U	5 U	2.5 U	440	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	99	10 U	5 U
	Primary Sample	12/20/2004	8.3 U	8.3 U	8.3 U	31	83 U	8.3 U	8.3 U	4.2 U	390	8.3 U	8.3 U	8.3 U	42 U	8.3 U	8.3 U	8.3 U	8.3 U	95	17 U	8.3 U
MWB019	Primary Sample	05/07/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	2100	50 U	50 U	50 U	250 U	50 U	120	50 U	50 U	120	100 U	50 U
	Field Duplicate	05/07/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25	4100	50 U	50 U	50 U	250 U	50 U	240	29 J	50 U	230	100 U	50 U
	Primary Sample	07/15/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	2000	50 U	50 U	50 U	250 U	50 U	110	50 U	50 U	120	100 U	50 U
	Primary Sample	09/21/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	2300	50 U	50 U	50 U	250 U	50 U	150	50 U	50 U	110	100 U	50 U
	Primary Sample	12/20/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	1900	50 U	50 U	50 U	250 U	50 U	120	50 U	50 U	96	100 U	50 U
MWC015	Primary Sample	05/05/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1600	50 U	25 U
	Primary Sample	07/16/2004	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	1400	100 U	50 U
	Primary Sample	09/23/2004	33 U	33 U	33 U	33 U	330 U	33 U	33 U	17 U	33 U	15 J	33 U	33 U	170 U	33 U	33 U	33 U	33 U	1400	67 U	33 U
	Primary Sample	12/21/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1100	50 U	25 U
MWC016	Primary Sample	05/05/2004	10 U	10 U	10 U	3.3 J	100 U	10 U	10 U	5 U	6 J	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	660	20 U	10 U
	Field Duplicate	05/05/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	7.6 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	760	50 U	25 U
	Primary Sample	07/16/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	9 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	980	50 U	25 U
	Primary Sample	09/23/2004	25 U	25 U	25 U	11 J	250 U	25 U	25 U	12 U	10 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1200	50 U	25 U
	Primary Sample	12/21/2004	25 U	25 U	25 U	13 J	250 U	25 U	25 U	12 U	9.6 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1300	50 U	25 U
MWC017	Primary Sample	05/07/2004	25 U	25 U	25 U	80	250 U	25 U	25 U	12 U	68	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	910	50 U	25 U
	Field Duplicate	05/07/2004	25 U	25 U	25 U	86	250 U	25 U	25 U	12 U	68	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	990	50 U	25 U
	Primary Sample	07/16/2004	5 U	5 U	5 U	12	50 U	5 U	5 U	2.5 U	16	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	120	10 U	5 U
	Primary Sample	09/22/2004	25 U	25 U	25 U	130	250 U	25 U	25 U	12 U	80	7.9 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	910	50 U	25 U
	Field Duplicate	09/22/2004	25 U	25 U	25 U	130	250 U	25 U	25 U	12 U	67	11 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	900	50 U	25 U
	Primary Sample	12/21/2004	10 U	10 U	10 U	57	100 U	10 U	10 U	5 U	36	45	10 U	10 U	50 U	10 U	10 U	10 U	10 U	520	20 U	10 U
	Field Duplicate	12/21/2004	8.3 U	8.3 U	8.3 U	52	83 U	8.3 U	8.3 U	4.2 U	32	85	8.3 U	8.3 U	42 U	8.3 U	8.3 U	8.3 U	8.3 U	470	17 U	8.3 U
MWC021	Primary Sample	05/07/2004	1 U	1 U	0.22 J	0.84 J	10 U	1 U	1 U	0.5 U	1 U	2.3	1 U	0.54 J	5 U	1 U	1 U	1 U	1 U	6.5	2 U	2.9
	Field Duplicate	05/07/2004	1 U	1 U	0.3 J	2.6	10 U	1 U	1 U	0.5 U	1 U	2.1	1 U	0.34 J	5 U	1 U	1 U	1 U	1 U	11	2 U	1.8
	Primary Sample	07/15/2004	1 U	1 U	0.37 J	0.69 J	10 U	1 U	1 U	0.5 U	0.31 J	3.1	1 U	1 U	5 U	1 U	1 U	1 U	1 U	8.1	2 U	1 U
	Primary Sample	09/21/2004	1 U	1 U	0.37 J	0.81 J	10 U	1 U	1 U	0.5 U	0.3 J	3.2	1 U	1 U	5 U	1 U	0.34 J	1 U	1 U	9.1	2 U	1 U
	Primary Sample	12/20/2004	1 U	1 U	0.36 J	0.74 J	10 U	1 U	1 U	0.5 U	1 U	3.3	1 U	1 U	5 U	1 U	1 U	1 U	1 U	8.6	2 U	1 U
RW_11	Primary Sample	10/19/2001	25 U	25 U	25 U	160	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_01	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	U	25 U	5 U	5 U	5 U	540	22	10 U
	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
	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
	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
	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
	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	250	19	5 U
	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 U	5.3	380	26	5 U
	Primary Sample	01/29/2001	5 U	5 U	5 U	140	50 U	5 U	5 U	2.5 U	4.3 J	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5.3	380	26	5 U
	Primary Sample	07/18/2001	1 U	1 U	0.29 J	240	10 U	1 U	1 U	0.5 U	3.2	0.32 J	1 U	1 U	5 U	0.66 J	2	14	0.49 J	360	14	1 U
	Primary Sample	03/25/2002	12 U	12 U	12 U	24	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	12 U	12 U	12 U	460	18 J	12 U
	Primary Sample	09/18/2002	2 U	2 U	2 U	170	20 U	2 U	2 U	1 U	4.2	2 U	2 U	2 U	10 U	2 U	3	2 U	2 U	540	22	2 U
	Field Duplicate	09/18/2002	2 U	2 U	2 U	190	20 U	2 U	2 U	1 U	3.6	2 U	2 U	2 U	10 U	2 U	3.4	2 U	2 U	520	25	2 U
	Primary Sample	03/27/2003	25 U	25 U	25 U	100	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	860	32 J	25 U
	Primary Sample	09/24/2003	25 U	25 U	25 U	180	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1100	36 J	25 U
	Primary Sample	03/25/2004	25 U	25 U	25 U	74	250 U	25 U	25 U	12 U	25 U	8.1 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	840	28 J	25 U
	Primary Sample	09/23/2004	8.3 U	8.3 U	8.3 U	170	83 U	8.3 U	8.3 U	4.2 U	3.4 J	8.3 U	8.3 U	8.3 U	42 U	8.3 U	3.7 J	8.3 U	8.3 U	370	15 J	8.3 U
TMW_02	Primary Sample	07/15/1998	6900	250 U	250 U	36000		250 U	250 U	250 U	250	710	250 U	250 U		1250 U	250 U	250 U	630	34000	250 U	500 U
	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
	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
	Primary Sample	03/05/1999	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
	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
	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
	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
	Primary Sample	02/03/2001	960	250 U	1400	24000	2500 U	250 U	250 U	120 U	170 J	1000	250 U	250 U	18000	51 J	250 U	960	510	21000	500 U	250 U
	Primary Sample	07/18/2001	1100	53 J	1400	30000	1000 U	56 J	100 U	50 U	170	4300	100 U	100 U	75000	34 J	100 U	2800	590	20000	200 U	100 U
	Primary Sample	03/26/2002	650	250 U	1200	20000	2500 U	250 U	250 U	120 U	110 J	7800	250 U	250 U	1200 U	250 U	250 U	1700	420	11000	500 U	250 U
	Primary Sample	09/19/2002	1400	61 J	2200	27000	1000 U	66 J	100 U	50 U	240	14000	100 U	100 U	140000	38 J	100 U	5200	770	8400	200 U	100 U
	Primary Sample	02/28/2003	1300	250 U	1500	23000	2500 U	250 U	250 U	120 U	110 J	4700	250 U	250 U	1200 U	250 U	250 U	710	380	14000	500 U	250 U
	Primary Sample	09/24/2003	600	500 U	1400	24000	12000	500 U	500 U	250 U	500 U	10000	500 U	500 U	70000	500 U	500 U	2500	450 J	7900	1000 U	500 U
	Primary Sample	03/25/2004	500	500 U	1200	19000	1700 J	500 U	500 U	250 U	500 U	8400	500 U	500 U	2500 U	500 U	500 U	880	370 J	5500	1000 U	500 U
	Primary Sample	09/24/2004	200 J	620 U	1400	22000	31000	620 U	620 U	310 U	620 U	14000	620 U	620 U	170000	620 U	620 U	5900	560 J	910	1200 U	620 U

RUBICON
Engineering Consultants

BOE-C6-0011544

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		Acetone		Benzene		Carbon disulfide		Carbon tetrachloride		Chloroform		cis-1,2-Dichloroethene		Cumene		Ethylbenzene		Methyl ethyl ketone		Methylene chloride		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene		Trichloroethene		Trichlorofluoromethane		Xylenes, Total	
TMW_03	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	50	U			350	U	50	U	50	U	50	U	8100		50	U	100	U
	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
	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			350	U	50	U	50	U	50	U	9900		50	U	100	U
	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			350	U	50	U	50	U	50	U	8200		50	U	100	U
	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			350	U	50	U	50	U	50	U	7800		50	U	100	U
	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
	Primary Sample	01/29/2001	50	U	50	U	50	U	76		500	U	50	U	50	U	35	U	50	U	50	U			50	U			50	U	50	U	20	J	50	U	2200		100	U	50	U
	Primary Sample	01/29/2001	50	U	50	U	50	U	76		500	U	50	U	50	U	35	U	50	U	50	U	50	U	50	U	350	U	50	U	50	U	20	J	50	U	2200		100	U	50	U
	Primary Sample	07/19/2001	50	U	24	J	22	J	350		500	U	50	U	50	U	35	U	50	U	42	J	50	U	50	U	350	U	50	U	50	U	20	J	50	U	8800		100	U	50	U
	Primary Sample	03/26/2002	50	U	50	U	15	J	140		500	U	50	U	50	U	35	U	50	U	50	U	50	U	50	U	350	U	50	U	50	U	50	U	50	U	4000		100	U	50	U
	Primary Sample	09/19/2002	8.5	J	10		19		160		100	U	10	U	10	U	5	U	9.9	J	30		10	U	10	U	50	U	10	U	10	U	10	U	10	U	4500		20	U	10	U
TMW_04	Primary Sample	07/14/1998	35	U	43		55		1500				35	U	35	U	35	U	35	U	110		35	U	35	U			125	U	35	U	35	U	66		2200		35	U	50	U
	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
	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
	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			350	U	50	U	50	U	54		2900		50	U	100	U
	Primary Sample	07/15/1999	10		10		42		3500				10	U	10	U	10	U	30		77		10	U	10	U			75		10	U	10	U	64		3500		10	U	20	U
	Primary Sample	06/22/2000	5	U	5	U	22		890				5	U	5	U	5	U	17		39				5	U			35	U	5	U	5	U	27		1700		5	U	10	
	Primary Sample	01/29/2001	50	U	50	U	19	J	1100		500	U	50	U	50	U	35	U	14		29	J			50	U			50	U	50	U	50	U	21	J	2000		100	U	50	U
	Primary Sample	01/29/2001	50	U	50	U	20	J	1200		500	U	50	U	50	U	35	U	15	J	31	J	50	U	50	U	350	U	50	U	50	U	15	J	23	J	2000		100	U	50	U
	Primary Sample	01/29/2001	50	U	50	U	19	J	1100		500	U	50	U	50	U	35	U	14	J	29	J	50	U	50	U	350	U	50	U	50	U	50	U	21	J	2000		100	U	50	U
	Primary Sample	07/17/2001	5	U	6.1		12		850		50	U	5	U	5	U	2.5	U	12		22		5	U	5	U	35	U	1.6	J	5	U	4.9	J	15		1800		10	U	5	U
	Primary Sample	03/26/2002	35	U	35	U	18	J	720		350	U	35	U	35	U	12	U	11	J	36		35	U	35	U	120	U	35	U	35	U	35	U	21	J	1900		50	U	35	U
	Field Duplicate	03/26/2002	35	U	35	U	16	J	760		350	U	35	U	35	U	12	U	11	J	32		35	U	35	U	120	U	35	U	35	U	35	U	21	J	1900		50	U	35	U
	Primary Sample	09/18/2002	5	U	4.4	J	12		660		50	U	5	U	5	U	2.5	U	11		18		5	U	5	U	35	U	5	U	5	U	5	U	13		1700		10	U	5	U
	Primary Sample	03/27/2003	35	U	9.8	J	35		1200		350	U	35	U	35	U	12	U	10	J	44		35	U	35	U	120	U	35	U	35	U	35	U	31		2000		50	U	35	U
	Primary Sample	09/24/2003	50	U	50	U	23	J	1400		500	U	50	U	50	U	35	U	50	U	48	J	50	U	50	U	350	U	50	U	50	U	50	U	32	J	2200		100	U	50	U
	Primary Sample	03/25/2004	35	U	35	U	15	J	530		350	U	35	U	35	U	12	U	11	J	33		35	U	35	U	120	U	35	U	35	U	35	U	17	J	1500		50	U	35	U
	Primary Sample	09/23/2004	50	U	50	U	21	J	1200		500	U	50	U	50	U	35	U	50	U	48	J	50	U	50	U	350	U	50	U	50	U	50	U	26	J	1700		100	U	50	U
TMW_05	Primary Sample	07/14/1998	35	U	35	U	35	U	460				35	U	0.35		35	U	35	U	35	U	35	U	35	U			125	U	35	U	35	U	35	U	3700		35	U	50	U
	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	35	U
	Primary Sample	10/19/1998	35	U	35	U	35	U	530				35	U	35	U	35	U	28		35	U	35	U	35	U			125	U	35	U	35	U	35	U	5000		35	U	50	U
	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			350	U	50	U	50	U	50	U	50	U	50	U	100	U
	Primary Sample	07/14/1999	50	U			50	U	710				50	U					50	U	50	U											50	U	50	U	4300					
	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
	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	35	U
	Primary Sample	01/23/2001	50	U	50	U	50	U	460		500	U	50	U	50	U	35	U	15		50	U			50	U			50	U	50	U	50	U	50	U	2900		100	U	50	U
	Primary Sample	01/23/2001	50	U	50	U	50	U	460		500	U	50	U	50	U	35	U	15	J	50	U	50	U	50	U	350	U	50	U	50	U	50	U	50	U	2900		100	U	50	U
	Primary Sample	07/17/2001	10	U	13		5.8	J	630		100	U	10	U	10	U	5	U	19		7	J	10	U	10	U	50	U	10	U	10	U	20		10	U	4700		20	U	10	U
	Primary Sample	03/26/2002	50	U	50	U	50	U	350		500	U	50	U	50	U	35	U	20	J	50	U	50	U	50	U	350	U	50	U	50	U	50	U	50	U	3900		100	U	50	U
	Primary Sample	09/18/2002	35	U	35		9.5	J	640		350	U	35	U	35	U	12	U	35		32		35	U	35	U	120	U	35	U	35	U	35	U	35	U	8800		50	U	35	U
	Primary Sample	03/28/2003	100	U	100	U	100	U	610		1000	U	100	U	100	U	50	U	100	U	41	J	100	U	100	U	500	U	100	U	100	U	100	U	100	U	4300		200	U	100	U
TMW_06	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
	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
	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
	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
	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
	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
	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	35	U	5	U	5	U	14		5	U	81		10	U	5	U
	Primary Sample	07/17/2001	1	U	1	U	0.23	J	4.1		10	U	1	U	1	U	0.5	U	350		1	U	1	U	1	U	5	U	1	U	1	U	15		1	U	55		2	U	1	U
	Primary Sample	03/26/2002	2	U	2	U	2	U	6.3		20	U	2	U	2	U	1	U	130		1.6	J	2	U	2	U	10	U	2	U	2	U	2	U	2	U	160		4	U	2	U
	Primary Sample	09/18/2002	1	U	1	U	0.38	J	3.4		10	U	1	U	1	U	0.5	U	180		1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	53		2	U	1	U
	Primary Sample	03/26/2003	5	U	5	U	5	U	6		50	U	5	U	5	U	2.5	U	170		5	U	5	U	5	U	35	U	5	U	5	U	5	U	5	U	67		10	U	5	U
	Primary Sample	09/24/2003	5	U	5	U	5	U	6.2		50	U	5	U	5	U	2.5	U	180		5	U	5	U	5	U	35	U	5	U	5	U	5	U	5	U	80		10	U	5	U
	Primary Sample	03/23/2004	2.5	U	2.5	U	0.64	J	8.4		35	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
	Primary Sample	09/22/2004	2.5	U	2.5	U	2.5	U	7		35	U	2.5	U	2.5	U	1.2	U	130		2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	62		5	U	2.5	U
TMW_07	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	35	U
	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	35	U
	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	
	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	35	U
	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		3500		12.5	U	35	U
	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
	Primary Sample	01/22/2001	35	U	35	U	14	J	640		350	U	35	U	35	U	12	U	5.5		26				35	U			35	U	35	U	17	J	17	J	1700		50	U	35	U
	Primary Sample	01/22/2001	35	U	35	U	14	J	640		350	U	35	U	35	U	12	U	5.5	J	26		35	U	35	U	120	U	35	U	35	U	17	J	17	J	1700		50	U	35	U
	Primary Sample	07/18/2001	5	U	4.8	J	10		560		50	U	5	U	5	U	2.5	U	4.3	J	21		5	U	5	U	35	U	5	U	5	U	5.6		12		1800		10	U	5	U
	Primary Sample	03/26/2002	35	U	35	U	7.5	J	200		350	U	35	U	35	U	12	U	35	U	21	J	35	U	35	U	120	U	35	U	35	U	35	U	35	U	1600		50	U	35	U
	Primary Sample	09/18/2002	5	U	2.6	J	7.7		390		50	U	5	U	5	U	2.5	U	4	J	12		5	U	5	U	35	U	5	U	5	U	5	U	8.5		1900		10	U	5	U
	Primary Sample	03/27/2003	35	U	35	U	9.7	J	560		350	U	35	U	35	U	12	U	35	U	18	J	35	U	35	U	120	U	35	U	35	U	35	U	13	J	1700		50	U	35	U
	Primary Sample	09/24/2003	50	U	50	U	50	U	520		500	U	50	U	50	U	35	U	50	U	15	J	50	U	50	U	350	U	50	U	50	U	50	U	50	U	1700		100	U	50	U
	Field Duplicate	09/24/2003	50	U	50	U	50	U	530		500	U	50	U	50	U	35	U	50	U	50	U	50	U	50	U	350	U	50	U	50	U	50	U	50	U	1700		100	U	50	U
	Primary Sample	03/24/2004	35	U	35	U	35	U	360		350	U	35	U	35	U	12	U	35	U	11	J	35	U	35	U	120	U	35	U	35	U	35	U	35	U	1300		50	U	35	U
	Primary Sample	09/23/2004	35	U	35	U	35	U	54		350	U	35	U	35	U	12	U	35	U	8.9	J	35	U	35	U	120	U	35	U	35	U	35	U	35	U	1200		50	U	35	U

RUBICON
Engineering Consultants

Table 6

Historical VOC Groundwater Quality Data

Boeing Realty Corporation, Former C-6 Facility

Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		Acetone		Benzene		Carbon disulfide		Carbon tetrachloride		Chloroform		cis-1,2-Dichloroethene		Cumene		Ethylbenzene		Methyl ethyl ketone		Methylene chloride		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene		Trichloroethene		Trichlorofluoromethane		Xylenes, Total	
TMW_08	Primary Sample	07/15/1998	37		37		96		7000				62		35	U	35	U	38		140		35	U	35	U			125	U	35	U	35	U	120		5700		35	U	50	U
	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	35	U
	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	35		2100		10	U	20	U
	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	35	U
	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	35	U
	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	35	U
	Primary Sample	01/25/2001	50	U	50	U	39	J	2189		500	U	50	U	50	U	35	U	50	U	63				50	U			50	U	50	U	18	J	51		3500		100	U	50	U
	Primary Sample	01/25/2001	50	U	50	U	39	J			500	U	50	U	50	U	35	U	50	U	63		50	U	50	U	350	U	50	U	50	U	18	J	51		3500		100	U	50	U
	Primary Sample	07/18/2001	10	U	6.8	J	35		2200		100	U	13		10	U	5	U	6.4	J	78		10	U	10	U	50	U	10	U	10	U	26		50		3500		20	U	10	U
	Primary Sample	03/26/2002	50	U	50	U	42	J	3100		500	U	17	J	50	U	35	U	50	U	72		50	U	50	U	350	U	50	U	50	U	50	U	55		3600		100	U	50	U
	Primary Sample	03/28/2003	50	U	50	U	62		3800		500	U	27	J	50	U	35	U	50	U	94		50	U	50	U	350	U	50	U	50	U	50	U	76		3700		100	U	50	U
	Primary Sample	03/25/2004	50	U	50	U	42	J	50	U	500	U	16	J	50	U	35	U	50	U	340		50	U	50	U	350	U	50	U	50	U	50	U	54		2100		100	U	50	U
TMW_09	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
	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	350		1	U	1	U
	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
	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			35	U	5	U	5	U	5	U	760		5	U	10	U
	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			35	U	5	U	5	U	5	U	1200		5	U	10	U
	Primary Sample	06/23/2000	5	U	5	U	5	U	220				5	U	5	U	5	U	5	U	5	U			5	U			35	U	5	U	5	U	5	U	1000		5	U	10	U
	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		35	U	12	U
	Primary Sample	01/29/2001	12	U	12	U	12	U	170		120	U	12	U	12	U	6.2	U	12	U	12	U	12	U	12	U	62	U	12	U	12	U	19		12	U	850		35	U	12	U
	Primary Sample	03/26/2002	5	U	5	U	5	U	35		50	U	5	U	5	U	2.5	U	5	U	9		5	U	5	U	35	U	5	U	5	U	5	U	5	U	260		10	U	5	U
	Primary Sample	03/26/2003	35	U	35	U	35	U	240		350	U	35	U	35	U	12	U	35	U	11	J	35	U	35	U	120	U	35	U	35	U	35	U	35	U	900		50	U	35	U
	Primary Sample	03/24/2004	5	U	5	U	5	U	6.8		50	U	5	U	5	U	2.5	U	5.9		8		5	U	5	U	35	U	5	U	3.2	J	5	U	1.5	J	500		10	U	5	U
TMW_10	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
	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
	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
	Primary Sample	01/19/2001	12	U	12	U	12	U			120	U	12	U	12	U	6.2	U	3.3	J	12	U	12	U	12	U	62	U	12	U	12	U	13		12	U	850		35	U	12	U
	Primary Sample	05/10/2001	1.7		1	U	1	U			5.7	J	1	U	1	U	0.5	U	2.7		1	U	0.22	J	1	U	5	U	61		0.94	J	1	U	1	U	3.6		1.2	J	1	U
	Primary Sample	07/18/2001	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	2.3		1	U	1	U	1	U	5	U	0.96	J	0.83	J	1	U	1	U	3.6		1.1	J	1	U
	Primary Sample	03/21/2002	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	3		1	U	1	U	1	U	5	U	1	U	0.88	J	5.5		1	U	3.7		1.2	J	1	U
	Primary Sample	09/16/2002	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	2.9		1	U	1	U	1	U	5	U	1	U	0.82	J	2.2		1	U	3.8		1.5	J	1	U
	Primary Sample	03/26/2003	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	3.2		1	U	1	U	1	U	5	U	1	U	1		0.58	J	1	U	4.9		1.5	J	1	U
	Primary Sample	09/23/2003	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	2.6		1	U	1	U	1	U	5	U	1	U	0.85	J	1	U	1	U	4.3		1.2	J	1	U
	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	2.4		1	U	1	U	1	U	5	U	1	U	0.81	J	1	U	1	U	4.2		1.4	J	1	U
	Field Duplicate	03/22/2004	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	2.7		1	U	1	U	1	U	5	U	1	U	0.91	J	1	U	1	U	4.8		1.7	J	1	U
	Primary Sample	09/21/2004	1	U	1	U	1	U	1	U	7.8	J	1	U	1	U	0.5	U	0.58	J	1	U	1	U	1	U	5	U	1	U	1.1		0.59	J	1	U	2.2		0.35	J	1	U
TMW_11	Primary Sample	03/03/1999	1.35	U	1.35	U	1.35	U	1.35	U			1.35	U	1.35	U	1.7		430		1.35	U	1.35	U	1.35	U			6.35	U	1.9		1.35	U	1.35	U	21		1.35	U	2.5	U
	Primary Sample	07/13/1999	1.35	U	1.35	U	1.35	U	2				1.35	U	1.35	U	1.7		450		1.35	U	1.35	U	1.35	U			6.35	U	1.7		1.35	U	1.35	U	23		1.35	U	2.5	U
	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
	Primary Sample	01/24/2001	10	U	10	U	10	U	10	U	100	U	10	U	10	U	5	U	720		10	U	10	U	10	U	50	U	10	U	10	U	13		10	U	21		20	U	10	U
	Primary Sample	07/17/2001	2	U	2	U	2	U	2	U	20	U	2	U	2	U	2		430		2	U	2	U	2	U	10	U	0.75	J	2.5		4.9		2	U	11		4	U	2	U
	Primary Sample	03/22/2002	5	U	5	U	5	U	5	U	50	U	5	U	5	U	3.3		340		5	U	5	U	5	U	35	U	5	U	5.7		5	U	5	U	7		10	U	5	U
	Primary Sample	09/17/2002	1	U	1	U	1	U	1	U	10	U	1	U	1	U	3.4		330		1	U	1	U	1	U	5	U	1	U	4.3		1	U	1	U	5.2		2	U	1	U
	Primary Sample	03/26/2003	10	U	10	U	10	U	10	U	53	J	10	U	10	U	3.4	J	390		10	U	10	U	10	U	50	U	10	U	5.8	J	10	U	10	U	7.1	J	20	U	10	U
	Primary Sample	09/23/2003	10	U	10	U	10	U	10	U	100	U	10	U	10	U	3.2	J	440		10	U	10	U	10	U	50	U	10	U	4.9	J	10	U	10	U	7.5	J	20	U	10	U
	Primary Sample	03/23/2004	10	U	10	U	10	U	10	U	100	U	10	U	10	U	3.2	J	380		10	U	10	U	10	U	50	U	10	U	4	J	10	U	10	U	9	J	20	U	10	U
	Field Duplicate	03/23/2004	10	U	10	U	10	U	10	U	100	U	10	U	10	U	5	U	280		10	U	10	U	10	U	50	U	10	U	3.6	J	10	U	10	U	13		20	U	10	U
	Primary Sample	09/21/2004	5	U	5	U	5	U	5	U	50	U	5	U	5	U	2.5	U	270		5	U	5	U	5	U	35	U	5	U	3.9	J	5	U	5	U	5.3		10	U	5	U
TMW_12	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
	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
	Primary Sample	06/21/2000	10	U	10	U	10	U	35				10	U	10	U	10	U	2100		10	U			10	U			50	U	13		10	U	10	U	440		10	U	20	U
	Primary Sample	01/22/2001	35	U	35	U	35	U	18	J	350	U	35	U	35	U	12	U	1500		35	U	35	U	35	U	120	U	35	U	35	U	35	U	35	U	310		50	U	35	U
	Primary Sample	07/17/2001	5	U	5	U	5	U	16		50	U	5	U	5	U	2.9		1400		5	U	5	U	5	U	35	U	5	U	12		6.7		5	U	170		10	U	5	U
	Primary Sample	03/25/2002	20	U	20	U	20	U	14	J	200	U	20	U	20	U	10	U	1200		20	U	20	U	20	U	100	U	20	U	20	U	17	J	20	U	150		40	U	20	U
	Primary Sample	09/18/2002	5	U	5	U	5	U	17		50	U	5	U	5	U	4.5		1600		5	U	5	U	5	U	35	U	5	U	13		5	U	5	U	120		10	U	5	U
TMW_13	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
	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
	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
	Primary Sample	05/10/2001	2.5		2	U	2	U			20	U	2	U	0.63	J	1.2		7.3		2	U	2	U	2	U	10	U	100		2	U	2	U	2	U	68		4	U	2	U
	Prim. Sample (Repeat)	05/10/2001	2.6		1	U	1	U			10	U	1	U	0.6	J	1.1		7.1		1	U	1	U	1	U	5	U	110	E	1.1		1	U	1	U	64		2	U	1	U
	Primary Sample	07/17/2001	1	U	1	U	1	U	0.39		10	U	1	U	1	U	1.2		11		1	U	1	U	1	U	5	U	0.93	J	2		1	U	1	U	72		2	U	1	U
	Primary Sample	03/22/2002	1	U	1	U	1	U	0.31	J	10	U	1	U	1	U	1.2		8.7		1	U	1	U	1	U	5	U	0.31	J	3.2		1	U	1	U	74		2	U	1	U
TMW_14	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
	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
	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	
	Primary Sample	01/25/2001	1	U	1	U	1	U			10	U	1	U	1	U	1.1		5.4		1	U	1	U	0.26	J	5	U	0.4	J	1	U	16		1	U	9.2		2	U	1.2	
	Primary Sample	07/18/2001	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U
	Primary Sample	07/18/2001	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1.5		3.5		1	U	1	U	1	U	5	U	1.2		0.82	J	15		1	U	9.4		2	U	1	U
	Primary Sample	03/22/2002	1	U	1	U	1	U	1	U	10	U	1	U	1	U	2		3.9		1	U	1	U	1	U	5	U	1	U	1.4		6.4		1	U	11		2	U	1	U
	Primary Sample	09/16/2002	1	U	1	U	1	U	1	U	10	U	1	U	1	U	2		4		0.34	J	1	U	1	U	5	U	1	U	1.1		0.98	J	1	U	10		2	U	1	U
	Primary Sample	03/26/2003	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1.8		3.3		1	U	1	U	1	U	5.6		1	U	1.6		0.33	J	1	U	10		2	U	1	U
	Primary Sample	09/23/2003	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1.6		2.4		1	U	1	U	1	U	5	U	1	U	1.6		1	U	1	U	11		2	U	1	U
	Primary Sample	03/22/2004	1	U	1	U	1	U	1	U	10	U	1	U	1	U	2.2		2.1		1	U	1	U	1	U	5	U	1	U	2.1		1	U	1	U	9.1		2	U	1	U
	Primary Sample	09/21/2004	1	U	1	U	1	U	1	U	3.1	J	1	U	1	U	1.2		2.8		1	U	1	U	1	U	5	U	1	U	1.7		1	U	1	U	9.9		2	U	1	U

Historical VOC Groundwater Quality Data

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

Object Name	Sample Type	Date	1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		Acetone		Benzene		Carbon disulfide		Carbon tetrachloride		Chloroform		cis-1,2-Dichloroethene		Cumene		Ethylbenzene		Methyl ethyl ketone		Methylene chloride		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene		Trichloroethene		Trichlorofluoromethane		Xylenes, Total	
TMW_15	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
	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
	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	
	Primary Sample	01/25/2001	1	U	1	U	1	U			10	U	1	U	1	U	0.5	U	8.7		1	U	1	U	0.46	J	5	U	0.39	J	1	U	15		1	U	29		2	U	1.8	
	Primary Sample	07/19/2001	1	U	1	U	1	U	0.58		10	U	1	U	1	U	0.5	U	5.1		1	U	1	U	1	U	5	U	0.74	J	1	U	17		1	U	35		2	U	1	U
	Primary Sample	03/22/2002	1	U	1	U	1	U	0.69	J	10	U	1	U	1	U	0.5	U	5.2		2.2		1	U	1	U	5	U	1	U	1	U	9.8		1	U	30		2	U	1	U
	Primary Sample	09/17/2002	1	U	1	U	1	U	0.46	J	10	U	1	U	1	U	0.5	U	6.5		0.75	J	1	U	1	U	5	U	1.2		1	U	4.4		1	U	35		2	U	1	U
	Primary Sample	03/26/2003	1	U	1	U	1	U	0.58	J	10	U	1	U	1	U	0.5	U	4.2		2		1	U	1	U	5	U	1	U	1	U	2.5		1	U	26		2	U	1	U
	Primary Sample	09/23/2003	1	U	1	U	1	U	0.54	J	10	U	1	U	1	U	0.5	U	4		1.6		1	U	1	U	5	U	1	U	1	U	1	U	1	U	24		2	U	1	U
	Primary Sample	03/22/2004	1	U	1	U	1	U	1.1		10	U	1	U	1	U	0.5	U	4.1		2.1		1	U	1	U	5	U	1	U	1	U	1	U	1	U	18		2	U	1	U
	Primary Sample	09/20/2004	1	U	1	U	1	U	1.6		10	U	1	U	1	U	0.5	U	2.5		3.3		1	U	1	U	5	U	1	U	1	U	1	U	1	U	18		2	U	1	U
	Primary Sample	09/22/2004	1	U	1	U	1	U	0.82	J	10	U	1	U	1	U	0.5	U	4		1.7		1	U	1	U	5	U	1	U	1	U	1	U	1	U	13		2	U	1	U
TMW_16	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
	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
	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
	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					
	Primary Sample	01/25/2001	1	U	1	U	1	U			10	U	1	U	1	U	0.5	U	0.31	J	1	U	1	U	0.63	J	5	U	1	U	1.1		12		1	U	2.5		2	U	2.3	
	Primary Sample	03/21/2002	1	U	1	U	1	U	1	U	4.7	J	1	U	1	U	0.5	U	0.47	J	1	U	0.35	J	1	U	5	U	1	U	0.94	J	1.1		1	U	1.6		2	U	1	U
	Primary Sample	09/16/2002	1	U	1	U	1	U	1	U	10	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	5	U	2.3		1.1		1	U	1	U	1.7		2	U	1	U
TMW_17	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
	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
	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	35		0.5	U	1	U
WCC_01D	Primary Sample	07/25/1989	1	U	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U			1	U	5	U	5	U	1	U	1		1	U	2		1	U	1	U
	Primary Sample	08/23/1989	1				1	U	1	U			1	U					1	U	1	U					5	U			2		1	U	1	U	2					
	Primary Sample	11/15/1991	8		5	U	5	U	90		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	40		20		5	U	40		5	U	5	U
	Primary Sample	06/15/1992	64		35	U	35	U	1500		50	U	35	U	35	U	35	U	35	U	35	U			35	U	50	U	35	U	230		35	U	35	U	230		35	U	35	U
	Field Duplicate	06/15/1992	64				35	U	1300		50	U	35	U					35	U	35	U					50	U					35	U	35	U	210					
	Primary Sample	09/22/1992	8		1	U	1	U	180		5	U	1	U	1	U	1	U	1	U	2		1	U	1	U	5	U	11		44		1	U	1	U	44		4			
	Primary Sample	12/07/1992	8		1	U	1	U	160		5	U	1	U	1	U	1	U	1		2				1	U	5	U	2		1	U	1	U	1	U	41		1	U	1	U
	Field Duplicate	12/07/1992	160		1	U	1	U	150		5	U	1	U	1	U	1	U	1		1	U	1	U	1	U	5	U	2		1	U	3		1	U	6		1	U	1	U
	Primary Sample	03/16/1993	19		2	U	2	U	200		10	U	2	U	5	U	5	U	2	U	3				2	U	10	U	10	U	23		2	U	2	U	23		2	U	2	U
	Primary Sample	06/08/1993	14		20	U	10	U	500		200	U	10	U	10	U	10	U	10	U	10	U			10	U	200	U	20	U	71		10	U	10	U	71		10	U	10	U
	Field Duplicate	06/08/1993	17		8	U	4	U	480		80	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U	80	U	10	U	4	U	4	U	4	U	72		4		4	U
	Primary Sample	08/24/1993	16		4	U	2	U	540		40	U	2	U	2	U	2	U	2	U	3		2	U	2	U	40	U	4	U	2	U	2	U	2		67		2	U	2	U
	Primary Sample	11/18/1993	16		4	U	2	U	880		40	U	2	U	2	U	2	U	2	U	3				2	U	40	U	10	U	110		2	U	3		110		2	U	2	U
	Primary Sample	02/23/1994	3		4	U	2	U	140		40	U	2	U	4	U	4	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	14		2	U	2	U
	Primary Sample	06/10/1994	3.7		4	U	2	U	230		40	U	2	U	10	U	10	U	2	U	2	U			2	U	40	U	20	U	24		2	U	2	U	24		2	U	2	U
	Primary Sample	09/08/1994	3.6		4	U	2	U	210		40	U	2	U	50	U	50	U	2	U	2	U			2	U	40	U	10	U	37		2	U	2	U	37		2	U	2	U
	Primary Sample	13/22/1994	10		4	U	2	U	600		40	U	2	U	4	U	4	U	2	U	2.3				2	U	40	U	10	U	2	U	2.2		2.2		71		2	U	2	U
	Primary Sample	03/13/1995	4	U	8	U	4	U	240		80	U	4	U	40	U	40	U	4	U	4	U			4	U	80	U	20	U	4	U	4	U	4	U	38		4	U	4	U
	Primary Sample	06/13/1995	2	U	4	U	2	U	170		40	U	2	U	3.1		2	U	2	U	2				2	U	40	U	10	U	2	U	2	U	2	U	21		2	U	2	U
	Primary Sample	09/03/1995	5	U	5	U	5	U	150		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	29		5	U	5	U
	Primary Sample	13/16/1995	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
	Primary Sample	02/29/1996	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	Field Duplicate	02/29/1996	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U
	Primary Sample	06/06/1996	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
	Primary Sample	09/18/1996	1	U	1	U	1	U	1	U	10	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	3.5		1	U	1	U
	Field Duplicate	09/18/1996	0.5	U	1	U	1	U	1	U	10	U	0.5	U	5	U	1	U	1	U	1.4		1	U	1	U	10	U	1	U	1	U	1	U	1	U	3.6		1	U	1	U
	Primary Sample	13/18/1996	1	U	1	U	1	U	1	U	10	U	1	U	5	U	1	U	1	U	1	U	1.2		1	U	10	U	1	U	1	U	1	U	1	U	3.5		1	U	1	U
	Primary Sample	05/07/1997	1	U	1	U	1	U	1	U	10	U	1	U	5	U	1	U	1	U	1.2		1	U	1	U	10	U	1	U	1	U	1	U	1	U	3.1		1	U	1	U
	Primary Sample	07/08/1997	1	U	1	U	1	U	1	U	10	U	1	U	5	U	1	U	1	U	1.1		1	U	1	U	10	U	1	U	1	U	1	U	1	U	3.3		1	U	1	U
	Primary Sample	07/23/1997	1	U	1	U	1	U	2		10	U	1	U	5	U	1	U	1	U	1.2		1	U	1	U	10	U	1	U	1	U	7.5		1	U	14		1	U	1	U
	Primary Sample	08/05/1997	1	U	1	U	1	U	3		10	U	1	U	5	U	1	U	1	U	1.3		1	U	1	U	10	U	1	U	1	U	14		1	U	20		1	U	1	U
	Primary Sample	08/20/1997	1	U	1	U	1	U	1	U	10	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U	10	U	1	U	1	U	1	U	1	U	2.6		1	U	1	U
	Primary Sample	09/04/1997	1.2		1	U	1	U	6		10	U	1	U	5	U	1	U	1	U	1.6		1	U	1	U	10	U	1	U	1	U	27		1	U	35		1	U	1	U
	Primary Sample	09/17/1997	1.2		1	U	1	U	6		10	U	1	U	5	U	1	U	1	U	1.5		1	U	1	U	10	U	1	U	1	U	26		1	U	28		1	U	1	U
WCC_01S	Primary Sample	03/27/1987	300		50	U	50	U	2800		500	U	85		50	U	50	U	50	U	50	U			50	U	500	U	300	U	50	U	50	U	50	U	4600		50	U	50	U
	Primary Sample	04/13/1987	260		50	U	50	U	3700		500	U	110		50	U	50	U	50	U	50	U			50	U	500	U	300	U	50	U	50	U	50	U	5500		50	U	50	U
	Primary Sample	11/12/1987	160		20	U	23		3000		200	U	160		20	U	20	U	39		20	U			20	U	200	U	200	U	20	U	20	U	75		5200		20	U	20	U
	Field Duplicate	04/13/1988	120						3500																												3600					
	Primary Sample	07/13/1989	67		20	U	20	U	900		100	U	20	U	20	U	20	U	20	U	20	U			20	U	100	U	100	U	20	U	20	U	20	U	2400		20	U	20	U
	Primary Sample	08/23/1989	30	U			30		1500				30	U					30	U	41						200	U					30	U	20	U	2800					
	Primary Sample	11/18/1991	350	U	350	U	350	U	1300		500	U	50	U	350	U	350	U	350	U	350	U			350	U	500	U	500	U	350	U	350	U	30	U	3700		350	U	350	U
	Primary Sample	06/17/1992	5	U			5	U	170		30	U	5	U					5	U	5	U					10	U					5	U	5	U	380					
	Primary Sample	09/23/1992	16		1	U	13		1500		5	U	37		22		1	U	13		27				1	U	5	U	4		1	U	1		14		3400		1	U	1	U
	Primary Sample	12/09/1992	30	U	30	U	30	U	1500		100	U	30		30	U	30	U	30	U	30	U			30	U	100	U	40		30	U	30	U	30	U	3100		30	U	30	U
	Primary Sample	03/18/1993	15		2	U	13		1000		10	U	33		5	U	5	U	14		27				2	U	10	U	10	U	2	U	2	U	15		2100		5	U	2	U
	Primary Sample	06/08/1993	20	U	20	U	20	U	1200		400	U	35		20	U	20	U	20	U	27				20	U	400	U	100	U	20	U	20	U	20	U	2400		20	U	20	U
	Primary Sample	08/25/1993	20	U	40	U	20	U	1700		400	U	42		20	U	20	U	20	U	27		20	U	20	U	400	U	40	U	20	U	20	U	20	U	3300		20	U	20	U
	Primary Sample	11/19/1993	20	U	40	U	20	U	1600		400	U	38		20	U	20	U	20	U	35				20	U	400	U	100	U	20	U	20	U	20	U	2600		20	U	20	U
	Primary Sample	02/24/1994	300		40	U	20	U	3400		400	U	20	U	20	U	20	U	20	U	20	U			20	U	400	U	100	U	20	U	20	U	35		1200		20	U	20	U
	Primary Sample	06/13/1994	11		20	U	11		1000		200	U	10	U	10	U	10	U	10	U	20				10	U	200	U	50	U	10	U	10	U	16		1700		10	U	10	U
	Primary Sample	09/09/1994	40	U	80	U	40	U	1400		800	U	40	U	40	U	40	U	40	U	40	U			40	U	800	U	200	U	40	U	40	U	40	U	2300		40	U	40	U
	Primary Sample	13/22/1994	24		40	U	23		3000		400	U	57		20	U	20	U	20	U	38				20	U	400	U	100	U	20	U	20	U	36		3100		20	U	20	U

RUBICON Engineering Corporation

BOE-C6-0011547

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cumene	Ethylbenzene	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
WCC_01S	Primary Sample	03/14/1995	20 U	40 U	20 U	2000	400	34 U	20	20 U	20 U	22		20	400 U	100 U	20 U	20 U	22	2300	20 U	20 U
	Primary Sample	06/13/1995	20 U	40 U	20 U	2700	400	45 U	20	20 U	20 U	29		20	400 U	100 U	20 U	20 U	31	3200	20 U	20 U
	Primary Sample	09/07/1995	22	5 U	22	1800	10	51	5	5 U	16	37		5	10 U	5 U	50 U	50 U	37	2600	5 U	5 U
	Primary Sample	13/15/1995	22	2 U	26	2900		42	2	2 U	17	34		2	U	2	2 U	2 U	40	2600	2 U	2 U
	Primary Sample	03/04/1996	24	20 U	27	3000	40	20 U	20	20 U	20 U	35		20	40 U	20 U	20 U	20 U	45	2700	20 U	20 U
	Primary Sample	06/07/1996	20	5 U	24	3500	10	7 U	5	5 U	17	28		5	10 U	5 U	5 U	5 U	39	2200	5 U	5 U
	Primary Sample	09/19/1996	50 U	50 U	50 U	3200	500	50 U	350	50 U	50 U	50 U		50	500 U	50 U	50 U	50 U	50	2400	50 U	50 U
	Field Duplicate	13/15/1996	22	2 U	26	2800	2	42	2	2 U	16	33	2	2 U	U	2	2 U	2 U	40	3560	2 U	4 U
	Primary Sample	13/18/1996	50 U	50 U	50 U	2600	500	50 U	350	50 U	50 U	50 U		50	500 U	50 U	50 U	50 U	50	2200	50 U	50 U
	Field Duplicate	13/18/1996		50 U			500	U	350	50 U	U		50	50 U	U	50	50 U	U			50 U	50 U
	Primary Sample	05/08/1997	50 U	50 U	50 U	3200	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	69	2700	50 U	50 U
	Primary Sample	07/08/1997	50 U	50 U	50 U	3900	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	50	2800	50 U	50 U
	Primary Sample	07/24/1997	50 U	50 U	50 U	2600	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	50	2400	50 U	50 U
	Primary Sample	08/05/1997	50 U	50 U	50 U	3800	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	60	2700	50 U	50 U
	Primary Sample	08/22/1997	50 U	50 U	50 U	3800	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	66	2700	50 U	50 U
	Primary Sample	09/05/1997	50 U	50 U	50 U	3500	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	61	3500	50 U	50 U
	Primary Sample	09/17/1997	50 U	50 U	50 U	3400	500	50 U	350	50 U	50 U	50 U	50	50 U	500 U	50 U	50 U	50 U	63	2700	50 U	50 U
	Field Duplicate	13/18/1997	50 U		50 U	2600		50 U			50 U	50 U			500 U			50 U	50	2300		
WCC_02S	Primary Sample	11/02/1987	5	1 U	1 U	5	10	1 U	1	5	1	1 U		1	10 U	10 U	1 U	6	1	14	1 U	1 U
	Primary Sample	11/12/1987	1	1	1 U	2	10	1 U	1	1 U	1 U	1 U		1	10 U	10 U	1 U	1	5	4	1 U	1 U
	Primary Sample	07/13/1989	1 U	1 U	1 U	1	5 U	1 U	1	1 U	1 U	1 U		1	5 U	1 U	1 U	1	1	5	1 U	1 U
	Primary Sample	08/23/1989	1 U		1	U		1	U		1	1 U			5	U			1	3		
	Primary Sample	11/19/1991	8	5	5 U	30	10	1 U	5	5 U	5 U	5 U		5	10 U	15	5	75	5	110	5 U	5 U
	Primary Sample	06/16/1992	5 U	5	5 U	30	10	5 U	5	5 U	5 U	5 U		5	10 U	5	5 U	5	5	100	5 U	5 U
	Primary Sample	09/22/1992	1 U	1	1 U	18	5	1 U	1	1 U	1 U	1 U		1	5 U	11	1	1	1	110	1 U	1 U
	Field Duplicate	09/22/1992	1 U	1	1 U	19	5	1 U	1	1 U	1 U	1 U	1	1 U	5	9	1	1	1	97	1 U	1 U
	Primary Sample	13/08/1992	2	1	1 U	49	6	1	1	1 U	1 U	1 U		1	5 U	5	1	1	1	140	1 U	1 U
	Field Duplicate	13/08/1992	2	1	2 U	27	5	1 U	1	1 U	2	1	1	1 U	5	2	1	1	1	99	1 U	1 U
	Primary Sample	03/17/1993	2 U	2	2 U	33	10	2 U	5	5 U	2	2 U		2	10 U	10	2 U	2	2	100	5 U	2 U
	Primary Sample	03/17/1993	2 U	2	2 U	32	10	2 U	5	5 U	2	2 U		2	10 U	10	2 U	2	2	110	5 U	2 U
	Field Duplicate	03/17/1993	2 U	2	2 U	33	10	2 U	5	5 U	2	2 U	2	2 U	10 U	10	2 U	2	2	100	5 U	2 U
	Primary Sample	06/07/1993	2 U	4	2 U	48	40	2 U	2	2 U	2	2 U		2	40 U	4	2 U	2	2	150	2 U	2 U
	Primary Sample	08/24/1993	2 U	4	2 U	16	40	2 U	2	2 U	2	2 U	2	2 U	40 U	4	2 U	2	2	90	2 U	2 U
	Primary Sample	11/19/1993	2 U	4	2 U	41	40	2 U	2	2 U	2	2 U		2	40 U	10	2 U	2	2	94	2 U	2 U
	Primary Sample	02/24/1994	2 U	4	2 U	30	40	2 U	2	2 U	2	2 U		2	40 U	10	2 U	2	2	96	2 U	2 U
	Primary Sample	06/10/1994	2 U	4	2 U	24	40	2 U	2	2 U	2	2 U		2	40 U	20	2 U	2	2	97	2 U	2 U
	Primary Sample	09/08/1994	2 U	4	2 U	37	40	2 U	2	2 U	2	2 U		2	40 U	10	2 U	2	2	150	2 U	2 U
	Primary Sample	12/22/1994	2 U	4	2 U	28	40	2 U	2	2 U	2	2 U		2	40 U	10	2 U	2	2	110	2 U	2 U
	Primary Sample	03/13/1995	2 U	4	2 U	27	40	2 U	2	2 U	2	2 U		2	40 U	10	2 U	2	2	160	2 U	2 U
	Primary Sample	06/12/1995	2 U	4	2 U	30	40	2 U	2	2 U	2	2 U		2	40 U	10	2 U	2	2	130	2 U	2 U
	Primary Sample	09/05/1995	5 U	5	5 U	56	10	5 U	5	5 U	5	5 U		5	10 U	5	5 U	5	5	200	5 U	5 U
	Primary Sample	13/15/1995	2 U	2	2 U	15	2	2 U	2	2 U	2	2 U	2	2 U	U	2	2 U	2	2	60	2 U	4 U
	Primary Sample	03/01/1996	5 U	5	5 U	5	10	5 U	5	5 U	5	5 U	5	5 U	10 U	5	5 U	5	5	21	5 U	5 U
	Primary Sample	06/06/1996	5 U	5	5 U	7	10	5 U	5	5 U	5	5 U	5	5 U	10 U	5	5 U	5	5	33	5 U	5 U
	Primary Sample	09/19/1996	1 U	1	1 U	23	10	1 U	1	5 U	1	1 U	1	1 U	10 U	1	1 U	1	1	98	1 U	1 U
	Primary Sample	13/18/1996	2 U	2	2 U	30	20	2 U	2	10 U	2	2 U	2.2	2	20 U	2	2 U	2	2	120	2 U	2 U
	Primary Sample	05/07/1997	1 U	1	1 U	12	10	1 U	1	5 U	1	1 U	18	1	10 U	1	1 U	1	1	35	1 U	1 U
	Field Duplicate	05/07/1997	1 U	1	1 U	11	10	1 U	1	5 U	1	1 U	17	1	10 U	1	1 U	1	1	24	1 U	1 U
WCC_03D	Primary Sample	07/25/1989	49	1	1 U	1	5 U	1	1	1 U	1	10 U	11	1	5 U	5	1 U	3	1	4	1 U	1 U
	Primary Sample	08/23/1989	32	10	10 U	10	50 U	10	10	10 U	10	10 U	10	U	10 U	50	10 U	10	10	10	10 U	10 U
	Primary Sample	11/14/1991	60	5	5 U	20	10	5 U	5	5 U	5	5 U	5	5	10 U	5	5 U	5	5	5	5 U	5 U
	Primary Sample	06/16/1992	860	5	5 U	510	50	5 U	5	5 U	5	5 U	5	U	10 U	5	5 U	8	5	23	5 U	5 U
	Primary Sample	09/22/1992	27	1	1 U	21	5	1 U	1	1 U	1	1 U	1	U	5 U	8	1	1	1	2	1 U	1 U
	Primary Sample	12/07/1992	130	1	1 U	120	5	1 U	1	1 U	1	1	1	U	5 U	1	1	3	1	5	1 U	1 U
	Primary Sample	03/16/1993	500	2	2 U	6	500	10	2 U	5	5 U	5	2 U	2	10 U	10	2 U	6	9	47	5 U	2 U
	Primary Sample	03/16/1993	2000	2	2 U	6	950	10	2 U	5	5 U	5	2 U	2	10 U	10	2 U	6	9	50	5 U	2 U
	Field Duplicate	03/16/1993	2000	2	2 U	6	1000	10	2 U	5	5 U	5	2 U	2	10 U	10	2 U	6	9	47	5 U	2 U
	Primary Sample	06/08/1993	110	4	2 U	2	110	40	10 U	2	2 U	2	2 U	2	40 U	10	2 U	2	2	6	2 U	2 U
	Primary Sample	08/24/1993	100	4	2 U	2	120	40	2 U	2	2 U	2	2 U	2	40 U	4	2 U	3	2	5	2 U	2 U
	Primary Sample	11/18/1993	410	4	2 U	2	610	40	2 U	4	2 U	2	2 U	2	40 U	10	2 U	6	4	17	2 U	2 U
	Field Duplicate	11/18/1993	640	8	4 U	4	840	80	4 U	4	4 U	4	4	4	80 U	20	4 U	8	4	23	4 U	4 U
	Primary Sample	02/23/1994	330	8	4 U	4	370	80	4 U	4	4 U	4	4 U	U	80 U	20	4 U	12	4	23	4 U	4 U
	Field Duplicate	02/23/1994	330		4	370		4	U		4	4 U			80			12	4	23		
	Primary Sample	06/13/1994	1300	20	10 U	720	200	10 U	10	10 U	10	10 U	10	10	200 U	50	10 U	10	10	94	10 U	10 U
	Primary Sample	09/09/1994	5600	100	50 U	3700	1000	50 U	50	50 U	50	50 U	50	U	1000 U	350	50 U	50	50	490	50 U	50 U
	Primary Sample	12/21/1994	6300	29	4	5200	80	8.6	4	4 U	4	4	15		80 U	20	4 U	5100	22	540	4 U	4 U
	Primary Sample	03/14/1995	4000	80	40 U	3300	800	40 U	40	40 U	40	40 U	40	U	800 U	200	40 U	3200	40	370	40 U	40 U
	Field Duplicate	03/14/1995	3900	40	20 U	3200	400	20 U	20	20 U	20	20 U	20	20	400 U	100	61	3400	20	380	20 U	40 U
	Primary Sample	06/13/1995	2100	20	10 U	1800	200	10 U	10	10 U	10	10 U	10	U	200 U	50	10 U	1700	10	200	10 U	10 U
	Primary Sample	09/07/1995	4100	35	13	3400	10	13	10	5 U	5	5 U	60		5 U	10	5 U	4700	30	520	5 U	8
	Primary Sample	13/16/1995	90	2	2 U	111		2 U	2	2 U	2	2 U	3		2 U		2 U	88	2	32	2 U	2 U
	Primary Sample	03/04/1996	40	5	5 U	53	10	5 U	5	5 U	5	5 U	5	5	5 U	10	5 U	6	5	23	5 U	5 U
	Primary Sample	06/07/1996	59	5	5 U	84	10	5 U	5	5 U	5	5 U	5	U	5 U	10	5 U	21	5	60	5 U	5 U

