SEMI-ANNUAL
GROUNDWATER MONITORING REPORT
SEPTEMBER 2005
(FILE NO. 95-036)

Boeing Realty Corporation
Former C-6 Facility
Los Angeles, California
November 29, 2005

PREPARED FOR
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RUBICON
Engineering Corporation

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November 29, 2005 Project No. 1010.02

Ms. Ana Townsend
LOS ANGELES REGIONAL WATER
QUALITY CONTROL BOARD
320 West 4th Street, Suite 200
Los Angeles, California 90013-2343

Semi-Annual Groundwater Monitoring Report
September 2005
(File No. 95-036)
Boeing Realty Corporation
Former C-6 Facility
Los Angeles, California

Dear Ms. Townsend:

Rubicon Engineering Corporation (Rubicon) has prepared the Semi-Annual Groundwater Monitoring Report on behalf of Boeing Realty Corporation (BRC) in order to document the groundwater monitoring and sampling activities conducted in September 2005 at the Former C-6 Facility (site) in Los Angeles, California.

The purpose of the groundwater monitoring reported herein is to evaluate the lateral and vertical distribution of volatile organic compounds (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 semi-annual groundwater monitoring event was performed in accordance with the *Groundwater Monitoring Work Plan 2005* (Haley & Aldrich, 2004) and included the following:

- Measuring static groundwater levels in 42 wells.
- Measuring field parameters {pH, dissolved oxygen (DO), oxidation-reduction potential (ORP), electrical conductivity (EC), and temperature} in 27 monitoring wells.
- Collecting groundwater samples from 27 monitoring wells and analyzing for VOCs using EPA Method 8260B.
- Collecting 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.

Groundwater Elevation Measurements

Groundwater elevation measurements were recorded on September 15, 2005 by Tait Environmental Management, Inc. (Tait) field personnel for all monitoring wells at the site. The well locations are shown in Figure 1. The reference elevations used to calculate groundwater elevations are included in Table 2. A summary of the groundwater elevations for September 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. Groundwater flow in the B-Sand and C-Sand is generally to the south with a gradient of 0.00095. The groundwater flow in the Gage aquifer is generally to the southeast with a gradient of 0.00025. Groundwater contour maps for the B-Sand, C-Sand, and Gage aquifer are presented in Figures 2, 3, and 4, respectively.

Groundwater Quality

Groundwater sampling was conducted by Tait on September 19 through September 22, 2005. The groundwater monitoring and sampling procedures are presented in Appendix A. The groundwater sampling forms and field data are presented in Appendix B. The concentrations of detected VOCs from samples collected during September 2005 are summarized in Table 5. The distribution of TCE in the B-Sand, C-Sand, and Gage aquifer is presented in Figures 5,6, and 7, respectively. A compilation of historical water quality data is presented in Table 6 to facilitate comparison between current and previous water quality data. Copies of the laboratory data are included in Appendix C.

Monitored natural attenuation (MNA) parameters, including pH, DO, ORP, EC, and temperature were measured during purging of the groundwater monitoring wells. Table 7 presents historical MNA parameters for wells at the site.

Quality Assurance/Quality Control

Several QA/QC measures were implemented to provide qualitative and quantitative checks on data. Field QA/QC measures for the September 2005 monitoring event included duplicate samples from Wells MWB020, MWC007, and MWG003, three trip blank samples, three equipment rinse blank samples, three decontamination water blanks, and three field blank samples.

The primary and duplicate results from wells MWB020, MWC007, and MWG003 (Table 5) indicate the relative percent difference (RPD) ranged from 0 to 6.9 percent. The low RPD between the duplicate samples indicates high precision of the laboratory analysis.

The results of the blank sample analyses contained only estimated, low level concentrations of acetone, 1,2-dichlorobenzene, and/or methylene chloride.

Data validation was performed by Laboratory Data Consultants (LDC) of Carlsbad, California. A copy of the data validation report is presented in Appendix D. Three samples were submitted to LDC for validation. One sample (TMW_14) was subject to Tier 1 validation, one sample (MWB020) was subject to Tier 2 validation, and one sample (TMW_07) was subject to Tier 3 validation. Based on the results of the data validation report, the data show an acceptable degree of precision and accuracy for the VOCs present in groundwater. The appropriate data qualifiers have been included in Table 5.

If you have any questions or need further information, please do not hesitate to call.

Respectfully submitted,

RUBICON ENGINEERING CORPORATION

Brad Rogers

Brad Rogers, P.E.
Senior Engineer

BWR:vt
Attachments

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- Table 2 - Groundwater Monitoring Well Completion Details
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cc: Ms. Stephanie Sibbett - Boeing Realty Corporation.