RUBICON
Engineering Resources

BOE-C6-0011548

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cumene	Ethylbenzene	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
WCC_03D	Primary Sample	09/19/1996	24	1 U	1 U	52	10 U	1 U	5 U	1 U	1 U	2.2		1 U	10 U	1 U	1 U	12	1 U	61	1 U	1 U
	Primary Sample	13/19/1996	67	2.5 U	2.5	97	10 U	2.5 U	5 U	2.5 U	2.5 U	5.4	2.5	2.5 U	10 U	5 U	2.5 U	20	2.5 U	42	5 U	2.5 U
	Primary Sample	05/08/1997	11	1 U	1 U	43	10 U	1 U	5 U	1 U	1 U	1.7	1 U	1 U	10 U	1 U	1 U	2.7	1 U	63	1 U	1 U
	Primary Sample	07/08/1997	15	1 U	1 U	70	10 U	1 U	5 U	1 U	1 U	2.3	1 U	1 U	10 U	1 U	1 U	14	1 U	87	1 U	1 U
	Field Duplicate	07/08/1997	5.9	1 U	1 U	30	10 U	1 U	5 U	1 U	1 U	1.1	1 U	1 U	10 U	1 U	1 U	6	1 U	45	1 U	1 U
	Primary Sample	07/24/1997	7.9	1 U	1 U	55	10 U	1 U	5 U	1 U	1 U	2.1	1 U	1 U	10 U	1 U	1 U	12	1 U	79	1 U	1 U
	Primary Sample	08/06/1997	8.8	1 U	1 U	34	10 U	1 U	5 U	1 U	1 U	2	1 U	1 U	10 U	1 U	1 U	17	1 U	58	1 U	1 U
	Field Duplicate	08/06/1997	8.6	1 U	1 U	34	10 U	1 U	5 U	1 U	1 U	2.2	1 U	1 U	10 U	1 U	1 U	17	1 U	56	1 U	1 U
	Primary Sample	08/22/1997	21	1 U	1 U	61	10 U	1 U	5 U	1 U	1 U	1.9	1 U	1 U	10 U	1 U	1 U	21	1 U	70	1 U	1 U
	Field Duplicate	08/22/1997	22	1 U	1 U	60	10 U	1 U	5 U	1 U	1 U	1.8	1 U	1 U	10 U	1 U	1 U	22	1 U	72	1 U	1 U
	Primary Sample	09/05/1997	15	1 U	1 U	53	10 U	1 U	5 U	1 U	1 U	2	1 U	1 U	10 U	1 U	1 U	29	1 U	66	1 U	1 U
	Field Duplicate	09/05/1997	14	1 U	1 U	48	10 U	1 U	5 U	1 U	1 U	1.9	1 U	1 U	10 U	1 U	1 U	27	1 U	63	1 U	1 U
	Primary Sample	09/18/1997	18	1 U	1 U	35	10 U	1 U	5 U	1 U	1 U	1.7	1 U	1 U	10 U	1 U	1 U	32	1 U	47	1 U	1 U
	Primary Sample	09/28/1998	1300	5 U	5 U	1200		5 U	5 U	5 U	5 U	18	5 U	5 U		35 U	5 U	58	6.1	62	5 U	10 U
	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
	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
	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
	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
	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
	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
	Primary Sample	02/03/2001	58	2 U	2 U	47	20 U	2 U	2 U	1 U	2 U	3.1	2 U	2 U	10 U	97	2 U	20	2 U	7.4	4 U	1 J
	Primary Sample	03/21/2002	6.7	1 U	1 U	8.7	7.1 J	1 U	1 U	0.5 U	1 U	1.7	1 U	1 U	5 U	1 U	1 U	3	1 U	1.8	2 U	1 U
WCC_03S	Primary Sample	11/02/1987	110000	1000 U	1000 U	38000	10000 U	1000 U	1000 U	1000 U	1000 U	1000 U		1000 U	10000 U	10000 U	1000 U	80000	1000 U	10000	1000 U	1000 U
	Primary Sample	11/12/1987	54000		1000	88000												140000	1000	11000		
	Primary Sample	11/13/1987	54000	1000 U	1000	88000	10000 U	1000 U	1000 U	1000 U	1000 U	1000 U		1000 U	10000 U	10000 U	1000 U	140000	1000	11000	1000 U	1000 U
	Primary Sample	07/13/1989	56000		500 U	18000		500 U			500 U	500 U						32000	660	7700		
	Primary Sample	07/25/1989	56000	550	500 U	18000	3000 U	500 U	3000 U	500 U	500 U	500 U		500 U	3000 U	500 U	500 U	32000	660	7700	500 U	500 U
	Primary Sample	08/23/1989	78000	1000 U	1000 U	56000	5000 U	1000 U	5000 U	1000 U	1000 U	1000 U		1000 U	5000 U	1000 U	1000 U	56000	500 U	6000	500 U	500 U
	Primary Sample	11/14/1991	6900	1250 U	1250 U	12000	3500 U	350 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	3500 U	1250 U	1250 U	27000	1250 U	7900	1350 U	1350 U
	Primary Sample	06/17/1992	13	5 U	5 U	35	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
	Primary Sample	09/22/1992	7800	500 U	500 U	22000	3000 U	500 U	500 U	500 U	500 U	500 U		500 U	3000 U	900	500 U	52000	500 U	12000	500 U	500 U
	Primary Sample	09/23/1992	7800	500 U	500 U	22000	3000 U	500 U	500 U	500 U	500 U	500 U	500 U	500 U	3000 U	900	500 U	52000	500 U	12000	500 U	500 U
	Primary Sample	12/09/1992	5600	500 U	500 U	21000	3000 U	500 U	500 U	500 U	500 U	700	500 U	500 U	4000	500 U	500 U	44000	600	11000	500 U	500 U
	Primary Sample	13/10/1992	5600	500 U	500 U	21000	3000 U	500 U	500 U	500 U	500 U	700		500 U	4000	500 U	500 U	44000	600	11000	500 U	500 U
	Primary Sample	03/18/1993	22000	60	510	20000	50 U	260	35 U	35 U	110 U	640		10 U	50 U	50 U	10 U	42000	670	8800	35 U	110
	Primary Sample	03/18/1993	4000	60	510	4000	50 U	260	35 U	35 U	110 U	640		10 U	50 U	50 U	10 U	4000	670	4000	35 U	110
	Primary Sample	03/18/1993	22000	500 U	510	20000	3500 U	500 U	1250 U	1250 U	500 U	640		500 U	3500 U	3500 U	500 U	42000	670	8800	1250 U	500 U
	Primary Sample	03/18/1993	21000	500 U	500 U	20000	3500 U	500 U	1250 U	1250 U	500 U	650		500 U	3500 U	3500 U	500 U	42000	640	8800	1250 U	500 U
	Field Duplicate	03/18/1993	22000	60	510	20000	50 U	260	35 U	35 U	110 U	640	10 U	10 U	50 U	50 U	10 U	42000	670	8800	35 U	110
	Primary Sample	06/08/1993	5900	200 U	420	16000	2000 U	210	100 U	100 U	100 U	100 U		100 U	2000 U	200 U	100 U	400 U	480	8600	100 U	100 U
	Primary Sample	08/25/1993	10000	800 U	500	21000	8000 U	400 U	400 U	400 U	410 U	670	400 U	400 U	8000 U	800 U	400 U	46000	680	11000	400 U	400 U
	Field Duplicate	08/25/1993	9500	52	560	20000	200 U	350	10 U	10 U	10 U	700	10 U	21	660	50 U	10 U	40000	710	9700	10 U	154
	Primary Sample	11/19/1993	19000	400 U	690	26000	4000 U	280	200 U	200 U	200 U	1100		200 U	4000 U	1000 U	200 U	50000	840	10000	200 U	200 U
	Primary Sample	02/24/1994	9600	400 U	310	15000	4000 U	200 U	200 U	200 U	200 U	3500		200 U	4000 U	1000 U	200 U	35000	260	3500	200 U	200 U
	Primary Sample	06/13/1994	6200	400 U	310	13000	4000 U	200 U	200 U	200 U	200 U	4100		200 U	4000 U	1000 U	200 U	2300	360	820	200 U	200 U
	Primary Sample	09/09/1994	9000	400 U	520	23000	4000 U	200 U	200 U	200 U	200 U	7700		200 U	4000 U	1000 U	200 U	43000	600	200 U	200 U	200 U
	Field Duplicate	09/09/1994	98000		560	35000		500 U			500 U	8400			10000 U			47000	640	500 U		
	Primary Sample	12/22/1994	6700	400 U	440	20000	4000 U	200	200 U	200 U	200 U	6700		200 U	4000 U	1000 U	200 U	35000	530	390	200 U	200 U
	Primary Sample	03/14/1995	8700	400 U	570	24000	4000 U	230	200 U	200 U	200 U	6200		200 U	4000 U	1000 U	200 U	40000	670	2300	200 U	200 U
	Primary Sample	06/13/1995	4800	800 U	450	22000	8000 U	400 U	400 U	400 U	400 U	6300		400 U	8000 U	1000 U	400 U	39000	500	1200	400 U	400 U
	Primary Sample	09/07/1995	4100	64	480	13000	39	220	10 U	5 U	76	6000		18	200 U	23	5 U	31000	520	910	5 U	137
	Primary Sample	13/16/1995	3100	22	350	12000		130	2 U	2 U	45	4400		8		2 U	2 U	23000	400	670	2 U	42
	Primary Sample	03/04/1996	1900	50 U	230	8400	10 U	100	50 U	50 U	50 U	3200	50 U	50 U	100 U	50 U	50 U	15000	280	480	50 U	50 U
	Primary Sample	06/07/1996	2400	12	310	11000	19	110	5 U	5 U	38	3400		7	32	13	5 U	18000	340	240	5 U	53
WCC_03S	Primary Sample	09/19/1996	3500	500 U	600	20000	5000 U	500 U	3500 U	500 U	500 U	6300		500 U	5000 U	500 U	500 U	29000	860	500 U	500 U	500 U
	Primary Sample	13/19/1996	2300	350 U	380	16000	3500 U	350 U	1200 U	350 U	350 U	4100	350 U	350 U	3500 U	350 U	350 U	20000	460	350 U	350 U	350 U
	Primary Sample	05/08/1997	470	120 U	140	6300	1200 U	120 U	620 U	120 U	120 U	2000	120 U	120 U	1200 U	120 U	120 U	8800	180	230	120 U	120 U
	Field Duplicate	05/08/1997	520		350 U	6200		350 U			50 U	2000			3500 U			9100	350 U	350 U		
	Primary Sample	07/08/1997	1100	350 U	350 U	9200	3500 U	350 U	1200 U	350 U	350 U	2900	350 U	350 U	3500 U	350 U	350 U	14000	260	400	350 U	350 U
	Primary Sample	07/24/1997	1900	350 U	350	14000	3500 U	350 U	1200 U	350 U	350 U	4000	350 U	350 U	3500 U	350 U	350 U	22000	380	420	350 U	350 U
	Primary Sample	08/06/1997	1500	350 U	310	12000	3500 U	350 U	1200 U	350 U	350 U	3900	350 U	350 U	3500 U	350 U	350 U	18000	350	350	350 U	350 U
	Primary Sample	08/22/1997	2200	350 U	410	16000	3500 U	350 U	1200 U	350 U	350 U	4600	350 U	350 U	3500 U	350 U	350 U	23000	540	290	350 U	350 U
	Primary Sample	09/05/1997	1600	350 U	350	13000	3500 U	350 U	1200 U	350 U	350 U	3700	350 U	350 U	3500 U	350 U	350 U	18000	390	350 U	350 U	350 U
	Primary Sample	09/18/1997	1500	350 U	300	12000	3500 U	350 U	1200 U	350 U	350 U	3500	350 U	350 U	3500 U	350 U	350 U	18000	350	350 U	350 U	350 U
	Field Duplicate	09/18/1997	1600	350 U	300	13000	3500 U	350 U	1200 U	350 U	350 U	3600	350 U	350 U	3500 U	350 U	350 U	18000	360	260	350 U	350 U
	Primary Sample	09/23/1998	4000	350 U	870	33000		390	350 U	350 U	350 U	9400	350 U	350 U		1250 U	350 U	59000	980	350 U	350 U	500 U
	Primary Sample	10/22/1998	4700	350 U	1100	41000		470	350 U	350 U	350 U	11000	350 U	350 U		1250 U	350 U	68000	1300	490	350 U	500 U
	Primary Sample	03/06/1999	1900	350 U	500	20000		350 U	350 U	350 U	350 U	4800	350 U	350 U		1250 U	350 U	42000	510	640	350 U	500 U
	Primary Sample	07/16/1999	2700	350 U	780	32000		380	350 U	350 U	350 U	8600	350 U	350 U		1250 U	350 U	54000	1000	810	350 U	500 U
	Primary Sample	06/26/2000	2400	125 U	630	35000		380	125 U	125 U	125 U	7600		125 U		625 U	125 U	48000	840	770	125 U	350 U
	Primary Sample	02/03/2001	1100	500 U	550	17000	5000 U	270 J	500 U	350 U	500 U	4600	500 U	500 U	3500 U	500 U	500 U	44000	590	550	1000 U	500 U
	Primary Sample	07/19/2001	2200	200 U	840	32000	2000 U	390	200 U	100 U	140 J	7900	200 U	200 U	1000 U	200 U	200 U	73000	960	140 J	400 U	350
	Field Duplicate	07/19/2001	2200	200 U	820	34000	2000 U	410	200 U	100 U	100 J	7800	200 U	200 U	1000 U	200 U	200 U	75000	940	140 J	400 U	220
	Primary Sample	03/25/2002	670	620 U	440 J	16000	6200 U	620 U	620 U	310 U	620 U	3800	620 U	620 U	3100 U	620 U	620 U	43000	520 J	1400	1200 U	620 U
	Primary Sample	03/27/2003	96 J	100 U	75 J	4000	1000 U	46 J	100 U	50 U	100 U	910	100 U	100 U	500 U	100 U	100 U	9600	110	1500	200 U	100 U
	Primary Sample	02/24/2004	140 J	500 U	220 J	10000	5000 U	500 U	500 U	350 U	500 U	2400	500 U	500 U	3500 U	500 U	500 U	23000	290 J	960	1000 U	500 U

RUBICON

BOE-C6-0011549

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cumene	Ethylbenzene	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
WCC_04S	Primary Sample	11/02/1987	14			360					2								2	700		
	Primary Sample	11/12/1987	35			1200														690		
	Primary Sample	07/13/1989	11		3	U 170		3	U		3	U 10						3	U 3	U 270		
	Primary Sample	08/23/1989	7		5	U 260		5	U		5	U 15						5	U 5	U 410		
	Primary Sample	11/18/1991	20			1000														2200		
	Primary Sample	06/17/1992	35	U	35	U 920	150	U 35	U		35	U 35	U			50	U	35	U 35	U 1500		
	Primary Sample	09/23/1992	20	10	U 10	U 1400	50	U 10	U 10	U 10	U 10	10	U 10	U 10	U 50	U 20	10	U 10	U 10	U 1900	10	U 10
	Primary Sample	12/08/1992	20	10	U 10	U 1000	50	U 10	U 10	U 10	U 10	10	10	U 10	U 50	U 50	10	U 10	U 10	U 1600	10	U 10
	Primary Sample	03/17/1993	14	2	U 8	810	10	U 6		5	U 5	8	2	U 2	U 10	U 10	U 2	U 2	U 5	1200	5	U 2
	Primary Sample	06/08/1993	12	20	U 10	U 1300	200	U 10	U 10	U 10	U 10	U 10	10	U 10	U 200	U 40	U 10	U 10	U 10	U 1800	10	U 10
	Primary Sample	08/25/1993	10	U 20	U 10	U 1100	200	U 10	U 10	U 10	U 10	U 10	U 10	U 10	U 200	U 20	U 10	U 10	U 10	U 1400	10	U 10
	Primary Sample	11/19/1993	8	8	U 17	610	80	U 4		4	U 4	U 4	U 6	4	U 4	U 80	U 20	U 4	U 9	5	4	U 4
	Primary Sample	03/24/1994	8.8	8	U 5.8	1100	80	U 6.4		4	U 4	U 5.1	8.7	4	U 4	U 80	U 20	U 4	U 4	U 7.2	980	4	U 4
	Primary Sample	06/14/1994	5.1	8	U 4.	U 800	80	U 4	U 4	U 4	U 4.	U 7.1	4	U 4	U 80	U 20	U 4	U 4	U 5.2	940	4	U 12
	Primary Sample	09/09/1994	20	U 40	U 20	U 1000	400	U 20	U 20	U 20	U 20	U 20	U 20	U 20	U 400	U 100	U 20	U 20	U 20	U 1300	20	U 60
	Primary Sample	12/22/1994	10	U 20	U 10	U 670	200	U 10	U 10	U 10	U 10	U 10	U 10	U 10	U 200	U 50	U 10	U 10	U 10	U 750	10	U 20
	Primary Sample	03/14/1995	4.9	8	U 9.8	400	80	U 4	U 4	U 4	U 4	U 4.9	4	U 4	U 80	U 20	U 4	U 4	U 4	U 450	4	U 8
	Primary Sample	06/13/1995	6.6	U 13	U 8.6	1100	130	U 7.1		6.6	U 6.6	U 6.6	U 7.9	6.6	U 6.6	U 130	U 33	U 6.6	U 6.6	U 6.6	U 1100	6.6	U 6.6
	Primary Sample	09/07/1995	6.4	5	U 8.1	910	10	U 13		5	U 5	U 6.5	10	5	U 5	U 10	U 5	U 5	U 9.2	1200	5	U 5
	Primary Sample	13/15/1995	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
	Primary Sample	03/04/1996		5	U 5	U 710	10	U 5	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
	Primary Sample	06/07/1996	5	U 5	U 5	U 740	10	U 5	U 5	U 5	U 5	U 5	U 5		5	U 10	U 5	U 5	U 5	U 5	U 850	5	U 5
	Primary Sample	09/19/1996	35	U 35	U 35	U 980	350	U 35	U 120	U 35	U 35	U 35	U 35	35	U 350	U 35	U 35	U 35	U 35	U 35	U 960	35	U 35
	Primary Sample	13/18/1996		35	U 35	U 780	350	U 35	U 120	U 35	U 35	U 35	U	35	U 350	U 35	U 35	U 35	U 35	U 35	U 960	35	U 35
	Primary Sample	05/08/1997	12	U 12	U 12	U 1000	120	U 12	U 62	U 12	U 12	U 12	U 12	U 12	U 120	U 12	U 12	U 12	U 14	1100	12	U 12
	Primary Sample	07/08/1997	35	U 35	U 35	U 1300	350	U 35	U 120	U 35	U 35	U 35	U 35	U 35	U 350	U 35	U 35	U 35	U 35	U 1200	35	U 35
	Primary Sample	07/24/1997	35	U 35	U 35	U 940	350	U 35	U 120	U 35	U 35	U 35	U 35	U 35	U 350	U 35	U 35	U 35	U 35	U 1200	35	U 35
	Primary Sample	08/05/1997	35	U 35	U 35	U 1000	350	U 35	U 120	U 35	U 35	U 35	U 35	U 35	U 350	U 35	U 35	U 560	35	U 1000	35	U 35
	Primary Sample	08/22/1997	35	U 35	U 35	U 1200	350	U 35	U 120	U 35	U 35	U 35	U 35	U 35	U 350	U 35	U 35	U 35	U 35	U 1200	35	U 35
	Primary Sample	09/05/1997	35	U 35	U 35	U 1100	350	U 35	U 120	U 35	U 35	U 35	U 35	U 35	U 350	U 35	U 35	U 35	U 35	U 1000	35	U 35
	Primary Sample	09/17/1997	35	U 35	U 35	U 960	350	U 35	U 120	U 35	U 35	U 35	U 35	U 35	U 350	U 35	U 35	U 35	U 35	U 1100	35	U 35
	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
	Primary Sample	10/21/1998	5	U 11	19	1100		5	U 5	U 5	U 6	11	5	U 5	U	35	U 5	U 5	U 11	970	5	U 10
	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
	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
	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
	Primary Sample	01/24/2001	50	U 50	U 50	U 2000	500	U 50	U 50	U 35	U 50	U 50	U 50	U 50	U 350	U 50	U 50	U 50	U 15	J 1100	100	U 50
	Primary Sample	03/26/2002	35	U 35	U 35	U 1600	350	U 35	U 35	U 12	U 35	U 22	J 35	U 35	U 120	U 35	U 35	U 12	J 15	J 1000	50	U 35
	Primary Sample	03/24/2004	10	U 10	U 2.6	J 500	100	U 10	U 10	U 5	U 10	U 21	10	U 10	U 50	U 10	U 10	U 10	U 8	J 380	20	U 10
WCC_05S	Primary Sample	11/30/1987	1			7												1				
	Primary Sample	01/08/1988	10			4																
	Primary Sample	07/13/1989	13	1	U 1.	U 3	5	U 1	U 1	U 1	U 1	U 6		1	U 5	U 1	U 1	U 1	U 1	U 1	U 1	U 1
	Field Duplicate	07/13/1989	12		1	U 3		1	U		1	U 6						1	U 1	U 5	U	
	Primary Sample	08/23/1989	12	1	U 1	U 1	U 5.	U 1	U 1	U 1	U 1	U 4		1	U 5	U 1	U 1	U 1	U 1	U 1	U 1	U 5
	Primary Sample	11/19/1991	5	U 5	U 5	U 20	10	U 1	U 5	U 5	U 5	U 5	U	5	U 10	U 15	5	U 7	5	U 8	5	U 5
	Primary Sample	05/15/1992	5	U 5	U 5	U 28	30	U 5	U 5	U 5	U 5	U 5	U	5	U 10	U 5	U 5	U 5	U 5	U 7		5
	Primary Sample	09/21/1992	1	U 1	U 1	U 21	5	U 1	U 1	U 1	U 1	U 1	U	1	U 5	U 8	1	U 1	U 1	U 5	1	U 1
	Primary Sample	12/07/1992	1	U 1	U 1	U 21	5.	U 1	U 1	U 1	U 1	U 1	U	1	U 5	U 3	1	U 1	U 1	U 5	1	U 1
	Primary Sample	03/16/1993	2	U 2	U 2	U 18	10	U 2	U 2	U 2	U 2	U 2	U	2	U 10	U 10	U 2	U 2	U 2	U 4	2	U 2
	Primary Sample	06/07/1993	2	U 2	U 2	U 22	40	U 2	U 2	U 2	U 2	U 2	U 2	U 2	U 40	U 4	U 2	U 2	U 2	U 4	2	U 2
	Primary Sample	08/24/1993	2	U 4	U 2	U 23	40	U 2	U 2	U 2	U 2	U 2	U 2	U 2	U 40	U 4	U 2	U 2	U 2	U 5	2	U 2
	Primary Sample	11/18/1993	2	U 4	U 2	U 21	40	U 2	U 2	U 2	U 2	U 2	U	2	U 40	U 10	U 2	U 2	U 2	U 3	2	U 2
	Primary Sample	02/23/1994	2	U 4	U 2	U 20	40	U 2	U 4.	2	U 2	U 2	U	2	U 40	U 10	U 2	U 2	U 2	U 4	2	U 4
	Primary Sample	06/10/1994	2	U 4	U 2	U 35	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
	Field Duplicate	06/10/1994	2	U 4	U 2	U 35	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
	Primary Sample	09/08/1994	2	U 4	U 2	U 18	40	U 2	U 2	U 2	U 2	U 2	U	2	U 40	U 10	U 2	U 2	U 2	U 3.3	2	U 4
	Primary Sample	12/21/1994	2	U 4	U 2	U 18	40	U 2	U. 2	U 2	U. 2	U 2	U 2	U 2	U 40	U 10	U 2	U 2	U. 2	U 2.9	2	U 4
	Primary Sample	03/13/1995	2	U 4	U 2	U 14	40	U 2	U 2	U 2	U 2	U 2	U	2	U 40	U 10	U 2	U 2	U 2	U 2.8	2	U 4
	Primary Sample	06/12/1995	2	U 4	U 2	U 19	40	U 2	U 2.2	2	U 2	U 2	U	2	U 40	U 10	U 2	U 2	U 2	U 3.2	2	U 4
	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
	Primary Sample	13/12/1995	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
	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
	Primary Sample	02/29/1996	5	U 5	U 5	U 10	10	U 5	U 5	U 5	U 5	U 5	U	5	U 10	U 5	U 5	U 5	U 5	U 5	U 5	U 5
	Primary Sample	06/06/1996	5	U 5	U 5	U 9	10	U 5	U 5	U 5	U 5	U 5	U	5	U 10	U 5	U 5	U 5	U 5	U 5	U 5	U 5
	Primary Sample	09/18/1996	1	U 1	U 1	U 10	10	U 1	U 5	U 1	U 1	U 1	U 1.2	1	U 10	U 1	U 1	U 1	U 1	U 3.1	1	U 1
	Primary Sample	13/17/1996	1	U 1	U 1	U 10	10	U 1	U 5	U 1	U 1	U 1	U 2	1	U 10	U 1	U 1	U 1	U 1	U 2.4	1	U 1
	Primary Sample	05/07/1997	1	U 1	U 1	U 10	10	U 1	U 5	U 1	U 1	U 1	U 1.2	1	U 10	U 1	U 1	U 1	U 1	U 3.1	1	U 1
	Primary Sample	07/02/1997	1	U 1	U 1	U 11	10	U 1	U 5	U 1	U 1	U 1	U 1	U 1	U 10	U 1	U 1	U 1	U 1	U 2.1	1	U 1
	Primary Sample	07/23/1997	1	U 1	U 1	U 12	10	U 1	U 5	U 1	U 1	U 1	U 1	U 1	U 10	U 1	U 1	U 9.8	1	U 14	1	U 1
	Primary Sample	08/05/1997	1.2	1	U 1.	U 18	10	U 1	U 5	U 1	U 1.	U 1	1.2	1	U 10	U 1	U 1.	U 23	1	U 31	1	U 1
	Primary Sample	08/20/1997	1	U 1	U 1	U 12	10	U 1	U 5	U 1	U 1	U 1	U 1	U 1	U 10	U 1	U 1	U 1	U 1	U 2.1	1	U 1
	Primary Sample	09/04/1997	1.6	1	U 1	U 19	10	U 1	U 5	U 1	U 1	U 1.6	1	U 1	U 10	U 1	U 1	U 33	1	U 32	1	U 1
	Primary Sample	09/16/1997	1.8	1	U 1	U 19.	10	U 1	U 5	U 1	U 1	U 1.5	1	U 1	U 10	U 1	U 1	U 38	1	U 40	1	U 1
	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
	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
	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
	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
	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
	Primary Sample	01/23/2001	1	U 1	U 1	U 5.4	10	U 1	U 1	U 0.5	U 1	U 1	U 1	U 1	U 5	U 1	U 1	U 2.8	1	U 1.7	0.52	J 1
	Primary Sample	02/21/2002	1	U 1	U 1	U 6.2	10	U 1	U 1	U 0.5	U 0.76	J 1	U 1	U 1	U 5	U 1	U 0.42	J 5.5	1	U 1.8	0.61	J 1
	Primary Sample	09/16/2002	1	U 1	U 1	U 5.8	10	U 1	U 1	U 0.5	U 1	U 1	U 1	U 1	U 5	U 1	U 0.34	J 3	1	U 1.5	0.86	J 1
	Primary Sample	03/25/2003	1	U 1	U 1.6	7.4	10	U 1	U 1	U 0.5	U 1	U 1.3	1	U 1	U 5	U 1	U 1	U 1	U 1	U 3.6	0.32	J 1
	Primary Sample	09/23/2003	1	U 1	U 1	U 4.7	10	U 1	U 1	U 0.5	U 1	U 1	U 1	U 1	U 5	U 1	U 0.34	J 0.92	J 1	U 1.3	0.7	J 1
	Primary Sample	02/22/2004	1	U 1	U 1	U 5.9	10	U 1	U 1	U 0.5	U 0.51	J 1	U 1	U 1	U 5	U 1	U 0.4	J 1	U 1	U 1.5	1.2	J 1

RUBICON
Engineering Consultants

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		Acetone		Benzene		Carbon disulfide		Carbon tetrachloride		Chloroform		cis-1,2-Dichloroethene		Cumene		Ethylbenzene		Methyl ethyl ketone		Methylene chloride		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene		Trichloroethene		Trichlorofluoromethane		Xylenes, Total	
WCC_065	Primary Sample	09/20/2004	1	U	1	U	0.68	J	7.8		10	U	1	U	1	U	0.5	U	0.59	J	0.5	J	1	U	1	U	5	U	1	U	0.37	J	1	U	1	U	2.4		1.3	J	1	U
	Primary Sample	10/05/1989	130		4		4		210		5	U	1	U	1	U	1	U	1	U	12				1	U	5	U	5	U	1	U	1	U	7		140		1	U	1	U
	Primary Sample	11/16/1991	5000		1000	U	1000	U	5800		2000	U	200	U	1000	U	1000	U	1000	U	1000	U			1000	U	21000		1000	U	1000	U	35000		1000	U	3000		1000	U	1000	U
	Primary Sample	06/17/1992	2100		500	U	500	U	5400		2000	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
	Primary Sample	09/23/1992	1300		96		94		5900		78		67		1	U	1	U	20		200				5		3600		5		1	U	10000		170		3100		1	U	26	
	Primary Sample	12/09/1992	680		60		80		3700		300	U	80		50	U	50	U	50	U	200		50	U	50	U	2000		100		50	U	5000		100		2700		50	U	50	U
	Field Duplicate	12/09/1992	1400		100		100	U	5600		600	U	100	U	100	U	100	U	100	U	200		100	U	10	U	5000		200		10	U	10000		200		3200		100	U	100	U
	Primary Sample	03/17/1993	1200		10	U	50		3200		50	U	40		35	U	35	U	15		10	U			10	U	3800		50	U	10	U	10000		80		1400		35	U	20	
	Primary Sample	06/08/1993	1900		100	U	100	U	5500		2000	U	100	U	100	U	100	U	100	U	260				100	U	7800		200	U	100	U	21000		120		2100		100	U	100	U
	Primary Sample	08/25/1993	2100		200	U	100	U	5400		2000	U	100	U	100	U	100	U	100	U	630		100	U	100	U	7600		200	U	100	U	19000		130		1900		100	U	100	U
	Primary Sample	11/19/1993	440		10	U	42		2200		200	U	24		10	U	10	U	10	U	480				10	U	3100		50	U	10	U	4900		57		670		10	U	10	U
	Primary Sample	03/24/1994	2200		74		91		11000		230		52		10	U	10	U	21		1400				10	U	4400		50	U	10		20000		140		1800		10	U	58	
	Primary Sample	06/13/1994	1900		69		87		5800		200	U	52		10	U	10	U	18		1600		10	U	10	U	1400		50	U	10	U	12000		130		1400		50	U	51	
	Field Duplicate	06/13/1994	1500		200	U	100	U	6300		2000	U	100	U	10	U	100	U	100	U	1400		10	U	100	U	2000	U	500	U	100	U	13000	U	100		1300		100	U	300	U
	Primary Sample	12/22/1994	1300		200	U	200	U	9100		4000	U	200	U	200	U	200	U	200	U	3500				200	U	4000	U	1000	U	200	U	16000		200	U	1900		200	U	200	U
	Primary Sample	03/14/1995	200		20	U	38		3000		400	U	35		20	U	20	U	20	U	850				20	U	400	U	100	U	20	U	2300		60		930		20	U	20	U
	Primary Sample	06/13/1995	810		60		130		9800		400	U	82		20	U	20	U	28		4200				20	U	400	U	100	U	20	U	8400		180		510		20	U	20	U
	Primary Sample	09/07/1995	370		48		55		4300		10	U	50		5	U	5	U	14		2400				5	U	12		5	U	5	U	2900		83		620		5	U	21	
	Field Duplicate	09/07/1995	310		1		70		3800		10	U	56		5	U	5	U	19		2200		5	U	5	U	11		5	U	5	U	3500		99		520		5	U	1	
	Primary Sample	13/16/1995	1400		76		120		1100				66		2	U	2	U	28		2600		2	U	5				2		2	U	4900		160		2000		2	U	28	
	Primary Sample	03/04/1996	1600		61		93		8300		100	U	56		50	U	50	U	50	U	2000				50	U	200	U	50	U	50	U	3900		140		2000		50	U	50	U
	Primary Sample	06/07/1996	1700		53		88		9300		50	U	54		35	U	35	U	35	U	3000				35	U	960		35	U	35	U	6500		120		2400		35	U	35	U
	Primary Sample	09/19/1996	890		350	U	350	U	8800		3500	U	350	U	1200	U	350	U	350	U	1800				350	U	3500	U	350	U	350	U	4000		350		2000		350	U	350	U
	Field Duplicate	09/19/1996	950		100	U	110		8600		1000	U	100	U	500	U	100	U	100	U	1600		100	U	100	U	1000	U	100	U	100	U	4300		160		2200		100	U	100	U
	Primary Sample	13/19/1996	680		100	U	100	U	7000		1000	U	100	U	500	U	100	U	100	U	880		100	U	100	U	1000	U	100	U	100	U	2600		110		2200		100	U	100	U
	Field Duplicate	13/19/1996	820		100	U	100	U	8300		1000	U	100	U	500	U	100	U	100	U	1000		100	U	100	U	1000	U	100	U	100	U	3000		130		2600		100	U	100	U
	Primary Sample	05/09/1997	720		100	U	100	U	6800		1000	U	100	U	500	U	100	U	100	U	1100		100	U	100	U	1000	U	100	U	100	U	1800		100	U	1900		100	U	100	U
	Field Duplicate	05/09/1997	740		100	U	100	U	7000		1000	U	100	U	500	U	100	U	100	U	1200		100	U	100	U	1000	U	100	U	100	U	1800		120		2000		100	U	100	U
	Primary Sample	07/08/1997	410		100	U	100	U	3600		1000	U	100	U	500	U	100	U	100	U	540		100	U	100	U	1000	U	100	U	100	U	2400		100	U	950		100	U	100	U
	Primary Sample	07/24/1997	320		100	U	100	U	2700		1000	U	100	U	500	U	100	U	100	U	510		100	U	100	U	1000	U	100	U	100	U	1600		100	U	820		100	U	100	U
	Primary Sample	08/05/1997	630		100	U	100	U	7700		1000	U	100	U	500	U	100	U	100	U	1400		100	U	100	U	1000	U	100	U	100	U	3100		110		2100		100	U	100	U
	Primary Sample	09/18/1997	500		100	U	100	U	5500		1000	U	100	U	500	U	100	U	100	U	910		100	U	100	U	1000	U	100	U	100	U	1800		100	U	1600		100	U	100	U
	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	35	U
	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
	Primary Sample	03/05/1999	300		50	U	110		9500				51		50	U	50	U	50	U	510		50	U	50	U			350	U	50	U	760		140		5000		50	U	100	U
	Primary Sample	07/16/1999	390		50	U	94		7300				50	U	50	U	50	U	50	U	1000		50	U	50	U			350	U	50	U	860		130		3000		50	U	100	U
	Primary Sample	06/26/2000	1600		35	U	76		5300				43		35	U	35	U	35	U	2000				35	U			125	U	35	U	4700		91		1500		35	U	50	U
	Primary Sample	01/22/2001	770		100	U	79	J	4600		1000	U	100	U	100	U	50	U	100	U	1300		100	U	100	U	500	U	100	U	100	U	1200		120		1700		200	U	100	U
	Primary Sample	07/19/2001	540		14		74				50	U	27		5	U	2.5	U	14		990		5	U	7.6		35	U	5	U	5	U	360		110		1900		10	U	38	
	Primary Sample	03/26/2002	780		120	U	190		10000		1200	U	68	J	120	U	62	U	40	J	4100		120	U	120	U	620	U	120	U	120	U	3500		200		2000		350	U	120	U
	Primary Sample	03/25/2003	210		120	U	230		9400		1200	U	67	J	120	U	62	U	38	J	4900		120	U	120	U	620	U	120	U	120	U	7700		200		400		350	U	120	U
	Primary Sample	03/24/2004	36	J	100	U	140		5100		1000	U	38	J	100	U	50	U	100	U	2600		100	U	100	U	500	U	100	U	100	U	4600		120		360		200	U	100	U
WCC_075	Primary Sample	07/13/1989	110				10	U	850				10	U					10	U	26						50	U					10	U	11		1300					
	Primary Sample	08/23/1989	66				30	U	1100				30	U					30	U	31						100	U					30	U	30	U	1400					
	Primary Sample	11/18/1991	50	U	50	U	50	U	390		100	U	10	U	50	U	50	U	50	U	50	U			50	U	100	U	100	U	50	U	50	U	50	U	1200		50	U	50	U
	Primary Sample	05/17/1992	5	U	5	U	5	U	230		30	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	560		5	U	5	U
	Primary Sample	09/23/1992	5	U	5	U	5	U	140		30	U	5	U	5	U	5	U	5	U	5	U			5	U	30	U	10		5	U	5	U	5	U	570		5	U	5	U
	Primary Sample	12/08/1992	5	U	5	U	5	U	140		30	U	5	U	5	U	5	U	5	U	5	U			5	U	30	U	10		5	U	5	U	5	U	430		5	U	5	U
	Primary Sample	03/17/1993	2	U	2	U	2	U	77		10	U	2	U	5	U	5	U	2	U	4				2	U	10	U	10	U	2	U	2	U	2	U	200		5	U	2	U
	Primary Sample	06/07/1993	2	U	4	U	2	U	120		40	U	2	U	2	U	2	U	2	U	4				2	U	40	U	4	U	2	U	2	U	2	U	330		2	U	2	U
	Primary Sample	08/25/1993	4	U	8	U	4	U	70		80	U	4	U	4	U	4	U	4	U	8		4	U	4	U	80	U	31		4	U	4	U	4	U	210		4	U	4	U
	Primary Sample	11/19/1993	2	U	4	U	2	U	56		40	U	2	U	2	U	2	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	130		2	U	2	U
	Primary Sample	03/24/1994	2	U	4	U	2	U	75		40	U	2	U	2	U	2	U	2	U	2.5				2	U	40	U	10	U	2	U	2	U	2	U	140		2	U	2	U
	Primary Sample	06/13/1994	2	U	4	U	2	U	58		40	U	2	U	2	U	2	U	2	U	2.5				2	U	40	U	10	U	2	U	2	U	2	U	110		2	U	2	U
	Primary Sample	09/08/1994	2	U	4	U	13		50		40	U	2	U	2	U	2	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	350		2	U	2	U
	Primary Sample	12/22/1994	2	U	4	U	2	U	94		40	U	2	U	2	U	2	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	94		2	U	2	U
	Primary Sample	03/14/1995	2	U	4	U	2	U	53		40	U	2	U	2	U	2	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	84		2	U	2	U
	Primary Sample	06/13/1995	2	U	4	U	2	U	110		40	U	2	U	8.7		2	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	230		2	U	2	U
	Field Duplicate	06/13/1995	2	U	4	U	2	U	98		40	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	220		2	U	4	U
	Primary Sample	09/07/1995	5	U	5	U	5	U	150		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	200		5	U	5	U
	Primary Sample	13/15/1995	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
	Primary Sample	02/01/1996	5	U	5	U	5	U	91		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	120		5	U	5	U
	Primary Sample	06/07/1996	5	U	5	U	5	U	100		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	130		5	U	5	U
	Primary Sample	09/19/1996	2	U	2	U	2	U	120		20	U	2	U	10	U	2	U	2	U	2	U			2	U	20	U	2	U	2	U	2	U	2	U	150		2	U	2	U
	Primary Sample	13/18/1996	2	U	2	U	2	U	99		20	U	2	U	10	U	2	U	2	U	2	U			2	U	20	U	2	U	2	U	2	U	2	U	130		2	U	2	U
	Primary Sample	05/08/1997	2.5	U	2.5	U	2.5	U	120		35	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	2.5	U	2.5	U	140		2.5	U	2.5	U
	Primary Sample	07/02/1997	2	U	2	U	2	U	130		20	U	2	U	10	U	2	U	2	U	2	U	2	U	2	U	20	U	2	U	2	U	2	U	2	U	150		2	U	2	U
	Primary Sample	07/24/1997	2	U	2	U	2	U	67		20	U	2	U	10	U	2	U	2	U	2	U	2	U	2	U	20	U	2	U	2	U	8		2	U	130		2	U	2	U
	Primary Sample	08/05/1997	2	U	2	U	2	U	130		20	U	2	U	10	U	2	U	2	U	2	U	2	U	2	U	20	U	2	U	2	U	18		2	U	160		2	U	2	U
	Primary Sample	08/21/1997	2	U	2	U	2	U	120		20	U	2	U	10	U	2	U	2	U	2	U	2	U	2	U	20	U	2	U	2	U	2	U	2	U	140		2	U	2	U
	Primary Sample	09/04/1997	2.5	U	2.5	U	3.1		120		35	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	17		2.5	U	150		2.5	U	2.5	U
	Primary Sample	09/17/1997	2.5	U	2.5	U	2.5	U	110		35	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	21		2.5	U	160		2.5	U	2.5	U
	Primary Sample	09/28/1998	1.35	U	1.7		1.4		300				1.35	U	1.35	U	1.35	U	1.35	U	1.35	U	1.35	U	1.35	U			6.35	U	1.35	U	1.35	U	1.35	U	350		1.35	U	2.5	U
	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
	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
	Primary Sample	07/14/1999	1	U	1	U	1	U	32				1	U	1	U	1	U	1	U	0.3		1	U	1	U			5	U	1	U	1	U	1	U	120		1	U	2	U
	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
	Primary Sample	01/24/2001	2.5	U	1.3	J	2.5	U	130		35	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
	Primary Sample	01/24/2001	5	U	5	U	5	U	200		50	U	5	U	5	U	2.5	U	5	U	5	U	5	U	5	U	35	U	5	U	5	U	9		5	U	140		10	U	5	U
	Primary Sample	03/25/2002	2	U	1.5	J	0.87	J	120		20	U	2	U	2	U	1		2	U	5	U	2	U	2	U	10	U	2	U	2	U	0.72	J	2	U	100		4	U	2	U
	Primary Sample	03/28/2003	2.5	U	1.4	J	1	J	170		35	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

RUBICON
Engineering Consultants

Historical VOC Groundwater Quality Data

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

Object Name	Sample Type	Date	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform	cis-1,2-Dichloroethene	Cumene	Ethylbenzene	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Xylenes, Total
WCC_08S	Primary Sample	07/13/1989	160	5	U 5	U 430	30	U 5	U 5	U 5	U 5	U 7		10	U 30	U 30	U 5	U 5	U 9	240	5	U 5
	Primary Sample	08/23/1989	130	5	U 5	U 820	30	U 5	U 5	U 5	U 5	U 7		10	U 30	U 30	U 5	U 5	U 5	U 430	5	U 5
	Primary Sample	11/15/1991	400	125	U 125	U 2600	350	U 35	U 125	U 125	U 125	U 125	U	125	U 350	U 125	U 125	U 125	U 125	U 3000	350	U 125
	Primary Sample	06/17/1992	180	35	U 35	U 2200	150	U 35	U 35	U 35	U 35	U 35	U	35	U 50	U 35	U 35	U 35	U 35	U 2400		35
	Field Duplicate	06/17/1992	180		50	U 2300	300	U 50	U		50	U 50	U		100	U		50	U 50	U 2600		
	Primary Sample	09/23/1992	200	20	U 20	U 2800	100	U 20	U 20	U 20	U 20	20	U	5	U 100	U 40	20	U 20	U 20	3100	20	U 20
	Primary Sample	13/08/1992	100	20	U 20	U 2000	100	U 20	20	20	U 20	20		20	U 100	U 30	20	U 20	U 30	3500	20	U 20
	Primary Sample	03/17/1993	180	2	U 11	1800	10	U 15	5	U 5	U 10	15		2	U 10	U 10	U 2	U 2	U 26	1500	5	U 2
	Primary Sample	06/08/1993	300	40	U 20	U 3000	400	U 20	U 20	U 20	U 20	U 20	U	2	U 400	U 100	U 20	U 20	U 40	2000	20	U 20
	Primary Sample	08/25/1993	330	40	U 20	U 3100	400	U 20	U 20	U 20	U 20	U 20	U 20	U 20	U 400	U 40	U 20	U 20	U 45	2200	20	U 20
	Primary Sample	11/19/1993	330	40	U 20	U 3300	400	U 24	20	U 20	U 20	U 20	U	2	U 400	U 100	U 20	U 20	U 50	2000	20	U 20
	Primary Sample	02/24/1994	20	U 40	U 20	U 1800	400	U 39	20	U 20	U 20	U 33		2	U 400	U 100	U 20	U 20	U 21	2700	20	U 20
	Primary Sample	06/13/1994	290	80	U 40	U 4100	800	U 40	U 40	U 40	U 40	U 40	U	40	U 800	U 200	U 40	U 40	U 44	2200	40	U 40
	Primary Sample	09/09/1994	280	100	U 50	U 4600	1000	U 50	U 50	U 50	U 50	U 50	U	50	U 1000	U 350	U 50	U 50	U 50	U 3100	50	U 100
	Primary Sample	12/22/1994	230	80	U 20	U 4000	400	U 35	20	U 20	U 20	U 20	U	20	U 400	U 100	U 20	U 20	U 43	2100	20	U 20
	Primary Sample	03/14/1995	220	80	U 40	U 4500	800	U 40	U 40	U 40	U 40	U 40	U	40	U 800	U 200	U 40	U 40	U 41	2600	40	U 80
	Primary Sample	06/13/1995	150	40	U 40	U 4200	800	U 40	U 40	U 40	U 40	U 40	U	40	U 800	U 200	U 40	U 40	U 40	U 2400	40	U 40
	Primary Sample	09/07/1995	110	5	U 10	2200	10	U 22	5	U 5	U 9	15	5	U 5	U 10	U 5	U 5	U 5	U 28	1700	5	U 5
	Primary Sample	13/15/1995	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
	Primary Sample	03/01/1996	120	20	U 20	U 3500	40	U 20	U 20	U 20	U 20	U 20	U	20	U 40	U 20	U 20	U 20	U 40	2100	20	U 20
	Field Duplicate	03/01/1996	120	20	U 20	U 3600	40	U 20	U 20	U 20	U 20	U 20	U 20	U 20	U 40	U 20	U 20	U 20	U 41	2200	20	U 40
	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
	Primary Sample	09/19/1996	59	50	U 50	U 3400	500	U 50	U 350	U 50	U 50	U 50	U	50	U 500	U 50	U 50	U 50	U 50	U 1900	50	U 50
	Primary Sample	11/19/1996	330	40	U 20	U 3300	400	U 24	20	U 20	U 20	U 20	U 20	U 20	U 400	U 100	U 20	U 20	U 50	2000	20	U 20
	Primary Sample	13/18/1996	61	50	U 50	U 3000	500	U 50	U 350	U 50	U 50	U 50	U	50	U 500	U 50	U 50	U 50	U 50	U 2000	50	U 50
	Primary Sample	03/08/1997	50	U 50	U 50	U 2600	500	U 50	U 350	U 50	U 50	U 50	U 50	U 50	U 500	U 50	U 50	U 50	U 51	1600	50	U 50
	Primary Sample	07/08/1997	50	U 50	U 50	U 3200	500	U 50	U 350	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
	Primary Sample	07/24/1997	50	U 50	U 50	U 3500	500	U 50	U 350	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
	Primary Sample	08/05/1997	2.5	U 2.5	U 2.5	U 130	25	U 2.5	U 12	U 2.5	U 2.5	U 2.5	U 2.5	U 2.5	U 35	U 2.5	U 2.5	U 18	2.5	U 160	2.5	U 2.5
	Primary Sample	08/22/1997	50	U 50	U 50	U 2800	500	U 50	U 350	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
	Primary Sample	09/05/1997	50	U 50	U 50	U 3500	500	U 50	U 350	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
	Primary Sample	09/17/1997	50	U 50	U 50	U 2600	500	U 50	U 350	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
WCC_09S	Primary Sample	10/06/1989	1	U 1	U 1	U 1	U 5	U 1	U 1	U 1	U 1	U 7		1	U 5	U 1	U 1	U 1	U 1	U 15	1	U 1
	Primary Sample	11/19/1991	5	U 5	U 5	U 5	U 10	U 1	U 5	U 5	U 5	U 5	U	5	U 10	U 5	U 5	U 5	U 5	U 5	U 5	U 5
	Primary Sample	06/15/1992	5	U 5	U 5	U 7	30	U 5	U 5	U 5	U 5	U 5	U	5	U 10	U 5	U 5	U 5	U 5	U 42	5	U 5
	Primary Sample	09/21/1992	1	U 1	U 1	U 6	5	U 1	U 1	U 1	U 6	2		1	U 5	U 10	1	U 1	U 1	U 45	1	U 1
	Primary Sample	12/07/1992	1	U 1	U 1	U 10	5	U 1	U 1	U 1	U 12	1	U	1	U 5	U 3	1	U 1	U 1	U 51	1	U 1
	Primary Sample	03/16/1993	2	U 2	U 5	U 6	10	U 2	U 5	U 5	U 11	3		5	U 10	U 10	U 2	U 2	U 5	U 23	2	U 2
	Primary Sample	06/07/1993	2	U 4	U 2	U 11	40	U 2	U 2	U 2	U 18	2	U	2	U 40	U 4	U 2	U 2	U 2	U 42	2	U 2
	Field Duplicate	06/07/1993	2	U 4	U 2	U 11	40	U 2	U 2	U 2	U 17	20	U 2	U 2	U 40	U 4	U 2	U 2	U 20	U 39	2	U 2
	Primary Sample	08/24/1993	2	U 4	U 2	U 5	40	U 2	U 2	U 2	U 2	U 4	2	U 2	U 40	U 4	U 2	U 2	U 2	U 26	2	U 2
	Primary Sample	11/18/1993	2	U 4	U 2	U 5	40	U 2	U 2	U 2	U 7	2	U	2	U 40	U 10	U 2	U 2	U 2	U 43	2	U 2
	Primary Sample	02/23/1994	2	U 4	U 2	U 4	U 40	U 2	U 2	U 2	U 4	2	2	U 2	U 40	U 10	U 2	U 2	U 2	U 31	2	U 2
	Primary Sample	06/10/1994	2	U 4	U 2	U 4	U 40	U 2	U 2	U 2	U 2.5	4.4		2	U 40	U 20	U 2	U 2	U 2	U 28	2	U 2
	Primary Sample	09/08/1994	2	U 4	U 2	U 4	U	2	U 2	U 2	U 4.1	2.7		2	U 40	U 10	U 2	U 2	U 2	U 38	2	U 2
	Primary Sample	12/21/1994	2	U 4	U 2	U 4	U 40	U 2	U 2	U 2	U 3	3.1		2	U 40	U 10	U 2	U 2	U 2	U 22	2	U 2
	Field Duplicate	12/21/1994	2	U 4	U 2	U 4	U 40	U 2	U 2	U 2	U 3.1	3.3	2	U 2	U 40	U 10	U 2	U 2	U 2	U 26	2	U 4
	Primary Sample	03/13/1995	2	U 4	U 2	U 7	40	U 2	U 2	U 2	U 8.4	2	U	2	U 40	U 10	U 2	U 2	U 2	U 56	2	U 2
	Primary Sample	06/12/1995	2	U 4	U 2	U 4	U 40	U 2	U 2	U 2	U 6.4	2	U	2	U 40	U 10	U 2	U 2	U 2	U 23	2	U 2
	Field Duplicate	06/12/1995	2	U 4	U 2	U 4	U 40	U 2	U 2	U 2	U 6	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 21	2	U 4
	Primary Sample	09/06/1995	5	U 5	U 5	U 11	10	U 5	U 5	U 5	U 19	5	U 5	U 5	U 10	U 5	U 5	U 5	U 5	U 64	5	U 5
	Primary Sample	13/12/1995	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
	Primary Sample	02/29/1996	5	U 5	U 5	U 5	U 10	U 5	U 5	U 5	U 5	U 5	U	5	U 10	U 5	U 5	U 5	U 5	U 17	5	U 5
	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
	Primary Sample	09/18/1996	1	U 1	U 1	U 2.2	10	U 1	U 5	U 1	U 3.9	2.9	1.1	1	U 10	U 1	U 1	U 1	U 1	U 17	1	U 1
	Primary Sample	13/17/1996	1	U 1	U 1	U 2.8	10	U 1	U 5	U 1	U 3.5	2.8	1.5	1	U 10	U 1	U 1	U 1	U 1	U 18	1	U 1
	Primary Sample	03/07/1997	1	U 1	U 1	U 2	10	U 1	U 5	U 1	U 3.5	3	1	1	U 10	U 1	U 1	U 1	U 1	U 16	1	U 1
	Primary Sample	07/02/1997	1	U 1	U 1	U 4	10	U 1	U 5	U 1	U 1	U 1.9	1	U 1	U 10	U 1	U 1	U 1	U 6.7	29	1	U 1
	Primary Sample	07/23/1997	1	U 1	U 1	U 8	10	U 1	U 5	U 1	U 1	U 2	1	U 1	U 10	U 1	U 1	U 12	7.6	43	1	U 1
	Primary Sample	08/05/1997	1	U 1	U 1	U 10	10	U 1	U 5	U 1	U 8.2	2.6	1	U 1	U 10	U 1	U 1	U 20	1	U 51	1	U 1
	Field Duplicate	08/05/1997	1	U 1	U 1	U 4	10	U 1	U 5	U 1	U 1	U 1.3	1	U 1	U 10	U 1	U 1	U 16	1	U 20	1	U 1
	Primary Sample	08/20/1997	1	U 1	U 1	U 6	10	U 1	U 5	U 1	U 1	U 2	1	U 1	U 10	U 1	U 1	U 1	U 9	31	1	U 1
	Primary Sample	09/04/1997	1	U 1	U 1	U 10	10	U 1	U 5	U 1	U 1	U 2.4	1	U 1	U 10	U 1	U 1	U 24	8.2	48	1	U 1
	Primary Sample	09/16/1997	1	U 1	U 1.3	10	10	U 1	U 5	U 1	U 1	U 2.4	1	U 1	U 10	U 1	U 1	U 29	8.1	58	1	U 1
	Field Duplicate	09/16/1997	1.4	1	U 1	U 11	10	U 1	U 5	U 1	U 8	2.4	1	U 1	U 10	U 1	U 1	U 30	1	U 59	1	U 1
	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
	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
	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
	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
	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
	Primary Sample	01/19/2001	1	U 1	U 1.3		10	U 1	U 1	U 0.5	U 6.8	1	U 1	U 1	U 5	U 1	U 1	U 8.7	1	U 73	0.54	J 1
	Primary Sample	02/22/2002	1	U 1	U 1.4	5.3	10	U 1	U 1	U 0.5	U 24	3.1	1	U 1	U 5	U 1	U 1	U 0.42	J 1	U 52	0.54	J 1
	Primary Sample	03/26/2003	1	U 1	U 1.1	3.7	10	U 1	U 1	U 0.5	U 12	3.2	1	U 1	U 5	U 1	U 0.31	J 1	U 1	U 29	0.4	J 1
	Primary Sample	02/23/2004	1	U 1	U 1.9	4.5	10	U 1	U 1	U 0.5	U 9.2	5.1	1	U 1	U 5	U 1	U 0.55	J 1	U 1	U 56	0.92	J 1

RUBICON
Engineering Corporation

Table 6

Historical VOC Groundwater Quality Data

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

Object Name	Sample Type	Date	1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		Acetone		Benzene		Carbon disulfide		Carbon tetrachloride		Chloroform	
WCC_10S	Primary Sample	07/13/1989	1	U			1	U	2				1	U					3	
	Field Duplicate	07/13/1989	1	U			1	U	1				1	U					3	
	Primary Sample	08/23/1989	1	U			1	U	4				1	U					4	
	Primary Sample	11/20/1991																		
	Primary Sample	06/16/1992	5	U			5	U	10		35		5	U					5	U
	Primary Sample	09/21/1992	1	U	1	U	1	U	9		5	U	1	U	1	U	1		4	
	Field Duplicate	09/21/1992	1	U	1	U	1	U	9		5	U	1	U	1	U	1		4	
	Primary Sample	13/08/1992	1	U	1	U	1	U	8		5	U	1	U	1	U	1	U	5	
	Primary Sample	03/16/1993	5	U	5	U	5	U	9		10	U	2	U	5	U	5	U	6	
	Primary Sample	06/07/1993	2	U	2	U	2	U	13		40	U	2	U	2	U	2	U	4	
	Primary Sample	08/25/1993	2	U	4	U	2	U	4	U	40	U	2	U	2	U	2	U	2	U
	Primary Sample	11/19/1993	2	U	4	U	2	U	9		40	U	2	U	2	U	2	U	2	
	Primary Sample	02/23/1994	2	U	4	U	2	U	10		4	U	2	U	2	U	2	U	5	
	Primary Sample	06/10/1994	2	U	4	U	2	U	17		40	U	2	U	2	U	2	U	4	
	Primary Sample	09/08/1994	2	U	4	U	2	U	17		40	U	2	U	2	U	2	U	2	U
	Primary Sample	12/22/1994	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	3.1	
	Field Duplicate	12/22/1994	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	3.1	
	Primary Sample	03/13/1995	2	U	4	U	2	U	19		40	U	2	U	2	U	2	U	2.2	
	Field Duplicate	03/13/1995	2	U	4	U	2	U	19		40	U	2	U	2	U	2	U	2.2	
	Primary Sample	06/12/1995	2	U	4	U	2	U	20		40	U	2	U	17		2	U	2.3	
	Primary Sample	09/06/1995	5	U	5	U	5	U	27		10	U	5	U	14		5	U	5	U
	Primary Sample	13/16/1995	2	U	2	U	2	U	23		2	U	10		2	U	2	U	4	
	Primary Sample	03/01/1996	5	U	5	U	5	U	20		10	U	5	U	5	U	5	U	5	U
	Primary Sample	06/06/1996	5	U	5	U	5	U	22		10	U	5	U	5	U	5	U	5	U
	Primary Sample	09/19/1996	2	U	2	U	22		5	U	20	U	2	U	2	U	2	U	2.5	
	Primary Sample	05/07/1997	2.5	U	2.5	U	2.5	U	29		35	U	2.5	U	12	U	2.5	U	3.2	
	Primary Sample	07/02/1997	2	U	2	U	2	U	35		20	U	2	U	10	U	2	U	2.5	
	Primary Sample	07/23/1997	2	U	2	U	2	U	26		20	U	2	U	10	U	2	U	2.8	
	Field Duplicate	07/23/1997	2	U	2	U	2	U	26		20	U	2	U	10	U	2	U	2.9	
	Primary Sample	08/05/1997	2.5	U	2.5	U	2.5	U	30		35	U	2.5	U	12	U	2.5	U	2.6	
	Primary Sample	08/21/1997	2	U	2	U	2	U	35		20	U	2	U	10	U	2	U	2.6	
	Primary Sample	09/04/1997	2.5	U	2.5	U	2.5	U	28		35	U	2.5	U	12	U	2.5	U	2.7	
	Primary Sample	09/17/1997	2.5	U	2.5	U	2.5	U	29		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	03/02/1999	0.5	U			0.5	U	29				0.5	U					2.5	
	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	
	Primary Sample	07/14/1999	1	U	1.2		1	U	190				1	U	1	U	1	U	1	U
	Primary Sample	06/22/2000	0.5	U	0.5	U	0.94		34				0.5	U	0.5	U	1.3		2.8	
	Primary Sample	01/18/2001	2.5	U	2.5	U	2.5	U			35	U	2.5	U	2.5	U	1.2	U	1.5	J
WCC_11S	Primary Sample	11/15/1991	5	U	5	U	5	U	10		10	U	1	U	5	U	5	U	5	U
	Primary Sample	06/16/1992	5	U	5	U	5	U	21		10	U	5	U	5	U	5	U	5	U
	Primary Sample	09/21/1992	1	U	1	U	1	U	17		5	U	1	U	1	U	1	U	1	U
	Primary Sample	13/08/1992	1	U	1	U	1	U	13		5	U	1	U	1	U	1	U	5	U
	Primary Sample	03/16/1993	2	U	2	U	2	U	35		10	U	2	U	5	U	5	U	2	U
	Primary Sample	06/07/1993	2	U	4	U	2	U	16		40	U	2	U	2	U	2	U	2	U
	Primary Sample	08/24/1993	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	2	U
	Primary Sample	11/19/1993	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	2	U
	Field Duplicate	11/19/1993	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	2	U
	Primary Sample	02/23/1994	2	U	4	U	2	U	16		40	U	2	U	2	U	2	U	2	U
	Primary Sample	06/10/1994	2	U	2	U	2	U	16		40	U	2	U	2	U	2	U	2	U
	Primary Sample	09/08/1994	2	U	4	U	2	U	20		40	U	2	U	2	U	2	U	2	U
	Field Duplicate	09/08/1994	2	U	4	U	2	U	19		40	U	2	U	2	U	2	U	2	U
	Primary Sample	12/21/1994	5.7		4	U	2	U	26		40	U	2	U	2	U	2	U	2	U
	Primary Sample	03/13/1995	2	U	4	U	2	U	16		40	U	2	U	2	U	2	U	2	U
	Primary Sample	06/12/1995	2	U	4	U	2	U	22		40	U	2	U	2	U	2	U	2	U
	Primary Sample	09/06/1995	5	U	5	U	5	U	31		10	U	5	U	5	U	5	U	5	U
	Field Duplicate	09/06/1995	5	U	5	U	5	U	30		10	U	5	U	5	U	5	U	5	U
	Primary Sample	13/15/1995	2	U	2	U	2	U	34				2	U	2	U	2	U	2	U
	Primary Sample	03/01/1996	5	U	5	U	5	U	30		10	U	5	U	5	U	5	U	5	U
	Primary Sample	06/06/1996	5	U	5	U	5	U	28		10	U	5	U	5	U	5	U	5	U
	Field Duplicate	06/06/1996	5	U	5	U	5	U	29		10	U	5	U	5	U	5	U	5	U
	Primary Sample	09/19/1996	5	U	5	U	5	U	22		50	U	5	U	35	U	5	U	5	U
	Primary Sample	13/18/1996	2	U	2	U	2	U	28		20	U	2	U	10	U	2	U	2	U
	Primary Sample	05/08/1997	2.5	U	2.5	U	2.5	U	33		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	07/02/1997	2	U	2	U	2	U	29		20	U	2	U	10	U	2	U	2	U
	Primary Sample	07/24/1997	2.5	U	2.5	U	2.5	U	31		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	08/05/1997	2.5	U	2.5	U	2.5	U	33		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	08/21/1997	2.5	U	2.5	U	2.5	U	30		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	09/04/1997	2.5	U	2.5	U	2.5	U	29		35	U	2.5	U	12	U	2.5	U	2.5	U
	Field Duplicate	09/04/1997	2.5	U	2.5	U	2.5	U	28		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	09/17/1997	2.5	U	2.5	U	2.5	U	29		35	U	2.5	U	12	U	2.5	U	2.5	U
	Primary Sample	09/28/1998	2.1		1	U	1	U	51				1	U	1	U	1	U	1	U
	Primary Sample	10/21/1998	1	U	1	U	1	U	35				1	U	1	U	1	U	1	U
	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
	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	
	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
	Primary Sample	01/23/2001	1	U	1	U	0.41	J	12		10	U	1	U	1	U	0.5	U	0.2	J
	Primary Sample	01/23/2001	1	U	1	U	0.45	J	13		10	U	1	U	1	U	0.5	U	0.22	J
	Primary Sample	02/22/2002	1	U	1	U	0.38	J	16		10	U	1	U	1	U	0.5	U	1	U
	Field Duplicate	02/22/2002	1	U	1	U	0.41	J	16		10	U	1	U	1	U	0.5	U	1	U

Object Name	Sample Type	Date	cis-1,2-Dichloroethene		Cumene		Ethylbenzene		Methyl ethyl ketone		Methylene chloride		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene		Trichloroethene		Trichlorofluoromethane		Xylenes, Total	
WCC_10S	Primary Sample	07/13/1989	1	U					5	U					1	U	1	U	86					
	Field Duplicate	07/13/1989	1	U											1	U	1	U	87					
	Primary Sample	08/23/1989	1	U					5	U					1	U	1	U	81					
	Primary Sample	11/20/1991							10	U									87					
	Primary Sample	06/16/1992	5	U					10	U					5	U	5	U	120					
	Primary Sample	09/21/1992	1	U	1	U	1	U	5	U	8		1	U	1	U	1	U	120		1	U	1	U
	Field Duplicate	09/21/1992	1	U	1	U	1	U	5	U	8		1	U	1	U	1	U	110		1	U	1	U
	Primary Sample	13/08/1992	1	U	1	U	1	U	5	U	3		1	U	1	U	1	U	110		1	U	1	U
	Primary Sample	03/16/1993	5	U	5	U	5	U	10	U	10	U	5	U	5	U	5	U	130		5	U	5	U
	Primary Sample	06/07/1993	2	U	2	U	2	U	40	U	4	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	08/25/1993	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	11/19/1993	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	82		2	U	2	U
	Primary Sample	02/23/1994	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	110		2	U	2	U
	Primary Sample	06/10/1994	2	U	2	U	2	U	40	U	20	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	09/08/1994	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	130		2	U	2	U
	Primary Sample	12/22/1994	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	99		2	U	2	U
	Field Duplicate	12/22/1994	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	99		2	U	4	U
	Primary Sample	03/13/1995	2	U	2	U	2	U	40	U	10	U	2.4		2	U	2	U	120		2	U	2	U
	Field Duplicate	03/13/1995	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	120		2	U	4	U
	Primary Sample	06/12/1995	2	U	2	U	2	U	40	U	10	U	2	U	2	U	2	U	140		2	U	2	U
	Primary Sample	09/06/1995	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	160		5	U	5	U
	Primary Sample	13/16/1995	2	U			2	U			2	U	2	U	2	U	2	U	135		2	U	2	U
	Primary Sample	03/01/1996	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	120		5	U	5	U
	Primary Sample	06/06/1996	5	U	5	U	5	U			5	U	5	U	5	U	5	U	140		5	U	5	U
	Primary Sample	09/19/1996	2	U			2	U	20	U	20	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	05/07/1997	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	2.5	U	2.5	U	160		2.5	U	2.5	U
	Primary Sample	07/02/1997	2	U	2	U	2	U	20	U	2	U	2	U	2	U	2	U	140		2	U	2	U
	Primary Sample	07/23/1997	2	U	2	U	2	U	20	U	2	U	2	U	10		2	U	150		2	U	2	U
	Field Duplicate	07/23/1997	2	U	2	U	2	U	20	U	2	U	2	U	10		2	U	150		2	U	2	U
	Primary Sample	08/05/1997	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	15		2.5	U	140		2.5	U	2.5	U
	Primary Sample	08/21/1997	2	U	2	U	2	U	20	U	2	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	09/04/1997	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	18		2.5	U	140		2.5	U	2.5	U
	Primary Sample	09/17/1997	2.5	U	2.5	U	2.5	U	35	U	2.5	U	2.5	U	23		2.5	U	150		2.5	U	2.5	U
	Primary Sample	03/02/1999	0.92												0.5	U	0.5	U	150					
	Primary Sample	04/08/1999	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
	Primary Sample	07/14/1999	1.3		1	U	1	U			5	U	1	U	1	U	1	U	200		1	U	1	U
	Primary Sample	06/22/2000	0.5	U			0.5	U			2.5	U	3		0.5	U	0.5	U	160		0.5	U	1	U
	Primary Sample	01/18/2001	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	Primary Sample	11/15/1991	5	U			5	U	10	U	5	U	5	U	5	U	5	U	80		5	U	5	U
	Primary Sample	06/16/1992	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	120		5	U	5	U
	Primary Sample	09/21/1992	2		1	U	1	U	5	U	9		1	U	1	U	1	U	140		1	U	1	U
	Primary Sample	13/08/1992	6				1	U	5	U	4		1	U	1	U	1	U	83		1	U	1	U
	Primary Sample	03/16/1993	4				2	U	10	U	10	U	2	U	2	U	2	U	160		2	U	2	U
	Primary Sample	06/07/1993	5				2	U	40	U	4	U	2	U	2	U	2	U	110		2	U	2	U
	Primary Sample	08/24/1993	4		2	U	2	U	40	U	4	U	2	U	2	U	2	U	97		2	U	2	U
	Primary Sample	11/19/1993	3				2	U	40	U	10	U	2	U	2	U	2	U	100		2	U	2	U
	Field Duplicate	11/19/1993	3		2	U	2	U	40	U	10	U	2	U	2	U	2	U	100		4	U	2	U
	Primary Sample	02/23/1994	4				2	U	40	U	10	U	2	U	2	U	2	U	100		2	U	2	U
	Primary Sample	06/10/1994	4.8				2	U	40	U	20	U	2	U	2	U	2	U	85		2	U	2	U
	Primary Sample	09/08/1994	4.8				2	U	40	U	10	U	2	U	2	U	2	U	140		2	U	2	U
	Field Duplicate	09/08/1994	5.9		2	U	2	U	40	U	10	U	2	U	2	U	2	U	120		2	U	6	U
	Primary Sample	12/21/1994	4.2				2	U	40	U	10	U	2	U	10		2	U	130		2	U	2	U
	Primary Sample	03/13/1995	5.6				2	U	40	U	10	U	2	U	2	U	2	U	100		2	U	2	U
	Primary Sample	06/12/1995	6				2	U	40	U	10	U	2	U	2	U	2	U	130		2	U	2	U
	Primary Sample	09/06/1995	5	U			5	U	10	U	5	U	5	U	5	U	5	U	190		5	U	5	U
	Field Duplicate	09/06/1995	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	200		5	U	5	U
	Primary Sample	13/15/1995	5				2	U			2	U	2	U	2	U	2	U	210		2	U	2	U
	Primary Sample	03/01/1996	5	U			5	U	10	U	5	U	5	U	5	U	5	U	170		5	U	5	U
	Primary Sample	06/06/1996	5	U			5	U	10	U	5	U	5	U	5	U	5	U	170		5	U	5	U
	Field Duplicate	06/06/1996	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	170		5	U	5	U
	Primary Sample	09/19/1996	5	U	5	U	5	U	50	U	5	U	5	U	5	U	5	U	150		5	U	5	U
	Primary Sample	13/18/1996	6.1		2	U	2	U	20	U	2	U	2	U	2	U	2	U	170		2	U	2	U
	Primary Sample	05/08/1997	5.1		2.5	U	2.5	U	35	U	2.5	U	2.5	U	2.5	U	2.5	U	170		2.5	U	2.5	U
	Primary Sample	07/02/1997	4.4		2	U	2	U	20	U	2	U	2	U	2	U	2	U	160		2	U	2	U
	Primary Sample	07/24/1997	4.9		2.5	U	2.5	U	35	U	2.5	U	2.5	U	10		2.5	U	150		2.5	U	2.5	U
	Primary Sample	08/05/1997	5.2		2.5	U	2.5	U	35	U	2.5	U	2.5	U	15		2.5	U	160		2.5	U	2.5	U
	Primary Sample	08/21/1997	5		2.5	U	2.5	U	35	U	2.5	U	2.5	U	2.5	U	2.5	U	150		2.5	U	2.5	U
	Primary Sample	09/04/1997	4.7		2.5	U	2.5	U	35	U	2.5	U	2.5	U	21		2.5	U	140		2.5	U	2.5	U
	Field Duplicate	09/04/1997	4.5		2.5	U	2.5	U	35	U	2.5	U	2.5	U	19		2.5	U	150		2.5	U	2.5	U
	Primary Sample	09/17/1997	4.9		2.5	U	2.5	U	35	U	2.5	U	2.5	U	19		2.5	U	160		2.5	U	2.5	U
	Primary Sample	09/28/1998	1	U	1	U	1	U			5	U	1	U	1	U	1	U	230		1	U	2	U
	Primary Sample	10/21/1998	2		1	U	1	U			5	U	1	U	1	U	1	U	140		1	U	2	U
	Primary Sample	03/04/1999	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
	Primary Sample	07/14/1999	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
	Primary Sample	06/22/2000	11				0.5	U			2.5	U	0.5	U	0.5	U	0.5	U	110		0.5	U	1	U
	Primary Sample	01/23/2001	8.5		1	U	1	U	5	U	1	U	1	U	2		1	U	60		2	U	1	U
	Primary Sample	01/23/2001	9		1	U	1	U	5	U	1	U	1	U	2.3		0.32	J	64		2	U	1	U
	Primary Sample	02/22/2002	14		1	U	1	U	5	U	1	U	1	U	6		1	U	72		2	U	1	U
	Field Duplicate	02/22/2002	14		1	U	1	U	5	U	1	U	1	U	4.3		1	U	73		2	U	1	U

RUBICON
Engineering Corporation

BOE-C6-0011553

Table 6

Historical VOC Groundwater Quality Data
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Object Name	Sample Type	Date	1,1,1-Trichloroethane		1,1,2-Trichloroethane		1,1-Dichloroethane		1,1-Dichloroethene		Acetone		Benzene		Carbon disulfide		Carbon tetrachloride		Chloroform		cis-1,2-Dichloroethene		Cumene		Ethylbenzene		Methyl ethyl ketone		Methylene chloride		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene		Trichloroethene		Trichlorofluoromethane		Xylenes, Total	
WCC_12S	Primary Sample	11/18/1991	50	U	50	U	50	U	300		100	U	10	U	50	U	50	U	50	U	50	U			50	U	100	U	50	U	50	U	50	U	50	U	900		50	U	50	U
	Primary Sample	06/16/1992	5	U	5	U	5	U	21		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	120		5	U	5	U
	Field Duplicate	06/16/1992	5	U			5	U	260		10	U	5	U					5	U	5	U					10	U					5	U	5	U	710					
	Primary Sample	09/22/1992	1		1	U	7		130		5	U	1	U	1	U	1	U	3		3				1	U	5	U	7		1	U	1	U	1	U	500		4		1	U
	Primary Sample	13/08/1992	5	U	5	U	5	U	160		30	U	5	U	5	U	5	U	5	U	5				5	U	30	U	20		5	U	5	U	5	U	550		5	U	5	U
	Primary Sample	03/17/1993	2	U	2	U	7		100		10	U	5	U	5	U	4	U	3		4				2	U	10	U	10	U	2	U	2	U	8		410		5	U	2	U
	Primary Sample	06/07/1993	2	U	2	U	2		130		40	U	2	U	2	U	2	U	2	U	5				4	U	40	U	4	U	2	U	2	U	2	U	370		2	U	2	U
	Primary Sample	08/25/1993	4	U	8	U	4	U	100		80	U	4	U	4	U	4	U	4	U	4	U	4	U	4	U	80	U	8	U	4	U	9		4	U	390		4	U	4	U
	Primary Sample	11/19/1993	2	U	2	U	9		45		40	U	2	U	2	U	2	U	2	U	2	U			2	U	40	U	4	U	2	U	2	U	2	U	220		2	U	2	U
	Primary Sample	02/24/1994	2	U	2	U	7.7		89		40	U	2	U	2	U	2	U	2	U	2.9				2	U	40	U	10	U	2	U	2	U	2	U	270		2	U	2	U
	Field Duplicate	02/24/1994	2	U	4	U	7.7		77		40	U	2	U	2	U	2	U	2	U	3.3		2	U	2	U	40	U	10	U	2	U	2	U	2	U	220		2	U	2	U
	Primary Sample	06/13/1994	2	U	2	U	15		84		40	U	2	U	2	U	2	U	2.2		2.6				2	U	40	U	10	U	2	U	2	U	2	U	270		2	U	2	U
	Primary Sample	09/09/1994	2	U	2	U	2	U	97		40	U	2	U	2	U	2	U	2	U	2	U			2	U	40	U	10	U	2	U	2	U	2	U	160		2	U	2	U
	Primary Sample	12/22/1994	2	U	2	U	17		52		40	U	2	U	2	U	2	U	2	U	2.1				2	U	40	U	10	U	2	U	2	U	2	U	190		2	U	2	U
	Primary Sample	03/14/1995	2	U	2	U	18		53		40	U	2	U	2	U	2	U	2.9		2	U			2	U	40	U	10	U	2	U	2	U	2	U	230		2	U	2	U
	Primary Sample	06/12/1995	2	U	2	U	28		72		40	U	2	U	2	U	2	U	3.2		2	U			2	U	40	U	10	U	2	U	2	U	2	U	330		2	U	2	U
	Primary Sample	09/05/1995	5	U	5	U	32		60		10	U	5	U	33		5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	300		5	U	5	U
	Primary Sample	13/15/1995	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
	Primary Sample	03/01/1996	5	U	5	U	13		47		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	150		5	U	5	U
	Primary Sample	06/07/1996	5	U	5	U	12		37		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	140		5	U	5	U
	Primary Sample	09/19/1996	2	U	2	U	15		48		10	U	2	U	5	U	5	U	2.2		2.5				2	U	10	U	10	U	2	U	2	U	2	U	150		5	U	2	U
	Primary Sample	13/18/1996	2	U	2	U	16		43		20	U	2	U	10	U	2	U	2		2.5		2	U	2	U	20	U	2	U	2	U	2	U	2	U	150		2	U	2	U
	Primary Sample	05/08/1997	2.5	U	2.5	U	16		47		25	U	2.5	U	12	U	2.5	U	2.5	U	2.6		2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	150		2.5	U	2.5	U
	Primary Sample	07/02/1997	2	U	2	U	14		38		20	U	2	U	10	U	2	U	2	U	2.4		2	U	2	U	20	U	2	U	2	U	2	U	2	U	130		2	U	2	U
	Field Duplicate	07/02/1997	2	U	2	U	14		38		20	U	2	U	10	U	2	U	2	U	2.4		2	U	2	U	20	U	2	U	2	U	2	U	2	U	130		2	U	2	U
	Primary Sample	07/23/1997	2	U	2	U	14		34		20	U	2	U	10	U	2	U	2	U	2.2		2	U	2	U	20	U	2	U	2	U	9.2		2	U	140		2	U	2	U
	Primary Sample	08/05/1997	2	U	2	U	14		42		20	U	2	U	10	U	2	U	2	U	2.8		2	U	2	U	20	U	2	U	2	U	20		2	U	140		2	U	2	U
	Primary Sample	08/21/1997	2	U	2.5	U	13		39		25	U	2	U	12	U	2.5	U	2		2.4		2.5	U	2.5	U	20	U	2.5	U	2.5	U	2	U	2	U	120		2.5	U	2.5	U
	Primary Sample	09/04/1997	2.5	U	2.5	U	18		37		25	U	2.5	U	12	U	2.5	U	2.5	U	2.9		2.5	U	2.5	U	25	U	2.7		4.7		20		2.5	U	130		2.5	U	2.5	U
	Primary Sample	09/17/1997	2.5	U	2.5	U	13		40		25	U	2.5	U	12	U	2.5	U	2.5	U	3		2.5	U	2.5	U	25	U	2.5	U	2.5	U	27		2.5	U	150		2.5	U	2.5	U
	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
	Primary Sample	09/23/1998	2.5	U	2.5	U	130		120				2.5	U	2.5	U	2.5	U	10		3.8		2.5	U	2.5	U	25	U	12.5	U	3.2		2.5	U	2.5	U	600		2.5	U	5	U
	Field Duplicate	09/23/1998	2.5	U			11		34				2.5	U					2.5	U	2.5	U					25	U					23		2.5	U	120					
	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
	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
	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
	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
	Primary Sample	01/22/2001	2.5	U	2.5	U	17		39		25	U	2.5	U	2.5	U	1.2	U	1.9	J	1.4	J	2.5	U	2.5	U	12	U	2.5	U	2.5	U	4.7		2.5	U	130		5	U	2.5	U
	Primary Sample	01/22/2001	2.5	U	2.5	U	18		40		25	U	2.5	U	2.5	U	1.2	U	2	J	1.4	J	2.5	U	2.5	U	12	U	2.5	U	2.5	U	4.9		2.5	U	130		5	U	2.5	U
WCC_12S	Primary Sample	03/25/2002	2	U	2	U	19		45		20	U	2	U	2	U	1	U	1.9	J	8.7		2	U	2	U	10	U	2	U	1.2	J	1.8	J	2	U	140		4	U	2	U
XMW_19	Primary Sample	03/21/2001	15		2	U	2	U	2	U	20	U	2	J	2	U	2	U	110		2	U	2	U	1.3	J	10	U	10		2	U	3.7	J	2	U	21		4.	U	1.4	J
	Primary Sample	02/22/2002	1	U	1	U	1	U	0.58	J	10	U	1	U	1	U	0.5	U	87		0.58	J	1	U	1	U	5	U	1	U	0.77	J	0.62	J	1	U	10		2	U	1	U
	Field Duplicate	03/28/2003	2	U	2	U	2	U	2	U	20	U	2	U	2	U	1	U	85		0.73	J	2	U	2	U	10	U	2	U	0.6	J	2	U	2	U	8.5		4	U	2	U
	Primary Sample	03/28/2003	2	U	2	U	2	U	0.7	J	20	U	2	U	2	U	1	U	85		0.75	J	2	U	2	U	10	U	2	U	2	U	2	U	2	U	8.7		4	U	2	U
	Primary Sample	02/22/2004	1	U	1	U	1	U	1.4		10	U	1	U	1	U	0.5	U	1	U	1	U	1	U	1	U	5	U	1	U	0.88	J	1	U	1	U	6.1		0.51	J	1	U
XMW-09	Primary Sample	01/29/2001	50	U	50	U	50	U	50	U	500	U	50	U	40	J	25	U	2400		50	U	50	U	50	U	250	U	50	U	59		50	U	50	U	50	U	100	U	50	U
	Primary Sample	03/21/2002	25	U	25	U	25	U	25	U	250	U	25	U	25	U	12	U	1400		25	U	25	U	25	U	120	U	25	U	55		25	U	25	U	30		50	U	25	U
	Primary Sample	03/25/2004	50	U	50	U	50	U	50	U	500	U	50	U	50	U	25	U	1900		50	U	50	U	50	U	250	U	50	U	68		50	U	50	U	32	J	100	U	50	U
XMW-18	Primary Sample	01/24/2001	25	U	25	U	25	U	20	J	250	U	25	U	25	U	12	U	9	J	25	U	25	U	25	U	120	U	25	U	25	U	25	U	25	U	1300		50	U	25	U
	Primary Sample	03/27/2002	12	U	12	U	12	U	14		120	U	12	U	12	U	6.2	U	7.5	J	12	U	12	U	12	U	62	U	12	U	12	U	12	U	12	U	1100		25	U	12	U

RUBICON
Engineering Corporation

Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
BL-03	03/26/02	7.77	115	7.58	3,300	23.4
	03/27/03	7.32	83	6.36	2,750	23.2
	03/23/04	3.66	121	7.1	2,970	23.1
	03/04/05	3.96	10	6.88	2,650	24.4
CMW001	10/09/03	2.59	-120	6.8	948	23.3
	03/23/04	0	-185	6.96	1,070	23.2
	09/24/04	0.3	-141	7.27	1,000	23.2
	12/21/04	3.58	-108	8.29	940	23.1
	01/05/05	0.52	-95.3		1,017	23.0
	03/03/05	0	-180	7.29	887	23.4
	03/18/05	0.17	-62.2		806	23.5
CMW002	10/08/03	2.17	51.4	6.91	788	23.0
	03/23/04	0	-29	7.28	980	22.8
	09/24/04	0.3	-49	7	600	23.5
	12/21/04	0.75	-56	6.78	888	23.1
	01/03/05	0.45	-6.6		875	22.5
	03/04/05	0	-82	6.83	88	23.1
	03/18/05	0.19	-56.7		699	22.6
CMW026	10/07/03	4.51	34	7.15	965	22.3
	03/24/04	2.24	-94	6.98	1,270	22.2
	05/21/04	0.3	26.4		1,016	21.6
	09/23/04	0.5	-126	6.19	1,420	23.1
	10/22/04	1.08	-86.7		123	22.7
	11/19/04	0.65	-202.7		384	24.0
	12/21/04	4.09	-114	7.56	1,580	22.6
	01/05/05	1.6	-13.8		72	22.3
	01/28/05	0.13	-108.7		459	22.6
	03/07/05	0	-149	6.42	1,610	22.6
	03/19/05	3.55	12.8		64	22.2
DAC-P1	03/27/02	5.77	82	7.16	2,000	23.4
	03/28/03	9.98	86	7.16	2,440	22.1
	09/24/03	5	66	6.91	22,000	23.1
	03/25/04	2.04	-72	6.88	179	23.3
	09/22/04	1.55	58	6.44	2,440	23.7
	03/04/05	1.28	52	7.02	2,480	24.4
IRZB0081	10/09/03	58.2	144.4	6.71	1,563	21.6
	10/22/04	3.71	-42.8		922	22.6
	12/14/04	1.78	-53		8,147	21.9
	01/05/05	1.34	-21.9		7,384	21.7
	01/14/05	27.9	6.5		4,755	22.4
	01/28/05	0.84	-43.1		4,803	21.7
	02/11/05	1.11	-92.9		4,088	21.7
	03/20/05	2.08	-68.2		5,309	22.1

Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
IRZB0095	10/07/03	5.62	83.7	7	1,435	23.1
	10/22/04	5.09	-47.1		661	22.2
	11/19/04	6.71	67.2		1,142	22.1
	12/14/04	4.88	-5.4		1,296	22.2
	01/05/05	2.6	-90.5		5,873	21.1
	01/14/05	20.6	-107.7		4,858	21.9
	01/28/05	2.12	-98.1		4,592	20.7
	02/11/05	2.37	-103.8		4,244	21.0
	03/20/05	3.54	-116.4		2,555	21.6
IRZCMW001	10/08/03	4.22	183	7.13	1,219	21.7
	10/12/04	2.46	-12		1,313	22.3
	11/18/04	1.52	46.9		1,117	24.2
	01/04/05	0.46	9		1,248	21.3
	03/19/05	0.13	-50.6		1,028	23.4
IRZCMW002	10/08/03	2.37	188.5	6.98	888	21.4
	10/12/04	1.1	-51		974	21.4
	01/05/05	0.86	146.5		912	21.3
	03/19/05	0.18	-169.5		709	22.5
IRZCMW003	10/07/03	2.73	133.5	7.2	951	22.8
	10/12/04	1.12	-7.5		969	22.3
	01/05/05	0.51	-45.8		907	21.5
	01/28/05	0.32	105.3		729	22.6
	03/19/05	0.18	-73.8		730	22.0
IRZMW001A	10/30/03	4.79	245.9	6.68	2,354	21.9
	05/21/04	2.67	47.4		2,595	25.3
	10/12/04	1.17	-31.6		2,538	21.0
	10/22/04	0.33	-10.1		2,339	25.6
	11/18/04	1.49	33.1		2,048	27.1
	01/04/05	0.38	21.9		2,345	24.2
	01/27/05	0.27	64.8		1,893	22.8
	03/19/05	0.27	-77.9		1,994	26.1
IRZMW001B	10/30/03	6.2	159.6	6.83	1,254	21.8
	05/21/04	6.84	78.3		1,278	23.7
	10/12/04	2.23	5.6		1,042	21.4
	10/22/04	3.99	53.7		1,168	22.7
	11/18/04	6.63	125		953	24.2
	01/04/05	6.13	40.6		1,111	21.3
	01/27/05	4.73	94.9		919	22.6
	03/19/05	5.36	11.1		982	24.4

Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
IRZMW002A	10/30/03	3.14	-140.7	6.8	1,852	22.1
	05/21/04	0.89	52.5		2,038	22.1
	10/12/04	1.11	-54.1		2,760	21.5
	10/21/04	0.15	-107.4		2,860	23.5
	11/18/04	2.19	-102.7		2,220	25.8
	01/04/05	0.88	-26.6		2,389	21.3
	01/27/05	0.72	19.3		1,882	22.2
	03/19/05	0.79	-24.1		1,865	22.0
IRZMW002B	10/30/03	4.1	110.3	6.78	1,125	21.7
	05/21/04	4.19	45.5		1,204	24.0
	10/12/04	1.27	8.6		1,254	21.5
	10/21/04	25.47	-34.3		1,325	25.5
	11/18/04	4.64	48.3		1,067	24.1
	01/04/05	4.03	32.7		1,234	21.5
	01/27/05	3.35	63.4		1,047	22.3
	03/19/05	0.22	-36.6		1,253	24.0
IRZMW003A	10/31/03	4.03	210.3	6.77	1,761	25.7
	10/12/04	1.08	-8.9		3,107	21.6
	01/04/05	0.51	-19.2		2,196	24.7
	01/27/05	0.29	123.2		1,747	24.7
	03/19/05	0.51	-45.4		1,512	24.7
IRZMW003B	10/31/03	4.98	280.4	6.82	1,154	23.3
	10/12/04	3.93	-10.6		1,276	22.7
	01/04/05	4.2	54.2		1,223	22.0
	01/27/05	4.58	111.2		974	22.7
	03/19/05	3.68	16.9		961	23.2
IRZMW004	10/07/03	4.76	152.9	7	1,449	22.5
	10/12/04	2.52	-40.9		1,337	24.1
	12/14/04	4.17	-28.6		1,473	23.7
	01/05/05	3.48	16.6		1,453	23.6
	01/14/05	46	109.7		1,213	23.2
	02/11/05	2.58	178		1,102	21.7
	03/20/05	1.21	-130.7		1,149	23.0
IRZMW005	10/09/03	60.8	40.8	7.13	1,591	21.6
	05/21/04	5.73	89.6		1,546	21.7
	10/12/04	1.27	-20		1,972	24.9
	10/22/04	0.41	-105.7		1,954	24.1
	11/19/04	0.81	-19.7		1,747	24.8
	12/14/04	0.6	-42.7		1,818	23.6
	01/05/05	0.18	-158.1		2,281	23.5
	01/14/05	1	-109.8		1,885	24.9
	01/28/05	0.14	-154.3		1,972	23.1
	02/11/05	0.57	-172.2		2,214	22.4
	03/20/05	0.13	-120.6		2,204	24.0

Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
MW0005	03/25/04	0	107	6.62	1,780	22.7
	09/24/04	3.2	84	6.8	1,900	23.1
	03/07/05	0.19	-60	6.85	2,450	23.4
MWB012	05/06/04	0.12	147	6.69	1,560	23.9
	07/16/04	2.9	49	6.36	1,430	23.7
	09/22/04	2.37	-121	8.08	1,790	23.1
	12/21/04	6.02	59	8.11	1,540	22.4
	03/03/05	5.68	80	6.87	1,970	22.5
MWB013	05/07/04	4.393	93	7.39	2,310	24.3
	07/15/04	2.25	86	4.29	46	27.3
	09/20/04	3.07	36	7.04	2,240	23.4
	12/20/04	6.55	89	8.32	2,590	23.0
	03/01/05	3.18	23	7.02	2,230	23.2
MWB014	05/07/04	1.86	83	7.12	951	23.1
	07/15/04	1.8	75	8.53	550	24.5
	09/22/04	0.95	37	6.58	942	23.3
	12/20/04	3.52	-9	8.12	778	22.0
	03/02/05	1.36	74	6.78	1,240	22.0
MWB019	05/07/04	3.67	163	7.71	330	24.3
	07/15/04	375	187	7.52	2,650	23.1
	09/21/04	3.53	165	7.41	3,300	24.1
	12/20/04	4.65	67	7.51	3,330	23.3
	03/02/05	3.79	63	6.76	2,850	23.2
MWC015	05/06/04	0	13	6.77	921	24.1
	07/16/04	0	-108	6.5	873	22.9
	09/23/04	0.7	-234	7.45	740	23.2
	12/21/04	1.1	-69	6.92	840	22.6
	03/07/05	0	15	7.14	762	22.4
MWC016	05/06/04	11.61	86	7.13	1,210	23.2
	07/16/04	8.05	207	8.22	1,180	22.6
	09/23/04	8.51	166	8.13	1,150	23.1
	12/21/04	7.02	43	8.47	1,140	22.5
	03/04/05	6.34	184	7.02	1,240	22.4
MWC017	05/07/04	3.6	121	8.31	1,000	24.0
	07/16/04	5.56	112	7.92	736	22.8
	09/22/04	1.94	-138	6.81	779	23.4
	12/21/04	1.67	-237	6.97	784	23.6
	03/02/05	2.79	-178	7.17	786	22.8
MWC021	05/07/04	0.18	10	7.41	798	25.9
	07/15/04	0	-41	8.13	807	22.7
	09/21/04	0	-182	6.61	869	23.3
	12/20/04	2.43	-241	8.36	825	23.0
	03/01/05	2.64	-254	7.58	910	23.0

Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
TMW_01	09/18/02	2.98	63	7.32	3,340	23.6
	03/27/03	6.62	80	6.65	5,370	23.5
	09/24/03	3.63	36	6.71	4,880	22.8
	03/25/04	0	81	6.38	5,860	23.2
	09/23/04	0.91	254	6.52	1,000	23.2
TMW_02	03/28/03	11.59		6.94	2,690	22.8
	09/24/03	0	-202	6.6	3,340	22.7
	03/25/04	0	-169	6.88	3,260	23.4
	09/24/04	0	-155	6.5	5,700	24.0
TMW_04	09/18/02	6.17	82	7.43	1,960	24.8
	03/27/03	5.1	113	6.58	1,410	22.4
	09/24/03	5.13	108	7	1,650	22.7
	03/25/04	0	99	6.7	1,720	23.6
	09/23/04	0.51	23	6.3	1,720	23.9
TMW_05	09/18/02	4.57	71	7.53	1,310	23.8
	03/28/03	10.46	152	7.58	650	21.8
TMW_06	09/18/02	4.52	89	7.5	1,930	22.8
	03/26/03	6.07	120	7.42	1,610	22.8
	09/24/03	4.75	38	7.02	1,720	22.2
	03/23/04	0.42	65	6.74	1,650	23.2
	09/22/04	1.6	107	7.96	1,800	22.3
	03/02/05	3.2	67	7.19	1,280	23.0
TMW_07	09/18/02	3.78	90	7.5	1,920	24.4
	03/27/03	6.06	151	6.61	1,610	23.5
	09/24/03	3.22	92	7.01	1,820	24.6
	03/24/04	1.13	83	7.14	1,910	23.7
	09/23/04	1.3	172	7.84	1,920	31.0
TMW_08	03/28/03	12.51		7.06	1,650	23.1
	03/25/04	0	-168	6.52	1,830	23.9
TMW_09	03/26/03	5.66	124	7.45	1,520	23.6
	03/24/04	0	22	9.8	1,620	23.7
TMW_10	09/16/02	4.45	50	7.33	1,890	24.7
	03/26/03	5.34	66	7.08	1,570	23.5
	09/23/03	3.92	50	7.03	1,760	23.4
	03/22/04	2.18	64	7.22	1,920	23.2
	09/21/04	1.74	54	6.03	1,840	23.7
	03/01/05	1.58	6	7.17	2,060	24.5
TMW_11	09/17/02	2.76	63	7.08	1,920	25.1
	03/26/03	4.46	54	7.05	1,650	23.7
	09/23/03	2.34	30	6.82	1,920	24.2
	03/23/04	0.79	83	6.98	1,970	24.0
	09/21/04	1.15	-2	6.51	1,650	26.0
	03/01/05	1.13	25	6.84	2,000	25.7

Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
TMW_14	09/16/02	5.64	79	7.06	3,370	24.7
	03/26/03	5.57	64	6.97	3,400	23.8
	09/23/03	5.59	78	6.7	3,900	23.2
	03/22/04	53	62	6.46	4,710	24.0
	09/21/04	1.08	38	6.6	3,310	23.5
	03/01/05	2.81	64	6.79	4,030	23.7
TMW_15	09/17/02	4.49	-5	7.44	1,400	24.9
	03/26/03	4.34	7	7.22	1,170	24.3
	09/23/03	3.02	-82	7.11	1,310	23.3
	03/22/04	0	-80	6.8	1,120	24.0
	09/20/04	0.46	29	6.72	1,200	24.3
	09/22/04	0.89	30	6.64	1,340	24.5
	03/02/05	3.05	29	7.17	1,330	24.3
WCC_03S	03/25/02	0.1	-182	6.61	2,860	23.9
	03/27/03	4.99	-85	6.51	1,350	26.6
	03/24/04	0	-184	6.77	1,990	23.1
WCC_04S	03/26/02	8.13	35	7.9	2,560	23.5
	03/26/02	5.35	42	7.9	2,500	23.5
	03/26/02	3.63	-11	7.98	1,990	23.5
	03/24/04	0	-53	9.33	1,750	23.6
	03/07/05	0	-97	7.03	3,090	23.9
WCC_05S	03/21/02	4.86	61	6.98	1,370	23.2
	09/16/02	5.02	74	7.05	1,930	23.6
	03/25/03	3.65	38	7.35	1,130	23.1
	09/23/03	4.73	103	6.86	1,790	22.8
	03/22/04	1.78	81	7.04	1,840	23.4
	09/20/04	1.55	94	6.4	1,640	23.5
	03/01/05	0	-155	6.85	217	20.8
WCC_06S	03/26/02	2.12	-137	7.89	2,200	24.0
	03/25/03	3.16	-208	7.06	1,710	23.4
	03/24/04	0	-218	9.56	1,220	23.4
WCC_07S	03/25/02	4.03	55	7.16	1,230	23.5
	03/28/03	9.63	175	7.32	1,790	21.3
	03/03/05	2.92	77	6.84	1,610	23.1
WCC_09S	03/22/02	3.09	55	7.04	1,340	23.3
	03/26/03	4.15	15	7.29	1,580	23.1
	03/23/04	0.41	55	6.64	1,220	23.1
	03/02/05	4.08	48	7.3	1,160	23.3
WCC_12S	03/25/02	4.8	61	7.18	1,210	23.6
XMW-09	03/21/02	0.25	36	6.6	1,810	23.5
	03/25/04	0	53	6.86	2,090	23.1
	03/03/05	0	74	6.34	2,240	23.1

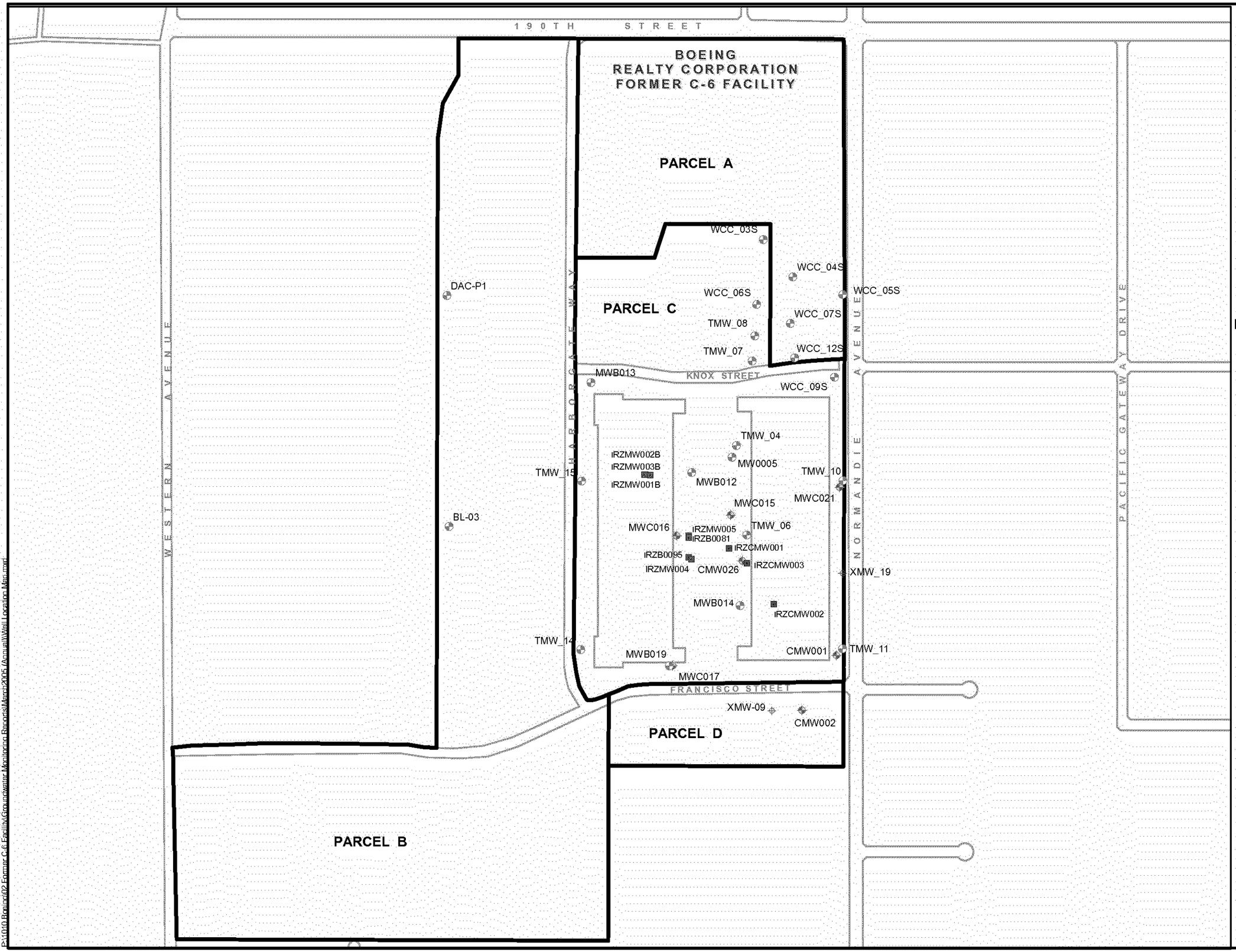
Table 7

Historical Monitored Natural Attenuation Parameters
Boeing Realty Corporation, Former C-6 Facility
Los Angeles, California

Well I.D.	Monitoring Date	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	pH	Conductivity (uS/cm)	Temperature (°C)
XMW_19	03/22/02	4.39	24	7.04	1,560	23.5
	03/28/03	12.38	142	7.29	1,650	23.6
	03/22/04	0.66	-4	6.86	19	23.5
	03/03/05	0	12	7.03	222	23.4

Figures

BOE-C6-0011562



N

SCALE

0 200 400 800 Feet

1:4,800

Legend

- C-Sand IRZ Bioremediation Monitoring Well
- B-Sand IRZ Bioremediation Monitoring Well
- Montrose Monitoring Well
- C-Sand Monitoring Well
- B-Sand Monitoring Well
- Parcel Boundary

FIGURE 1

WELL LOCATION MAP

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

RUBICON
Engineering Corporation

P:\1010 Boeing\02 Former C-6 Facility\Groundwater Monitoring Records\March2005 (Annual)\Well Location Map.mxd

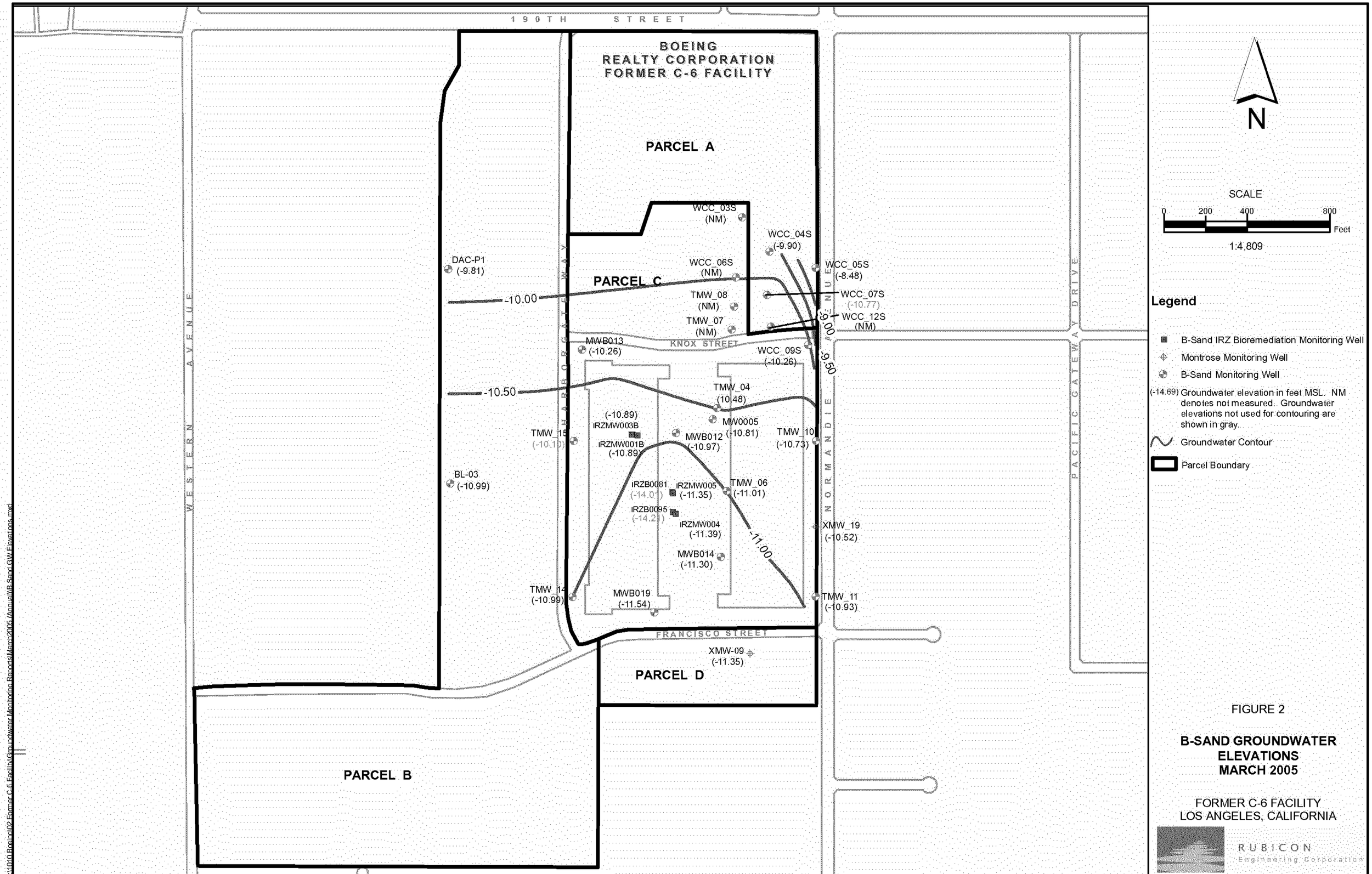


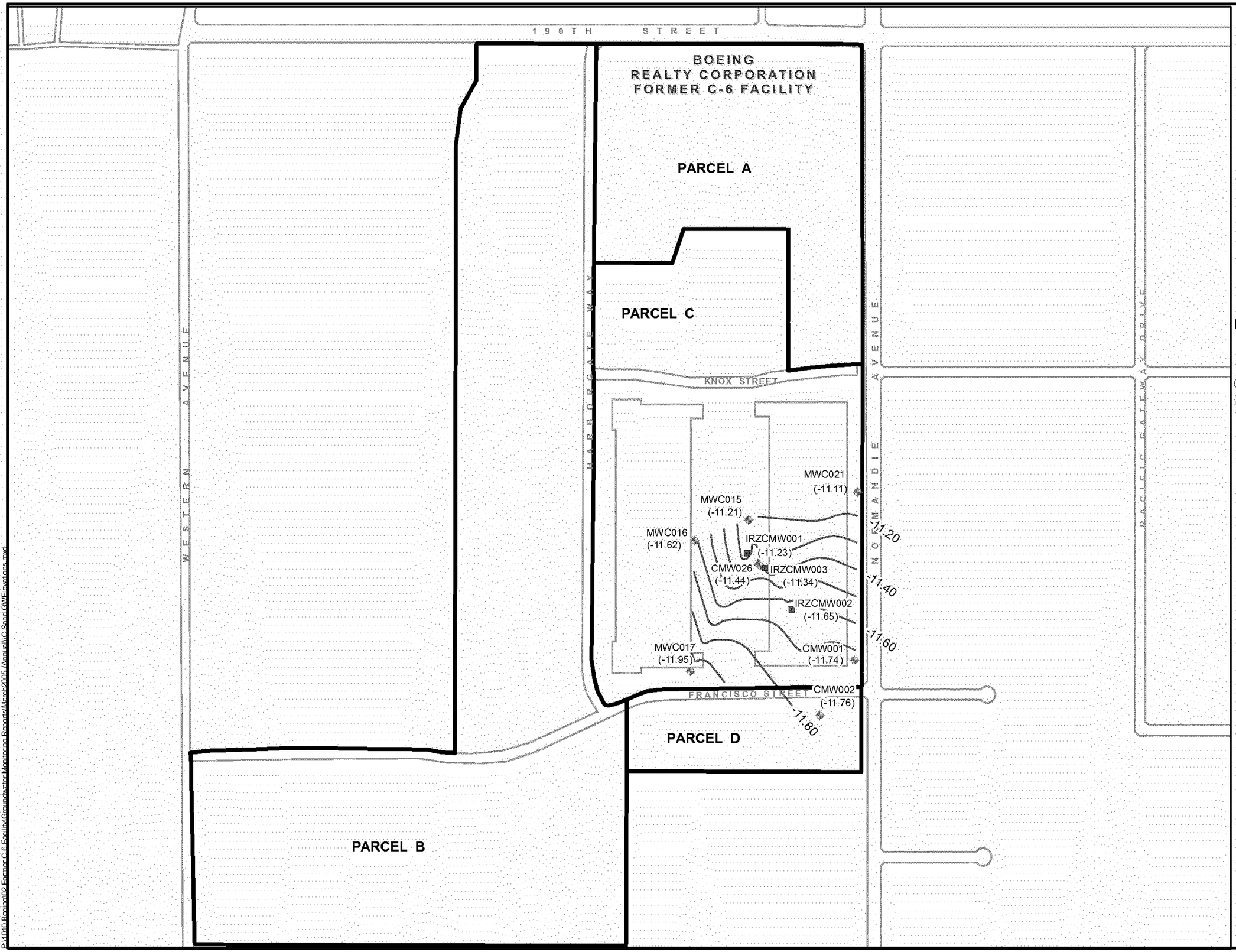
FIGURE 2

B-SAND GROUNDWATER ELEVATIONS MARCH 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

RUBICON Engineering Corporation

P:\1010 Boeing\02 Former C-6 Facility\Groundwater Monitoring Reports\March2005 (Annual)\B-Sand GW Elevations.mxd



N

SCALE

0 200 400 800 Feet

1:4,800

Legend

- C-Sand IRZ Bioremediation Monitoring Well
- C-Sand Monitoring Well
- (-11.22) Groundwater Elevation in feet MSL
- Groundwater Contour
- Parcel Boundary

FIGURE 3

C-SAND
GROUNDWATER ELEVATION MAP
MARCH 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

RUBICON
Engineering Corporation

P:\1010 Boeing\02 Former C-6 Facility\Groundwater Monitoring Reports\March 2005 Annual\C-Sand GWElevations.mxd

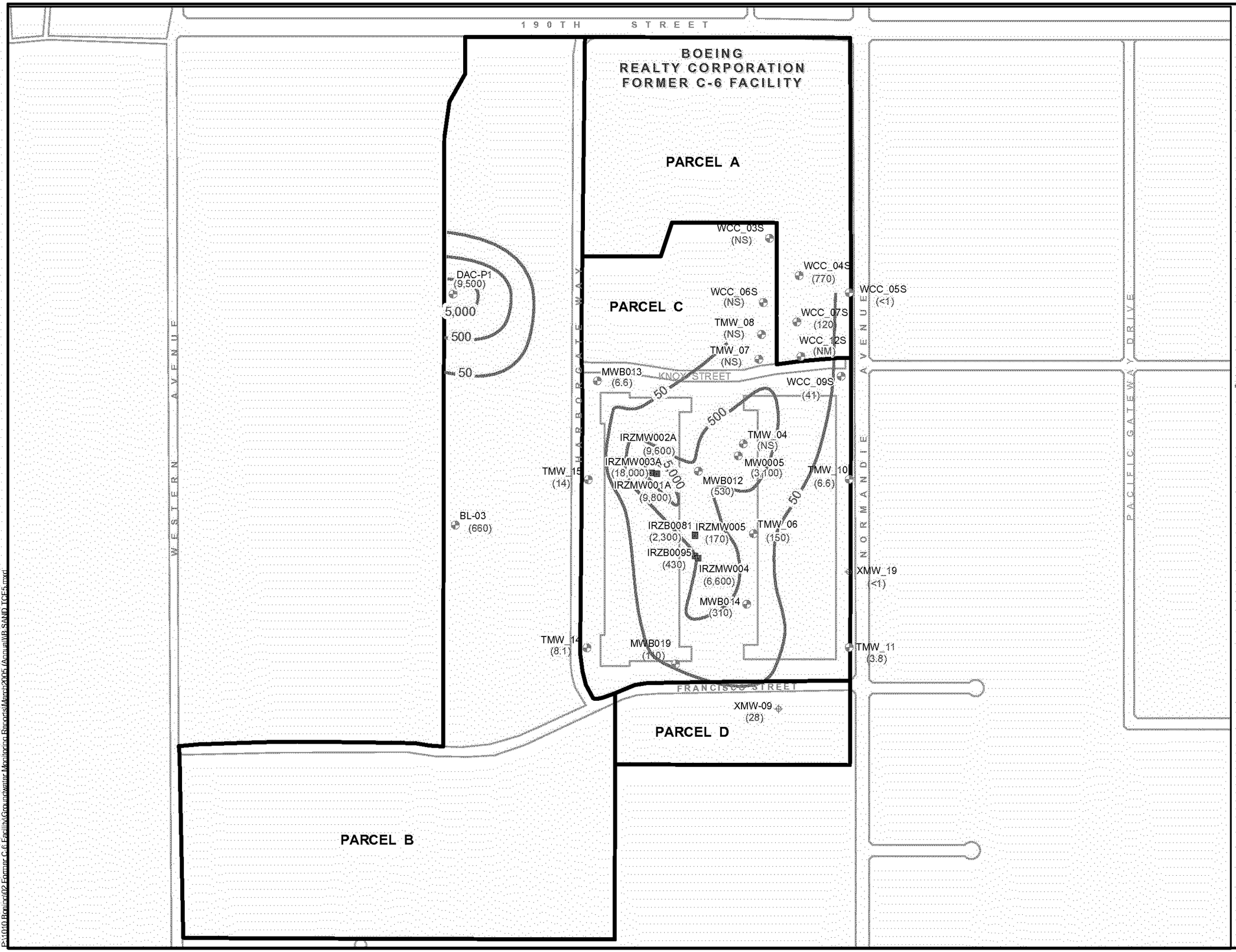
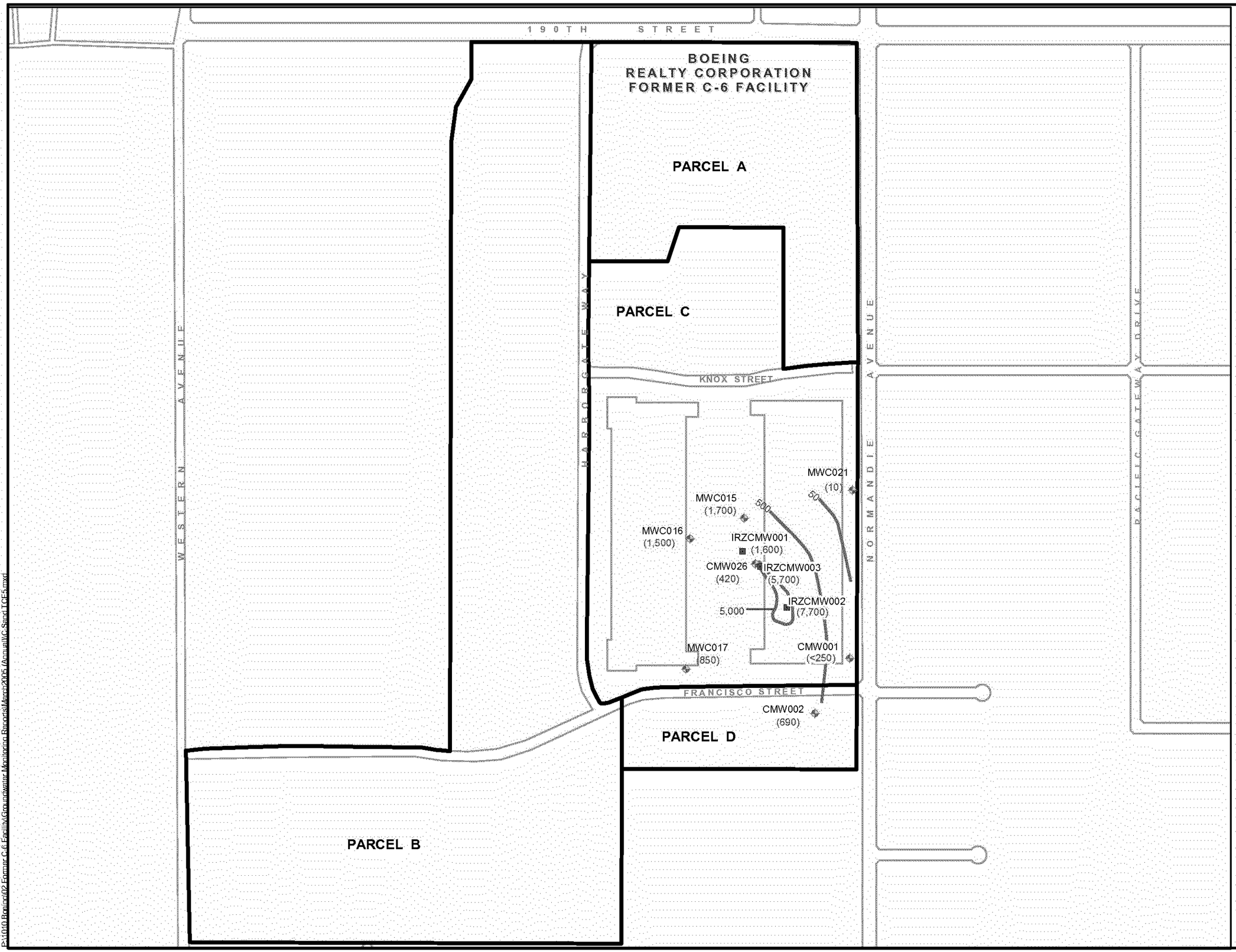


FIGURE 4

DISTRIBUTION OF TCE IN B-SAND GROUNDWATER MARCH 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

P:\1010 Boeing\02 Former C-6 Facility\Groundwater Monitoring Reports\March 2005 (Annual)\B-SAND TCE5.mxd



N

SCALE

0 200 400 800 Feet

1:4,800

Legend

- C-Sand IRZ Bioremediation Monitoring Well
- C-Sand Monitoring Well
- TCE Isoconcentration line
- (560) TCE Concentration in ug/L.
- Parcel Boundary

FIGURE 5

DISTRIBUTION OF TCE IN C-SAND GROUNDWATER MARCH 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

RUBICON
Engineering Corporation

P:\1010 Boeing\02 Former C-6 Facility\Groundwater Monitoring Reports\March 2005 Annual\C-Sand TCE5.mxd

Appendix A

Groundwater Monitoring and Sampling Procedures

RUBICON
Engineering Corporation

1.0 GROUNDWATER MONITORING & SAMPLING PROCEDURES

1.1 WATER LEVEL MEASUREMENT

Static groundwater levels were measured in twenty-six (26) monitoring wells manually using an electronic water level indicator instrument (i.e. Solinst) on March 1-7, 2005. Additionally, each monitoring wells were gauged for total depth (TD) using the same water level indicator used for the depth to water measurements.

Water level measurements were taken from the top of the wellhead casing indicating the top of casing (TOC) elevation (feet above mean sea level [ft-msl]) determined by a State-Licensed Land Surveyor (surveyor). If there is no visible survey mark to take the measurement, the well was gauged from the north side of the top of casing and recorded on the Well Gauging Data Sheet (WGDS).

1.1.1 Instrument Calibration

Water level indicators were calibrated each sampling event. Calibration was performed by comparing the water level indicator measuring tape against a steel tape. The calibration dates, times, instrument identification, method, and result was recorded on the Instrument Calibration Sheet (ICS).

1.1.2 Instrument Decontamination

Equipment used in the gauging of groundwater monitoring wells, that were inserted into the well casing and static groundwater were decontaminated prior to and/or after each use at any well location.

The water level indicator was decontaminated between each well using one (1) non-phosphate wash, two (2) tap water rinses, followed by one (1) distilled-water rinse. The equipment was dried either using a clean paper towel or an electric-driven air-compressor or a hair dryer.

1.3 Field Procedures

Wells to be gauged were identified by personnel collecting measurements by comparing current WGDS's, site plans, individual well markings, and historical data tables. If there is no established mark on top of casing, the measurement was taken from the north side of the casing. Each measurement point description was logged in detail on the WGDS.

The depth to water measurements was taken three (3) times at a minimum to allow for the recording of a correct measurement with no variations. Measurements and any observations were recorded on the WGDS.

Each water level measurement was compared to the historical measurements or previous measurement obtained from the same well. If the current measurement is significantly different than the previous measurements or the water level changed to opposite direction of the other wells (i.e. all other wells showing increase in depth to water but the last well shows decrease) the following QC procedures were performed in the field:

- Verified the well identification and location.
- Verified that the instrument read accurate (checked calibration)
- Verified that the measurement was repeated several times (3 times minimum).
- Verified that there was no foreign material in the well affecting the tape length.
- Verified that there was no kink on the tape
- Recorded on the form the true reading and mention that these QC procedures were performed on the comments section of the field form

1.2 GROUNDWATER SAMPLE COLLECTION

Groundwater samples were collected from twenty-five (25) wells using a submersible pump, and dedicated tubing between March 1 and 7, 2005.

1.2.1 Water Parameter Readings

Equipment was thoroughly decontaminated prior to lowering in to the well. Pump was set approximately 3 to 5 feet below the water table. Purging was performed at flow rates less than 2 gpm. Water quality parameters were measured at the start of well pumping and at minimum every ½ wet casing volume removed. The wells were purged a minimum of three wet casing volume or until the parameters stabilize to within 10%. The following water quality parameters were measured using Horiba® U22 water quality meter (U22) and flow through cell (FTC): pH, temperature (°C), electrical conductivity, turbidity, dissolved oxygen (DO), oxygen reduction potential (ORP). The following steps were performed when collecting water parameter readings.

- U22 was calibrated to specified calibration (manufactures calibration solution), and zero DO solution.
- Water quality parameters were collected at start of pumping and for every 1/2 wet casing volume for three (3) consecutive wet casing volumes until parameters stabilize to within 10%.
- Current water parameter measurements were compared with historical data.
- Once well purging was finished U22 and FTC were decontaminated.

1.2.2 Groundwater Monitoring Well Evacuation

The following procedures were used for groundwater monitoring well purging:

- Reviewed HSP
- Calibrated field equipment to proper specifications
- Followed sampling order strictly
- Collected all required Q/C samples
- Ensured generators and fuel driven equipment were placed down-wind from sample locations
- Measured and recorded depth to water (DTW) and TD
- Determined casing volume to be purged from well using one of the methods described below.

<u>2-inch diameter well:</u>

(height of water column) x (.163) = volume of water column in gallons

4-inch diameter well:

(height of water column) x (.65) = volume of water column in gallons

6-inch diameter well:

(height of water column) x (1.47) = volume of water column in gallons

At least three (3) casing volumes were purged from each well. If three casing volumes cannot be obtained and the well goes dry with minimum practical pumping rate, then the well was allowed to re-charge to 80% of the static water level (water column height x 0.80 – TD) before collecting sample. If 80% recovery exceeds 2 hours, the well was sampled as soon as enough water accumulated to fill all sample containers.

The pump flow was gauged manually using a graduated measuring stick calibrated to 55 gallon drum or 5 gallon bucket. Total volume purged was measured with this graduated stick and recorded every ½ wet casing volume.

1.2.4 Sample Collection

Groundwater samples were collected in the appropriate laboratory sample containers from the discharge end of the pump or bailer. Pump flow was set at 0.2 gpm or less during collection to prevent aeration and turbulence of samples. Sample container labels were filled out at the well location and placed on containers immediately after samples are collected.

The samples were placed in a cooler in a manner to prevent breaking or cross-contamination during transport. Samples were placed in to plastic zip-lock bags to prevent the possibility of cross-contamination. The cooler was filled with ice and samples kept a desired temperature of 4 °C., pending transport to the project analytical laboratory (PAL).

1.3 DECONTAMINATION

Equipment used in the gauging and sampling of groundwater monitoring wells, that is inserted into the well casing and static groundwater was decontaminated prior to and/or after each well location. The equipment was decontaminated between each well using one (1) non-phosphate wash, two (2) tap water rinses, followed by one (1) distilled-water rinse. Water generated during decontamination activities was contained in 55-gallon drums and placed in a pre-designated area for disposal. Waste was inventoried daily on an IDW Inventory Record.

Once decontamination was completed existing latex gloves were removed and a new pair were used at the next well location.

Appendix B

Groundwater sampling forms and field data

RUBICON
Engineering Corporation

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

3/1/05

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
- [N/A] For WCC-5S, inform John Jacobs at NearCal. Call Earth Tech inform about work area
- [N/A] Call for drums – Drums ordered prior to start of sampling event.
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO – OK
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments – 4 rinses : 1 soap, 2 tap water rinse, 1 DI rinse.
- [x] Collect Equipment Blank per team, label and log in COC
  1 EB per day, per H&A workplan. Also collect one decon rinse blank per day
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets, see above.

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Oakland • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TAIT.com

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

DAY END CHECKLIST

- [x] Confirm number of samples in cooler match analysis requirements
- [x] Make sure trip blank for each cooler
- [x] Double check ECOC with second set of eyes for accuracy
- [x] Fax Data sheets and ECOC to office every day
- [x] Create billing report for extra supplies used on job
- [x] Decontaminate all Horiba's and store in water
- [x] Ensure Conex is organized and trash is disposed
- [x] Ensure there is enough supply for the next day

Mitya Chandra 3/1/05

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TAIT.com

3/2/05

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
- [x] Call ~~Earth Tech~~ NearCal trailer inform about work area
- [N/A] Call for drums See 3/1/05 ~~no~~ Checklist
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO - OK
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments
- [x] Collect Equipment Blank per team, label and log in COC
  1 EB per day, per H+A workplan; also 1 decon rinse blank per day.
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

DAY END CHECKLIST

- [x] Confirm number of samples in cooler match analysis requirements
- [x] Make sure trip blank for each cooler
- [x] Double check ECOC with second set of eyes for accuracy
- [x] Fax Data sheets and ECOC to office every day
- [x] Create billing report for extra supplies used on job
- [x] Decontaminate all Horiba's and store in water
- [x] Ensure Conex is organized and trash is disposed
- [x] Ensure there is enough supply for the next day

Nitya Chandra 3/2/05

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TaitEnv.com

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

3/3/04

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
- [x] Call ~~Earth Tech~~ Near Cal Trailer inform about work area
- [N/A] Call for drums see 3/1/05 checklist
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO - OK
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments
- [x] Collect Equipment Blank per team, label and log in COC
  1 EB per day per H&A workplan; 1 decon rinse blank per day.
- [x] Decontamination buckets with soap ~~(3 buckets)~~
  4 buckets.

701 North Parkcenter Drive Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Temple • Las Vegas • Reno • Loveland
www.TAIT.com

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

DAY END CHECKLIST

- [x] Confirm number of samples in cooler match analysis requirements
- [x] Make sure trip blank for each cooler
- [x] Double check ECOC with second set of eyes for accuracy
- [x] Fax Data sheets and ECOC to office every day
- [x] Create billing report for extra supplies used on job
- [x] Decontaminate all Horiba's and store in water
- [x] Ensure Conex is organized and trash is disposed
- [x] Ensure there is enough supply for the next day

Mitya Chandra 3/3/05

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
Del Olmo • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TaitEnv.com

TAIT vironmental Management, Inc.
Environmental Engineering Compliance

3/4/05

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
- [x] Call ~~Earth Tech~~ Near Cal trailer inform about work area
- [N/A] Call for drums - See 3/1/05 checklist
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO - OK
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments
- [x] Collect Equipment Blank per team, label and log in COC
  1 EB per day per H&A workplan ; 1 decon rinse blank per day.
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-3200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TAIT.com

TAIT vironmental Management, Inc.
Environmental Engineering Compliance

DAY END CHECKLIST

- [x] Confirm number of samples in cooler match analysis requirements
- [x] Make sure trip blank for each cooler
- [x] Double check ECOC with second set of eyes for accuracy
- [x] Fax Data sheets and ECOC to office every day
- [x] Create billing report for extra supplies used on job
- [x] Decontaminate all Horiba's and store in water
- [x] Ensure Conex is organized and trash is disposed
- [x] Ensure there is enough supply for the next day

Mitya Chandra 3/4/05

701 North Parrcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TAIT.com

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

3/7/05

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
- [x] Call ~~Earth Tech~~ John w/ Nearcal inform about work area
- [N/A] Call for drums
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO -OK
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments, collect deconblank of final rinse.
- [x] Collect Equipment Blank per team, label and log in COC
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets.

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TAIT.com

TAIT F ·ironmental Management, Inc.
Environmental Engineering Compliance

DAY END CHECKLIST

- [x] Confirm number of samples in cooler match analysis requirements
- [x] Make sure trip blank for each cooler
- [x] Double check ECOC with second set of eyes for accuracy
- [x] Fax Data sheets and ECOC to office every day
- [x] Create billing report for extra supplies used on job
- [x] Decontaminate all Horiba's and store in water
- [x] Ensure Conex is organized and trash is disposed
- [x] Ensure there is enough supply for the next day

Mitya Chandra 3/7/05

701 North Parkcenter Drive • Santa Ana, California 92705 • (714) 560-8200 • (714) 560-8235 fax
San Diego • Concord • Rancho Cordova • Tempe • Las Vegas • Reno • Loveland
www.TAIT.com

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: BRC C-6	**Project #:** EM 2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 3/1/05	**Time:** 8:15
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: PPE, Scope of Work, Contaminants of Concern (VOCs), Physical Hazards in demo/construction area.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/1/05	Nitya Chandran	TAIT	Nitya Chandra
3/1/05	SAL YIN	TAIT	[illegible]

Page __ of __

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: BRC C-6	**Project #:** EM 2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 3/2/05	**Time:** 8:00
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: PPE, Scope of Work, Contaminants of Concern (VOCs), Physical Hazards in demo/construction area.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/2/05	Nitya Chandran	TAIT	Nitya Chandra
3/2/05	SAL YIN	TAIT	[illegible]

Page __ of __

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: BRC C-6	**Project #:** EM 2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 3/3/05	**Time:** 8:00
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: PPE, Scope of Work, Contaminants of Concern (VOCs), Physical Hazards in demo/construction area.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/3/05	Nitya Chandran	TAIT	Nitya Chandra
3/3/05	SAL YIN	TAIT	[illegible]

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: BRC C-6	**Project #:** EM 2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 3/4/05	**Time:** 09:45
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandran	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: PPE, Scope of Work, Contaminants of Concern (VOCs), Physical Hazards in demo/construction area.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/4/05	Nitya Chandran	TAIT	Nitya Chandran
3/04/05	SAL YIN	TAIT	[illegible]

Page __ of __

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting
Agreement and Acknowledgement Sheet

Project Name: BRC C-6	**Project #:** EM 2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 3/7/05	**Time:** 0800
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: PPE, Scope of Work, Contaminants of Concern (VOCs), Physical Hazards in demo/construction area.	

I have reviewed the plan, understand it, and agree to comply with all of the health and safety requirements. I understand that I may be prohibited from working on the project for violating any of the requirements. Visitors will be required to be escorted in the restricted access zone. Visitors must comply with Tait Environmental Management, Inc. escort directions while on site at all times. Non-compliance with escort directions will not be tolerated, and violators will be requested to leave the site immediately.

A physician based on medical examination has approved me to wear a respirator. I have been trained in the appropriate use, care, and storage of respiratory equipment. I have been respirator fit tested; and I have my respirator available for use in the field. I understand that I am to use the equipment supplied to me by my employer. I further understand that this equipment is provided solely for my benefit with the intent to minimize my exposure to potentially hazardous conditions. In the event of such usage, I agree to indemnify and hold harmless Tait Environmental Management, Inc. and all of its employees from and against any and all losses, demands, claims, liabilities, lawsuits, damages, costs, and expenses arising, in any way, from the use of the equipment.

Date	Name	Company Name	Signature
3/7/05	Nitya Chandran	TAIT	Nitya Chandra
3/7/05	SAL YIN	TAIT	[illegible]
3/7/05	Mehmet Pehlivan	TAIT	[illegible]

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

BRC GW MONITORING DAILY FIELD REPORT

Project Name: March 2005 Sampling BRC C-6 Torrance	**Project #: EM** 2303D	**Date:** 3/1/05
Personnel: NC/SY	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per Haley & Aldrich Nov. 2004 Work Plan.

Time Arrived at Site:	**Time Left Site:**	**Total Hours at Site:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: _____
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] Air Monitoring Type: _____ Serial #: _____
- [x] Pump Type: Waterra / Grundfos Serial #: _____
- [ ] Generator Type: _____ Serial #: _____
- [x] Company Truck License #: Chevy 2500, + S-10
- [x] Other(s): Inverters

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at ~7:30. Horibas factory calibrated ~~at HS~~
Set up decon station (1 soap, 2 tap water rinse, 1 DI rinse)
Conduct tailgate H&S meeting.
Collect decon blank DB_TAIT030105_0001 @ 1000
Rinsate (equipment) blank EB_TAIT030105_0001 @ 0930, since no wells to be sampled today have not been marked for EB collection.
Spoke to John Jacobs w/ NearCal re: uncovering WCC-12S, showed him approx. well location.

Client Signature (if applicable): _____ **Date:** _____

Page ___ of ___

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

Project Name: March 2005 GW Sampling BRC Former C-6	Project #: EM2303	Date: 3/1/05

Decided to purge into drums, Soil Surrounding Baker Tank still muddy. Called Scott Lattimore for drum ID #s.

Sampled following wells: MWB013 @ 1110 - NC

WCC-5S @ 1157 - SY

TMW-10 @ 1320 - NC, TMW-11 @ 1340 - SY

TMW-14 @ ~~1340~~ 1510 - SY, collected field blank FB-TAIT030105-0001 @ 1430

MWC021 @ 1445 - NC, collected duplicate sample

- XMW-19 unable to sample today, need to coordinate unlocking well with Robert Neumann of Earthtech → available to unlock Wed. afternoon / Thursday morning.

- Informed by Dennis Carlson of Boeing that 4 empty drums need to be moved to staging area near Lot 8 trailer.

- Samples picked up on-site @ 1500.
- Informed Chi Chi Tsai to unlock gates S. of Knox Street to access wells → Security guard to leave unlocked.

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

BRC GW MONITORING DAILY FIELD REPORT

Project Name: March 2005 GW Sampling BRC C-6 Torrance	**Project #: EM** 2303	**Date:** 3/2/05
Personnel: NC/SY	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING per Haley & Aldrich Workplan.

Time Arrived at Site:	**Time Left Site:**	**Total Hours at Site:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: _____
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] Air Monitoring Type: _____ Serial #: _____
- [x] Pump Type: Waterra / (Grundfos) Serial #: _____
- [ ] Generator Type: _____ Serial #: _____
- [x] Company Truck License #: Chevy 2500, S-10
- [x] Other(s): Inverters.

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on-site at ~ 730 a.m.
Set up decon station, collected decon blank DB_TAIT030205_0001 @ 0830.
Calibrated instruments
Collected equipment blank ~~at~~ EB_TAIT030205_0001 @ 0825,
before sampling MW8014.

Client Signature (if applicable): _____ **Date:** _____

Page ___ of ___

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

Project Name: March 2005 Sampling BRC C-6 Torrance	Project #: EM2303	Date: 3/2/05

SY sampled wells:

TMW-15 @ 1050, collected field blank FB-TAIT030205-0001 @ 1036.

WCC-9S @ 1240

TMW-06 @ 1428

NC sampled wells:

MWB014 @ 1040, collected duplicate sample.

MWB019 @ 1205

MWC017 @ 1420

Transferred all purge water generated today into Baker tank.

Spoke w/ Robert Neumann, will meet tomorrow morning to unlock Montrose wells (XMW-09 & XMW-19).

Moved ~~empty~~ all drums from drop-off point to staging area, per Dennis Carlson.

Samples picked up by STL at 1500.

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

BRC GW MONITORING DAILY FIELD REPORT

Project Name: March 2005 Sampling BRC C6 Torrance	**Project #: EM** 2303D.	**Date:** 3/3/05
Personnel: NC/SY	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per Haley & Aldrich workplan.

Time Arrived at Site:	**Time Left Site:**	**Total Hours at Site:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: _____
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] Air Monitoring Type: _____ Serial #: _____
- [x] Pump Type: Waterra / Grundfos Serial #: _____
- [ ] Generator Type: _____ Serial #: _____
- [x] Company Truck License #: Chevy 2500, S-10.
- [x] Other(s): Inverters.

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at ~7:30.
Set up decon station, collected decon blank DB-TAIT030305-0001 at 0945., decontaminated equipment.
Calibrated instruments - OK.
Coordinated w/ Robert Neumann of Earth Tech to open XMW-09, XMW-19.

Client Signature (if applicable): _____ **Date:** _____

Page ___ of ___

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

Project Name: March 2005 GW Sampling BRC C-6	Project #: EM2303D	Date: 3/3/05

Team sampled following wells.

XMW-09 @ 11:10 NC, used TAIT tubing (100')

Used 100' TAIT tubing. XMW-19 @ 12:00 SY, Collected Field Blank @ ~~1200~~ 11:15

WCC-7S @ 12:55 NC

CMW001 @ 14:18 SY

MWB012 @ 14:20 NC, collected equip. blank @ 13:30.

Spoke w/ John Jacobs of NearCal again re: uncovering WCC-12S, said he'd get to it.

STL picked up samples @ 14:50.

Emptied drums of purge water into Baker tank on-site.

Informed security guards to leave gates unlocked on 3/5/05 for sampling S. of Knox St.

Page ___ of ___

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

BRC GW MONITORING DAILY FIELD REPORT

Project Name: March 2005 Sampling BRC C-6	**Project #: EM** 2303D	**Date:** 3/4/05
Personnel: NC/SY	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per Haley + Aldrich workplan.

Time Arrived at Site:	**Time Left Site:**	**Total Hours at Site:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: _____
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] Air Monitoring Type: _____ Serial #: _____
- [x] Pump Type: Waterra / Grundfos Serial #: _____
- [ ] Generator Type: _____ Serial #: _____
- [x] Company Truck License #: Chevy 2500, S-10.
- [x] Other(s): Inverters

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived at site ~9:30, due to inclement weather early morning. WCC-12S hadn't been uncovered.
Set up decon station, collected decon blank @ 10:00.
decontaminated equipment, calibrated instruments.
Spoke w/ John ~~Me~~ of Nearcal re: WCC-12S uncover, said he'd do it.

Client Signature (if applicable): _____ **Date:** _____

Page ___ of ___

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

Project Name: March 2005 GW Sampling BRC C-6	Project #: EM2303D	Date: 3/4/05.

Team sampled following wells:
CMW0002 @ 1230, equipment blank at 11:20. NC
BL-03 @ 12:43, casing and well box broken,
well protected only by cone placed on top.
SY took picture.
MWC016 @ 14:20, used 100' TAIT tubing.
DAC-P1 @ 14:25

STL picked up samples @ 14:45.
Emptied purge water into Baker Tank.
WCC-12S not uncovered.
Informed security to leave gates unlocked on Mon.,
3/7/05 for sampling S. of Knox street.

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

BRC GW MONITORING DAILY FIELD REPORT

Project Name: March 2005 Sampling BRC C-6	**Project #: EM** 2303D	**Date:** 3/7/05
Personnel: NC/SY	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING

Time Arrived at Site:	**Time Left Site:**	**Total Hours at Site:**

Equipment List:

- [x] Solinst Water Level Meter Serial #: _____
- [ ] Solinst Water/Product Level Interface Meter Serial #: _____
- [x] Horiba U-22 Water Quality Meter Serial #: _____
- [ ] Air Monitoring Type: _____ Serial #: _____
- [x] Pump Type: Waterra/ Grundfos Serial #: _____
- [ ] Generator Type: _____ Serial #: _____
- [x] Company Truck License #: Chevy 2500, S-10
- [x] Other(s): Inverters.

Description of Work Performed: (Summarize all field activities in a chronological sequence. Include tailgate health and safety meeting, personnel/visitors at site, calibration times and methods.)

Arrived on site at ~7:30.
Set up decon station, collected decon blank at 9:15
decontaminated equipment, calibrated instruments.

Spoke w/ John Jacobs w/ NearCal, re: uncovering WCC-12S.
Said personnel unavailable.

Client Signature (if applicable): _____ **Date:** _____

Page ___ of ___

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

Project Name: March 2005 Sampling BRC C-6	Project #: EM2303D	Date: 3/7/05

Sampled CMW026 @ 10:55, collected equip. blank at 10:00.
WCC-4S @ 11:07, collected field blank @ 10:31.
MWC015 @ 13:00
MWB005 @ 13:17.

STL picked up samples at 13:45.
Emptied purge water into Baker tank.

Page ___ of ___

Tait Environmental Management, Inc.
Engineering · Environmental • Compliance

QA/QA Sample Identification Form

Project Name: March 2005 Sampling BRC C-6 Torrance

Project #: EM2303D.

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/3/05	0:00	Trip Blank	TB-TAIT030305-0001	N/A	N/A	VOCS	Lab DI	STL	
	9:45	Decon Blank	DB-TAIT030305-0001	N/A	↓	↓	↓	NC/SY	
	11:15	Field Blank	FB-TAIT030305-0001	XMW-19	↓	↓	↓	SY	
	13:30	Equip. Blank	EB-TAIT030305-0001	MWB012	↓	↓	↓	NC	
3/4/05	—	Trip Blank	TB-TAIT030405-0001	N/A	N/A	VOCS	Lab DI	STL	
	10:00	Decon Blank	DB-TAIT030405-0001	N/A	↓	↓	↓	NC/SY	
	11:20	Equip. Blank	EB-TAIT030405-0001	CMW002	↓	↓	↓	NC	
	14:05	Field Blank	FB-TAIT030405-0001	DAC-P1	↓	↓	↓	SY	
3/7/05	—	Trip Blank	TB-TAIT030705-0001	N/A	N/A	VOCS	Lab DI	STL	
	9:15	Decon Blank	DB-TAIT030705-0001	N/A	↓	↓	↓	NC/SY	
	10:00	Equip. Blank	EB-TAIT030705-0001	CMW026	↓	↓	↓	NC	
	10:37	Field Blank	FB-TAIT030705-0001	WCC-4S	↓	↓	↓	SY	

BOE-C6-0011598

Tait Environmental Management, Inc.
Engineering · Environmental • Compliance

QA/QA Sample Identification Form

Project Name: March 2005 GW Sampling BRC C-6 Torrance

Project #: EM2303D

Date	Time	QA/QC Sample Type (Duplicate, Field Blank, Equipment Blank, Split)	Sample ID	Sample Location	Primary Sample Reference	Analytical Method(s)	Organic-Free Water Source and Reference	Name	Comments
3/1/05	—	Trip Blank	TB_TAIT030105_0001	N/A	N/A	8260B	Lab-DI	STL	
	9:30	Equip. Blank	EB_TAIT030105_0001	MWB013	N/A	8260B	Lab DI	NC	
	10:00	Decon Blank	DB_TAIT030105_0001	N/A	N/A	8260B	DI Rinse	NC/SY	
	14:45	Duplicate	MWC021_WG030105_0002	MWC021	MWC021_WG030105_0001	8260B	GW	NC	
	14:30	Field Blank	FB_TAIT030105_0001	TMW-14	N/A	8260B	Lab DI	SY	
3/2/05	—	Trip Blank.	TB_TAIT030205_0001	N/A	N/A	VOCs	Lab DI	STL	
	8:25	Equip. Blank	EB_TAIT030205_0001	MWB014	N/A	↓	Lab DI	NC	
	8:30	Decon Blank	DB_TAIT030205_0001	N/A	N/A	↓	DI Rinse	NC/SY	
	10:40	Duplicate	MWB014_WG030205_0002	MWB014	MWB014_WG030205_0001	↓	GW	NC	
	10:36	Field Blank	FB_TAIT030205_0001	WCC-9S	N/A	↓	Lab DI	SY	

BOE-C6-0011599

Tait Environmental Management, Inc.

Engineering • Environmental • Compliance

Investigation Derived Waste (IDW) Inventory Record

Project Name: March 2005 C-6 Sampling - Torrance

Project No.: EM 2303D

Accumulation Date	Drum/Bin	Identifier	Well Origination	Contents	Gallons	Container Location	Inventoried By	Labeled By
3/1/05	DRUM	C6_IDW505_TA	TMW-10 MWB013	GW	~50	staging area Lot 8	NC	NC
↓		C6_IDW506_TA	MWC021, TMW-11, TMW-14		~40	↓	NC/SY	↓
		C6_IDW507_TA	MWC021		~45		NC	
		C6_IDW508_TA	WCC-55		~55		SY	

BOE-C6-0011600

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Instrument Calibration Sheet

Project Name: TORRANCE C-6 BRC | **Project #:** EM2303D

Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
3/1/05	8:30	HORIBA U-22	Rental	Autocal Sol'n +DO zero	–	–	OK	NC
		HORIBA U-22		Autocal Sol'n +DO zero	–	–	OK	SY
		Solinist		Steel Tape	29.95	30	–	NC
		Solinist		Steel Tape	29.95	30	–	SY
3/2/05	8:30	HORIBA U-22	Rental	Autocal Sol'n +DO zero	–	–	OK	NC
		HORIBA U-22		Autocal Sol'n +DO zero	–	–	OK	SY
		Solinist		Steel TAPE	29.95	30	–	SY
		Solinist		Steel Tape	29.95	30	–	NC
3/3/05	8:30	HORIBA U-22	Rental	Autocal Sol'n +DO zero	–	–	OK	SY
		HORIBA U-22		Autocal Sol'n +DO zero	–	–	OK	NC
		Solinist		Steel Tape	29.95	30	–	SY
		Solinist		Steel Tape	29.95	30	–	NC
3/4/05	9:45	HORIBA	Rental	Autocal Sol'n +DO zero	–	–	OK	NC
		HORIBA		Autocal Sol'n +DO zero	–	–	OK	SY
		Solinist		Steel Tape	29.95	30	–	SY
		Solinist		Steel Tape	29.95	30	–	NC
3/7/05	8:30	HORIBA U-22	Rental	Autocal Sol'n +DO zero	–	–	OK	SY
		HORIBA U-22		Autocal Sol'n +DO zero	–	–	OK	NC
		Solinist		Steel Tape	29.95	30	–	SY
		Solinist		Steel Tape	29.95	30	–	NC

Page __ of __

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Torrance	**Date:** 3/1/05
Project No.: EM 2303D	**Prepared By:** SY
Well Identification: WCC-5S	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~64' **Screen:** 61 - 91

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	61.30 / 61.30	90.0	28.7	---	18.7	56.0	9.4	N/A	N/A	N/A

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Fair / Soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:15	0.5	9.4	0.9	62.18	6.35	20.7	307	25.8	0	-100	Clear / No odor
11:21	1.0	18.8	1.6	62.13	6.43	20.8	345	26.4	0	-130	" " "
11:30	1.5	28.2	1.0	62.13	6.59	20.8	358	23.9	0	-145	" " "
11:38	2.0	37.6	1.2	62.14	6.74	20.8	333	23.1	0	-152	" " "
11:46	2.5	47.0	1.2	62.15	6.80	20.7	336	21.8	0	-155	" " "
11:55	3.0	56.0	1.2	62.14	6.85	20.8	330	21.7	0	-155	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:05	11:55	1.2	56.0	3	67.0	62.10	11:57	WCC-5S_WG030105_0001

Notes: DRUM NO!

ft-bmp = feet below measuring point

BOE-C6-0011602

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE	**Date:** 3/07/05
Project No.: EM 2303D	**Prepared By:** SY
Well Identification: TMW-11	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~ 65
	Screen: 58-78

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	60.78/60.78	77.18	16.4	---	2.6	7.8	1.3	N/A	N/A	N/A

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good / soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:15	0.5	1.3	0.3	60.85	6.77	24.6	604	0.197	1.69	+3	Light greyish/No odor
13:20	1.0	2.6	0.3	60.87	6.81	24.8	244	0.197	1.60	+11	" " " "
13:24	1.5	3.9	0.3	60.89	6.83	24.9	170.	0.197	1.52	+15	" " " "
13:28	2.0	5.2	0.3	60.90	6.83	25.6	72.0	0.198	1.31	+20	" " " "
13:32	2.5	6.5	0.3	60.89	6.83	25.7	54.6	0.200	1.26	+22	" " " "
13:36	3.0	7.8	0.3	60.90	6.84	25.65	38.0	0.200	1.13	+25	" " " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:10	13:36	0.3	7.8	3	64.1	60.85	13:40	TMW-11-WG030105-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011603

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE C-6		**Date:** 3/07/05	
Project No.: EM 2303D		**Prepared By:** SY	
Well Identification: TMW-14		**Weather:** CLOUDY	
Measurement Point Description: TOC MARK		**Pump Intake:** ~74'	**Screen:** 65-85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	69.90 / 69.90	85.15	15.3	---	2.5	7.5	1.3	N/A	N/A	N/A

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

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:48	0.5	1.3	0.4	69.98	6.81	22.24	573	0.370	5.98	+29	Clear/No odor
14:51	1.0	2.6	0.4	70.05	6.78	23.96	107	0.394	4.45	+32	" " "
14:54	1.5	3.9	0.4	70.24	6.77	23.67	21.4	0.409	4.01	+47	" " "
14:57	2.0	5.2	0.4	70.31	6.78	23.67	11.0	0.409	3.89	+58	" " "
15:01	2.5	6.5	0.4	70.38	6.79	23.66	0.0	0.400	3.35	+61	" " "
15:04	3.0	7.8	0.4	70.45	6.79	23.68	0.0	0.403	2.81	+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
14:45	15:04	0.4	7.8	3	72.9	70.30	15:10	TMW-14_WG030905_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011604

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Annual GW Sampling - BRC C-6	**Date:** 3/1/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWB013	**Weather:** Sunny, Cool ~65°F
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~70 **Screen:** 65-85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C x D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	② 65.59 ① 65.60	84.85	19.26	---	13	39	6.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump

Well Condition: good, soft bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1040	0.5	6.5	1.08	66.29	4.65	23.3	20.5	0.223	4.97	+4	clear, odorless.
1046	1.0	13	1.08	66.40	5.47	23.3	3.9	0.223	4.02	+8	clear, odorless
1051	1.5	19.5	1.3	66.41	6.71	23.3	2.7	0.221	3.88	+12	clear
1056	2.0	26	1.3	66.42	6.99	23.3	0.0	0.224	3.52	+17	clear
1101	2.5	32.5	1.3	66.42	7.01	23.3	0.0	0.223	3.21	+20	clear
1106	3.0	39	1.3	66.42	7.02	23.2	0.0	0.223	3.18	+23	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
1034	1106	1.2	39	3	69.44	66.42	1110	MWB013_WG030105-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011605

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Annual GW Sampling March 2005 BRC C-6	**Date:** 3/1/05
Project No.: EM2303A	**Prepared By:** NC
Well Identification: TMW-10	**Weather:** sunny, ~70°F
Measurement Point Description: TOC - Northside	**Pump Intake:** ~67
	Screen: 60.5 – 80.5

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	② 60.65 ① 60.65	NC 79.80	17.15	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump

Well Condition: no bolts in lid, wellbox full of water, very soft bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1256	0.5	1.5	0.3	60.78	6.63	24.2	51.8	0.205	2.67	-33	clear, odorless
1300	1.0	3	0.4	60.80	6.85	24.5	24.9	0.205	2.45	-20	clear
1304	1.5	4.5	0.4	60.80	6.99	24.5	20.0	0.207	2.16	-8	clear
1307	2.0	6	0.5	60.80	7.07	24.5	15.4	0.206	1.99	-3	clear
1310	2.5	7.5	0.5	60.80	7.14	24.6	13.7	0.208	1.76	+4	clear
1314	3.0	9	0.4	60.80	7.17	24.5	12.9	0.206	1.58	+6	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
1251	1314	0.4	9	3	64.08	60.80	1320	TMW-10-WG030105_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011606

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name:	**Date:** 3/1/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: ~~MWC021~~ → MWC021	**Weather:** Sunny, ~75°F
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~~2~~ 70 ft / **Screen:** 97-122

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	(2) 65.64							31.36 ft	25 ft	
---	(1) 65.64	121.75	56.11	---	—	—	—	= 20 gal	= 16 gal	8 gal

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; semi-soft bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1407	ABOVE	20	1.2	66.02	7.20	23.1	1.5	0.091	4.43	-287	clear, sulfur odor
1414	0.5 SCREEN	28	1.1	66.04	7.52	23.1	0.0	0.091	4.02	-277	clear, sulfur odor
1420	1.0	36	1.3	66.05	7.55	23.0	0.0	0.091	3.13	-274	clear, sulfur odor
1426	1.5	44	1.3	66.05	7.56	23.0	0.0	0.091	2.99	-269	clear, sulfur odor
1432	2.0	52	1.3	66.05	7.57	23.0	0.0	0.091	2.87	-266	clear, sulfur odor
1438	2.5	60	1.3	66.05	7.57	23.0	0.0	0.091	2.74	-258	clear, sulfur odor
1443	3.0	68	1.4	66.05	7.58	23.0	0.0	0.091	2.64	-254	clear sulfur odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1354	1443	1.3	68	1 ABOVE SCREEN 3 SCREENS	76.86	66.05	1445	MWC021_WG030105_0001

Notes: collected duplicate MWC021_WG030105_0001

ft-bmp = feet below measuring point

BOE-C6-0011607

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE		**Date:** 3/2/05	
Project No.: EM 2303 D		**Prepared By:** SY	
Well Identification: TMW-15		**Weather:** CLOUDY	
Measurement Point Description: TOC MARK		**Pump Intake:** ~ 73'	**Screen:** 62-87

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	67.74 / (67.75)	86.85	19.1	---	3.0	9.0	1.5	N/A	N/A	N/A

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good / soft @ bottom

Time	(Casing/) Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:26	0.5	1.5	0.3	70.90	6.93	23.39	415	0.131	2.65	+1	Clear / No odor
10:30	1.0	3.0	0.4	71.00	7.02	24.10	501	0.128	2.51	+18	" " "
10:34	1.5	4.5	0.3	71.05	7.10	24.21	459	0.126	3.06	+25	" " "
10:38	2.0	6.0	0.3	71.09	7.13	24.27	389	0.128	3.18	+28	" " "
10:42	2.5	7.5	0.3	71.14	7.15	24.35	147	0.130	3.10	+28	" " "
10:46	3.0	9.0	0.3	71.21	7.17	24.27	102	0.133	3.05	+29	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:20	10:46	0.3	9.0	3	72.0	71.15	10:50	TMW-15_WG030205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011608

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Torrance C-6	**Date:** 3/2/05
Project No.: EM 2303 D	**Prepared By:** SY
Well Identification: WCC-9$	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~ 69' **Screen:** 60 – 90

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	67.65 / 67.65	96.19	28.54	---	18.6	55.8	9.3	N/A	N/A	N/A

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good / Soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:08	0.5	9.3	0.8	68.85	7.14	23.42	130	0.112	5.01	+58	Light cloudy / No odor
12:14	1.0	18.6	1.6	68.83	7.19	23.45	88.5	0.112	4.89	+42	clear / No odor
12:20	1.5	27.9	1.6	68.84	7.21	23.44	64.0	0.112	4.53	+46	" " "
12:26	2.0	37.2	1.6	68.85	7.28	23.49	40.0	0.114	4.20	+48	" " "
12:32	2.5	46.5	1.6	68.85	7.31	23.48	34.5	0.115	4.18	+49	" " "
12:38	3.0	55.8	1.6	68.86	7.30	23.26	31.2	0.116	4.08	+48	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:57	12:38	1.6	55.8	3	73.4	68.80	12:40	~~FE~~ WCC-9$_WG030205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011609

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page __ of __

Project Name: TORRANCE C-6	**Date:** 3/2/05
Project No.: EM 2303D	**Prepared By:** SY
Well Identification: TMW-06	**Weather:** CLOUDY
Measurement Point Description: TOC MARK	**Pump Intake:** ~ 65' **Screen:** 67 - 87

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C X D=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	62.73 / 62.73	78.72	16.0	---	2.6	N/A	1.3	0.7	3.2	1.6

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: GOOD / Soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
14:10	Above	0.7	0.8	62.80	7.23	22.07	580	0.134	4.18	+66	Light grayish / No odor
14:12	0.5	1.4	0.4	62.78	7.18	22.81	160	0.127	4.20	+60	Clear / No odor
14:14	1.0	3.0	0.4	62.79	7.16	22.90	120	0.127	4.15	+58	" " "
14:16	1.5	4.6	0.4	62.80	7.15	22.96	63.0	0.128	4.00	+60	" " "
14:18	2.0	6.2	0.4	62.81	7.16	23.03	24.6	0.128	3.81	+62	" " "
14:20	2.5	7.8	0.4	62.82	7.21	22.98	19.6	0.128	3.51	+65	" "
14:22	3.0	9.4	0.4	62.83	7.19	23.01	8.1	0.128	3.20	+67	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
14:08	14:22	0.4	9.4	—	66.0	62.70	14:28	TMW-06_WG030205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011610

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: March 2005 Sampling BRC C-6	**Date:** 3/2/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWB014	**Weather:** Sunny, cool, ~65°F
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~ 65 — **Screen:** 65-85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	② 62.99							2.01 ft	20 ft	
---	① 62.99	84.40	21.41	---	—	—	—	= 1.5 gal	= 13 gal	6.5

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; soft well bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1011	ABOVE	1.5	1.5	63.91	6.27	21.53	9.5	0.117	1.27	+77	clear, odorless
1015	0.5 SCREEN	8	1.6	63.98	6.55	21.81	9.7	0.108	1.01	+67	clear, odorless
1019	1.0	14.5	1.6	64.03	6.66	21.86	8.3	0.111	1.28	+68	clear
1023	1.5	21	1.6	64.03	6.72	21.92	8.7	0.114	1.41	+71	clear
1027	2.0	27.5	1.6	64.03	6.75	21.95	1.2	0.123	1.45	+72	clear
1031	2.5	34	1.6	64.03	6.77	21.94	0.8	0.123	1.39	+73	clear
1035	3.0	40.5	1.6	64.03	6.78	21.95	0.5	0.124	1.36	+74	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
1010	1035	1.6	40.5	1 ABOVE SCREEN 3 SCREENS	67.27	64.03	1040	MWB014-WG030205-0001

Notes: collected duplicate sample MWB014-WG030205-0002

ft-bmp = feet below measuring point

BOE-C6-0011611

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: March 2005 Sampling BRC C-6	**Date:** 3/2/05
Project No.: EM2303A	**Prepared By:** NC
Well Identification: MWB019	**Weather:** Sunny, cool, ~70°
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~70 — **Screen:** 65-85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	② 66.72 ① 66.72	84.95	18.23	---	12	36	6	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good ; semi-soft well bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1141	0.5	6	1.5	67.11	6.69	23.21	33.3	0.280	3.89	-45	clear, odorless
1145	1.0	12	1.5	67.13	6.72	23.24	12.7	0.284	3.90	-24	clear, odorless
1149	1.5	18	1.5	67.19	6.73	23.24	4.8	0.285	3.86	+5	clear, odorless
1153	2.0	24	1.5	67.21	6.75	23.19	3.2	0.283	3.84	+37	clear, odorless
1158	2.5	30	1.2	67.23	6.75	23.23	1.2	0.284	3.82	+58	clear, odorless
1202	3.0	36	1.5	67.24	6.76	23.23	0.9	0.285	3.79	+63	clear, odorless

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
1137	1202	1.5	36	3	70.37	67.24	1205	MWB019-WG030205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011612

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: March 2005 GW Sampling BRC C-6	**Date:** 3/2/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWC017	**Weather:** cloudy, cool, ~65°F
Measurement Point Description: TOC - Northside	**Pump Intake:** ~73 **Screen:** 100-125

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	② 67.11							32.89 ft	25 ft	
---	① 67.11	124.95	57.84	---	---	---	---	= 21 gal	= 16 gal	8

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; diff. to gauge TD due to depth of well. Semi-soft bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1347	ABOVE	21	1.3	67.52	7.17	22.93	0.2	82.5	0.00	-270	clear, sulfur odor
1352	0.5 SCREEN	29	1.6	67.59	7.17	22.84	0.0	79.8	0.78	-246	clear, sulfur odor
1357	1.0	37	1.6	67.57	7.18	22.86	2.3	79.3	1.66	-235	clear, sulfur odor
1402	1.5	45	1.6	67.57	7.19	22.85	4.6	79.7	2.27	-226	clear, sulfur odor
1407	2.0	53	1.6	67.57	7.19	22.82	5.1	79.1	2.56	-213	clear, sulfur odor
1412	2.5	61	1.6	67.57	7.18	22.82	4.9	78.8	2.75	-194	clear, sulfur odor
1417	3.0	69	1.6	67.57	7.17	22.85	4.5	78.6	2.79	-172	clear, sulfur odor

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1331	1417	1.6	69	1 ABOVE SCREEN 3 SCREENS	78.68	67.57	1420	MWC017-WG030205-0001

Notes: started drilling ~1400

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: March 2005 Sampling - C-6 Torrance	**Date:** 3/3/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: XMW-09	**Weather:** NC
Measurement Point Description: TOC - Northside	**Pump Intake:** ~ 68
	Screen: 66-81

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	② 64.51 ① 64.51	76.50	11.99	---	8	24	4	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; no tubing in well used 100ft TAIT tubing; soft bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1045	0.5	4	0.8	65.58	6.20	23.06	66.5	0.206	0.00	+91	mostly clear, odorless
1049	1.0	8	1.0	65.69	6.27	23.11	22.1	0.216	0.00	+78	clear, odorless
1053	1.5	12	1.0	65.67	6.30	23.12	15.6	0.219	0.00	+76	clear, odorless
1056	2.0	16	1.3	65.67	6.32	23.09	10.9	0.224	0.00	+75	clear, odorless
1100	2.5	20	1.0	65.67	6.33	23.15	5.9	0.220	0.00	+74	clear, odorless
1104	3.0	24	1.0	65.67	6.34	23.13	6.3	0.224	0.00	+74	clear, odorless

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
1040	1104	1.0	24	3	66.91	65.67	1110	XMW-09-WG0303-05-0001

Notes: Purged casing volumes due to dis.

ft-bmp = feet below measuring point

BOE-C6-0011614

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE C-6	**Date:** 3/3/05
Project No.: EM 2303D	**Prepared By:** SY
Well Identification: XMW-19	**Weather:** OVERCAST
Measurement Point Description: TOC MARK	**Pump Intake:** ~ 64' **Screen:** 63 - 79

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	59.90 (59.90)	77.01	17.0	---	N/A	N/A	N/A	2.0	10.4	5.2

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: GOOD / Soft bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (m S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:04	Above	2.0	0.5	60.05	6.24	23.01	580	20.5	0.75	+74	Light cloudy/No odor
11:12	0.5	7.4	0.7	60.15	6.53	23.41	314	19.5	0.0	+53	Clear / No odor
11:20	1.0	12.4	0.7	60.22	6.60	23.70	280	19.4	0.0	+47	" " "
11:31	1.5	17.6	0.5	60.30	6.79	23.62	198	19.9	0.0	+32	" " "
11:38	2.0	22.8	0.7	60.33	6.88	23.74	164	20.6	0.0	+19	" " "
11:48	2.5	28.0	0.7	60.41	6.97	23.95	113	21.9	0.0	+12	" " "
11:56	3.0	33.2	0.7	60.44	7.03	23.40	98	22.2	0.0	+12	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
11:00	11:56	0.8	33.2	—	63.0	60.30	12:00	XMW-19_WG030305-0001

Notes:

USE 100' TAIT TUBING

ft-bmp = feet below measuring point

BOE-C6-0011615

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: March 2005 Sampling - BRC C-6	**Date:** 3/3/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: WCC-TS	**Weather:** sunny, cool, ~65°F
Measurement Point Description: TOC = Notch	**Pump Intake:** ~66
	Screen: 60-90

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	① 62.98 ② 62.98	90.40	27.42	---	18	54	9	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: well cap not on tight, Well lid missing bolts.

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1225	0.5	9	1.5	63.40	6.87	23.19	21.1	0.189	4.22	+80	clear, odorless
1231	1.0	18	1.5	63.40	6.88	23.19	8.3	0.188	4.06	+70	clear, odorless
1236	1.5	27	1.8	63.42	6.87	23.16	2.9	0.176	3.61	+61	clear, odorless
1241	2.0	36	1.8	63.42	6.86	23.14	1.2	0.163	3.09	+70	clear, odorless
1246	2.5	45	1.8	63.42	6.85	23.12	1.1	0.157	2.99	+73	clear, odorless
1251	3.0	54	1.8	63.42	6.84	23.14	1.1	0.161	2.92	+71	clear, odorless

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
1219	1251	1.7	54	3	68.46	63.42	1255	WCC_TS_WG030305_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011616

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE C-6		**Date:** 3/3/05	
Project No.: EM 2303D		**Prepared By:** SY	
Well Identification: CMW001		**Weather:** sunny	
Measurement Point Description: TOC MARK		**Pump Intake:** ~ 70'	**Screen:** 99 - 124

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	66.11 / 66.11	124.28	58.2	---	N/A	N/A	N/A	21.4	16.3	8.2

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good / Very soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:58	Above	21.4	0.6	71.08	7.13	23.38	17.2	78.7	0.0	-157	Clear / No odor
13:09	0.5	29.6	1.9	75.56	7.21	23.40	43.0	83.7	0.0	-156	" " "
13:22	1.0	37.8	1.6	76.10	7.24	23.42	30.0	88.8	0.0	-161	" " "
13:34	1.5	46.0	1.8	76.89	7.26	23.43	28.1	89.3	0.0	-171	" " "
13:47	2.0	54.2	1.6	77.59	7.28	23.42	30.5	89.7	0.0	-175	" " "
14:00	2.5	62.4	1.6	77.91	7.28	23.42	14.2	88.6	0.0	-177	" " "
14:11	3.0	70.6	1.8	78.20	7.29	23.44	3.2	88.7	0.0	-180	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:45	14:11	1.8	70.6	—	78.0	77.90	14:18	CMW001_WG030305_0001

Notes:

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: March 2005 Sampling - BRC C-6	**Date:** 3/3/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWB012	**Weather:** Sunny, ~70°
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~66

Screen: 64.5 - 84.5

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D 1.1 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	② 63.40 ① 63.40	84.10	20.70	---	—	—	—	= 1 gal	= 13 gal	6.5

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; semi-soft well bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1352	ABOVE	1.0	1.0	63.70	6.88	22.27	45.9	0.168	4.55	+106	clear, odorless
1357	0.5 SCREEN	7.5	1.3	63.72	6.87	22.45	27.2	0.169	5.00	+80	clear, odorless
1401	1.0	14	1.6	63.75	6.88	22.44	5.3	0.169	5.37	+66	clear, odorless
1406	1.5	20.5	1.3	63.76	6.88	22.47	11.9	0.167	5.37	+64	clear, odorless
1410	2.0	27	1.6	63.77	6.88	22.47	1.9	0.169	5.63	+68	clear, odorless
1414	2.5	33.5	1.6	63.77	6.88	22.44	2.6	0.187	5.67	+75	clear, odorless
1418	3.0	40	1.6	63.77	6.87	22.45	1.8	0.197	5.68	+80	clear, odorless

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
1351	1418	1.5	40	1 ABOVE SCREEN 3 SCREENS	67.54	63.77	1420	MWB012_WG030305_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011618

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name:	**Date:** 3/4/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWC002	**Weather:** Sunny, cool, ~65°F
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~ 67
	Screen: 99-124

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	② 64.57							34.43 ft	25 ft	
---	① 64.57	124.20	59.63	---	—	—	—	= 22 gal	= 16 gal	8

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; soft well bottom, diff. to gauge TD due to depth

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1156	ABOVE	22	1.6	64.94	6.70	23.01	6.9	87.0	0.00	-92	clear, odorless
1201	0.5 SCREEN	30	1.6	64.95	6.75	23.01	14.5	87.6	0.00	-85	clear, odorless
1206	1.0	38	1.6	64.95	6.77	23.04	22.4	87.6	0.00	-86	clear, odorless
1211	1.5	46	1.6	64.95	6.78	22.99	22.8	87.7	0.00	-87	clear, odorless
1216	2.0	54	1.6	64.95	6.80	23.04	13.4	88.0	0.00	-84	clear, odorless
1221	2.5	62	1.6	64.95	6.82	23.07 NC	3.7	87.4	0.00	-82	clear, odorless
1226	3.0	70	1.6	64.95	6.83	23.06	0.7	87.9	0.00	-82	clear, odorless

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
1142	1226	1.6	70	1 ABOVE SCREEN 3 SCREENS	76.50	64.95	1230	CMW002_WG030405_0001

Notes: Collected equip. blank EB_TAIT030405_0001 @ 1120

ft-bmp = feet below measuring point

BOE-C6-0011619

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Torrance C-6	**Date:** 3/4/05
Project No.: EM 2303D	**Prepared By:** SY
Well Identification: BL-03	**Weather:** Partially cloudy
Measurement Point Description: TOC NORTH	**Pump Intake:** ~ 73'
	Screen: 59-79

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	69.65 / 69.65	80.70	11.1	---	1.8	5.4	0.9	N/A	N/A	N/A

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Bad / Broken Casing, Broken well box / Soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:28	0.5	0.9	0.2	69.95	6.42	24.04	50.5	0.281	2.47	-119	Clear/No odor
12:31	1.0	1.8	0.3	70.05	6.71	24.21	30.0	0.266	2.90	-86	" " "
12:33	1.5	2.7	0.5	70.10	6.81	24.33	10.9	0.265	3.54	-41	" " "
12:35	2.0	3.6	0.5	70.13	6.84	24.31	8.3	0.265	3.98	-22	" " "
12:37	2.5	4.5	0.5	70.14	6.87	24.42	3.3	0.265	3.95	-2	" " "
12:39	3.0	5.4	0.5	70.15	6.88	24.40	1.0	0.265	3.96	+10	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:24	12:39	0.5	5.4	3	72.0	70.05	12:43	BL-03_WG030405_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011620

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: March 2005 Sampling BRC C-6	**Date:** 3/4/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWC016	**Weather:** sunny, cool, ~65°
Measurement Point Description: TOC-Northside	**Pump Intake:** ~ 68 — **Screen:** 102.5-127.5

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	② 64.23							38.27 ft	25 ft	
---	① 64.23	128.00	63.77	---	—	—	—	=25 gal	=16 gal	8

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" submersible pump w/ dedicated tubing.

Well Condition: good, in-well tubing fell to bottom of well, used TAIT tubing.

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1344	ABOVE	25	1.6	64.76	6.97	22.36	0.0	97.8	4.54	+135	clear, odorless
1350	0.5 SCREEN	33	1.3	64.74	7.00	22.35	0.0	0.121 S/m	5.88	+152	clear, odorless
1355	1.0	41	1.6	64.78	7.01	22.34	0.0	0.127 S/m	6.19	+163	clear, odorless
1400	1.5	49	1.6	64.79	7.02	22.30	0.0	0.127 S/m	6.27	+168	clear, odorless
1405	2.0	57	1.6	64.80 NC	7.02	22.33	0.0	0.125 S/m	6.29	+172	clear, odorless
1410	2.5	65	1.6	64.81	7.02	22.31	0.0	0.126 S/m	6.31	+178	clear, odorless
1415	3.0	73	1.6	64.81	7.02	22.35	0.0	0.124 S/m	6.34	+184	clear, odorless

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
1328	1415	1.6	73	1 ABOVE SCREEN 3 SCREENS	76.98	64.81	1420	MWC016_WG030405_0001

Notes: Difficult to gauge TD due to depth of well.

ft-bmp = feet below measuring point

BOE-C6-0011621

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE C-6		**Date:** 3/4/05	
Project No.: EM 2303D		**Prepared By:** SY	
Well Identification: DAC-P1		**Weather:** SUNNY	
Measurement Point Description: TOC MARK		**Pump Intake:** ~ 66'	**Screen:** 60-90

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	64.94 / 64.94	90.50	24.6	---	16.6	49.8	8.3	N/A	N/A	N/A

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: GOOD / soft @ bottom

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:50	0.5	8.3	1.2	66.43	6.93	24.0	63.1	0.258	0.36	-8	clear / No odor
13:57	1.0	16.6	1.2	66.51	6.98	24.03	16.3	0.241	0.85	-29	" " "
14:04	1.5	24.9	1.2	66.50	6.99	24.08	4.7	0.243	0.75	-23	" " "
14:11	2.0	33.2	1.2	66.55	7.01	24.32	0.0	0.246	0.98	+7	" " "
14:18	2.5	41.5	1.2	66.63	7.02	24.42	0.0	0.250	1.15	+43	" " "
14:23	3.0	49.8	1.2	66.62	7.02	24.39	0.0	0.248	2.28	+52	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
13:43	14:23	1.2	49.8	3	70.8	66.60	14:25	DAC-P1_WG030405_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011622

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: March 2005 Sampling BRC C-6 Torrance	**Date:** 3/7/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: CMW026	**Weather:** sunny ~70°
Measurement Point Description: TOC - Blackmark	**Pump Intake:** ~68' **Screen:** 92-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D 21.54 ft	Screen Volume (Screen length x D) 25 ft	½ screen Volume
---	② 62.96 ① 62.96	118.40	55.44	---	—	—	—	= 19 gal	= 16 gal	8

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; difficult to gauge TD due to depth of well; soft bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1021 NC	ABOVE	19	1.6	64.45	6.37	22.51	0.0	0.175	0.00	-195	clear, odorless
1026	0.5 SCREEN	27	1.6	64.46	6.40	22.55	0.0	0.177	0.00	-188	clear, odorless
1031	1.0	35	1.6	64.47	6.43	22.56	0.0	0.172	0.00	-177	clear, odorless
1037	1.5	43	1.3	64.48	6.43	22.61	0.0	0.164	0.00	-169	clear, odorless
1042	2.0	51	1.6	64.48	6.43	22.58	0.0	0.165	0.00	-160	clear, odorless
1047	2.5	59	1.6	64.49	6.43	22.61	0.0	0.160	0.00	-153	clear, odorless
1052	3.0	67	1.6	64.49	6.42	22.60	0.0	0.161	0.00	-149	clear, odorless

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
1009	1052	1.6	67	1 ABOVE SCREEN 3 SCREEN	74.08	64.49	1055	CMW026-WG030705_0001

Notes: Collected equipment blank EB_TAITO30705_0001 @ 1000

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Torrance C-6		**Date:** 3/7/05	
Project No.: EM 2303D		**Prepared By:** SY	
Well Identification: WCC-4S		**Weather:** SUNNY	
Measurement Point Description: TOC MARK		**Pump Intake:** ~ 64'	**Screen:** 70.5 – 90.5

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW) x D	Screen Volume (Screen length x D)	½ screen Volume
---	62.13 / 62.13	89.75	27.62	---	N/A	N/A	N/A	5.4	13	6.5

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Bad, Broken box, No [redacted] BOX LID / Semi-hard

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/M)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
10:43	Above	5.4	0.5	62.47	6.81	24.87	21.0	0.312	1.89	-32	Clear / No odor
10:50	0.5	11.9	0.8	62.50	6.91	24.19	8.9	0.298	1.29	-10	" " "
10:56	1.0	18.4	1.4	62.52	6.92	24.19	10.1	0.302	1.00	-8	" " "
11:02	1.5	24.9	0.9	62.54	6.94	24.77	10.3	0.288	0.85	-14	" " "
11:07	2.0	31.4	1.1	62.60	6.97	23.88	0.0	0.329	0.70	-63	" " "
11:12	2.5	37.9	1.1	62.65	7.00	23.91	0.0	0.303	0.26	-93	" " "
11:17	3.0	44.4	1.1	62.69	7.03	23.94	0.0	0.309	0.0	-97	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
10:30	11:17	1.0	44.4	—	67.7	62.50	11:17	WCC-4S_WG030705_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0011624

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Project Name: March 2005 Sampling BRC C-6 Torrance	**Date:** 3/7/05
Project No.: EM 2303A	**Prepared By:** NC
Well Identification: MWC015	**Weather:** Sunny, ~70°F
Measurement Point Description: TOC - Blackmark	**Pump Intake:** 2' 68 — **Screen:** 100 - 125

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
	② 62.72							37.28 ft	25 ft	
---	① 62.72	120.30	57.58	---	—	—	—	= 24 gal	= 16 gal	8

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good; semi-soft well bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1227	ABOVE	24	1.7	63.32	7.48	22.32	0.2	68.0	0.00	+26	clear, odorless
1232	0.5	32	1.6	63.33	7.22	22.34	0.0	75.6	0.00	+26	clear, odorless
1237	1.0	40	1.6	63.34	7.20	22.34	0.0	75.5	0.00	+23	clear, odorless
1242	1.5	48	1.6	63.34	7.17	22.36	0.0	76.0	0.00	+17	clear, odorless
1247	2.0	56	1.6	63.34	7.16	22.36	0.0	76.2	0.00	+16	clear, odorless
1252	2.5	64	1.6	63.34	7.14	22.36	0.0	76.3	0.00	+15	clear, odorless
1257	3.0	72	1.6	63.34	7.14	22.35	0.0	76.2	0.00	+15	clear, odorless

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
1213	1257	1.6	72	1 ABOVE SCREEN 3 SCREENS	74.24	63.34	1300	MWC015_WG030305_0001

Notes:

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: TORRANCE C-6		**Date:** 3/7/05	
Project No.: EM 2303D		**Prepared By:** SY	
Well Identification: MWB005		**Weather:** SUNNY	
Measurement Point Description: TOC ~~MOP~~ SY MARK		**Pump Intake:** ~ 66'	**Screen:** 65-85

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	62.90/62.91	87.75	24.8	---	N/A	N/A	N/A	1.4	13.0	6.5

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good / Semi-hard @ bottom

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
12:40	Above	1.4	0.5	63.05	6.88	23.06	49.7	0.234	1.60	-62	Clear/No odor
12:45	0.5	7.9	1.3	63.04	6.81	23.52	33.0	0.227	1.20	-157	" " "
12:51	1.0	14.4	1.1	63.06	6.82	23.46	25.9	0.233	1.10	-154	" " "
12:57	1.5	20.9	1.1	63.10	6.84	23.22	20.2	0.243	0.85	-120	" " "
13:05	2.0	27.4	1.1	63.13	6.85	23.03	19.0	0.245	0.56	-85	" " "
13:07	2.5	33.9	1.3	63.15	6.85	23.07	17.5	0.244	0.41	-74	" " "
13:13	3.0	40.4	1.1	63.17	6.85	23.40	14.3	0.245	0.19	-60	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:37	13:13	1.1	40.4	—	67.9	63.09	13:17	MWB005-WG030705-0001

Notes:

ft-bmp = feet below measuring point

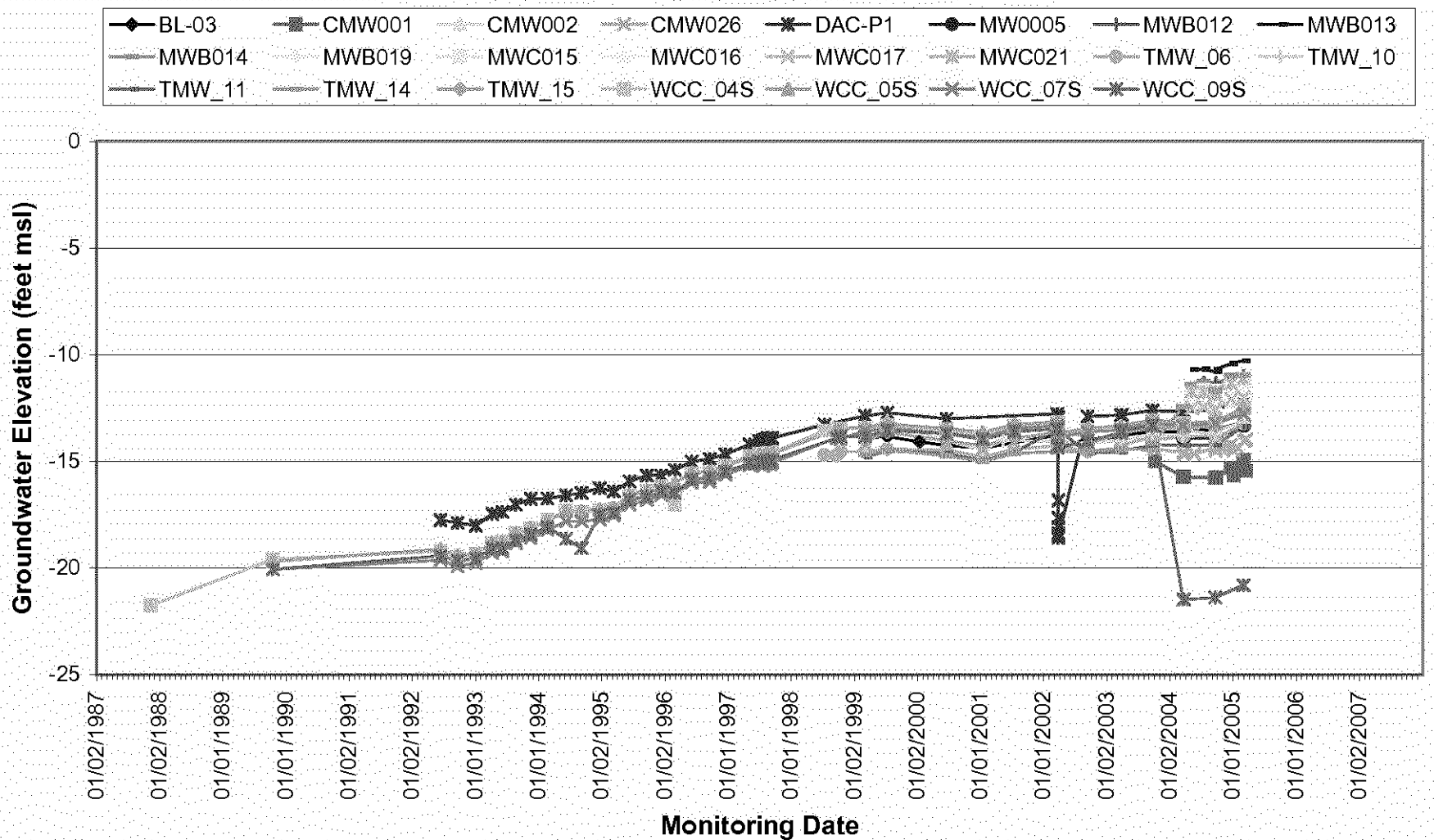
BOE-C6-0011626

Appendix C

Groundwater Level Hydrographs and VOCs versus Time Graphs

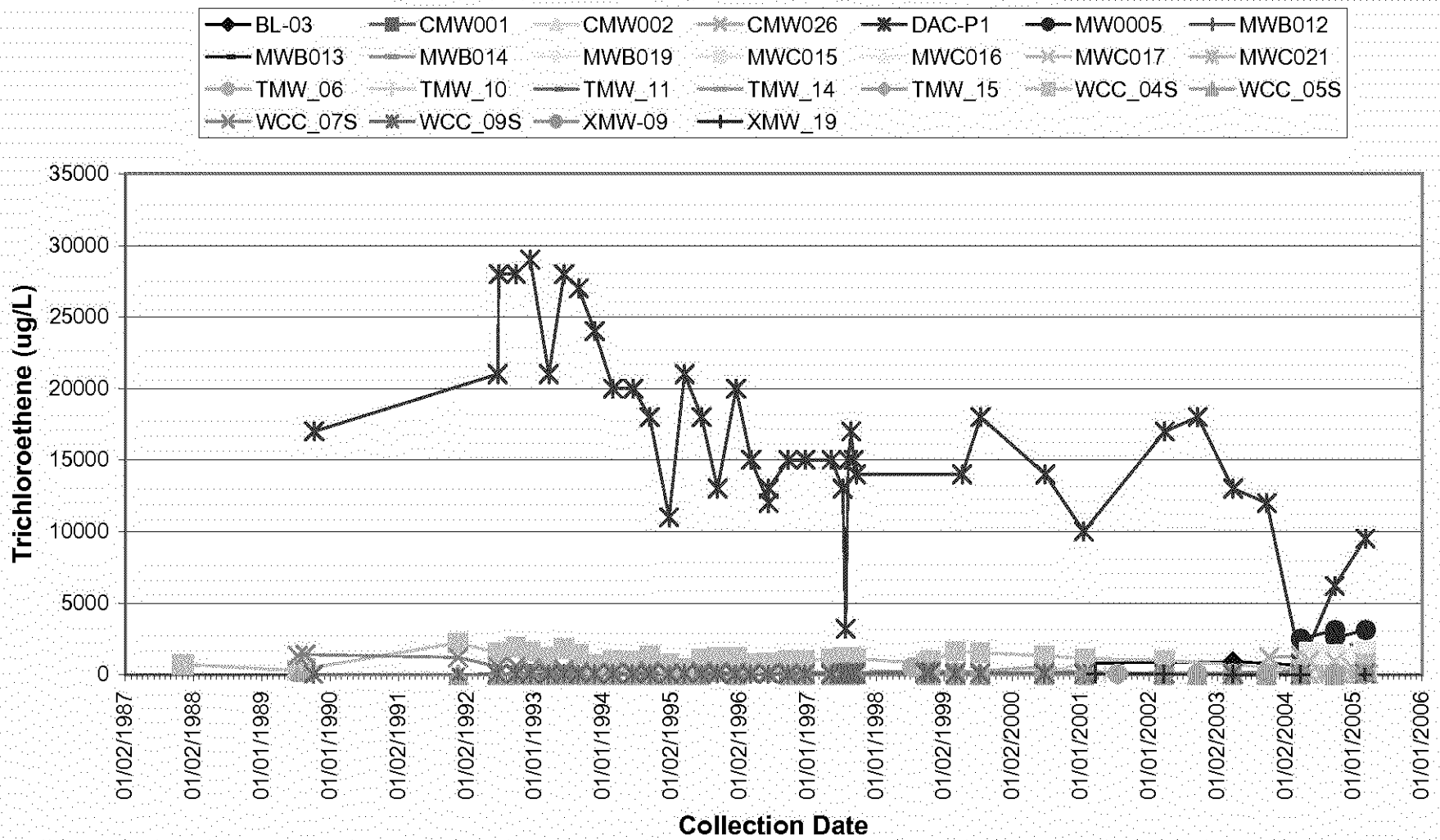
RUBICON
Engineering Corporation

C-6 GW Elevation Hydrograph
BRC Former C-6 Facility, Torrance, CA



Date Created: 5/10/2005 11:09 AM

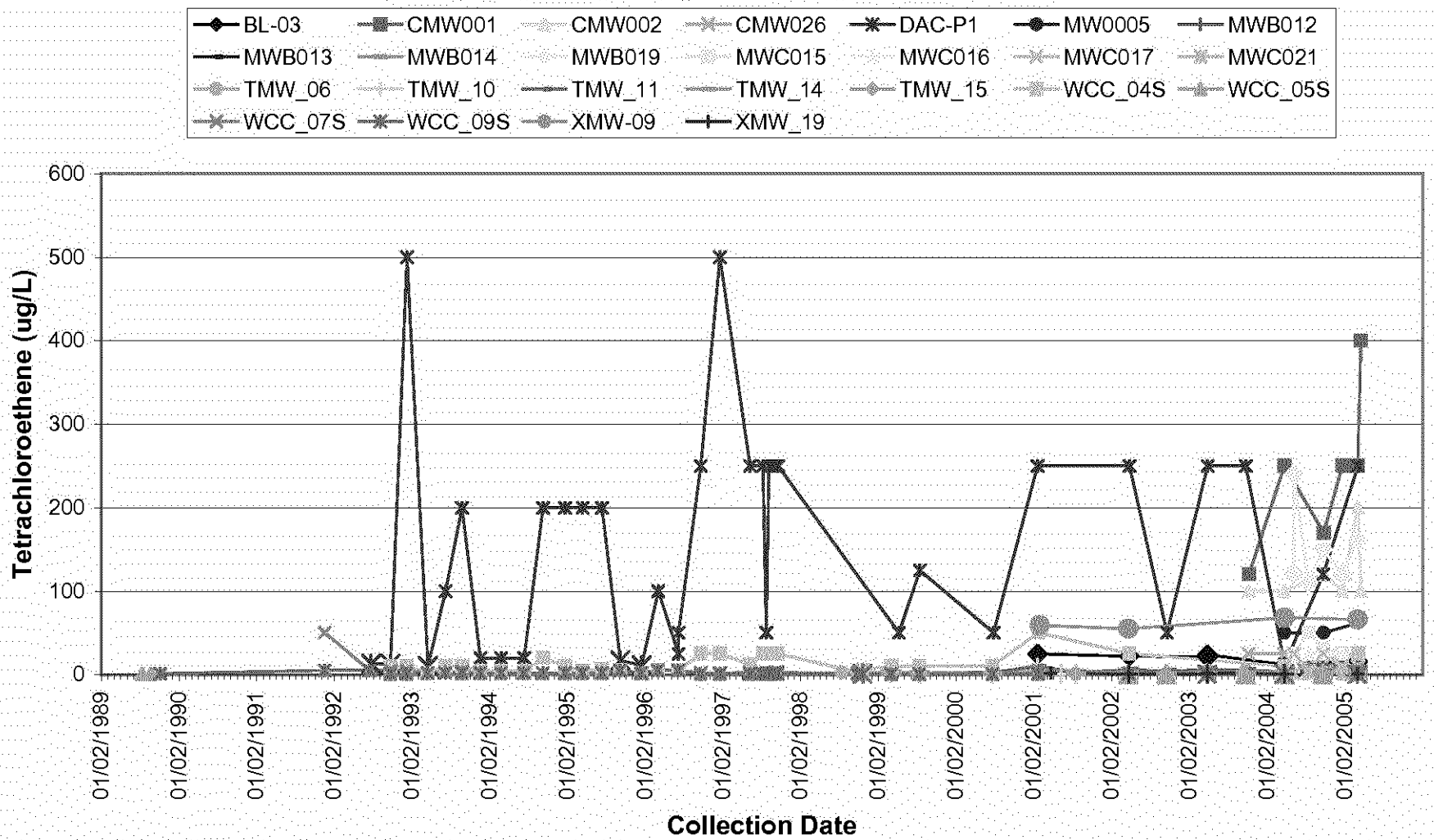
Trichloroethene Chart
BRC Former C-6 Facility, Torrance, CA



Date Created: 5/10/2005 11:08 AM

NOTE: Detects are indicated by large (8-point) data markers. The legend displays small (5-point) non-detect data markers for reference.

Tetrachloroethene Chart
BRC Former C-6 Facility, Torrance, CA



Date Created: 5/10/2005 11:08 AM

NOTE: Detects are indicated by large (8-point) data markers. The legend displays small (5-point) non-detect data markers for reference.

Appendix D

Laboratory reports and Chain of custodies

BOE-C6-0011631

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
TAIT ENVIRONMENTAL MANAGEMENT	MEHMET PEHLIVAN	3/1/05	183504

Address	Telephone Number (Area Code)/Fax Number	Lab Number	Page 1 of 1
701 N. PARKCENTER DR.	(714) 560-8200 / 560-8235		

City	State	Zip Code	Site Contact	Lab Contact
SANTA ANA	CA	92705	N. CHANDRAN	D. SUZUKI

Project Name and Location (State)	Carrier/Waybill Number
MAR 2005 SAMPLING - BRC C-6 TORRANCE	

Contract/Purchase Order/Quote No.

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Matrix: Aqueous	Matrix: Sed	Matrix: Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): 8260B	Special Instructions/ Conditions of Receipt
TB-TAIT030105-0001	3/1/05	—		X						3			X	
EB-TAIT030105-0001	↓	0930		X						3			X	
DB-TAIT030105-0001	↓	1000		X						3			X	
20 MWB013-WG030105-0001	↓	1110		X			3			3			X	3 non-preserved
21 MWCC-5S-WG030105-0001	↓	1157		X			3			3			X	1/2-size VOAs
22 TMW-10-WG030105-0001	↓	1320		X			3			3			X	included for backup
23 MWC021-WG030105-0001	↓	1445		X			3			3			X	
23 MWC021-WG030105-0002	↓	1445		X			3			3			X	
24 TMW-11-WG030105-0001	↓	1540		X			3			3			X	
FB-TAIT030105-0001	↓	1430		X						3			X	
25 TMW-14-WG030105-0001	↓	1510		X			3			3			X	

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 1 month)

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

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Mitya Chandran	3/1/05	1545	1. Received By: D. Blade	3/1/05	1545
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

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

BOE-C6-0011632

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET PEHLIVAN	Date: 3/2/05	Chain of Custody Number: 183515
Address: 701 N. PARKCENTER DR	Telephone Number (Area Code)/Fax Number: (714) 560-8200 / 560-8235	Lab Number:	Page 1 of 1
City: SANTA ANA; State: CA; Zip Code: 92705	Site Contact: N. CHANDRAN; Lab Contact: D. SUZUKI		
Project Name and Location (State): MARCH 2005 SAMPLING PROC-6 TORRANCE	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No:			

Analysis (Attach list if more space is needed)

	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		Special Instructions/ Conditions of Receipt
	TB_TAIT030205_0001	3/2/05	—		X						3			X	
	EB_TAIT030205-0001	↓	0825		X						3			X	
	DB_TAIT030205_0001	↓	0830		X						3			X	
14	TMW-15_WG030205_0001	↓	1050		X			3			3			X	Non preserved
15	MWB014-WG030205-0001	↓	1040		X			3			3			X	½ size VOAs
15	MWB014-WG030205-0002	↓	1040		X			3			3			X	(per well) included
16	MWB011_WG030205-0001	↓	1205		X			3			3			X	[illegible]
17	WCC_95_WG030205_0001	↓	1240		X			3			3			X	
	[illegible]_TAIT030205_0001	↓	1036		X						3			X	
18	MWC017_WG030205_0001	↓	1420		X			3			3			X	
19	TMW_06_WG030205_0001	↓	1428		X			3			3			X	

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 1 month)

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

QC Requirements (Specify):

	Date	Time		Date	Time
1 Relinquished By: [illegible] Chandran	3/2/05	1500	1 Received By: [illegible]	[illegible]	[illegible]
2 Relinquished By:			2 Received By:		
3 Relinquished By:			3 Received By:		

Comments:

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

BOE-C6-0011633

Chain of Custody Record

SEVERN TRENT **STL**
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET DEHLIVAN	Date: 3/3/05	Chain of Custody Number: 183505
Address: 701 N PARKCENTER DR.	Telephone Number (Area Code)/Fax Number: (714) 560-8200 / 560-8235	Lab Number:	Page 1 of 1
City: SANTA ANA; State: CA; Zip Code: 92705	Site Contact: N. CHANDRAN; Lab Contact: D SUZUKI		
Project Name and Location (State): MARCH 2005 SAMPLING FOR C-6 TORRANCE	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

	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): 8260 B	Special Instructions/ Conditions of Receipt
	TB_TAIT030305_0001	3/3/05	—		X						3			X	
	DB_TAIT030305_0001	↓	0945		X						3			X	
9	XMW_09_WG030305_0001	↓	1110		X			3			3			X	Half-size VOAs
10	XMW_19_WG030305_0001	↓	1200		X			3			3			X	(3 per well)
	FB_TAIT030305_0001	↓	1115		X						3			X	included as
11	WCC_TS_WG030305_0001	↓	1255		X			3			3			X	backup
12	CMW001_WG030305_0001	↓	1418		X			3			3			X	
	EB_TAIT030305_0001	↓	1330		X						3			X	
13	MWB012_WG030305_0001	↓	1420		X			3			3			X	

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 1 month)

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

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Mutya Chandran	3/3/05	1450	1. Received By: R. [illegible]	[illegible]	[illegible]
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

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

BOE-C6-0011634

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET PEHLIVAN	Date: 3/4/05	Chain of Custody Number: 183506
Address: 701 N. PARKCENTER DR.	Telephone Number (Area Code)/Fax Number: (714) 560-8200 / 560-6235	Lab Number:	Page 1 of 1
City: ANTA ANA; State: CA; Zip Code: 92705	Site Contact: N. CHANDRAN; Lab Contact: D. SUZUKI		
Project Name and Location (State): MARCH 2005 SAMPLING [illegible] TORRANCE	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

Matrix: Air, Aqueous, Sed, Soil

Containers & Preservatives: Unpres, H2SO4, HNO3, HCl, NaOH, ZnAc/NaOH

Analysis (Attach list if more space is needed): 8260B

	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	8260B	Special Instructions/ Conditions of Receipt
	TB_TAIT030405_0001	3/4/05	—		X						3			X	
	DB_TAIT030405_0001	↓	1000		X						3			X	
	FB_TAIT030405_0001	↓	1120		X						3			X	
5	MW002_WG030405_0001	↓	1230		X			3			3			X	1/2 size VOAs
6	EL_03_WG030405_0001	↓	1245		X			3			3			X	included
7	MW016_WG030405_0001	↓	1420		X			3			3			X	(3 per well)
	FB_TAIT030405_0001	↓	1405		X						3			X	is backup
8	[illegible]_WG030405_0001	↓	1425		X			3			3			X	

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 1 month)

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

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Mitya Chandran	3/4/05	1445	1. Received By: [illegible]	[illegible]	[illegible]
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

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

BOE-C6-0011635

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: TAIT ENVIRONMENTAL MANAGEMENT	Project Manager: MEHMET PEHLIVAN	Date: 3/7/05	Chain of Custody Number: 183514
Address: 701 N. PARKCENTER DR.	Telephone Number (Area Code)/Fax Number: (714) 560-8200 / 560-8255	Lab Number:	Page 1 of 1
City: SANTA ANA; State: CA; Zip Code: 92705	Site Contact: N. CHANDRAN; Lab Contact: D. SUZUKI		
Project Name and Location (State): MARCH 2005 SAMPLING PRC C-6 TORRANCE	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.:			

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): 8260	Special Instructions/ Conditions of Receipt
TB_TAIT030705_0001	3/7/05	—		X						3			X	
DB_TAIT030705_0001	↓	0915		X						3			X	
EB_TAIT030705_0001	↓	1000		X						3			X	
1 CMW020_WG030705_0001	↓	1055		X			3			3			X	1/2-size VOAs
2 WCC_4S_WG030705_0001	↓	1107		X			3			3			X	included
EB_TAIT030705_0001	↓	1057		X						3			X	(Upper well)
3 MWC015_WG030705_0001	↓	1300		X			3			3			X	is backup
4 MWC005_WG030705_0001	↓	1317		X			3			3			X	

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 1 month)

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

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Nutya Chandran	3/7/05	1345	1. Received By: [illegible]	[illegible]	[illegible]
2. Relinquished By:			2. Received By:		
3. Relinquished By:			3. Received By:		

Comments:

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

BOE-C6-0011636

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 10, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5C010334

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MW8013_WG030105_0001 03/01/05 11:10	**004**			
Chloroform	0.51 J	1.0	ug/L	SW846 8260B
Trichloroethene	6.6	1.0	ug/L	SW846 8260B
Bromodichloromethane	0.43 J	1.0	ug/L	SW846 8260B
WCC_5S_WG030105_0001 03/01/05 11:57	**005**			
Chlorobenzene	0.58 J	1.0	ug/L	SW846 8260B
TMW_10_WG030105_0001 03/01/05 13:20	**006**			
Dichlorodifluoromethane	3.9	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	2.0	2.0	ug/L	SW846 8260B
Chloroform	3.3	1.0	ug/L	SW846 8260B
Trichloroethene	6.6	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.2	1.0	ug/L	SW846 8260B
MWCO21_WG030105_0001 03/01/05 14:45	**007**			
1,1-Dichloroethene	0.68 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.40 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.4	1.0	ug/L	SW846 8260B
Chloroform	0.33 J	1.0	ug/L	SW846 8260B
Trichloroethene	10	1.0	ug/L	SW846 8260B
MWCO21_WG030105_0002 03/01/05 14:45	**008**			
1,1-Dichloroethene	0.72 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.41 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.4	1.0	ug/L	SW846 8260B
Chloroform	0.34 J	1.0	ug/L	SW846 8260B
Trichloroethene	10	1.0	ug/L	SW846 8260B
TMW_11_WG030105_0001 03/01/05 13:40	**009**			
Chloroform	230	5.0	ug/L	SW846 8260B
Trichloroethene	3.8 J	5.0	ug/L	SW846 8260B
Tetrachloroethene	3.2 J	5.0	ug/L	SW846 8260B
Chlorobenzene	1.9 J	5.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E5C010334

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TMW_14_WG030105_0001 03/01/05 15:10 011				
cis-1,2-Dichloroethene	0.48 J	1.0	ug/L	SW846 8260B
Chloroform	2.6	1.0	ug/L	SW846 8260B
Carbon tetrachloride	1.5	0.50	ug/L	SW846 8260B
Trichloroethene	8.1	1.0	ug/L	SW846 8260B
Tetrachloroethene	2.5	1.0	ug/L	SW846 8260B
Chlorobenzene	0.39 J	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E5C010334

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

E5C010334

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G5CH3	001	TB_TAIT030105_0001	03/01/05	
G5CH6	002	EB_TAIT030105_0001	03/01/05	09:30
G5CH7	003	DB_TAIT030105_0001	03/01/05	10:00
G5CH9	004	MW8013_WG030105_0001	03/01/05	11:10
G5CJA	005	WCC_5S_WG030105_0001	03/01/05	11:57
G5CJD	006	TMW_10_WG030105_0001	03/01/05	13:20
G5CJE	007	MWCO21_WG030105_0001	03/01/05	14:45
G5CJF	008	MWCO21_WG030105_0002	03/01/05	14:45
G5CJM	009	TMW_11_WG030105_0001	03/01/05	13:40
G5CJN	010	FB_TAIT030105_0001	03/01/05	14:30
G5CJP	011	TMW_14_WG030105_0001	03/01/05	15:10

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: TB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-001 **Work Order #...:** G5CH31AA **Matrix.....:** WG
Date Sampled...: 03/01/05 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **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	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)

Tait Environmental

Client Sample ID: TB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-001 **Work Order #...:** G5CH31AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: EB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-002 **Work Order #...:** G5CH61AA **Matrix.....:** WG
Date Sampled...: 03/01/05 09:30 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **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	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)

Tait Environmental

Client Sample ID: EB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-002 **Work Order #...:** G5CH61AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	81	(65 - 135)
Toluene-d8	102	(80 - 130)

Tait Environmental

Client Sample ID: DB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-003 **Work Order #...:** G5CH71AA **Matrix.....:** WG
Date Sampled...: 03/01/05 10:00 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **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	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)

Tait Environmental

Client Sample ID: DB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-003 **Work Order #...:** G5CH71AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	82	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: MW8013_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-004 **Work Order #...:** G5CH91AA **Matrix.....:** WG
Date Sampled...: 03/01/05 11:10 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **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	**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	**6.6**	**1.0**	**ug/L**
Bromodichloromethane	**0.43 J**	**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)

Tait Environmental

Client Sample ID: MW8013_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-004 **Work Order #...:** G5CH91AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: WCC_5S_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-005 **Work Order #...:** G5CJA1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 11:57 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **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	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	**0.58 J**	**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_5S_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-005 **Work Order #...:** G5CJA1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
Toluene-d8	104	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: TMW_10_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-006 **Work Order #...:** G5CJD1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 13:20 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**3.9**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**2.0**	**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	**3.3**	**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	**6.6**	**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	**1.2**	**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_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-006 **Work Order #...:** G5CJD1AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	82	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: MWCO21_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-007 **Work Order #...:** G5CJE1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 14:45 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5062450 **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	**0.68 J**	**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	**0.40 J**	**1.0**	**ug/L**
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**3.4**	**1.0**	**ug/L**
Chloroform	**0.33 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	**10**	**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)

Tait Environmental

Client Sample ID: MWCO21_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-007 **Work Order #...:** G5CJE1AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	84	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWCO21_WG030105_0002

GC/MS Volatiles

Lot-Sample #...: E5C010334-008 **Work Order #...:** G5CJF1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 14:45 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5062450 **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	**0.72 J**	**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	**0.41 J**	**1.0**	**ug/L**
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**3.4**	**1.0**	**ug/L**
Chloroform	**0.34 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	**10**	**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)

Tait Environmental

Client Sample ID: MWCO21_WG030105_0002

GC/MS Volatiles

Lot-Sample #...: E5C010334-008 **Work Order #...:** G5CJF1AA **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	84	(65 - 135)
Toluene-d8	104	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: TMW_11_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-009 **Work Order #...:** G5CJM1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 13:40 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5062450 **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	ND	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	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
Chloroform	**230**	**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	**3.8 J**	**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	**1.9 J**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: TMW_11_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-009 **Work Order #...:** G5CJM1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	77	(65 - 135)
Toluene-d8	105	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: FB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-010 **Work Order #...:** G5CJN1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 14:30 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450 **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	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)

Tait Environmental

Client Sample ID: FB_TAIT030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-010 **Work Order #...:** G5CJN1AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	82	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: TMW_14_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-011 **Work Order #...:** G5CJP1AA **Matrix.....:** WG
Date Sampled...: 03/01/05 15:10 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5062450 **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	**0.48 J**	**1.0**	**ug/L**
Chloroform	**2.6**	**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	**1.5**	**0.50**	**ug/L**
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	**8.1**	**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	**2.5**	**1.0**	**ug/L**
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	**0.39 J**	**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_WG030105_0001

GC/MS Volatiles

Lot-Sample #...: E5C010334-011 **Work Order #...:** G5CJP1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E5C010334

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		5062450	5062267
002	WG	SW846 8260B		5062450	5062267
003	WG	SW846 8260B		5062450	5062267
004	WG	SW846 8260B		5062450	5062267
005	WG	SW846 8260B		5062450	5062267
006	WG	SW846 8260B		5062450	5062267
007	WG	SW846 8260B		5062450	5062267
008	WG	SW846 8260B		5062450	5062267
009	WG	SW846 8260B		5062450	5062267
010	WG	SW846 8260B		5062450	5062267
011	WG	SW846 8260B		5062450	5062267

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C030000-450

Prep Date.....: 03/02/05
Analysis Date..: 03/02/05 **Prep Batch #...:** 5062450

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AA **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	79	(65 - 135)
Toluene-d8	103	(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 #...: E5C010334 **Work Order #...:** G5HLV1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C030000-450
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	119	(40 - 160)	SW846 8260B
Chloromethane	72	(60 - 140)	SW846 8260B
Chloroethane	95	(60 - 140)	SW846 8260B
Bromomethane	99	(60 - 140)	SW846 8260B
t-Butanol	84	(40 - 150)	SW846 8260B
Trichlorofluoromethane	84	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	91	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**91**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	82	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	83	(70 - 130)	SW846 8260B
Carbon disulfide	125	(70 - 130)	SW846 8260B
Acetone	79	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	83	(70 - 130)	SW846 8260B
1,1-Dichloroethane	82	(70 - 130)	SW846 8260B
Dibromomethane	73	(70 - 130)	SW846 8260B
2,2-Dichloropropane	106	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	85	(70 - 130)	SW846 8260B
Chloroform	80	(70 - 130)	SW846 8260B
Bromochloromethane	89	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	86	(70 - 130)	SW846 8260B
2-Butanone	104	(60 - 140)	SW846 8260B
1,1-Dichloropropene	91	(70 - 130)	SW846 8260B
1,2-Dichloropropane	85	(70 - 130)	SW846 8260B
Carbon tetrachloride	84	(70 - 130)	SW846 8260B
1,3-Dichloropropane	80	(70 - 130)	SW846 8260B
1,2-Dibromoethane	78	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	92	(70 - 130)	SW846 8260B
Benzene	**86**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	82	(70 - 130)	SW846 8260B
Trichloroethene	**86**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	86	(70 - 130)	SW846 8260B
Isopropyl ether	91	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	116	(60 - 140)	SW846 8260B
Naphthalene	86	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C030000-450

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**91**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	81	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	98	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	100	(70 - 130)	SW846 8260B
1,2-Dichloroethane	71	(70 - 130)	SW846 8260B
Tetrachloroethene	88	(70 - 130)	SW846 8260B
2-Hexanone	113	(60 - 140)	SW846 8260B
Dibromochloromethane	86	(70 - 130)	SW846 8260B
Chlorobenzene	**84**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	91	(70 - 130)	SW846 8260B
Ethylbenzene	94	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	92	(70 - 130)	SW846 8260B
Vinyl chloride	99	(60 - 140)	SW846 8260B
o-Xylene	99	(70 - 130)	SW846 8260B
Styrene	96	(70 - 130)	SW846 8260B
Bromoform	76	(70 - 130)	SW846 8260B
Isopropylbenzene	88	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	73	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	74	(70 - 130)	SW846 8260B
n-Propylbenzene	92	(70 - 130)	SW846 8260B
Bromobenzene	86	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	92	(70 - 130)	SW846 8260B
2-Chlorotoluene	89	(70 - 130)	SW846 8260B
4-Chlorotoluene	90	(70 - 130)	SW846 8260B
tert-Butylbenzene	94	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	90	(70 - 130)	SW846 8260B
sec-Butylbenzene	95	(70 - 130)	SW846 8260B
p-Isopropyltoluene	86	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	81	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	78	(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	73	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	87	(70 - 130)	SW846 8260B
Hexachlorobutadiene	87	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C030000-450

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	81	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	76	(65 - 135)
Toluene-d8	107	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C030000-450
Prep Date.....: 03/02/05 **Analysis Date..:** 03/02/05
Prep Batch #...: 5062450

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	11.9	ug/L	119	SW846 8260B
Chloromethane	10.0	7.22	ug/L	72	SW846 8260B
Chloroethane	10.0	9.53	ug/L	95	SW846 8260B
Bromomethane	10.0	9.86	ug/L	99	SW846 8260B
t-Butanol	50.0	41.8	ug/L	84	SW846 8260B
Trichlorofluoromethane	10.0	8.40	ug/L	84	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.09	ug/L	91	SW846 8260B
1,1-Dichloroethene	**10.0**	**9.12**	**ug/L**	**91**	**SW846 8260B**
Methylene chloride	10.0	8.17	ug/L	82	SW846 8260B
Methyl tert-butyl ether	10.0	8.34	ug/L	83	SW846 8260B
Carbon disulfide	50.0	62.7	ug/L	125	SW846 8260B
Acetone	50.0	39.5	ug/L	79	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.32	ug/L	83	SW846 8260B
1,1-Dichloroethane	10.0	8.22	ug/L	82	SW846 8260B
Dibromomethane	10.0	7.29	ug/L	73	SW846 8260B
2,2-Dichloropropane	10.0	10.6	ug/L	106	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.49	ug/L	85	SW846 8260B
Chloroform	10.0	8.04	ug/L	80	SW846 8260B
Bromochloromethane	10.0	8.92	ug/L	89	SW846 8260B
1,1,1-Trichloroethane	10.0	8.57	ug/L	86	SW846 8260B
2-Butanone	50.0	52.1	ug/L	104	SW846 8260B
1,1-Dichloropropene	10.0	9.10	ug/L	91	SW846 8260B
1,2-Dichloropropane	10.0	8.49	ug/L	85	SW846 8260B
Carbon tetrachloride	10.0	8.42	ug/L	84	SW846 8260B
1,3-Dichloropropane	10.0	8.03	ug/L	80	SW846 8260B
1,2-Dibromoethane	10.0	7.78	ug/L	78	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.25	ug/L	92	SW846 8260B
Benzene	**10.0**	**8.65**	**ug/L**	**86**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.24	ug/L	82	SW846 8260B
Trichloroethene	**10.0**	**8.62**	**ug/L**	**86**	**SW846 8260B**
Bromodichloromethane	10.0	8.58	ug/L	86	SW846 8260B
Isopropyl ether	10.0	9.08	ug/L	91	SW846 8260B
4-Methyl-2-pentanone	50.0	57.9	ug/L	116	SW846 8260B
Naphthalene	10.0	8.60	ug/L	86	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C030000-450

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.14**	**ug/L**	**91**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.07	ug/L	81	SW846 8260B
Tert-amyl methyl ether	10.0	9.75	ug/L	98	SW846 8260B
Tert-butyl ethyl ether	10.0	10.0	ug/L	100	SW846 8260B
1,2-Dichloroethane	10.0	7.08	ug/L	71	SW846 8260B
Tetrachloroethene	10.0	8.79	ug/L	88	SW846 8260B
2-Hexanone	50.0	56.3	ug/L	113	SW846 8260B
Dibromochloromethane	10.0	8.59	ug/L	86	SW846 8260B
Chlorobenzene	**10.0**	**8.43**	**ug/L**	**84**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	9.08	ug/L	91	SW846 8260B
Ethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
m-Xylene & p-Xylene	20.0	18.4	ug/L	92	SW846 8260B
Vinyl chloride	10.0	9.93	ug/L	99	SW846 8260B
o-Xylene	10.0	9.91	ug/L	99	SW846 8260B
Styrene	10.0	9.55	ug/L	96	SW846 8260B
Bromoform	10.0	7.64	ug/L	76	SW846 8260B
Isopropylbenzene	10.0	8.77	ug/L	88	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.34	ug/L	73	SW846 8260B
1,2,3-Trichloropropane	10.0	7.41	ug/L	74	SW846 8260B
n-Propylbenzene	10.0	9.15	ug/L	92	SW846 8260B
Bromobenzene	10.0	8.56	ug/L	86	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.19	ug/L	92	SW846 8260B
2-Chlorotoluene	10.0	8.93	ug/L	89	SW846 8260B
4-Chlorotoluene	10.0	9.04	ug/L	90	SW846 8260B
tert-Butylbenzene	10.0	9.35	ug/L	94	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.99	ug/L	90	SW846 8260B
sec-Butylbenzene	10.0	9.48	ug/L	95	SW846 8260B
p-Isopropyltoluene	10.0	8.64	ug/L	86	SW846 8260B
1,3-Dichlorobenzene	10.0	8.10	ug/L	81	SW846 8260B
1,4-Dichlorobenzene	10.0	7.83	ug/L	78	SW846 8260B
n-Butylbenzene	10.0	8.97	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	7.31	ug/L	73	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.73	ug/L	87	SW846 8260B
Hexachlorobutadiene	10.0	8.72	ug/L	87	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C010334 **Work Order #...:** G5HLV1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C030000-450

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.09	ug/L	81	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	76	(65 - 135)
Toluene-d8	107	(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 #...: E5C010334 **Work Order #...:** G5CH91AC-MS **Matrix.....:** WG
MS Lot-Sample #: E5C010334-004 G5CH91AD-MSD
Date Sampled...: 03/01/05 11:10 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5062450

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	88	(65 - 135)			SW846 8260B
	85	(65 - 135)	3.2	(0-25)	SW846 8260B
Benzene	85	(75 - 125)			SW846 8260B
	82	(75 - 125)	4.1	(0-25)	SW846 8260B
Trichloroethene	82	(75 - 135)			SW846 8260B
	76	(75 - 135)	3.9	(0-25)	SW846 8260B
Toluene	90	(75 - 125)			SW846 8260B
	87	(75 - 125)	3.8	(0-25)	SW846 8260B
Chlorobenzene	83	(75 - 125)			SW846 8260B
	81	(75 - 125)	2.7	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	81	(65 - 135)
	80	(65 - 135)
Toluene-d8	106	(80 - 130)
	106	(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 #...: E5C010334 **Work Order #...:** G5CH91AC-MS **Matrix.....:** WG
MS Lot-Sample #: E5C010334-004 G5CH91AD-MSD
Date Sampled...: 03/01/05 11:10 **Date Received..:** 03/01/05 17:30
Prep Date.....: 03/02/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5062450

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	8.82	ug/L	88		SW846 8260B
	ND	10.0	8.54	ug/L	85	3.2	SW846 8260B
Benzene	ND	10.0	8.51	ug/L	85		SW846 8260B
	ND	10.0	8.17	ug/L	82	4.1	SW846 8260B
Trichloroethene	6.6	10.0	14.7	ug/L	82		SW846 8260B
	6.6	10.0	14.2	ug/L	76	3.9	SW846 8260B
Toluene	ND	10.0	9.02	ug/L	90		SW846 8260B
	ND	10.0	8.68	ug/L	87	3.8	SW846 8260B
Chlorobenzene	ND	10.0	8.33	ug/L	83		SW846 8260B
	ND	10.0	8.11	ug/L	81	2.7	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	81	(65 - 135)
	80	(65 - 135)
Toluene-d8	106	(80 - 130)
	106	(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

Mehmet Pehlivan

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 10, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5C020391

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
EB_TAIT030205_0001 03/02/05 08:25 002				
Trichloroethene	0.51 J	1.0	ug/L	SW846 8260B
DB_TAIT030205_0001 03/02/05 08:30 003				
Trichloroethene	0.55 J	1.0	ug/L	SW846 8260B
TMW_15_WG030205_0001 03/02/05 10:50 004				
1,1-Dichloroethene	1.2	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	1.7	1.0	ug/L	SW846 8260B
Chloroform	3.4	1.0	ug/L	SW846 8260B
Trichloroethene	14	1.0	ug/L	SW846 8260B
Chlorobenzene	0.56 J	1.0	ug/L	SW846 8260B
MWBO14_WG030205_0001 03/02/05 10:40 005				
1,1-Dichloroethene	22	10	ug/L	SW846 8260B
Chloroform	640	10	ug/L	SW846 8260B
Trichloroethene	310	10	ug/L	SW846 8260B
MWBO14_WG030205_0002 03/02/05 10:40 006				
1,1-Dichloroethene	23	10	ug/L	SW846 8260B
Chloroform	620	10	ug/L	SW846 8260B
Trichloroethene	320	10	ug/L	SW846 8260B
Tetrahydrofuran	30 J	100	ug/L	SW846 8260B
MWBO19_WG030205_0001 03/02/05 12:05 007				
Chloroform	2400	50	ug/L	SW846 8260B
Trichloroethene	110	50	ug/L	SW846 8260B
Tetrachloroethene	160	50	ug/L	SW846 8260B
WCC_9S_WG030205_0001 03/02/05 12:40 008				
Dichlorodifluoromethane	1.4	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	0.70 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	3.0	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	1.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.3	1.0	ug/L	SW846 8260B
Chloroform	10	1.0	ug/L	SW846 8260B
Trichloroethene	41	1.0	ug/L	SW846 8260B
Tetrachloroethene	0.38 J	1.0	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E5C020391

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
WCC_9S_WG030205_0001 03/02/05 12:40 008				
Iodomethane	1.0 J	2.0	ug/L	SW846 8260B
FB_TAIT030205_0001 03/02/05 10:36 009				
Trichloroethene	0.99 J	1.0	ug/L	SW846 8260B
MWC017_WG030205_0001 03/02/05 14:20 010				
1,1-Dichloroethene	97	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	12	10	ug/L	SW846 8260B
Chloroform	76	10	ug/L	SW846 8260B
Trichloroethene	850	10	ug/L	SW846 8260B
TMW_06_WG030205_0001 03/02/05 14:28 011				
1,1-Dichloroethene	14	5.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.1 J	5.0	ug/L	SW846 8260B
Chloroform	46	5.0	ug/L	SW846 8260B
Trichloroethene	150	5.0	ug/L	SW846 8260B

METHODS SUMMARY

E5C020391

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

E5C020391

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G5FDK	001	TB_TAIT030205_0001	03/02/05	
G5FDL	002	EB_TAIT030205_0001	03/02/05	08:25
G5FDM	003	DB_TAIT030205_0001	03/02/05	08:30
G5FDP	004	TMW_15_WG030205_0001	03/02/05	10:50
G5FDR	005	MWBO14_WG030205_0001	03/02/05	10:40
G5FDT	006	MWBO14_WG030205_0002	03/02/05	10:40
G5FDV	007	MWBO19_WG030205_0001	03/02/05	12:05
G5FDW	008	WCC_9S_WG030205_0001	03/02/05	12:40
G5FDX	009	FB_TAIT030205_0001	03/02/05	10:36
G5FD0	010	MWC017_WG030205_0001	03/02/05	14:20
G5FD1	011	TMW_06_WG030205_0001	03/02/05	14:28

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: TB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-001 **Work Order #...:** G5FDK1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5063357 **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	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)

Tait Environmental

Client Sample ID: TB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-001 **Work Order #...:** G5FDK1AA **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	90	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	105	(80 - 130)

Tait Environmental

Client Sample ID: EB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-002 **Work Order #...:** G5FDL1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 08:25 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5063357 **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	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	**0.51 J**	**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)

Tait Environmental

Client Sample ID: EB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-002 **Work Order #...:** G5FDL1AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	104	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: DB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-003 **Work Order #...:** G5FDM1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 08:30 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/07/05 **Analysis Date..:** 03/07/05
Prep Batch #...: 5066607 **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	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	**0.55 J**	**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)

Tait Environmental

Client Sample ID: DB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-003 **Work Order #...:** G5FDM1AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: TMW_15_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-004 **Work Order #...:** G5FDP1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 10:50 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/07/05 **Analysis Date..:** 03/07/05
Prep Batch #...: 5066607 **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	**1.2**	**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	**1.7**	**1.0**	**ug/L**
Chloroform	**3.4**	**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	**14**	**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	**0.56 J**	**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_15_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-004 **Work Order #...:** G5FDP1AA **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	90	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWBO14_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-005 **Work Order #...:** G5FDR1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 10:40 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5063357 **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	**22**	**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	**640**	**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	**310**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: MWBO14_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-005 **Work Order #...:** G5FDR1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	89	(65 - 135)
Toluene-d8	106	(80 - 130)

Tait Environmental

Client Sample ID: MWBO14_WG030205_0002

GC/MS Volatiles

Lot-Sample #...: E5C020391-006 **Work Order #...:** G5FDT1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 10:40 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5063357 **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	**23**	**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	**620**	**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	**320**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: MWBO14_WG030205_0002

GC/MS Volatiles

Lot-Sample #...: E5C020391-006 **Work Order #...:** G5FDT1AA **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	**30 J**	**100**	**ug/L**
Vinyl acetate	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	88	(65 - 135)
Toluene-d8	106	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWBO19_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-007 **Work Order #...:** G5FDV1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 12:05 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	**2400**	**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	**110**	**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	**160**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: MWBO19_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-007 **Work Order #...:** G5FDV1AA **Matrix.....:** WG

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	83	(65 - 135)
Toluene-d8	105	(80 - 130)

Tait Environmental

Client Sample ID: WCC_9S_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-008 **Work Order #...:** G5FDW1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 12:40 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5063357 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**1.4**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**0.70 J**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**3.0**	**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	**1.1**	**1.0**	**ug/L**
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**3.3**	**1.0**	**ug/L**
Chloroform	**10**	**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	**41**	**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	**0.38 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_9S_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-008 **Work Order #...:** G5FDW1AA **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	**1.0 J**	**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	90	(75 - 130)
1,2-Dichloroethane-d4	89	(65 - 135)
Toluene-d8	106	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: FB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-009 **Work Order #...:** G5FDX1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 10:36 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5063357 **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	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	**0.99 J**	**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)

Tait Environmental

Client Sample ID: FB_TAIT030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-009 **Work Order #...:** G5FDX1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC017_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-010 **Work Order #...:** G5FD01AA **Matrix.....:** WG
Date Sampled...: 03/02/05 14:20 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	**97**	**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	**12**	**10**	**ug/L**
Chloroform	**76**	**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	**850**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: MWC017_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-010 **Work Order #...:** G5FD01AA **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	82	(65 - 135)
Toluene-d8	106	(80 - 130)

Tait Environmental

Client Sample ID: TMW_06_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-011 **Work Order #...:** G5FD11AA **Matrix.....:** WG
Date Sampled...: 03/02/05 14:28 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/04/05 **Analysis Date..:** 03/05/05
Prep Batch #...: 5066534 **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	**14**	**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	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
cis-1,2-Dichloroethene	**2.1 J**	**5.0**	**ug/L**
Chloroform	**46**	**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	**150**	**5.0**	**ug/L**
Bromodichloromethane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	25	ug/L
Toluene	ND	5.0	ug/L
1,1,2-Trichloroethane	ND	5.0	ug/L
1,2-Dichloroethane	ND	2.5	ug/L
Tetrachloroethene	ND	5.0	ug/L
2-Hexanone	ND	25	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Vinyl chloride	ND	2.5	ug/L
Xylenes (total)	ND	5.0	ug/L
Styrene	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L

(Continued on next page)

Tait Environmental

Client Sample ID: TMW_06_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-011 **Work Order #...:** G5FD11AA **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	84	(65 - 135)
Toluene-d8	104	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E5C020391

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		5063357	5063209
002	WG	SW846 8260B		5063357	5063209
003	WG	SW846 8260B		5066607	5066403
004	WG	SW846 8260B		5066607	5066403
005	WG	SW846 8260B		5063357	5063209
006	WG	SW846 8260B		5063357	5063209
007	WG	SW846 8260B		5066534	5066337
008	WG	SW846 8260B		5063357	5063209
009	WG	SW846 8260B		5063357	5063209
010	WG	SW846 8260B		5066534	5066337
011	WG	SW846 8260B		5066534	5066337

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C040000-357

Prep Date.....: 03/03/05
Analysis Date..: 03/03/05 **Prep Batch #...:** 5063357

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	88	(65 - 135)
Toluene-d8	105	(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 #...: E5C020391 **Work Order #...:** G5PEA1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C070000-534

Prep Date.....: 03/04/05
Analysis Date..: 03/04/05 **Prep Batch #...:** 5066534

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PEA1AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	84	(65 - 135)
Toluene-d8	102	(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 #...: E5C020391 **Work Order #...:** G5PMA1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C070000-607

Prep Date.....: 03/07/05
Analysis Date..: 03/07/05 **Prep Batch #...:** 5066607

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PMA1AA **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	95	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	102	(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 #...: E5C020391 **Work Order #...:** G5KKE1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C040000-357
Prep Date.....: 03/03/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5063357

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	124	(40 - 160)	SW846 8260B
Chloromethane	76	(60 - 140)	SW846 8260B
Chloroethane	98	(60 - 140)	SW846 8260B
Bromomethane	126	(60 - 140)	SW846 8260B
t-Butanol	86	(40 - 150)	SW846 8260B
Trichlorofluoromethane	90	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	96	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**96**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	87	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	90	(70 - 130)	SW846 8260B
Carbon disulfide	126	(70 - 130)	SW846 8260B
Acetone	91	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	89	(70 - 130)	SW846 8260B
1,1-Dichloroethane	87	(70 - 130)	SW846 8260B
Dibromomethane	82	(70 - 130)	SW846 8260B
2,2-Dichloropropane	102	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	88	(70 - 130)	SW846 8260B
Chloroform	84	(70 - 130)	SW846 8260B
Bromochloromethane	94	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	89	(70 - 130)	SW846 8260B
2-Butanone	111	(60 - 140)	SW846 8260B
1,1-Dichloropropene	92	(70 - 130)	SW846 8260B
1,2-Dichloropropane	88	(70 - 130)	SW846 8260B
Carbon tetrachloride	87	(70 - 130)	SW846 8260B
1,3-Dichloropropane	88	(70 - 130)	SW846 8260B
1,2-Dibromoethane	84	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	94	(70 - 130)	SW846 8260B
Benzene	**89**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	83	(70 - 130)	SW846 8260B
Trichloroethene	**87**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	90	(70 - 130)	SW846 8260B
Isopropyl ether	97	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	124	(60 - 140)	SW846 8260B
Naphthalene	94	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C040000-357

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**94**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	87	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	96	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	99	(70 - 130)	SW846 8260B
1,2-Dichloroethane	80	(70 - 130)	SW846 8260B
Tetrachloroethene	89	(70 - 130)	SW846 8260B
2-Hexanone	120	(60 - 140)	SW846 8260B
Dibromochloromethane	91	(70 - 130)	SW846 8260B
Chlorobenzene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	93	(70 - 130)	SW846 8260B
Ethylbenzene	97	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	96	(70 - 130)	SW846 8260B
Vinyl chloride	102	(60 - 140)	SW846 8260B
o-Xylene	101	(70 - 130)	SW846 8260B
Styrene	100	(70 - 130)	SW846 8260B
Bromoform	78	(70 - 130)	SW846 8260B
Isopropylbenzene	90	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	80	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	79	(70 - 130)	SW846 8260B
n-Propylbenzene	95	(70 - 130)	SW846 8260B
Bromobenzene	91	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	96	(70 - 130)	SW846 8260B
2-Chlorotoluene	93	(70 - 130)	SW846 8260B
4-Chlorotoluene	96	(70 - 130)	SW846 8260B
tert-Butylbenzene	96	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	94	(70 - 130)	SW846 8260B
sec-Butylbenzene	98	(70 - 130)	SW846 8260B
p-Isopropyltoluene	91	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	86	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	85	(70 - 130)	SW846 8260B
n-Butylbenzene	96	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	87	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	72	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	93	(70 - 130)	SW846 8260B
Hexachlorobutadiene	95	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C040000-357

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	90	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
Toluene-d8	110	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C040000-357
Prep Date.....: 03/03/05 **Analysis Date..:** 03/03/05
Prep Batch #...: 5063357

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	12.4	ug/L	124	SW846 8260B
Chloromethane	10.0	7.63	ug/L	76	SW846 8260B
Chloroethane	10.0	9.84	ug/L	98	SW846 8260B
Bromomethane	10.0	12.6	ug/L	126	SW846 8260B
t-Butanol	50.0	43.1	ug/L	86	SW846 8260B
Trichlorofluoromethane	10.0	8.98	ug/L	90	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.64	ug/L	96	SW846 8260B
1,1-Dichloroethene	**10.0**	**9.58**	**ug/L**	**96**	**SW846 8260B**
Methylene chloride	10.0	8.70	ug/L	87	SW846 8260B
Methyl tert-butyl ether	10.0	8.98	ug/L	90	SW846 8260B
Carbon disulfide	50.0	62.9	ug/L	126	SW846 8260B
Acetone	50.0	45.7	ug/L	91	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.91	ug/L	89	SW846 8260B
1,1-Dichloroethane	10.0	8.72	ug/L	87	SW846 8260B
Dibromomethane	10.0	8.21	ug/L	82	SW846 8260B
2,2-Dichloropropane	10.0	10.2	ug/L	102	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.84	ug/L	88	SW846 8260B
Chloroform	10.0	8.44	ug/L	84	SW846 8260B
Bromochloromethane	10.0	9.45	ug/L	94	SW846 8260B
1,1,1-Trichloroethane	10.0	8.86	ug/L	89	SW846 8260B
2-Butanone	50.0	55.5	ug/L	111	SW846 8260B
1,1-Dichloropropene	10.0	9.16	ug/L	92	SW846 8260B
1,2-Dichloropropane	10.0	8.77	ug/L	88	SW846 8260B
Carbon tetrachloride	10.0	8.74	ug/L	87	SW846 8260B
1,3-Dichloropropane	10.0	8.78	ug/L	88	SW846 8260B
1,2-Dibromoethane	10.0	8.39	ug/L	84	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.40	ug/L	94	SW846 8260B
Benzene	**10.0**	**8.89**	**ug/L**	**89**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.30	ug/L	83	SW846 8260B
Trichloroethene	**10.0**	**8.74**	**ug/L**	**87**	**SW846 8260B**
Bromodichloromethane	10.0	9.02	ug/L	90	SW846 8260B
Isopropyl ether	10.0	9.72	ug/L	97	SW846 8260B
4-Methyl-2-pentanone	50.0	62.2	ug/L	124	SW846 8260B
Naphthalene	10.0	9.44	ug/L	94	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C040000-357

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	8.66	ug/L	87	SW846 8260B
Tert-amyl methyl ether	10.0	9.55	ug/L	96	SW846 8260B
Tert-butyl ethyl ether	10.0	9.92	ug/L	99	SW846 8260B
1,2-Dichloroethane	10.0	8.04	ug/L	80	SW846 8260B
Tetrachloroethene	10.0	8.88	ug/L	89	SW846 8260B
2-Hexanone	50.0	60.1	ug/L	120	SW846 8260B
Dibromochloromethane	10.0	9.14	ug/L	91	SW846 8260B
Chlorobenzene	**10.0**	**8.78**	**ug/L**	**88**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	9.28	ug/L	93	SW846 8260B
Ethylbenzene	10.0	9.69	ug/L	97	SW846 8260B
m-Xylene & p-Xylene	20.0	19.2	ug/L	96	SW846 8260B
Vinyl chloride	10.0	10.2	ug/L	102	SW846 8260B
o-Xylene	10.0	10.1	ug/L	101	SW846 8260B
Styrene	10.0	10.0	ug/L	100	SW846 8260B
Bromoform	10.0	7.78	ug/L	78	SW846 8260B
Isopropylbenzene	10.0	8.99	ug/L	90	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.01	ug/L	80	SW846 8260B
1,2,3-Trichloropropane	10.0	7.93	ug/L	79	SW846 8260B
n-Propylbenzene	10.0	9.52	ug/L	95	SW846 8260B
Bromobenzene	10.0	9.07	ug/L	91	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.62	ug/L	96	SW846 8260B
2-Chlorotoluene	10.0	9.32	ug/L	93	SW846 8260B
4-Chlorotoluene	10.0	9.64	ug/L	96	SW846 8260B
tert-Butylbenzene	10.0	9.57	ug/L	96	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.39	ug/L	94	SW846 8260B
sec-Butylbenzene	10.0	9.83	ug/L	98	SW846 8260B
p-Isopropyltoluene	10.0	9.10	ug/L	91	SW846 8260B
1,3-Dichlorobenzene	10.0	8.64	ug/L	86	SW846 8260B
1,4-Dichlorobenzene	10.0	8.49	ug/L	85	SW846 8260B
n-Butylbenzene	10.0	9.60	ug/L	96	SW846 8260B
1,2-Dichlorobenzene	10.0	8.69	ug/L	87	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.20	ug/L	72	SW846 8260B
1,2,4-Trichloro-benzene	10.0	9.31	ug/L	93	SW846 8260B
Hexachlorobutadiene	10.0	9.54	ug/L	95	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5KKE1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C040000-357

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.98	ug/L	90	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	101	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
Toluene-d8	110	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	68	(40 - 160)	SW846 8260B
Chloromethane	113	(60 - 140)	SW846 8260B
Chloroethane	81	(60 - 140)	SW846 8260B
Bromomethane	89	(60 - 140)	SW846 8260B
t-Butanol	133	(40 - 150)	SW846 8260B
Trichlorofluoromethane	54 a	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	53 a	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**85**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	72	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	50 a	(70 - 130)	SW846 8260B
Carbon disulfide	109	(70 - 130)	SW846 8260B
Acetone	94	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	86	(70 - 130)	SW846 8260B
1,1-Dichloroethane	86	(70 - 130)	SW846 8260B
Dibromomethane	80	(70 - 130)	SW846 8260B
2,2-Dichloropropane	9.8 a	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	91	(70 - 130)	SW846 8260B
Chloroform	87	(70 - 130)	SW846 8260B
Bromochloromethane	84	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	70	(70 - 130)	SW846 8260B
2-Butanone	118	(60 - 140)	SW846 8260B
1,1-Dichloropropene	78	(70 - 130)	SW846 8260B
1,2-Dichloropropane	90	(70 - 130)	SW846 8260B
Carbon tetrachloride	61 a	(70 - 130)	SW846 8260B
1,3-Dichloropropane	85	(70 - 130)	SW846 8260B
1,2-Dibromoethane	81	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	68 a	(70 - 130)	SW846 8260B
Benzene	**90**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	54 a	(70 - 130)	SW846 8260B
Trichloroethene	**90**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	88	(70 - 130)	SW846 8260B
Isopropyl ether	96	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	120	(60 - 140)	SW846 8260B
Naphthalene	80	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**94**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	85	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	23 a	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	21 a	(70 - 130)	SW846 8260B
1,2-Dichloroethane	79	(70 - 130)	SW846 8260B
Tetrachloroethene	81	(70 - 130)	SW846 8260B
2-Hexanone	111	(60 - 140)	SW846 8260B
Dibromochloromethane	84	(70 - 130)	SW846 8260B
Chlorobenzene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	88	(70 - 130)	SW846 8260B
Ethylbenzene	95	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)	SW846 8260B
Vinyl chloride	82	(60 - 140)	SW846 8260B
o-Xylene	102	(70 - 130)	SW846 8260B
Styrene	98	(70 - 130)	SW846 8260B
Bromoform	70	(70 - 130)	SW846 8260B
Isopropylbenzene	85	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	76	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	80	(70 - 130)	SW846 8260B
n-Propylbenzene	92	(70 - 130)	SW846 8260B
Bromobenzene	92	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	94	(70 - 130)	SW846 8260B
2-Chlorotoluene	95	(70 - 130)	SW846 8260B
4-Chlorotoluene	97	(70 - 130)	SW846 8260B
tert-Butylbenzene	93	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	94	(70 - 130)	SW846 8260B
sec-Butylbenzene	89	(70 - 130)	SW846 8260B
p-Isopropyltoluene	85	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	87	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	85	(70 - 130)	SW846 8260B
n-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	88	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	67	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	95	(70 - 130)	SW846 8260B
Hexachlorobutadiene	84	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	85	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	104	(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 #...: E5C020391 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	6.76	ug/L	68	SW846 8260B
Chloromethane	10.0	11.3	ug/L	113	SW846 8260B
Chloroethane	10.0	8.12	ug/L	81	SW846 8260B
Bromomethane	10.0	8.89	ug/L	89	SW846 8260B
t-Butanol	50.0	66.7	ug/L	133	SW846 8260B
Trichlorofluoromethane	10.0	5.40 a	ug/L	54	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	5.29 a	ug/L	53	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.50**	**ug/L**	**85**	**SW846 8260B**
Methylene chloride	10.0	7.18	ug/L	72	SW846 8260B
Methyl tert-butyl ether	10.0	5.04 a	ug/L	50	SW846 8260B
Carbon disulfide	50.0	54.4	ug/L	109	SW846 8260B
Acetone	50.0	47.0	ug/L	94	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.61	ug/L	86	SW846 8260B
1,1-Dichloroethane	10.0	8.58	ug/L	86	SW846 8260B
Dibromomethane	10.0	8.01	ug/L	80	SW846 8260B
2,2-Dichloropropane	10.0	0.982 a	ug/L	9.8	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.12	ug/L	91	SW846 8260B
Chloroform	10.0	8.68	ug/L	87	SW846 8260B
Bromochloromethane	10.0	8.43	ug/L	84	SW846 8260B
1,1,1-Trichloroethane	10.0	7.02	ug/L	70	SW846 8260B
2-Butanone	50.0	58.8	ug/L	118	SW846 8260B
1,1-Dichloropropene	10.0	7.76	ug/L	78	SW846 8260B
1,2-Dichloropropane	10.0	8.96	ug/L	90	SW846 8260B
Carbon tetrachloride	10.0	6.12 a	ug/L	61	SW846 8260B
1,3-Dichloropropane	10.0	8.51	ug/L	85	SW846 8260B
1,2-Dibromoethane	10.0	8.12	ug/L	81	SW846 8260B
cis-1,3-Dichloropropene	10.0	6.85 a	ug/L	68	SW846 8260B
Benzene	**10.0**	**9.04**	**ug/L**	**90**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	5.43 a	ug/L	54	SW846 8260B
Trichloroethene	**10.0**	**9.01**	**ug/L**	**90**	**SW846 8260B**
Bromodichloromethane	10.0	8.84	ug/L	88	SW846 8260B
Isopropyl ether	10.0	9.55	ug/L	96	SW846 8260B
4-Methyl-2-pentanone	50.0	59.9	ug/L	120	SW846 8260B
Naphthalene	10.0	8.05	ug/L	80	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.44**	**ug/L**	**94**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.47	ug/L	85	SW846 8260B
Tert-amyl methyl ether	10.0	2.26 a	ug/L	23	SW846 8260B
Tert-butyl ethyl ether	10.0	2.12 a	ug/L	21	SW846 8260B
1,2-Dichloroethane	10.0	7.87	ug/L	79	SW846 8260B
Tetrachloroethene	10.0	8.13	ug/L	81	SW846 8260B
2-Hexanone	50.0	55.5	ug/L	111	SW846 8260B
Dibromochloromethane	10.0	8.35	ug/L	84	SW846 8260B
Chlorobenzene	**10.0**	**8.80**	**ug/L**	**88**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.75	ug/L	88	SW846 8260B
Ethylbenzene	10.0	9.52	ug/L	95	SW846 8260B
m-Xylene & p-Xylene	20.0	18.9	ug/L	94	SW846 8260B
Vinyl chloride	10.0	8.23	ug/L	82	SW846 8260B
o-Xylene	10.0	10.2	ug/L	102	SW846 8260B
Styrene	10.0	9.80	ug/L	98	SW846 8260B
Bromoform	10.0	7.05	ug/L	70	SW846 8260B
Isopropylbenzene	10.0	8.52	ug/L	85	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.57	ug/L	76	SW846 8260B
1,2,3-Trichloropropane	10.0	7.95	ug/L	80	SW846 8260B
n-Propylbenzene	10.0	9.17	ug/L	92	SW846 8260B
Bromobenzene	10.0	9.23	ug/L	92	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
2-Chlorotoluene	10.0	9.47	ug/L	95	SW846 8260B
4-Chlorotoluene	10.0	9.69	ug/L	97	SW846 8260B
tert-Butylbenzene	10.0	9.27	ug/L	93	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
sec-Butylbenzene	10.0	8.94	ug/L	89	SW846 8260B
p-Isopropyltoluene	10.0	8.49	ug/L	85	SW846 8260B
1,3-Dichlorobenzene	10.0	8.70	ug/L	87	SW846 8260B
1,4-Dichlorobenzene	10.0	8.53	ug/L	85	SW846 8260B
n-Butylbenzene	10.0	8.79	ug/L	88	SW846 8260B
1,2-Dichlorobenzene	10.0	8.77	ug/L	88	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.70	ug/L	67	SW846 8260B
1,2,4-Trichloro-benzene	10.0	9.49	ug/L	95	SW846 8260B
Hexachlorobutadiene	10.0	8.44	ug/L	84	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.52	ug/L	85	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	104	(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 #...: E5C020391 **Work Order #...:** G5PMA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-607
Prep Date.....: 03/07/05 **Analysis Date..:** 03/07/05
Prep Batch #...: 5066607

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	25 a	(40 - 160)	SW846 8260B
Chloromethane	53 a	(60 - 140)	SW846 8260B
Chloroethane	67	(60 - 140)	SW846 8260B
Bromomethane	48 a	(60 - 140)	SW846 8260B
t-Butanol	145	(40 - 150)	SW846 8260B
Trichlorofluoromethane	59 a	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	63	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**84**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	66 a	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	49 a	(70 - 130)	SW846 8260B
Carbon disulfide	93	(70 - 130)	SW846 8260B
Acetone	99	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	85	(70 - 130)	SW846 8260B
1,1-Dichloroethane	86	(70 - 130)	SW846 8260B
Dibromomethane	79	(70 - 130)	SW846 8260B
2,2-Dichloropropane	21 a	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	90	(70 - 130)	SW846 8260B
Chloroform	87	(70 - 130)	SW846 8260B
Bromochloromethane	90	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	82	(70 - 130)	SW846 8260B
2-Butanone	113	(60 - 140)	SW846 8260B
1,1-Dichloropropene	83	(70 - 130)	SW846 8260B
1,2-Dichloropropane	88	(70 - 130)	SW846 8260B
Carbon tetrachloride	77	(70 - 130)	SW846 8260B
1,3-Dichloropropane	84	(70 - 130)	SW846 8260B
1,2-Dibromoethane	78	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	73	(70 - 130)	SW846 8260B
Benzene	**89**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	58 a	(70 - 130)	SW846 8260B
Trichloroethene	**89**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	92	(70 - 130)	SW846 8260B
Isopropyl ether	98	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	119	(60 - 140)	SW846 8260B
Naphthalene	61	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PMA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-607

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**96**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	84	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	20 a	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	21 a	(70 - 130)	SW846 8260B
1,2-Dichloroethane	80	(70 - 130)	SW846 8260B
Tetrachloroethene	86	(70 - 130)	SW846 8260B
2-Hexanone	103	(60 - 140)	SW846 8260B
Dibromochloromethane	87	(70 - 130)	SW846 8260B
Chlorobenzene	**89**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	91	(70 - 130)	SW846 8260B
Ethylbenzene	98	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	96	(70 - 130)	SW846 8260B
Vinyl chloride	57 a	(60 - 140)	SW846 8260B
o-Xylene	103	(70 - 130)	SW846 8260B
Styrene	95	(70 - 130)	SW846 8260B
Bromoform	73	(70 - 130)	SW846 8260B
Isopropylbenzene	91	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	80	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	80	(70 - 130)	SW846 8260B
n-Propylbenzene	98	(70 - 130)	SW846 8260B
Bromobenzene	93	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	99	(70 - 130)	SW846 8260B
2-Chlorotoluene	96	(70 - 130)	SW846 8260B
4-Chlorotoluene	97	(70 - 130)	SW846 8260B
tert-Butylbenzene	101	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	97	(70 - 130)	SW846 8260B
sec-Butylbenzene	99	(70 - 130)	SW846 8260B
p-Isopropyltoluene	91	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	87	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	84	(70 - 130)	SW846 8260B
n-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	88	(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	90	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PMA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-607

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	78	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	108	(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 #...: E5C020391 **Work Order #...:** G5PMA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-607
Prep Date.....: 03/07/05 **Analysis Date..:** 03/07/05
Prep Batch #...: 5066607

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	2.53 a	ug/L	25	SW846 8260B
Chloromethane	10.0	5.26 a	ug/L	53	SW846 8260B
Chloroethane	10.0	6.72	ug/L	67	SW846 8260B
Bromomethane	10.0	4.85 a	ug/L	48	SW846 8260B
t-Butanol	50.0	72.3	ug/L	145	SW846 8260B
Trichlorofluoromethane	10.0	5.93 a	ug/L	59	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	6.33	ug/L	63	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.44**	**ug/L**	**84**	**SW846 8260B**
Methylene chloride	10.0	6.60 a	ug/L	66	SW846 8260B
Methyl tert-butyl ether	10.0	4.86 a	ug/L	49	SW846 8260B
Carbon disulfide	50.0	46.7	ug/L	93	SW846 8260B
Acetone	50.0	49.5	ug/L	99	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.50	ug/L	85	SW846 8260B
1,1-Dichloroethane	10.0	8.59	ug/L	86	SW846 8260B
Dibromomethane	10.0	7.89	ug/L	79	SW846 8260B
2,2-Dichloropropane	10.0	2.06 a	ug/L	21	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.98	ug/L	90	SW846 8260B
Chloroform	10.0	8.72	ug/L	87	SW846 8260B
Bromochloromethane	10.0	8.98	ug/L	90	SW846 8260B
1,1,1-Trichloroethane	10.0	8.18	ug/L	82	SW846 8260B
2-Butanone	50.0	56.4	ug/L	113	SW846 8260B
1,1-Dichloropropene	10.0	8.32	ug/L	83	SW846 8260B
1,2-Dichloropropane	10.0	8.85	ug/L	88	SW846 8260B
Carbon tetrachloride	10.0	7.66	ug/L	77	SW846 8260B
1,3-Dichloropropane	10.0	8.37	ug/L	84	SW846 8260B
1,2-Dibromoethane	10.0	7.77	ug/L	78	SW846 8260B
cis-1,3-Dichloropropene	10.0	7.34	ug/L	73	SW846 8260B
Benzene	**10.0**	**8.93**	**ug/L**	**89**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	5.76 a	ug/L	58	SW846 8260B
Trichloroethene	**10.0**	**8.89**	**ug/L**	**89**	**SW846 8260B**
Bromodichloromethane	10.0	9.18	ug/L	92	SW846 8260B
Isopropyl ether	10.0	9.77	ug/L	98	SW846 8260B
4-Methyl-2-pentanone	50.0	59.6	ug/L	119	SW846 8260B
Naphthalene	10.0	6.10	ug/L	61	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PMA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-607

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.59**	**ug/L**	**96**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.35	ug/L	84	SW846 8260B
Tert-amyl methyl ether	10.0	2.03 a	ug/L	20	SW846 8260B
Tert-butyl ethyl ether	10.0	2.14 a	ug/L	21	SW846 8260B
1,2-Dichloroethane	10.0	8.01	ug/L	80	SW846 8260B
Tetrachloroethene	10.0	8.61	ug/L	86	SW846 8260B
2-Hexanone	50.0	51.4	ug/L	103	SW846 8260B
Dibromochloromethane	10.0	8.66	ug/L	87	SW846 8260B
Chlorobenzene	**10.0**	**8.86**	**ug/L**	**89**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	9.12	ug/L	91	SW846 8260B
Ethylbenzene	10.0	9.80	ug/L	98	SW846 8260B
m-Xylene & p-Xylene	20.0	19.2	ug/L	96	SW846 8260B
Vinyl chloride	10.0	5.66 a	ug/L	57	SW846 8260B
o-Xylene	10.0	10.3	ug/L	103	SW846 8260B
Styrene	10.0	9.46	ug/L	95	SW846 8260B
Bromoform	10.0	7.30	ug/L	73	SW846 8260B
Isopropylbenzene	10.0	9.12	ug/L	91	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.95	ug/L	80	SW846 8260B
1,2,3-Trichloropropane	10.0	8.01	ug/L	80	SW846 8260B
n-Propylbenzene	10.0	9.77	ug/L	98	SW846 8260B
Bromobenzene	10.0	9.27	ug/L	93	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.93	ug/L	99	SW846 8260B
2-Chlorotoluene	10.0	9.65	ug/L	96	SW846 8260B
4-Chlorotoluene	10.0	9.73	ug/L	97	SW846 8260B
tert-Butylbenzene	10.0	10.1	ug/L	101	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.69	ug/L	97	SW846 8260B
sec-Butylbenzene	10.0	9.92	ug/L	99	SW846 8260B
p-Isopropyltoluene	10.0	9.07	ug/L	91	SW846 8260B
1,3-Dichlorobenzene	10.0	8.68	ug/L	87	SW846 8260B
1,4-Dichlorobenzene	10.0	8.42	ug/L	84	SW846 8260B
n-Butylbenzene	10.0	9.16	ug/L	92	SW846 8260B
1,2-Dichlorobenzene	10.0	8.75	ug/L	88	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.51	ug/L	65	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.34	ug/L	83	SW846 8260B
Hexachlorobutadiene	10.0	9.02	ug/L	90	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5PMA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-607

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	7.83	ug/L	78	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	108	(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 #...: E5C020391 **Work Order #...:** G5FDR1AC-MS **Matrix.....:** WG
MS Lot-Sample #: E5C020391-005 G5FDR1AD-MSD
Date Sampled...: 03/02/05 10:40 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/03/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5063357

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	114	(65 - 135)			SW846 8260B
	98	(65 - 135)	13	(0-25)	SW846 8260B
Benzene	79	(75 - 125)			SW846 8260B
	86	(75 - 125)	8.6	(0-25)	SW846 8260B
Trichloroethene	68 a	(75 - 135)			SW846 8260B
	77	(75 - 135)	2.5	(0-25)	SW846 8260B
Toluene	75	(75 - 125)			SW846 8260B
	94	(75 - 125)	22	(0-25)	SW846 8260B
Chlorobenzene	78	(75 - 125)			SW846 8260B
	87	(75 - 125)	11	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
	99	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	79	(65 - 135)
Toluene-d8	95	(80 - 130)
	110	(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 DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 Work Order #...: G5FDR1AC-MS Matrix.....: WG
MS Lot-Sample #: E5C020391-005 G5FDR1AD-MSD
Date Sampled...: 03/02/05 10:40 Date Received..: 03/02/05 17:35
Prep Date.....: 03/03/05 Analysis Date..: 03/04/05
Prep Batch #...: 5063357

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	22	100	137	ug/L	114		SW846 8260B
	22	100	120	ug/L	98	13	SW846 8260B
Benzene	ND	100	79.2	ug/L	79		SW846 8260B
	ND	100	86.3	ug/L	86	8.6	SW846 8260B
Trichloroethene	310	100	378	ug/L	68 a		SW846 8260B
	310	100	388	ug/L	77	2.5	SW846 8260B
Toluene	ND	100	75.0	ug/L	75		SW846 8260B
	ND	100	93.6	ug/L	94	22	SW846 8260B
Chlorobenzene	ND	100	78.1	ug/L	78		SW846 8260B
	ND	100	87.3	ug/L	87	11	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
	99	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	79	(65 - 135)
Toluene-d8	95	(80 - 130)
	110	(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 #...: E5C020391 **Work Order #...:** G5HN21AH-MS **Matrix.....:** WATER
MS Lot-Sample #: E5C030398-002 G5HN21AJ-MSD
Date Sampled...: 03/03/05 14:05 **Date Received..:** 03/03/05 16:30
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	98	(65 - 135)			SW846 8260B
	100	(65 - 135)	1.9	(0-25)	SW846 8260B
Benzene	89	(75 - 125)			SW846 8260B
	88	(75 - 125)	1.9	(0-25)	SW846 8260B
Trichloroethene	95	(75 - 135)			SW846 8260B
	88	(75 - 135)	8.3	(0-25)	SW846 8260B
Toluene	93	(75 - 125)			SW846 8260B
	91	(75 - 125)	1.4	(0-25)	SW846 8260B
Chlorobenzene	86	(75 - 125)			SW846 8260B
	85	(75 - 125)	0.23	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
	81	(65 - 135)
Toluene-d8	106	(80 - 130)
	105	(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 #...: E5C020391 **Work Order #...:** G5HN21AH-MS **Matrix.....:** WATER
MS Lot-Sample #: E5C030398-002 G5HN21AJ-MSD
Date Sampled...: 03/03/05 14:05 **Date Received..:** 03/03/05 16:30
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.79	ug/L	98		SW846 8260B
	ND	10.0	9.98	ug/L	100	1.9	SW846 8260B
Benzene	ND	10.0	8.94	ug/L	89		SW846 8260B
	ND	10.0	8.77	ug/L	88	1.9	SW846 8260B
Trichloroethene	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	8.78	ug/L	88	8.3	SW846 8260B
Toluene	ND	10.0	9.27	ug/L	93		SW846 8260B
	ND	10.0	9.14	ug/L	91	1.4	SW846 8260B
Chlorobenzene	ND	10.0	8.56	ug/L	86		SW846 8260B
	ND	10.0	8.54	ug/L	85	0.23	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
	81	(65 - 135)
Toluene-d8	106	(80 - 130)
	105	(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 #...: E5C020391 **Work Order #...:** G5E9T1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: E5C020370-003 G5E9T1AE-MSD
Date Sampled...: 03/01/05 09:04 **Date Received..:** 03/02/05 09:30
Prep Date.....: 03/07/05 **Analysis Date..:** 03/07/05
Prep Batch #...: 5066607

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	81	(65 - 135)			SW846 8260B
	89	(65 - 135)	9.8	(0-25)	SW846 8260B
Benzene	85	(75 - 125)			SW846 8260B
	88	(75 - 125)	2.9	(0-25)	SW846 8260B
Trichloroethene	82	(75 - 135)			SW846 8260B
	87	(75 - 135)	5.0	(0-25)	SW846 8260B
Toluene	90	(75 - 125)			SW846 8260B
	93	(75 - 125)	3.0	(0-25)	SW846 8260B
Chlorobenzene	85	(75 - 125)			SW846 8260B
	87	(75 - 125)	2.0	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
	81	(65 - 135)
Toluene-d8	108	(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

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C020391 **Work Order #...:** G5E9T1AD-MS **Matrix.....:** WATER
MS Lot-Sample #: E5C020370-003 G5E9T1AE-MSD
Date Sampled...: 03/01/05 09:04 **Date Received..:** 03/02/05 09:30
Prep Date.....: 03/07/05 **Analysis Date..:** 03/07/05
Prep Batch #...: 5066607

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	5500	100000	86200	ug/L	81		SW846 8260B
	5500	100000	95000	ug/L	89	9.8	SW846 8260B
Benzene	ND	100000	85300	ug/L	85		SW846 8260B
	ND	100000	87800	ug/L	88	2.9	SW846 8260B
Trichloroethene	4500	100000	86700	ug/L	82		SW846 8260B
	4500	100000	91200	ug/L	87	5.0	SW846 8260B
Toluene	ND	100000	90000	ug/L	90		SW846 8260B
	ND	100000	92800	ug/L	93	3.0	SW846 8260B
Chlorobenzene	ND	100000	84800	ug/L	85		SW846 8260B
	ND	100000	86600	ug/L	87	2.0	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
	81	(65 - 135)
Toluene-d8	108	(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

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 10, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5C030413

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
XMW_09_WG030305_0001 03/03/05 11:10 003				
Chloroform	820	12	ug/L	SW846 8260B
Benzene	4.0 J	12	ug/L	SW846 8260B
Trichloroethene	28	12	ug/L	SW846 8260B
Toluene	4.5 J	12	ug/L	SW846 8260B
Tetrachloroethene	66	12	ug/L	SW846 8260B
Chlorobenzene	150	12	ug/L	SW846 8260B
XMW_19_WG030305_0001 03/03/05 12:00 004				
Chloroform	1.6	1.0	ug/L	SW846 8260B
Toluene	6.8	1.0	ug/L	SW846 8260B
FB-TAIT030305_0001 03/03/05 11:15 005				
Trichloroethene	0.49 J	1.0	ug/L	SW846 8260B
WCC_7S_WG030305_0001 03/03/05 12:55 006				
1,1-Dichloroethene	190	5.0	ug/L	SW846 8260B
Trichloroethene	120	5.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	1.6 J	5.0	ug/L	SW846 8260B
CMW001_WG030305_0001 03/03/05 14:18 007				
Chlorobenzene	9800	250	ug/L	SW846 8260B
MWB012_WG030305_0001 03/03/05 14:20 009				
1,1-Dichloroethene	4.1 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	23	10	ug/L	SW846 8260B
Trichloroethene	530	10	ug/L	SW846 8260B

METHODS SUMMARY

E5C030413

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

E5C030413

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G5HP5	001	TB_TAIT030305_0001	03/03/05	
G5HP6	002	DB_TAIT030305_0001	03/03/05	09:45
G5HP8	003	XMW_09_WG030305_0001	03/03/05	11:10
G5HP9	004	XMW_19_WG030305_0001	03/03/05	12:00
G5HQA	005	FB-TAIT030305_0001	03/03/05	11:15
G5HQC	006	WCC_7S_WG030305_0001	03/03/05	12:55
G5HQE	007	CMW001_WG030305_0001	03/03/05	14:18
G5HQG	008	EB_TAIT030305_0001	03/03/05	13:30
G5HQK	009	MWB012_WG030305_0001	03/03/05	14:20

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: TB_TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-001 **Work Order #...:** G5HP51AA **Matrix.....:** WG
Date Sampled...: 03/03/05 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	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)

Tait Environmental

Client Sample ID: TB_TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-001 **Work Order #...:** G5HP51AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	79	(65 - 135)
Toluene-d8	107	(80 - 130)

Tait Environmental

Client Sample ID: DB_TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-002 **Work Order #...:** G5HP61AA **Matrix.....:** WG
Date Sampled...: 03/03/05 09:45 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	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)

Tait Environmental

Client Sample ID: DB_TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-002 **Work Order #...:** G5HP61AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: XMW_09_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-003 **Work Order #...:** G5HP81AA **Matrix.....:** WG
Date Sampled...: 03/03/05 11:10 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	ND	12	ug/L
Chloroform	**820**	**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	**4.0 J**	**12**	**ug/L**
Trichloroethene	**28**	**12**	**ug/L**
Bromodichloromethane	ND	12	ug/L
4-Methyl-2-pentanone	ND	62	ug/L
Toluene	**4.5 J**	**12**	**ug/L**
1,1,2-Trichloroethane	ND	12	ug/L
1,2-Dichloroethane	ND	6.2	ug/L
Tetrachloroethene	**66**	**12**	**ug/L**
2-Hexanone	ND	62	ug/L
Dibromochloromethane	ND	12	ug/L
Chlorobenzene	**150**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: XMW_09_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-003 **Work Order #...:** G5HP81AA **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	90	(75 - 130)
1,2-Dichloroethane-d4	84	(65 - 135)
Toluene-d8	105	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: XMW_19_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-004 **Work Order #...:** G5HP91AA **Matrix.....:** WG
Date Sampled...: 03/03/05 12:00 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	**1.6**	**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	**6.8**	**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	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_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-004 **Work Order #...:** G5HP91AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	81	(65 - 135)
Toluene-d8	102	(80 - 130)

Tait Environmental

Client Sample ID: FB-TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-005 **Work Order #...:** G5HQA1AA **Matrix.....:** WG
Date Sampled...: 03/03/05 11:15 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	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	**0.49 J**	**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)

Tait Environmental

Client Sample ID: FB-TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-005 **Work Order #...:** G5HQA1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	84	(65 - 135)
Toluene-d8	104	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: WCC_7S_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-006 **Work Order #...:** G5HQC1AA **Matrix.....:** WG
Date Sampled...: 03/03/05 12:55 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/05/05
Prep Batch #...: 5066534 **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	**190**	**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	ND	5.0	ug/L
1,1-Dichloroethane	ND	5.0	ug/L
2,2-Dichloropropane	ND	5.0	ug/L
cis-1,2-Dichloroethene	ND	5.0	ug/L
Chloroform	ND	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	**120**	**5.0**	**ug/L**
Bromodichloromethane	ND	5.0	ug/L
4-Methyl-2-pentanone	ND	25	ug/L
Toluene	ND	5.0	ug/L
1,1,2-Trichloroethane	**1.6 J**	**5.0**	**ug/L**
1,2-Dichloroethane	ND	2.5	ug/L
Tetrachloroethene	ND	5.0	ug/L
2-Hexanone	ND	25	ug/L
Dibromochloromethane	ND	5.0	ug/L
Chlorobenzene	ND	5.0	ug/L
1,1,1,2-Tetrachloroethane	ND	5.0	ug/L
Ethylbenzene	ND	5.0	ug/L
Vinyl chloride	ND	2.5	ug/L
Xylenes (total)	ND	5.0	ug/L
Styrene	ND	5.0	ug/L
Bromoform	ND	5.0	ug/L

(Continued on next page)

Tait Environmental

Client Sample ID: WCC_7S_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-006 **Work Order #...:** G5HQC1AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
Toluene-d8	105	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: CMW001_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-007 **Work Order #...:** G5HQE1AA **Matrix.....:** WG
Date Sampled...: 03/03/05 14:18 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	**9800**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: CMW001_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-007 **Work Order #...:** G5HQE1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	105	(80 - 130)

Tait Environmental

Client Sample ID: EB_TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-008 **Work Order #...:** G5HQG1AA **Matrix.....:** WG
Date Sampled...: 03/03/05 13:30 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	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)

Tait Environmental

Client Sample ID: EB_TAIT030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-008 **Work Order #...:** G5HQG1AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: MWB012_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-009 **Work Order #...:** G5HQK1AA **Matrix.....:** WG
Date Sampled...: 03/03/05 14:20 **Date Received..:** 03/03/05 17:05
Prep Date.....: 03/04/05 **Analysis Date..:** 03/05/05
Prep Batch #...: 5066534 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	10	ug/L
Chloromethane	ND	20	ug/L
Chloroethane	ND	20	ug/L
Bromomethane	ND	20	ug/L
Trichlorofluoromethane	ND	20	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	10	ug/L
1,1-Dichloroethene	**4.1 J**	**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	**23**	**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	**530**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: MWB012_WG030305_0001

GC/MS Volatiles

Lot-Sample #...: E5C030413-009 **Work Order #...:** G5HQK1AA **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	85	(65 - 135)
Toluene-d8	106	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E5C030413

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		5066534	5066337
002	WG	SW846 8260B		5066534	5066337
003	WG	SW846 8260B		5066534	5066337
004	WG	SW846 8260B		5066534	5066337
005	WG	SW846 8260B		5066534	5066337
006	WG	SW846 8260B		5066534	5066337
007	WG	SW846 8260B		5066534	5066337
008	WG	SW846 8260B		5066534	5066337
009	WG	SW846 8260B		5066534	5066337

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C030413 **Work Order #...:** G5PEA1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C070000-534

Prep Date.....: 03/04/05
Analysis Date..: 03/04/05 **Prep Batch #...:** 5066534

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C030413 **Work Order #...:** G5PEA1AA **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	91	(75 - 130)
1,2-Dichloroethane-d4	84	(65 - 135)
Toluene-d8	102	(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 #...: E5C030413 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	68	(40 - 160)	SW846 8260B
Chloromethane	113	(60 - 140)	SW846 8260B
Chloroethane	81	(60 - 140)	SW846 8260B
Bromomethane	89	(60 - 140)	SW846 8260B
t-Butanol	133	(40 - 150)	SW846 8260B
Trichlorofluoromethane	54 a	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	53 a	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**85**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	72	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	50 a	(70 - 130)	SW846 8260B
Carbon disulfide	109	(70 - 130)	SW846 8260B
Acetone	94	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	86	(70 - 130)	SW846 8260B
1,1-Dichloroethane	86	(70 - 130)	SW846 8260B
Dibromomethane	80	(70 - 130)	SW846 8260B
2,2-Dichloropropane	9.8 a	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	91	(70 - 130)	SW846 8260B
Chloroform	87	(70 - 130)	SW846 8260B
Bromochloromethane	84	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	70	(70 - 130)	SW846 8260B
2-Butanone	118	(60 - 140)	SW846 8260B
1,1-Dichloropropene	78	(70 - 130)	SW846 8260B
1,2-Dichloropropane	90	(70 - 130)	SW846 8260B
Carbon tetrachloride	61 a	(70 - 130)	SW846 8260B
1,3-Dichloropropane	85	(70 - 130)	SW846 8260B
1,2-Dibromoethane	81	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	68 a	(70 - 130)	SW846 8260B
Benzene	**90**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	54 a	(70 - 130)	SW846 8260B
Trichloroethene	**90**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	88	(70 - 130)	SW846 8260B
Isopropyl ether	96	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	120	(60 - 140)	SW846 8260B
Naphthalene	80	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C030413 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**94**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	85	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	23 a	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	21 a	(70 - 130)	SW846 8260B
1,2-Dichloroethane	79	(70 - 130)	SW846 8260B
Tetrachloroethene	81	(70 - 130)	SW846 8260B
2-Hexanone	111	(60 - 140)	SW846 8260B
Dibromochloromethane	84	(70 - 130)	SW846 8260B
Chlorobenzene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	88	(70 - 130)	SW846 8260B
Ethylbenzene	95	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)	SW846 8260B
Vinyl chloride	82	(60 - 140)	SW846 8260B
o-Xylene	102	(70 - 130)	SW846 8260B
Styrene	98	(70 - 130)	SW846 8260B
Bromoform	70	(70 - 130)	SW846 8260B
Isopropylbenzene	85	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	76	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	80	(70 - 130)	SW846 8260B
n-Propylbenzene	92	(70 - 130)	SW846 8260B
Bromobenzene	92	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	94	(70 - 130)	SW846 8260B
2-Chlorotoluene	95	(70 - 130)	SW846 8260B
4-Chlorotoluene	97	(70 - 130)	SW846 8260B
tert-Butylbenzene	93	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	94	(70 - 130)	SW846 8260B
sec-Butylbenzene	89	(70 - 130)	SW846 8260B
p-Isopropyltoluene	85	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	87	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	85	(70 - 130)	SW846 8260B
n-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	88	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	67	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	95	(70 - 130)	SW846 8260B
Hexachlorobutadiene	84	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C030413 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	85	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	104	(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 #...: E5C030413 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	6.76	ug/L	68	SW846 8260B
Chloromethane	10.0	11.3	ug/L	113	SW846 8260B
Chloroethane	10.0	8.12	ug/L	81	SW846 8260B
Bromomethane	10.0	8.89	ug/L	89	SW846 8260B
t-Butanol	50.0	66.7	ug/L	133	SW846 8260B
Trichlorofluoromethane	10.0	5.40 a	ug/L	54	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	5.29 a	ug/L	53	SW846 8260B
1,1-Dichloroethene	**10.0**	**8.50**	**ug/L**	**85**	**SW846 8260B**
Methylene chloride	10.0	7.18	ug/L	72	SW846 8260B
Methyl tert-butyl ether	10.0	5.04 a	ug/L	50	SW846 8260B
Carbon disulfide	50.0	54.4	ug/L	109	SW846 8260B
Acetone	50.0	47.0	ug/L	94	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.61	ug/L	86	SW846 8260B
1,1-Dichloroethane	10.0	8.58	ug/L	86	SW846 8260B
Dibromomethane	10.0	8.01	ug/L	80	SW846 8260B
2,2-Dichloropropane	10.0	0.982 a	ug/L	9.8	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.12	ug/L	91	SW846 8260B
Chloroform	10.0	8.68	ug/L	87	SW846 8260B
Bromochloromethane	10.0	8.43	ug/L	84	SW846 8260B
1,1,1-Trichloroethane	10.0	7.02	ug/L	70	SW846 8260B
2-Butanone	50.0	58.8	ug/L	118	SW846 8260B
1,1-Dichloropropene	10.0	7.76	ug/L	78	SW846 8260B
1,2-Dichloropropane	10.0	8.96	ug/L	90	SW846 8260B
Carbon tetrachloride	10.0	6.12 a	ug/L	61	SW846 8260B
1,3-Dichloropropane	10.0	8.51	ug/L	85	SW846 8260B
1,2-Dibromoethane	10.0	8.12	ug/L	81	SW846 8260B
cis-1,3-Dichloropropene	10.0	6.85 a	ug/L	68	SW846 8260B
Benzene	**10.0**	**9.04**	**ug/L**	**90**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	5.43 a	ug/L	54	SW846 8260B
Trichloroethene	**10.0**	**9.01**	**ug/L**	**90**	**SW846 8260B**
Bromodichloromethane	10.0	8.84	ug/L	88	SW846 8260B
Isopropyl ether	10.0	9.55	ug/L	96	SW846 8260B
4-Methyl-2-pentanone	50.0	59.9	ug/L	120	SW846 8260B
Naphthalene	10.0	8.05	ug/L	80	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C030413 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.44**	**ug/L**	**94**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.47	ug/L	85	SW846 8260B
Tert-amyl methyl ether	10.0	2.26 a	ug/L	23	SW846 8260B
Tert-butyl ethyl ether	10.0	2.12 a	ug/L	21	SW846 8260B
1,2-Dichloroethane	10.0	7.87	ug/L	79	SW846 8260B
Tetrachloroethene	10.0	8.13	ug/L	81	SW846 8260B
2-Hexanone	50.0	55.5	ug/L	111	SW846 8260B
Dibromochloromethane	10.0	8.35	ug/L	84	SW846 8260B
Chlorobenzene	**10.0**	**8.80**	**ug/L**	**88**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.75	ug/L	88	SW846 8260B
Ethylbenzene	10.0	9.52	ug/L	95	SW846 8260B
m-Xylene & p-Xylene	20.0	18.9	ug/L	94	SW846 8260B
Vinyl chloride	10.0	8.23	ug/L	82	SW846 8260B
o-Xylene	10.0	10.2	ug/L	102	SW846 8260B
Styrene	10.0	9.80	ug/L	98	SW846 8260B
Bromoform	10.0	7.05	ug/L	70	SW846 8260B
Isopropylbenzene	10.0	8.52	ug/L	85	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.57	ug/L	76	SW846 8260B
1,2,3-Trichloropropane	10.0	7.95	ug/L	80	SW846 8260B
n-Propylbenzene	10.0	9.17	ug/L	92	SW846 8260B
Bromobenzene	10.0	9.23	ug/L	92	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
2-Chlorotoluene	10.0	9.47	ug/L	95	SW846 8260B
4-Chlorotoluene	10.0	9.69	ug/L	97	SW846 8260B
tert-Butylbenzene	10.0	9.27	ug/L	93	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
sec-Butylbenzene	10.0	8.94	ug/L	89	SW846 8260B
p-Isopropyltoluene	10.0	8.49	ug/L	85	SW846 8260B
1,3-Dichlorobenzene	10.0	8.70	ug/L	87	SW846 8260B
1,4-Dichlorobenzene	10.0	8.53	ug/L	85	SW846 8260B
n-Butylbenzene	10.0	8.79	ug/L	88	SW846 8260B
1,2-Dichlorobenzene	10.0	8.77	ug/L	88	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.70	ug/L	67	SW846 8260B
1,2,4-Trichloro-benzene	10.0	9.49	ug/L	95	SW846 8260B
Hexachlorobutadiene	10.0	8.44	ug/L	84	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C030413 **Work Order #...:** G5PEA1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C070000-534

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.52	ug/L	85	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	104	(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 #...: E5C030413 **Work Order #...:** G5HN21AH-MS **Matrix.....:** WATER
MS Lot-Sample #: E5C030398-002 G5HN21AJ-MSD
Date Sampled...: 03/03/05 14:05 **Date Received..:** 03/03/05 16:30
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	98	(65 - 135)			SW846 8260B
	100	(65 - 135)	1.9	(0-25)	SW846 8260B
Benzene	89	(75 - 125)			SW846 8260B
	88	(75 - 125)	1.9	(0-25)	SW846 8260B
Trichloroethene	95	(75 - 135)			SW846 8260B
	88	(75 - 135)	8.3	(0-25)	SW846 8260B
Toluene	93	(75 - 125)			SW846 8260B
	91	(75 - 125)	1.4	(0-25)	SW846 8260B
Chlorobenzene	86	(75 - 125)			SW846 8260B
	85	(75 - 125)	0.23	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
	81	(65 - 135)
Toluene-d8	106	(80 - 130)
	105	(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 #...: E5C030413 **Work Order #...:** G5HN21AH-MS **Matrix.....:** WATER
MS Lot-Sample #: E5C030398-002 G5HN21AJ-MSD
Date Sampled...: 03/03/05 14:05 **Date Received..:** 03/03/05 16:30
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	10.0	9.79	ug/L	98		SW846 8260B
	ND	10.0	9.98	ug/L	100	1.9	SW846 8260B
Benzene	ND	10.0	8.94	ug/L	89		SW846 8260B
	ND	10.0	8.77	ug/L	88	1.9	SW846 8260B
Trichloroethene	ND	10.0	9.54	ug/L	95		SW846 8260B
	ND	10.0	8.78	ug/L	88	8.3	SW846 8260B
Toluene	ND	10.0	9.27	ug/L	93		SW846 8260B
	ND	10.0	9.14	ug/L	91	1.4	SW846 8260B
Chlorobenzene	ND	10.0	8.56	ug/L	86		SW846 8260B
	ND	10.0	8.54	ug/L	85	0.23	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	98	(75 - 130)
	98	(75 - 130)
1,2-Dichloroethane-d4	80	(65 - 135)
	81	(65 - 135)
Toluene-d8	106	(80 - 130)
	105	(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

Mehmet Pehlivan

Tait Environmental

SEVERN TRENT LABORATORIES, INC.

Diane Suzuki
Project Manager

March 15, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5C040421

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB_TAIT030405_0001 03/04/05 001				
Methylene chloride	0.83 J	1.0	ug/L	SW846 8260B
CMW002_WG030405_0001 03/04/05 12:30 004				
Acetone	900 J	2000	ug/L	SW846 8260B
Trichloroethene	690	200	ug/L	SW846 8260B
Chlorobenzene	9700	200	ug/L	SW846 8260B
Iodomethane	240 J	400	ug/L	SW846 8260B
BL_03_WG030405_0001 03/04/05 12:43 005				
1,1-Dichloroethene	4.9 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	5.0 J	10	ug/L	SW846 8260B
Trichloroethene	660	10	ug/L	SW846 8260B
Tetrachloroethene	16	10	ug/L	SW846 8260B
MWC016_WG030405_0001 03/04/05 14:20 006				
1,1-Dichloroethene	15 J	25	ug/L	SW846 8260B
Chloroform	10 J	25	ug/L	SW846 8260B
Trichloroethene	1500	25	ug/L	SW846 8260B
DAC_P1_WG030405_0001 03/04/05 14:25 008				
Trichloroethene	9500	250	ug/L	SW846 8260B

METHODS SUMMARY

E5C040421

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

E5C040421

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G5L0Q	001	TB_TAIT030405_0001	03/04/05	
G5L0R	002	DB_TAIT030405_0001	03/04/05	10:00
G5L0V	003	EB_TAIT030405_0001	03/04/05	11:20
G5L0W	004	CMW002_WG030405_0001	03/04/05	12:30
G5L00	005	BL_03_WG030405_0001	03/04/05	12:43
G5L01	006	MWC016_WG030405_0001	03/04/05	14:20
G5L03	007	FB_TAIT030405_0001	03/04/05	14:05
G5L05	008	DAC_P1_WG030405_0001	03/04/05	14:25

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: TB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-001 **Work Order #...:** G5L0Q1AA **Matrix.....:** WQ
Date Sampled...: 03/04/05 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291 **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	**0.83 J**	**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	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)

Tait Environmental

Client Sample ID: TB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-001 **Work Order #...:** G5L0Q1AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: DB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-002 **Work Order #...:** G5L0R1AA **Matrix.....:** WG
Date Sampled...: 03/04/05 10:00 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291 **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	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)

Tait Environmental

Client Sample ID: DB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-002 **Work Order #...:** G5L0R1AA **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	100	(65 - 135)
Toluene-d8	102	(80 - 130)

Tait Environmental

Client Sample ID: EB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-003 **Work Order #...:** G5L0V1AA **Matrix.....:** WG
Date Sampled...: 03/04/05 11:20 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291 **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	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)

Tait Environmental

Client Sample ID: EB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-003 **Work Order #...:** G5L0V1AA **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	97	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: CMW002_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-004 **Work Order #...:** G5L0W1AA **Matrix.....:** WG
Date Sampled...: 03/04/05 12:30 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	200	ug/L
Chloromethane	ND	400	ug/L
Chloroethane	ND	400	ug/L
Bromomethane	ND	400	ug/L
Trichlorofluoromethane	ND	400	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	200	ug/L
1,1-Dichloroethene	ND	200	ug/L
Methylene chloride	ND	200	ug/L
Methyl tert-butyl ether	ND	200	ug/L
Carbon disulfide	ND	200	ug/L
Acetone	**900 J**	**2000**	**ug/L**
trans-1,2-Dichloroethene	ND	200	ug/L
1,1-Dichloroethane	ND	200	ug/L
2,2-Dichloropropane	ND	200	ug/L
cis-1,2-Dichloroethene	ND	200	ug/L
Chloroform	ND	200	ug/L
Bromochloromethane	ND	200	ug/L
1,1,1-Trichloroethane	ND	200	ug/L
2-Butanone	ND	1000	ug/L
1,1-Dichloropropene	ND	200	ug/L
Carbon tetrachloride	ND	100	ug/L
1,2-Dibromoethane	ND	200	ug/L
Benzene	ND	200	ug/L
Trichloroethene	**690**	**200**	**ug/L**
Bromodichloromethane	ND	200	ug/L
4-Methyl-2-pentanone	ND	1000	ug/L
Toluene	ND	200	ug/L
1,1,2-Trichloroethane	ND	200	ug/L
1,2-Dichloroethane	ND	100	ug/L
Tetrachloroethene	ND	200	ug/L
2-Hexanone	ND	1000	ug/L
Dibromochloromethane	ND	200	ug/L
Chlorobenzene	**9700**	**200**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	200	ug/L
Ethylbenzene	ND	200	ug/L
Vinyl chloride	ND	100	ug/L
Xylenes (total)	ND	200	ug/L
Styrene	ND	200	ug/L
Bromoform	ND	200	ug/L

(Continued on next page)

Tait Environmental

Client Sample ID: CMW002_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-004 **Work Order #...:** G5L0W1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	200	ug/L
1,1,2,2-Tetrachloroethane	ND	200	ug/L
1,2,3-Trichloropropane	ND	200	ug/L
n-Propylbenzene	ND	200	ug/L
Bromobenzene	ND	200	ug/L
1,3,5-Trimethylbenzene	ND	200	ug/L
2-Chlorotoluene	ND	200	ug/L
4-Chlorotoluene	ND	200	ug/L
tert-Butylbenzene	ND	200	ug/L
1,2,4-Trimethylbenzene	ND	200	ug/L
sec-Butylbenzene	ND	200	ug/L
p-Isopropyltoluene	ND	200	ug/L
1,3-Dichlorobenzene	ND	200	ug/L
1,4-Dichlorobenzene	ND	200	ug/L
n-Butylbenzene	ND	200	ug/L
1,2-Dichlorobenzene	ND	200	ug/L
1,2-Dibromo-3-chloro-propane	ND	400	ug/L
1,2,4-Trichloro-benzene	ND	200	ug/L
Hexachlorobutadiene	ND	200	ug/L
1,2,3-Trichlorobenzene	ND	200	ug/L
Acrolein	ND	4000	ug/L
Acrylonitrile	ND	4000	ug/L
Iodomethane	**240 J**	**400**	**ug/L**
2-Chloroethyl vinyl ether	ND	1000	ug/L
Tetrahydrofuran	ND	2000	ug/L
Vinyl acetate	ND	1000	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 130)
1,2-Dichloroethane-d4	100	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: BL_03_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-005 **Work Order #...:** G5L001AA **Matrix.....:** WG
Date Sampled...: 03/04/05 12:43 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/10/05
Prep Batch #...: 5069291 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	10	ug/L
Chloromethane	ND	20	ug/L
Chloroethane	ND	20	ug/L
Bromomethane	ND	20	ug/L
Trichlorofluoromethane	ND	20	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	10	ug/L
1,1-Dichloroethene	**4.9 J**	**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	**5.0 J**	**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	**660**	**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	**16**	**10**	**ug/L**
2-Hexanone	ND	50	ug/L
Dibromochloromethane	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
Ethylbenzene	ND	10	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	10	ug/L
Styrene	ND	10	ug/L
Bromoform	ND	10	ug/L

(Continued on next page)

Tait Environmental

Client Sample ID: BL_03_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-005 **Work Order #...:** G5L001AA **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	87	(75 - 130)
1,2-Dichloroethane-d4	109	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC016_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-006 **Work Order #...:** G5L011AA **Matrix.....:** WG
Date Sampled...: 03/04/05 14:20 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/10/05
Prep Batch #...: 5069291 **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	**15 J**	**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	ND	25	ug/L
Chloroform	**10 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

(Continued on next page)

Tait Environmental

Client Sample ID: MWC016_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-006 **Work Order #...:** G5L011AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	107	(65 - 135)
Toluene-d8	107	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: FB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-007 **Work Order #...:** G5L031AA **Matrix.....:** WG
Date Sampled...: 03/04/05 14:05 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291 **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	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)

Tait Environmental

Client Sample ID: FB_TAIT030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-007 **Work Order #...:** G5L031AA **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	93	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: DAC_P1_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-008 **Work Order #...:** G5L051AA **Matrix.....:** WG
Date Sampled...: 03/04/05 14:25 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/10/05
Prep Batch #...: 5069291 **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	**9500**	**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	ND	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

(Continued on next page)

Tait Environmental

Client Sample ID: DAC_P1_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-008 **Work Order #...:** G5L051AA **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	92	(75 - 130)
1,2-Dichloroethane-d4	104	(65 - 135)
Toluene-d8	106	(80 - 130)

QC DATA ASSOCIATION SUMMARY

E5C040421

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WQ	SW846 8260B		5069291	5069303
002	WG	SW846 8260B		5069291	5069303
003	WG	SW846 8260B		5069291	5069303
004	WG	SW846 8260B		5069291	5069303
005	WG	SW846 8260B		5069291	5069303
006	WG	SW846 8260B		5069291	5069303
007	WG	SW846 8260B		5069291	5069303
008	WG	SW846 8260B		5069291	5069303

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C040421 **Work Order #...:** G5XVH1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C100000-291

Prep Date.....: 03/09/05
Analysis Date..: 03/09/05 **Prep Batch #...:** 5069291

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C040421 **Work Order #...:** G5XVH1AA **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	90	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	102	(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 #...: E5C040421 **Work Order #...:** G5XVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C100000-291
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	93	(40 - 160)	SW846 8260B
Chloromethane	121	(60 - 140)	SW846 8260B
Chloroethane	125	(60 - 140)	SW846 8260B
Bromomethane	163 a	(60 - 140)	SW846 8260B
t-Butanol	80	(40 - 150)	SW846 8260B
Trichlorofluoromethane	101	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	93	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**114**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	90	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	86	(70 - 130)	SW846 8260B
Carbon disulfide	102	(70 - 130)	SW846 8260B
Acetone	89	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	106	(70 - 130)	SW846 8260B
1,1-Dichloroethane	99	(70 - 130)	SW846 8260B
Dibromomethane	89	(70 - 130)	SW846 8260B
2,2-Dichloropropane	108	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	98	(70 - 130)	SW846 8260B
Chloroform	100	(70 - 130)	SW846 8260B
Bromochloromethane	86	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	103	(70 - 130)	SW846 8260B
2-Butanone	98	(60 - 140)	SW846 8260B
1,1-Dichloropropene	103	(70 - 130)	SW846 8260B
1,2-Dichloropropane	94	(70 - 130)	SW846 8260B
Carbon tetrachloride	102	(70 - 130)	SW846 8260B
1,3-Dichloropropane	91	(70 - 130)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	100	(70 - 130)	SW846 8260B
Benzene	**99**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	91	(70 - 130)	SW846 8260B
Trichloroethene	**96**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	98	(70 - 130)	SW846 8260B
Isopropyl ether	98	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	94	(60 - 140)	SW846 8260B
Naphthalene	69	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C040421 **Work Order #...:** G5XVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C100000-291

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**99**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	84	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	92	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	92	(70 - 130)	SW846 8260B
1,2-Dichloroethane	92	(70 - 130)	SW846 8260B
Tetrachloroethene	93	(70 - 130)	SW846 8260B
2-Hexanone	93	(60 - 140)	SW846 8260B
Dibromochloromethane	91	(70 - 130)	SW846 8260B
Chlorobenzene	**92**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	94	(70 - 130)	SW846 8260B
Ethylbenzene	97	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	97	(70 - 130)	SW846 8260B
Vinyl chloride	116	(60 - 140)	SW846 8260B
o-Xylene	98	(70 - 130)	SW846 8260B
Styrene	94	(70 - 130)	SW846 8260B
Bromoform	79	(70 - 130)	SW846 8260B
Isopropylbenzene	91	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	77	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	77	(70 - 130)	SW846 8260B
n-Propylbenzene	96	(70 - 130)	SW846 8260B
Bromobenzene	84	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	94	(70 - 130)	SW846 8260B
2-Chlorotoluene	90	(70 - 130)	SW846 8260B
4-Chlorotoluene	90	(70 - 130)	SW846 8260B
tert-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	90	(70 - 130)	SW846 8260B
sec-Butylbenzene	96	(70 - 130)	SW846 8260B
p-Isopropyltoluene	88	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	83	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	84	(70 - 130)	SW846 8260B
n-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	80	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	66	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	73	(70 - 130)	SW846 8260B
Hexachlorobutadiene	78	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C040421 **Work Order #...:** G5XVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C100000-291

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	109	(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 #...: E5C040421 **Work Order #...:** G5XVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C100000-291
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	9.32	ug/L	93	SW846 8260B
Chloromethane	10.0	12.1	ug/L	121	SW846 8260B
Chloroethane	10.0	12.5	ug/L	125	SW846 8260B
Bromomethane	10.0	16.3 a	ug/L	163	SW846 8260B
t-Butanol	50.0	40.2	ug/L	80	SW846 8260B
Trichlorofluoromethane	10.0	10.1	ug/L	101	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.33	ug/L	93	SW846 8260B
1,1-Dichloroethene	**10.0**	**11.4**	**ug/L**	**114**	**SW846 8260B**
Methylene chloride	10.0	9.02	ug/L	90	SW846 8260B
Methyl tert-butyl ether	10.0	8.59	ug/L	86	SW846 8260B
Carbon disulfide	50.0	50.8	ug/L	102	SW846 8260B
Acetone	50.0	44.6	ug/L	89	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.6	ug/L	106	SW846 8260B
1,1-Dichloroethane	10.0	9.93	ug/L	99	SW846 8260B
Dibromomethane	10.0	8.92	ug/L	89	SW846 8260B
2,2-Dichloropropane	10.0	10.8	ug/L	108	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.76	ug/L	98	SW846 8260B
Chloroform	10.0	9.98	ug/L	100	SW846 8260B
Bromochloromethane	10.0	8.65	ug/L	86	SW846 8260B
1,1,1-Trichloroethane	10.0	10.3	ug/L	103	SW846 8260B
2-Butanone	50.0	48.9	ug/L	98	SW846 8260B
1,1-Dichloropropene	10.0	10.3	ug/L	103	SW846 8260B
1,2-Dichloropropane	10.0	9.44	ug/L	94	SW846 8260B
Carbon tetrachloride	10.0	10.2	ug/L	102	SW846 8260B
1,3-Dichloropropane	10.0	9.09	ug/L	91	SW846 8260B
1,2-Dibromoethane	10.0	8.72	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.96	ug/L	100	SW846 8260B
Benzene	**10.0**	**9.88**	**ug/L**	**99**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	9.09	ug/L	91	SW846 8260B
Trichloroethene	**10.0**	**9.59**	**ug/L**	**96**	**SW846 8260B**
Bromodichloromethane	10.0	9.81	ug/L	98	SW846 8260B
Isopropyl ether	10.0	9.83	ug/L	98	SW846 8260B
4-Methyl-2-pentanone	50.0	46.8	ug/L	94	SW846 8260B
Naphthalene	10.0	6.91	ug/L	69	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C040421 **Work Order #...:** G5XVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C100000-291

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.90**	**ug/L**	**99**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.42	ug/L	84	SW846 8260B
Tert-amyl methyl ether	10.0	9.17	ug/L	92	SW846 8260B
Tert-butyl ethyl ether	10.0	9.20	ug/L	92	SW846 8260B
1,2-Dichloroethane	10.0	9.23	ug/L	92	SW846 8260B
Tetrachloroethene	10.0	9.31	ug/L	93	SW846 8260B
2-Hexanone	50.0	46.7	ug/L	93	SW846 8260B
Dibromochloromethane	10.0	9.14	ug/L	91	SW846 8260B
Chlorobenzene	**10.0**	**9.21**	**ug/L**	**92**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	9.40	ug/L	94	SW846 8260B
Ethylbenzene	10.0	9.74	ug/L	97	SW846 8260B
m-Xylene & p-Xylene	20.0	19.4	ug/L	97	SW846 8260B
Vinyl chloride	10.0	11.6	ug/L	116	SW846 8260B
o-Xylene	10.0	9.81	ug/L	98	SW846 8260B
Styrene	10.0	9.42	ug/L	94	SW846 8260B
Bromoform	10.0	7.92	ug/L	79	SW846 8260B
Isopropylbenzene	10.0	9.14	ug/L	91	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.74	ug/L	77	SW846 8260B
1,2,3-Trichloropropane	10.0	7.68	ug/L	77	SW846 8260B
n-Propylbenzene	10.0	9.62	ug/L	96	SW846 8260B
Bromobenzene	10.0	8.43	ug/L	84	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.36	ug/L	94	SW846 8260B
2-Chlorotoluene	10.0	9.04	ug/L	90	SW846 8260B
4-Chlorotoluene	10.0	8.98	ug/L	90	SW846 8260B
tert-Butylbenzene	10.0	9.25	ug/L	92	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.95	ug/L	90	SW846 8260B
sec-Butylbenzene	10.0	9.60	ug/L	96	SW846 8260B
p-Isopropyltoluene	10.0	8.82	ug/L	88	SW846 8260B
1,3-Dichlorobenzene	10.0	8.26	ug/L	83	SW846 8260B
1,4-Dichlorobenzene	10.0	8.36	ug/L	84	SW846 8260B
n-Butylbenzene	10.0	8.76	ug/L	88	SW846 8260B
1,2-Dichlorobenzene	10.0	7.99	ug/L	80	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	6.64	ug/L	66	SW846 8260B
1,2,4-Trichloro-benzene	10.0	7.28	ug/L	73	SW846 8260B
Hexachlorobutadiene	10.0	7.75	ug/L	78	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C040421 **Work Order #...:** G5XVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C100000-291

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	7.00	ug/L	70	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	109	(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 #...: E5C040421 Work Order #...: G5L0W1AC-MS Matrix.....: WG
MS Lot-Sample #: E5C040421-004 G5L0W1AD-MSD
Date Sampled...: 03/04/05 12:30 Date Received..: 03/04/05 15:40
Prep Date.....: 03/09/05 Analysis Date..: 03/10/05
Prep Batch #...: 5069291

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	113	(65 - 135)			SW846 8260B
	115	(65 - 135)	1.8	(0-25)	SW846 8260B
Benzene	94	(75 - 125)			SW846 8260B
	97	(75 - 125)	4.0	(0-25)	SW846 8260B
Trichloroethene	71 a,MSC	(75 - 135)			SW846 8260B
	69 a,MSC	(75 - 135)	1.5	(0-25)	SW846 8260B
Toluene	88	(75 - 125)			SW846 8260B
	91	(75 - 125)	4.2	(0-25)	SW846 8260B
Chlorobenzene	0.0 NC,MS	(75 - 125)			SW846 8260B
	0.0 NC,MS	(75 - 125)	0.0	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	99	(75 - 130)
1,2-Dichloroethane-d4	107	(65 - 135)
	100	(65 - 135)
Toluene-d8	106	(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.

NC The recovery and/or RPD were not calculated.

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 #...: E5C040421 Work Order #...: G5L0W1AC-MS Matrix.....: WG
MS Lot-Sample #: E5C040421-004 G5L0W1AD-MSD
Date Sampled...: 03/04/05 12:30 Date Received..: 03/04/05 15:40
Prep Date.....: 03/09/05 Analysis Date..: 03/10/05
Prep Batch #...: 5069291

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	ND	2000	2250	ug/L	113		SW846 8260B
	ND	2000	2290	ug/L	115	1.8	SW846 8260B
Benzene	ND	2000	1870	ug/L	94		SW846 8260B
	ND	2000	1950	ug/L	97	4.0	SW846 8260B
Trichloroethene	690	2000	2100	ug/L	71		SW846 8260B
	Qualifiers: a,MSC						
	690	2000	2070	ug/L	69	1.5	SW846 8260B
	Qualifiers: a,MSC						
Toluene	ND	2000	1750	ug/L	88		SW846 8260B
	ND	2000	1830	ug/L	91	4.2	SW846 8260B
Chlorobenzene	9700	2000		ug/L	0.0		SW846 8260B
	Qualifiers: NC,MSB						
	9700	2000		ug/L	0.0	0.0	SW846 8260B
	Qualifiers: NC,MSB						

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	99	(75 - 130)
1,2-Dichloroethane-d4	107	(65 - 135)
	100	(65 - 135)
Toluene-d8	106	(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.

NC The recovery and/or RPD were not calculated.

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 21, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5C070232

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB_TAIT_030705_0001 03/07/05 001				
Acetone	4.9 J	10	ug/L	SW846 8260B
DB_TAIT_030705_0001 03/07/05 09:15 002				
Acetone	3.2 J	10	ug/L	SW846 8260B
EB_TAIT_030705_0001 03/07/05 10:00 003				
Acetone	3.4 J	10	ug/L	SW846 8260B
CMW026_WG030705_0001 03/07/05 10:55 004				
1,1-Dichloroethene	140	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	4.3 J	10	ug/L	SW846 8260B
1,1-Dichloroethane	4.5 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	410	10	ug/L	SW846 8260B
Chloroform	5.4 J	10	ug/L	SW846 8260B
Trichloroethene	420	10	ug/L	SW846 8260B
WCC_4S_WG030705_0001 03/07/05 11:07 005				
1,1-Dichloroethene	1800	25	ug/L	SW846 8260B
trans-1,2-Dichloroethene	12 J	25	ug/L	SW846 8260B
cis-1,2-Dichloroethene	47	25	ug/L	SW846 8260B
Trichloroethene	770	25	ug/L	SW846 8260B
FB_TAIT030705_0001 03/07/05 10:37 006				
Trichloroethene	0.44 J	1.0	ug/L	SW846 8260B
MWC015_WG030705_0001 03/07/05 13:00 007				
1,1-Dichloroethene	7.6 J	25	ug/L	SW846 8260B
Trichloroethene	1700	25	ug/L	SW846 8260B
MWB005_WG030705_0001 03/07/05 13:17 008				
1,1-Dichloroethene	4300	62	ug/L	SW846 8260B
trans-1,2-Dichloroethene	82	62	ug/L	SW846 8260B
1,1-Dichloroethane	58 J	62	ug/L	SW846 8260B
cis-1,2-Dichloroethene	220	62	ug/L	SW846 8260B
Trichloroethene	3100	62	ug/L	SW846 8260B
1,1,2-Trichloroethane	27 J	62	ug/L	SW846 8260B

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E5C070232

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWB005_WG030705_0001 03/07/05 13:17	**008**			
1,2-Dichloroethane	29 J	31	ug/L	SW846 8260B

METHODS SUMMARY

E5C070232

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

E5C070232

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G5PJR	001	TB_TAIT_030705_0001	03/07/05	
G5PJW	002	DB_TAIT_030705_0001	03/07/05	09:15
G5PJX	003	EB_TAIT_030705_0001	03/07/05	10:00
G5PJ0	004	CMW026_WG030705_0001	03/07/05	10:55
G5PJ1	005	WCC_4S_WG030705_0001	03/07/05	11:07
G5PJ2	006	FB_TAIT030705_0001	03/07/05	10:37
G5PJ3	007	MWC015_WG030705_0001	03/07/05	13:00
G5PJ4	008	MWB005_WG030705_0001	03/07/05	13:17

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: TB_TAIT_030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-001 **Work Order #...:** G5PJR1AA **Matrix.....:** WG
Date Sampled...: 03/07/05 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	**4.9 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

(Continued on next page)

Tait Environmental

Client Sample ID: TB_TAIT_030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-001 **Work Order #...:** G5PJR1AA **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	88	(75 - 130)
1,2-Dichloroethane-d4	87	(65 - 135)
Toluene-d8	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: DB_TAIT_030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-002 **Work Order #...:** G5PJW1AA **Matrix.....:** WG
Date Sampled...: 03/07/05 09:15 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	**3.2 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

(Continued on next page)

Tait Environmental

Client Sample ID: DB_TAIT_030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-002 **Work Order #...:** G5PJW1AA **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	90	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: EB_TAIT_030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-003 **Work Order #...:** G5PJX1AA **Matrix.....:** WG
Date Sampled...: 03/07/05 10:00 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	**3.4 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

(Continued on next page)

Tait Environmental

Client Sample ID: EB_TAIT_030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-003 **Work Order #...:** G5PJX1AA **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	89	(75 - 130)
1,2-Dichloroethane-d4	79	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: CMW026_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-004 **Work Order #...:** G5PJ01AA **Matrix.....:** WG
Date Sampled...: 03/07/05 10:55 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	**140**	**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	**4.3 J**	**10**	**ug/L**
1,1-Dichloroethane	**4.5 J**	**10**	**ug/L**
2,2-Dichloropropane	ND	10	ug/L
cis-1,2-Dichloroethene	**410**	**10**	**ug/L**
Chloroform	**5.4 J**	**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	**420**	**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

(Continued on next page)

Tait Environmental

Client Sample ID: CMW026_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-004 **Work Order #...:** G5PJ01AA **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	89	(75 - 130)
1,2-Dichloroethane-d4	82	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: WCC_4S_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-005 **Work Order #...:** G5PJ11AA **Matrix.....:** WG
Date Sampled...: 03/07/05 11:07 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	**1800**	**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	**12 J**	**25**	**ug/L**
1,1-Dichloroethane	ND	25	ug/L
2,2-Dichloropropane	ND	25	ug/L
cis-1,2-Dichloroethene	**47**	**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	**770**	**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: WCC_4S_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-005 **Work Order #...:** G5PJ11AA **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	88	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: FB_TAIT030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-006 **Work Order #...:** G5PJ21AA **Matrix.....:** WG
Date Sampled...: 03/07/05 10:37 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	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	**0.44 J**	**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)

Tait Environmental

Client Sample ID: FB_TAIT030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-006 **Work Order #...:** G5PJ21AA **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	90	(75 - 130)
1,2-Dichloroethane-d4	89	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC015_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-007 **Work Order #...:** G5PJ31AA **Matrix.....:** WG
Date Sampled...: 03/07/05 13:00 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **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	**7.6 J**	**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	ND	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	**1700**	**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: MWC015_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-007 **Work Order #...:** G5PJ31AA **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	87	(75 - 130)
1,2-Dichloroethane-d4	84	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWB005_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-008 **Work Order #...:** G5PJ41AA **Matrix.....:** WG
Date Sampled...: 03/07/05 13:17 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	62	ug/L
Chloromethane	ND	120	ug/L
Chloroethane	ND	120	ug/L
Bromomethane	ND	120	ug/L
Trichlorofluoromethane	ND	120	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	62	ug/L
1,1-Dichloroethene	**4300**	**62**	**ug/L**
Methylene chloride	ND	62	ug/L
Methyl tert-butyl ether	ND	62	ug/L
Carbon disulfide	ND	62	ug/L
Acetone	ND	620	ug/L
trans-1,2-Dichloroethene	**82**	**62**	**ug/L**
1,1-Dichloroethane	**58 J**	**62**	**ug/L**
2,2-Dichloropropane	ND	62	ug/L
cis-1,2-Dichloroethene	**220**	**62**	**ug/L**
Chloroform	ND	62	ug/L
Bromochloromethane	ND	62	ug/L
1,1,1-Trichloroethane	ND	62	ug/L
2-Butanone	ND	310	ug/L
1,1-Dichloropropene	ND	62	ug/L
Carbon tetrachloride	ND	31	ug/L
1,2-Dibromoethane	ND	62	ug/L
Benzene	ND	62	ug/L
Trichloroethene	**3100**	**62**	**ug/L**
Bromodichloromethane	ND	62	ug/L
4-Methyl-2-pentanone	ND	310	ug/L
Toluene	ND	62	ug/L
1,1,2-Trichloroethane	**27 J**	**62**	**ug/L**
1,2-Dichloroethane	**29 J**	**31**	**ug/L**
Tetrachloroethene	ND	62	ug/L
2-Hexanone	ND	310	ug/L
Dibromochloromethane	ND	62	ug/L
Chlorobenzene	ND	62	ug/L
1,1,1,2-Tetrachloroethane	ND	62	ug/L
Ethylbenzene	ND	62	ug/L
Vinyl chloride	ND	31	ug/L
Xylenes (total)	ND	62	ug/L
Styrene	ND	62	ug/L
Bromoform	ND	62	ug/L

(Continued on next page)

Tait Environmental

Client Sample ID: MWB005_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-008 **Work Order #...:** G5PJ41AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	62	ug/L
1,1,2,2-Tetrachloroethane	ND	62	ug/L
1,2,3-Trichloropropane	ND	62	ug/L
n-Propylbenzene	ND	62	ug/L
Bromobenzene	ND	62	ug/L
1,3,5-Trimethylbenzene	ND	62	ug/L
2-Chlorotoluene	ND	62	ug/L
4-Chlorotoluene	ND	62	ug/L
tert-Butylbenzene	ND	62	ug/L
1,2,4-Trimethylbenzene	ND	62	ug/L
sec-Butylbenzene	ND	62	ug/L
p-Isopropyltoluene	ND	62	ug/L
1,3-Dichlorobenzene	ND	62	ug/L
1,4-Dichlorobenzene	ND	62	ug/L
n-Butylbenzene	ND	62	ug/L
1,2-Dichlorobenzene	ND	62	ug/L
1,2-Dibromo-3-chloro-propane	ND	120	ug/L
1,2,4-Trichloro-benzene	ND	62	ug/L
Hexachlorobutadiene	ND	62	ug/L
1,2,3-Trichlorobenzene	ND	62	ug/L
Acrolein	ND	1200	ug/L
Acrylonitrile	ND	1200	ug/L
Iodomethane	ND	120	ug/L
2-Chloroethyl vinyl ether	ND	310	ug/L
Tetrahydrofuran	ND	620	ug/L
Vinyl acetate	ND	310	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	88	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

QC DATA ASSOCIATION SUMMARY

E5C070232

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		5075667	5075350
002	WG	SW846 8260B		5075667	5075350
003	WG	SW846 8260B		5075667	5075350
004	WG	SW846 8260B		5075667	5075350
005	WG	SW846 8260B		5075667	5075350
006	WG	SW846 8260B		5075667	5075350
007	WG	SW846 8260B		5075667	5075350
008	WG	SW846 8260B		5075667	5075350

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C160000-667

Prep Date.....: 03/15/05
Analysis Date..: 03/15/05 **Prep Batch #...:** 5075667

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

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AA **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	**0.30 J**	**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	90	(75 - 130)
1,2-Dichloroethane-d4	75	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

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

J Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C160000-667
Prep Date.....: 03/15/05 **Analysis Date..:** 03/15/05
Prep Batch #...: 5075667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	126	(40 - 160)	SW846 8260B
Chloromethane	117	(60 - 140)	SW846 8260B
Chloroethane	109	(60 - 140)	SW846 8260B
Bromomethane	156 a	(60 - 140)	SW846 8260B
t-Butanol	40	(40 - 150)	SW846 8260B
Trichlorofluoromethane	110	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	107	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**109**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	94	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	79	(70 - 130)	SW846 8260B
Carbon disulfide	107	(70 - 130)	SW846 8260B
Acetone	88	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	99	(70 - 130)	SW846 8260B
1,1-Dichloroethane	91	(70 - 130)	SW846 8260B
Dibromomethane	82	(70 - 130)	SW846 8260B
2,2-Dichloropropane	104	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	93	(70 - 130)	SW846 8260B
Chloroform	90	(70 - 130)	SW846 8260B
Bromochloromethane	72	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	90	(70 - 130)	SW846 8260B
2-Butanone	83	(60 - 140)	SW846 8260B
1,1-Dichloropropene	89	(70 - 130)	SW846 8260B
1,2-Dichloropropane	84	(70 - 130)	SW846 8260B
Carbon tetrachloride	90	(70 - 130)	SW846 8260B
1,3-Dichloropropane	82	(70 - 130)	SW846 8260B
1,2-Dibromoethane	83	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	86	(70 - 130)	SW846 8260B
Benzene	**90**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	86	(70 - 130)	SW846 8260B
Trichloroethene	**87**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	89	(70 - 130)	SW846 8260B
Isopropyl ether	84	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	78	(60 - 140)	SW846 8260B
Naphthalene	88	(60 - 140)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C160000-667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**91**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	81	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	82	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	83	(70 - 130)	SW846 8260B
1,2-Dichloroethane	87	(70 - 130)	SW846 8260B
Tetrachloroethene	84	(70 - 130)	SW846 8260B
2-Hexanone	89	(60 - 140)	SW846 8260B
Dibromochloromethane	85	(70 - 130)	SW846 8260B
Chlorobenzene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	86	(70 - 130)	SW846 8260B
Ethylbenzene	92	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	95	(70 - 130)	SW846 8260B
Vinyl chloride	121	(60 - 140)	SW846 8260B
o-Xylene	89	(70 - 130)	SW846 8260B
Styrene	92	(70 - 130)	SW846 8260B
Bromoform	80	(70 - 130)	SW846 8260B
Isopropylbenzene	81	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	81	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	83	(70 - 130)	SW846 8260B
n-Propylbenzene	94	(70 - 130)	SW846 8260B
Bromobenzene	86	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	96	(70 - 130)	SW846 8260B
2-Chlorotoluene	88	(70 - 130)	SW846 8260B
4-Chlorotoluene	94	(70 - 130)	SW846 8260B
tert-Butylbenzene	90	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	93	(70 - 130)	SW846 8260B
sec-Butylbenzene	95	(70 - 130)	SW846 8260B
p-Isopropyltoluene	90	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	85	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	88	(70 - 130)	SW846 8260B
n-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	84	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	77	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	84	(70 - 130)	SW846 8260B
Hexachlorobutadiene	87	(70 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C160000-667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	83	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	76	(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 #...: E5C070232 **Work Order #...:** G6D6L1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C160000-667
Prep Date.....: 03/15/05 **Analysis Date..:** 03/15/05
Prep Batch #...: 5075667

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	12.6	ug/L	126	SW846 8260B
Chloromethane	10.0	11.7	ug/L	117	SW846 8260B
Chloroethane	10.0	10.9	ug/L	109	SW846 8260B
Bromomethane	10.0	15.6 a	ug/L	156	SW846 8260B
t-Butanol	50.0	19.9	ug/L	40	SW846 8260B
Trichlorofluoromethane	10.0	11.0	ug/L	110	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	10.7	ug/L	107	SW846 8260B
1,1-Dichloroethene	**10.0**	**10.9**	**ug/L**	**109**	**SW846 8260B**
Methylene chloride	10.0	9.37	ug/L	94	SW846 8260B
Methyl tert-butyl ether	10.0	7.86	ug/L	79	SW846 8260B
Carbon disulfide	50.0	53.7	ug/L	107	SW846 8260B
Acetone	50.0	44.2	ug/L	88	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.87	ug/L	99	SW846 8260B
1,1-Dichloroethane	10.0	9.06	ug/L	91	SW846 8260B
Dibromomethane	10.0	8.19	ug/L	82	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	9.00	ug/L	90	SW846 8260B
Bromochloromethane	10.0	7.20	ug/L	72	SW846 8260B
1,1,1-Trichloroethane	10.0	8.96	ug/L	90	SW846 8260B
2-Butanone	50.0	41.3	ug/L	83	SW846 8260B
1,1-Dichloropropene	10.0	8.90	ug/L	89	SW846 8260B
1,2-Dichloropropane	10.0	8.42	ug/L	84	SW846 8260B
Carbon tetrachloride	10.0	8.95	ug/L	90	SW846 8260B
1,3-Dichloropropane	10.0	8.18	ug/L	82	SW846 8260B
1,2-Dibromoethane	10.0	8.29	ug/L	83	SW846 8260B
cis-1,3-Dichloropropene	10.0	8.59	ug/L	86	SW846 8260B
Benzene	**10.0**	**8.95**	**ug/L**	**90**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.58	ug/L	86	SW846 8260B
Trichloroethene	**10.0**	**8.69**	**ug/L**	**87**	**SW846 8260B**
Bromodichloromethane	10.0	8.91	ug/L	89	SW846 8260B
Isopropyl ether	10.0	8.40	ug/L	84	SW846 8260B
4-Methyl-2-pentanone	50.0	39.1	ug/L	78	SW846 8260B
Naphthalene	10.0	8.84	ug/L	88	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C160000-667

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.12**	**ug/L**	**91**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.09	ug/L	81	SW846 8260B
Tert-amyl methyl ether	10.0	8.15	ug/L	82	SW846 8260B
Tert-butyl ethyl ether	10.0	8.27	ug/L	83	SW846 8260B
1,2-Dichloroethane	10.0	8.66	ug/L	87	SW846 8260B
Tetrachloroethene	10.0	8.40	ug/L	84	SW846 8260B
2-Hexanone	50.0	44.5	ug/L	89	SW846 8260B
Dibromochloromethane	10.0	8.52	ug/L	85	SW846 8260B
Chlorobenzene	**10.0**	**8.77**	**ug/L**	**88**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.59	ug/L	86	SW846 8260B
Ethylbenzene	10.0	9.15	ug/L	92	SW846 8260B
m-Xylene & p-Xylene	20.0	18.9	ug/L	95	SW846 8260B
Vinyl chloride	10.0	12.1	ug/L	121	SW846 8260B
o-Xylene	10.0	8.91	ug/L	89	SW846 8260B
Styrene	10.0	9.15	ug/L	92	SW846 8260B
Bromoform	10.0	8.02	ug/L	80	SW846 8260B
Isopropylbenzene	10.0	8.13	ug/L	81	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.13	ug/L	81	SW846 8260B
1,2,3-Trichloropropane	10.0	8.31	ug/L	83	SW846 8260B
n-Propylbenzene	10.0	9.35	ug/L	94	SW846 8260B
Bromobenzene	10.0	8.63	ug/L	86	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.58	ug/L	96	SW846 8260B
2-Chlorotoluene	10.0	8.82	ug/L	88	SW846 8260B
4-Chlorotoluene	10.0	9.45	ug/L	94	SW846 8260B
tert-Butylbenzene	10.0	9.01	ug/L	90	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.29	ug/L	93	SW846 8260B
sec-Butylbenzene	10.0	9.53	ug/L	95	SW846 8260B
p-Isopropyltoluene	10.0	9.05	ug/L	90	SW846 8260B
1,3-Dichlorobenzene	10.0	8.53	ug/L	85	SW846 8260B
1,4-Dichlorobenzene	10.0	8.79	ug/L	88	SW846 8260B
n-Butylbenzene	10.0	9.19	ug/L	92	SW846 8260B
1,2-Dichlorobenzene	10.0	8.37	ug/L	84	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.73	ug/L	77	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.45	ug/L	84	SW846 8260B
Hexachlorobutadiene	10.0	8.68	ug/L	87	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C070232 **Work Order #...:** G6D6L1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C160000-667

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.34	ug/L	83	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	76	(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 #...: E5C070232 Work Order #...: G5PJ41AC-MS Matrix.....: WG
MS Lot-Sample #: E5C070232-008 G5PJ41AD-MSD
Date Sampled...: 03/07/05 13:17 Date Received..: 03/07/05 17:50
Prep Date.....: 03/15/05 Analysis Date..: 03/16/05
Prep Batch #...: 5075667

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	0.0 MSB	(65 - 135)			SW846 8260B
	0.0 MSB	(65 - 135)	0.0	(0-25)	SW846 8260B
Benzene	84	(75 - 125)			SW846 8260B
	86	(75 - 125)	3.0	(0-25)	SW846 8260B
Trichloroethene	94	(75 - 135)			SW846 8260B
	124	(75 - 135)	4.9	(0-25)	SW846 8260B
Toluene	88	(75 - 125)			SW846 8260B
	83	(75 - 125)	6.2	(0-25)	SW846 8260B
Chlorobenzene	84	(75 - 125)			SW846 8260B
	79	(75 - 125)	5.9	(0-25)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
	90	(75 - 130)
1,2-Dichloroethane-d4	81	(65 - 135)
	85	(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

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 #...: E5C070232 **Work Order #...:** G5PJ41AC-MS **Matrix.....:** WG
MS Lot-Sample #: E5C070232-008 G5PJ41AD-MSD
Date Sampled...: 03/07/05 13:17 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	4300	625		ug/L	0.0		SW846 8260B
	Qualifiers: MSB						
	4300	625		ug/L	0.0	0.0	SW846 8260B
	Qualifiers: MSB						
Benzene	ND	625	523	ug/L	84		SW846 8260B
	ND	625	539	ug/L	86	3.0	SW846 8260B
Trichloroethene	3100	625	3690	ug/L	94		SW846 8260B
	3100	625	3880	ug/L	124	4.9	SW846 8260B
Toluene	ND	625	551	ug/L	88		SW846 8260B
	ND	625	518	ug/L	83	6.2	SW846 8260B
Chlorobenzene	ND	625	524	ug/L	84		SW846 8260B
	ND	625	494	ug/L	79	5.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
	90	(75 - 130)
1,2-Dichloroethane-d4	81	(65 - 135)
	85	(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

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

Appendix E

Data Validation Report

RUBICON
Engineering Corporation

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

Tait Environmental Management, Inc.
701 N. Park Center Drive
Santa Ana, CA 92705
ATTN: Mr. Matt Hillman

April 19, 2005

SUBJECT: Boeing Realty Corp., Former C-6 Facility, Torrance, CA, Data Validation

Dear Mr. Hillman,

Enclosed are the revised data validation reports for the fraction listed below. Please replace the previously submitted reports with the enclosed revised reports.

LDC Project # 13309:

SDG #	Fraction
E5C020391, E5C040421, E5C070232	Volatiles

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

Sincerely,

Steven A. Ziliak
Senior Chemist

13309REV.wpd

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

Tait Environmental Management, Inc.
701 N. Park Center Drive
Santa Ana, CA 92705
ATTN: Mr. Matt Hillman

April 14, 2005

SUBJECT: Boeing, Bldg. C-6, Data Validation

Dear Mr. Hillman,

Enclosed are the final validation reports for the fraction listed below. These SDGs were received on March 24, 2005. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 13309:

SDG #	Fraction
E5C020391, E5C040421, E5C070232	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; update IIIA, April 1998

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

Sincerely,

Steven A. Ziliak
Senior Chemist

13309COV.wpd

Attachment 1

LDC #13309 (Tait Environmenal Management, Inc. / Boeing, Bldg C-6)

LDC	SDG#	DATE REC'D	DATE DUE	VOA (8260B)																															
Matrix:	Water/Soil			W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	E5C020391	03/24/05	04/14/05	1	0	Tier I																													
B	E5C040421	03/24/05	04/14/05	1	0																														
C	E5C070232	03/24/05	04/14/05	1	0																														
Total	B			3	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	3

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

13309ST.wpd

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Boeing Realty Corp, Former C-6 Facility, Torrance CA

Collection Date: March 2, 2005

LDC Report Date: April 19, 2005

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 1

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E5C020391

Sample Identification

MWBO19_WG030205_0001

Introduction

This data review covers one water sample 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.

Raw data were not reviewed for this SDG. The review was 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 check data were not reviewed for Level II.

III. Initial Calibration

Initial calibration data were not reviewed for Level II.

IV. Continuing Calibration

Continuing calibration data were not reviewed for Level II.

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. 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.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

Internal standards data were not reviewed for Level II.

XI. Target Compound Identifications

Raw data were not reviewed for this SDG.

XII. Compound Quantitation and CRQLs

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

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

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

BOE-C6-0011836

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Data Qualification Summary - SDG E5C020391

No Sample Data Qualified in this SDG

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Laboratory Blank Data Qualification Summary - SDG E5C020391

No Sample Data Qualified in this SDG

Tait Environmental

Client Sample ID: MWBO19_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-007 **Work Order #...:** G5FDV1AA **Matrix.....:** WG
Date Sampled...: 03/02/05 12:05 **Date Received..:** 03/02/05 17:35
Prep Date.....: 03/04/05 **Analysis Date..:** 03/04/05
Prep Batch #...: 5066534 **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	**2400**	**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	**110**	**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	**160**	**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

(Continued on next page)

A 41305

Tait Environmental

Client Sample ID: MWBO19_WG030205_0001

GC/MS Volatiles

Lot-Sample #...: E5C020391-007 **Work Order #...:** G5FDV1AA **Matrix.....:** WG

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	83	(65 - 135)
Toluene-d8	105	(80 - 130)

A
41305

LDC #: 13309A1

SDG #: E5C020391

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

Tier 1 (LEVEL II)

Date: 3/30/05

Page: 1 of 1

Reviewer: JG

2nd Reviewer: [illegible]

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

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

	Validation Area		Comments
I.	Technical holding times /COC	N	Sampling dates: 3/02/05
II.	GC/MS Instrument performance check	N	
III.	Initial calibration	N	
IV.	Continuing calibration	N	
V.	Blanks	✓	
VI.	Surrogate spikes	✓	
VII.	Matrix spike/Matrix spike duplicates	✓	
VIII.	Laboratory control samples	✓	
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	✓	
XVI.	Field duplicates	N	
XVII.	Field blanks	✓	

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: Water

1	MWBO19_WG030205_0001	11		21		31	
2		12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Boeing Realty Corp, Former C-6 Facility, Torrance CA

Collection Date: March 4, 2005

LDC Report Date: April 19, 2005

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 2

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E5C040421

Sample Identification

CMW002_WG030405_0001
CMW002_WG030405_0001MS
CMW002_WG030405_0001MSD

Introduction

This data review covers 3 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.

Raw data were not reviewed for this SDG. The review was 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.

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
3/9/05	Acrolein Acetone Acrylonitrile Tetrahydrofuran 2-Chloroethylvinyl ether	0.02877 (≥0.05) 0.03685 (≥0.05) 0.04065 (≥0.05) 0.04326 (≥0.05) 0.00138 (≥0.05)	All samples in SDG E5C040421	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.

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
3/9/05	Acrolein Acetone Acrylonitrile Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	0.02579 (≥0.05) 0.03235 (≥0.05) 0.03814 (≥0.05) 0.03968 (≥0.05) 0.00142 (≥0.05) 0.04930 (≥0.05)	All samples in SDG E5C040421	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. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Compound	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
CMW002_WG030405_0001MS/MSD (CMW002_WG030405_0001)	Trichloroethene	71 (75-135)	69 (75-135)	-	J (all detects) UJ (all non-detects)	A

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
G5XVH1AC	Bromomethane	163 (60-140)	All samples in SDG E5C040421	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

Raw data were not reviewed for this SDG.

XII. Compound Quantitation and CRQLs

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

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

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

BOE-C6-0011845

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Data Qualification Summary - SDG E5C040421

SDG	Sample	Compound	Flag	A or P	Reason
E5C040421	CMW002_WG030405_0001	Acrolein Acetone Acrylonitrile Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) R (all non-detects)	A	Initial calibration (RRF)
E5C040421	CMW002_WG030405_0001	Acrolein Acetone Acrylonitrile Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	J (all detects) R (all non-detects)	A	Continuing calibration (RRF)
E5C040421	CMW002_WG030405_0001	Trichloroethene	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicates (%R)
E5C040421	CMW002_WG030405_0001	Bromomethane	J (all detects)	P	Laboratory control samples (%R)

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Laboratory Blank Data Qualification Summary - SDG E5C040421

No Sample Data Qualified in this SDG

Tait Environmental

Client Sample ID: CMW002_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-004 **Work Order #...:** G5L0W1AA **Matrix.....:** WG
Date Sampled...: 03/04/05 12:30 **Date Received..:** 03/04/05 15:40
Prep Date.....: 03/09/05 **Analysis Date..:** 03/09/05
Prep Batch #...: 5069291 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	200	ug/L
Chloromethane	ND	400	ug/L
Chloroethane	ND	400	ug/L
Bromomethane	ND	400	ug/L
Trichlorofluoromethane	ND	400	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	200	ug/L
1,1-Dichloroethene	ND	200	ug/L
Methylene chloride	ND	200	ug/L
Methyl tert-butyl ether	ND	200	ug/L
Carbon disulfide	ND	200	ug/L
Acetone	**900 J** J	**2000**	**ug/L**
trans-1,2-Dichloroethene	ND	200	ug/L
1,1-Dichloroethane	ND	200	ug/L
2,2-Dichloropropane	ND	200	ug/L
cis-1,2-Dichloroethene	ND	200	ug/L
Chloroform	ND	200	ug/L
Bromochloromethane	ND	200	ug/L
1,1,1-Trichloroethane	ND	200	ug/L
2-Butanone	ND	1000	ug/L
1,1-Dichloropropene	ND	200	ug/L
Carbon tetrachloride	ND	100	ug/L
1,2-Dibromoethane	ND	200	ug/L
Benzene	ND	200	ug/L
Trichloroethene	**690** J	**200**	**ug/L**
Bromodichloromethane	ND	200	ug/L
4-Methyl-2-pentanone	ND	1000	ug/L
Toluene	ND	200	ug/L
1,1,2-Trichloroethane	ND	200	ug/L
1,2-Dichloroethane	ND	100	ug/L
Tetrachloroethene	ND	200	ug/L
2-Hexanone	ND	1000	ug/L
Dibromochloromethane	ND	200	ug/L
Chlorobenzene	**9700**	**200**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	200	ug/L
Ethylbenzene	ND	200	ug/L
Vinyl chloride	ND	100	ug/L
Xylenes (total)	ND	200	ug/L
Styrene	ND	200	ug/L
Bromoform	ND	200	ug/L

(Continued on next page)

4/13/05

Tait Environmental

Client Sample ID: CMW002_WG030405_0001

GC/MS Volatiles

Lot-Sample #...: E5C040421-004 Work Order #...: G5L0W1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	200	ug/L
1,1,2,2-Tetrachloroethane	ND	200	ug/L
1,2,3-Trichloropropane	ND	200	ug/L
n-Propylbenzene	ND	200	ug/L
Bromobenzene	ND	200	ug/L
1,3,5-Trimethylbenzene	ND	200	ug/L
2-Chlorotoluene	ND	200	ug/L
4-Chlorotoluene	ND	200	ug/L
tert-Butylbenzene	ND	200	ug/L
1,2,4-Trimethylbenzene	ND	200	ug/L
sec-Butylbenzene	ND	200	ug/L
p-Isopropyltoluene	ND	200	ug/L
1,3-Dichlorobenzene	ND	200	ug/L
1,4-Dichlorobenzene	ND	200	ug/L
n-Butylbenzene	ND	200	ug/L
1,2-Dichlorobenzene	ND	200	ug/L
1,2-Dibromo-3-chloro-propane	ND R	400	ug/L
1,2,4-Trichloro-benzene	ND	200	ug/L
Hexachlorobutadiene	ND	200	ug/L
1,2,3-Trichlorobenzene	ND	200	ug/L
Acrolein	ND R	4000	ug/L
Acrylonitrile	ND R	4000	ug/L
Iodomethane	**240 J**	**400**	**ug/L**
2-Chloroethyl vinyl ether	ND R	1000	ug/L
Tetrahydrofuran	ND R	2000	ug/L
Vinyl acetate	ND	1000	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 130)
1,2-Dichloroethane-d4	100	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

A 4305

LDC #: 13309B1

SDG #: E5C040421

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

Tier 2

Date: 3/30/05

Page: 1 of 1

Reviewer: NG

2nd Reviewer: ✓

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: 3/04/05
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	SW	
IV.	Continuing calibration	SW	
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	SW	
VIII.	Laboratory control samples	SW	LCS
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	N	
XII.	Compound quantitation/CRQLs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

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: Water

1	CMW002_WG030405_0001	11		21		31	
2	CMW002_WG030405_0001MS	12		22		32	
3	CMW002_WG030405_0001MSD	13		23		33	
4	MB	14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

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

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

BOE-C6-0011850

LDC #: 13309-B1
SDG #: E5C04021

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer: JVG
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 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
	3/09/05	ICAL	FFFF		0.02877	All + Blk	J/R/A
			F		0.03685		
			GGGG		0.04064		
			LLLL		0.04326		
			II		0.00138		

INICAL 1SB

BOE-C6-0011851

LDC #: 13309 B1
SDG #: E5C040421

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

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

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

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

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	3/09/05	QS1874	FFFF		0.02579	All + Blk	J/R/A
			F		0.03235		
			GGGG		0.03814		
			LLLL		0.03968		
			II		0.00142		
			MM		0.04930		

BOE-C6-0011852

LDC #: 13309 B1
SDG #: E5C040421

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1
Reviewer: JVC
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
		2/3	S	71 (75-135)	69 (75-135)	( )	#1	J/UJ/A
			DD	0 (75-125)	0 (75-125)	( )	↓	No qual (parent conc >2x spike amount)
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

	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%

MSD.1SB

LDC #: 13309 B1
SDG #: E5C040421

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

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

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

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

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

#	Date	LCS/LCSD ID	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
		G5XV11AC	B	163 (60-140)	( )	( )	All + Blk	J dets /P
			~~H~~	~~H~~ (~~65-135~~)	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

LCSLCSD.1 SB

ROE-C6-001185A

Laboratory Data Consultants, Inc.
Data Validation Report

Project/Site Name: Boeing Realty Corp, Former C-6 Facility, Torrance CA

Collection Date: March 7, 2005

LDC Report Date: April 19, 2005

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 3

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E5C070232

Sample Identification

WCC_4S_WG030705_0001

Introduction

This data review covers one water sample 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.

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
3/15/05	Dichlorodifluoromethane	30.109	All samples in SDG E5C070232	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
3/15/05	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.01887 (≥0.05) 0.01899 (≥0.05) 0.02611 (≥0.05) 0.03186 (≥0.05) 0.02484 (≥0.05) 0.00069 (≥0.05)	All samples in SDG E5C070232	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
3/15/05	Dichlorodifluoromethane Vinyl acetate Tetrahydrofuran 2-Chloroethylvinyl ether 4-Methyl-2-pentanone	29.02384 65.02501 29.90033 26.36261 27.63732	All samples in SDG E5C070232	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
3/15/05	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.01630 (≥0.05) 0.01460 (≥0.05) 0.02082 (≥0.05) 0.02436 (≥0.05) 0.01741 (≥0.05) 0.00051 (≥0.05)	All samples in SDG E5C070232	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 with the following exceptions:

Method Blank ID	Analysis Date	Compound TIC (RT in minutes)	Concentration	Associated Samples
G6D6L1AA	3/15/05	1,2,4-Trichlorobenzene	0.30 ug/L	All samples in SDG E5C070232

Sample concentrations were compared to concentrations detected in the method blanks. The sample concentrations were either not detected or were significantly greater (>10X for common contaminants, >5X for other contaminants) than the concentrations found in the associated 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. Percent recoveries (%R) and relative percent differences (RPD) were not within QC limits. Since there were no associated samples, no data were qualified.

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
G6D6L1AC	Bromomethane	156 (60-140)	All samples in SDG E5C070232	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.

XII. Compound Quantitation and CRQLs

All compound quantitation and CRQLs were within validation 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.

XV. Overall Assessment of Data

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

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

BOE-C6-0011860

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Data Qualification Summary - SDG E5C070232

SDG	Sample	Compound	Flag	A or P	Reason
E5C070232	WCC_4S_WG030705_0001	Dichlorodifluoromethane	J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E5C070232	WCC_4S_WG030705_0001	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) R (all non-detects)	A	Initial calibration (RRF)
E5C070232	WCC_4S_WG030705_0001	Dichlorodifluoromethane Vinyl acetate Tetrahydrofuran 2-Chloroethylvinyl ether 4-Methyl-2-pentanone	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E5C070232	WCC_4S_WG030705_0001	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) R (all non-detects)	A	Continuing calibration (RRF)
E5C070232	WCC_4S_WG030705_0001	Bromomethane	J (all detects)	P	Laboratory control samples (%R)

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Laboratory Blank Data Qualification Summary - SDG E5C070232

No Sample Data Qualified in this SDG

Tait Environmental

Client Sample ID: WCC_4S_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-005 **Work Order #...:** G5PJ11AA **Matrix.....:** WG
Date Sampled...: 03/07/05 11:07 **Date Received..:** 03/07/05 17:50
Prep Date.....: 03/15/05 **Analysis Date..:** 03/16/05
Prep Batch #...: 5075667 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND UJ	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	**1800**	**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 R	250	ug/L
trans-1,2-Dichloroethene	**12 J**	**25**	**ug/L**
1,1-Dichloroethane	ND	25	ug/L
2,2-Dichloropropane	ND	25	ug/L
cis-1,2-Dichloroethene	**47**	**25**	**ug/L**
Chloroform	ND	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	25	ug/L
Carbon tetrachloride	ND	12	ug/L
1,2-Dibromoethane	ND	25	ug/L
Benzene	ND	25	ug/L
Trichloroethene	**770**	**25**	**ug/L**
Bromodichloromethane	ND	25	ug/L
4-Methyl-2-pentanone	ND UJ	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)

4/30/05

Tait Environmental

Client Sample ID: WCC_4S_WG030705_0001

GC/MS Volatiles

Lot-Sample #...: E5C070232-005 **Work Order #...:** G5PJ11AA **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 R	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 UJ	120	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 130)
1,2-Dichloroethane-d4	86	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

LDC #: 13309C1

SDG #: E5C070232

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

Tier 3

Date: 3/20/05

Page: 1 of 1

Reviewer: JVG

2nd Reviewer: [illegible]

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

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

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/07/05
II.	GC/MS Instrument performance check	A	
III.	Initial calibration	SW	
IV.	Continuing calibration	SW	
V.	Blanks	SW	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	SW	~~MWB~~ MWB005-WG030705-0001 (from this SDG)
VIII.	Laboratory control samples	SW	LCS
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	A	
XI.	Target compound identification	A	
XII.	Compound quantitation/CRQLs	A	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	A	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	N	
XVII.	Field blanks	N	

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: Water

+ 1	WCC_4S_WG030705_0001	11		21		31	
+ 2	~~MB~~ G6DGL1AA	12		22		32	
3		13		23		33	
4		14		24		34	
5		15		25		35	
6		16		26		36	
7		17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

VALIDATION FINDINGS CHECKLIST

LDC #: 13309C1
SDG #: E5C070232

Reviewer: JVC
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) ≤ 30% and relative response factors (RRF) ≥ 0.05?		✓		
IV. Continuing calibration				
Was a continuing calibration standard analyzed at least once every 12 hours for each instrument?	✓			
Were all percent differences (%D) and relative response factors (RRF) within method criteria for all CCCs and SPCCs?	✓			
Were all percent differences (%D) ≤ 25% and relative response factors (RRF) ≥ 0.05?		✓		
V. Blanks				
Was a method blank associated with every sample in this SDG?	✓			
Was a method blank analyzed at least once every 12 hours for each matrix and concentration?	✓			
Was there contamination in the method blanks? If yes, please see the Blanks validation completeness worksheet.	✓			
VI. Surrogate spikes				
Were all surrogate %R within QC limits?	✓			
If the percent recovery (%R) for one or more surrogates was out of QC limits, was a reanalysis performed to confirm samples with %R outside of criteria?			✓	
VII. Matrix spike/Matrix spike duplicates				
Were a matrix spike (MS) and matrix spike duplicate (MSD) analyzed for each matrix in this SDG? If no, indicate which matrix does not have an associated MS/MSD. Soil / Water.	✓			
Was a MS/MSD analyzed every 20 samples of each matrix?	✓			
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?		✓		

VALIDATION FINDINGS CHECKLIST

LDC #: 13309C1
SDG #: ES C070232

Reviewer: JVC
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 #: 13309C1
SDG #: E5L070232

VALIDATION FINDINGS CHECKLIST

Reviewer: JVG
2nd Reviewer: [illegible]

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

TARGET COMPOUND WORKSHEET

METHOD: VOA (EPA SW 846 Method 8260B)

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

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

BOE-C6-0011868

LDC #: 13309C1
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer: JVC
2nd Reviewer: K

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
	3/15/05	ICAL	FFFF		0.01887	All + Blk	J/R/A
			F		0.01899		
			GGGG		0.02611		
			M		0.03186		
			LLLL		0.02484		
			II		0.00069		
			JJ	30.109			J/UJ/A

INICAL 1SB

LDC #: 13309C1
SDG #: ES C070232

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

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

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

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

#	Date	Standard ID	Compound	Finding %D (Limit: ≤25.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	3/15/05	RS0863	FFFF		0.01630	All + Blk	J/R/A
			F		0.01460		
			GGGG		0.02082		
			M		0.02436		
			LLLL		0.01741		
			II		0.00051		
			JJ	29.02384			J/UJ/A
			HH	65.02501			
			LLLL	29.90033			
			II	26.36261			
			Y	27.63732			

BOE-C6-0011870

LDC #: 13309C1
SDG #: ES C070232

VALIDATION FINDINGS WORKSHEET
Blanks

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

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

Y N N/A Was a method blank associated with every sample in this SDG?
Y N N/A Was a method blank analyzed at least once every 12 hours for each matrix and concentration?
Y/N N/A Was there contamination in the method blanks? If yes, please see the qualifications below.

Blank analysis date: 3/15/05
Conc. units: ug/L
Associated Samples: All (ND)

Compound	Blank ID	Sample Identification								
	G6D6L1AA									
Methylene chloride										
Acetone										
KKK	0.30									
CRQL										

Blank analysis date:
Conc. units:
Associated Samples:

Compound	Blank ID	Sample Identification								
Methylene chloride										
Acetone										
CRQL										

All results were qualified using the criteria stated below except those circled.

Note: Common contaminants such as Methylene chloride, Acetone, 2-Butanone, Carbon disulfide and TICs that were detected in samples within ten times the associated method blank concentration were qualified as not detected, "U". Other contaminants within five times the method blank concentration were also qualified as not detected, "U".

BLANKS2.1SB

BOE-C6-0011871

LDC #: 1330901
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates

Page: 1 of 1
Reviewer: JVG
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
		MWB005-WG036705-0001	H	0 (65-135)	0 (65-135)	( )	None	No qual
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

	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%

MSD.1SB

LDC #: 13309C1
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

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

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

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

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

#	Date	LCS/LCSD ID	Compound	LCS %R (Limits)	LCSD %R (Limits)	RPD (Limits)	Associated Samples	Qualifications
		GGD6L1AC	B	156 (60-140)	( )	( )	All + Blk	J dets / P
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

LCSLCSD.1SB

ROE-C6-001187

LDC #: 133091
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

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

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	ICAL	3/15/05	Methylene chloride (1st internal standard)	0.18392	0.18392	0.18575	0.18575	6.682	6.682
			~~Trichlorethene~~ EE (2nd internal standard)	1.81786	1.81786	1.85452	1.85493	6.164	6.164
			~~Toluene~~ BB (3rd internal standard)	0.38566	0.38566	0.39155	0.39155	8.011	8.012
2			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
3			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
4			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						

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

INICLC 1SB

DC #: 1330901
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer: JVG
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	RS083	3/15/05	Methylene chloride (1st internal standard)	0.18575	0.17196	0.17196	7.42235	7.42198
			~~Trichlorethene~~ EE (2nd internal standard)	1.85492	1.70080	1.70080	8.30889	8.30867
			~~Toluene~~ BB (3rd internal standard)	0.39155	0.32531	0.32531	16.91768	16.9178
2			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					
3			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					
4			Methylene chloride (1st internal standard)					
			Trichlorethene (2nd internal standard)					
			Toluene (3rd internal standard)					

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

LDC #: 13309C1
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

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

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

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

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: # 1

	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
Toluene-d8	10	9.69765	97	97	0
Bromofluorobenzene	↓	8.80526	88	88	↓
1,2-Dichloroethane-d4	↓	8.65020	86	86	↓
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 #: 13309C1
SDG #: ES070232

VALIDATION FINDINGS WORKSHEET
Matrix Spike/Matrix Spike Duplicates Results Verification

Page: 1 of 1
Reviewer: JVC
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: MWB005-WG030705-0001

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	625	625	4300	0	0	0	0	0	0	0	0
Trichloroethene	↓	↓	3100	3690	3880	94	94	124	125	4.9	5.0
Benzene	↓	↓	~~533~~ 0	527	535	84	84	86	86	3.0	3.0
Toluene	↓	↓	~~551~~ ↓	538	518	88	88	83	83	6.2	6.2
Chlorobenzene	↓	↓	↓	574	494	84	84	79	79	5.9	5.9

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.

BOE-C6-0011877

LDC #: 13309C1
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Laboratory Control Sample Results Verification

Page: 1 of 1
Reviewer: JVC
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: 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	NA	10.9	NA	109	109				
Trichloroethene			8.69		87	87				
Benzene			8.95		90	90				
Toluene			9.12		91	91				
Chlorobenzene			8.77		88	88				

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

LCSCLC.1SB

BOE-C6-0011878

LDC #: 13309C1
SDG #: E5C070232

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: JVG
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. #1, H:

Conc. = (1283401)(10)( )
(1053561)(0.17157)( )( )

= 71.02 (25 ml)

= 1775.5 ≈ 1800 ng/L

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