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TABLES

Tables

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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			
MWC021	C-Sand	x	x	x	x	x	x			
CMW026	C-Sand	x	x	x	x					

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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
Groundwater Monitoring Wells to be installed by September 2005[2]										
MWB006	B-Sand	NA	NA	NA				x	x	x
MWC004	B-Sand	NA	NA	NA	x	x	x	x	x	x
MWB007	B-Sand	NA	NA	NA	x	x	x	x	x	x
MWC009	C-Sand	NA	NA	NA	x	x	x	x	x	x
MWC011	C-Sand	NA	NA	NA				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
MWC023	C-Sand	NA	NA	NA	x	x	x	x	x	x
MWB027	B-Sand	NA	NA	NA				x	x	x
MWB028	B-Sand	NA	NA	NA				x	x	x
MWG001	Gage	NA	NA	NA	x	x	x	x	x	x
MWG002	Gage	NA	NA	NA	x	x	x	x	x	x
MWG003	Gage	NA	NA	NA	x	x	x	x	x	x
MWG004	Gage	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 installed in 2005 will be sampled quarterly for four quarters.

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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]	Reference 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	0.01	10/26/1987
WCC_4S	B-Sand	6,470,496	1,769,864	52.23	92	70.5-90.5	65	4	Sched 40 PVC	0.01	10/27/1987
WCC_5S	B-Sand	6,470,718	1,769,786	52.82	91	61-91	64	4	Sched 40 PVC	0.01	11/24/1987
WCC_6S	B-Sand	6,470,354	1,769,741	51.3	91	60-90	54	4	Sched 40 PVC	0.01	09/22/1989
WCC_7S	B-Sand	6,470,501	1,769,702	52.21	91	60-90	54	4	Sched 40 PVC	0.01	06/08/1989
WCC_9S	B-Sand	6,470,680	1,769,416	57.39	92	60-90	55	4	Sched 40 PVC	0.01	09/21/1989
WCC_12S	B-Sand	6,470,503	1,769,503	51.32	92	60-90	55	4	Sched 40 PVC	0.01	09/17/1990
DAC-P1	B-Sand	6,468,949	1,769,781	55.13	90	60-90	55	4	Sched 40 PVC	0.01	09/25/1989
TMW_4	B-Sand	6,470,250	1,769,123	51.39	84	58-78	56	2	Sched 40 PVC	0.01	06/30/1998
TMW_6	B-Sand	6,470,295	1,768,725	51.72	93	67-87	66	2	Sched 40 PVC	0.01	07/01/1998
TMW_7	B-Sand	6,470,334	1,769,489	52.52	91	65-85	63	2	Sched 40 PVC	0.01	06/29/1998
TMW_8	B-Sand	6,470,346	1,769,600	53.99	90	61-81	59	2	Sched 40 PVC	0.01	06/29/1998
TMW_10	B-Sand	6,470,720	1,768,958	49.92	85	60.5-80.5	58	2	Sched 40 PVC	0.01	01/28/1999
TMW_11	B-Sand	6,470,717	1,768,211	49.85	83	58-78	55	2	Sched 40 PVC	0.01	02/01/1999
TMW_14	B-Sand	6,469,546	1,768,206	58.91	90	65-85	63	2	Sched 40 PVC	0.01	02/03/1999
TMW_15	B-Sand	6,469,551	1,768,957	57.65	92	62-87	60	2	Sched 40 PVC	0.01	02/04/1999
BL-03	B-Sand	6,468,959	1,768,754	58.66	79	59-79	56	2	Sched 40 PVC	0.01	02/08/1999
MW0005	B-Sand	6,470,228	1,769,070	52.1	87	65-85	63	4	Sched 40 PVC	0.01	08/08/2003
MWB012	B-Sand	6,470,031	1,769,026	52.43	90.5	64.5-84.5	62	4	Sched 40 PVC	0.01	05/17/2004
MWB013	B-Sand	6,469,589	1,769,403	55.33	86.5	65-85	62	4	Sched 40 PVC	0.01	05/17/2004
MWB014	B-Sand	6,470,277	1,768,394	51.69	86.5	65-85	62	4	Sched 40 PVC	0.01	05/17/2004
MWB019	B-Sand	6,469,966	1,768,100	55.18	90.5	65-85	62	4	Sched 40 PVC	0.01	05/17/2004
XMW-09	B-Sand	6,470,403	1,767,937	53.16	-	66-81	-	4	-	-	05/09/1989
XMW-19	B-Sand	6,470,718	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	0.01	09/04/2003
IRZB0095	B-Sand	6,470,049	1,768,616	50.08	-	65-90	63.2	0.75	PVC	0.01	09/05/2003
IRZMW001A	B-Sand	6,469,840	1,768,995	56.77	-	65-75	63	1.5	PVC	0.01	06/26/2002
IRZMW001B	B-Sand	6,469,840	1,768,995	56.7	-	80-90	79	1.5	PVC	0.01	06/26/2002
IRZMW002A	B-Sand	6,469,836	1,768,996	56.66	-	68-78	66	1.5	PVC	0.01	06/03/2003

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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]	Reference 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
IRZMW002B	B-Sand	6,469,836	1,768,996	56.76	-	83-93	82	1.5	PVC	0.01	06/03/2003
IRZMW003A	B-Sand	6,469,864	1,768,992	56.73	-	61-71	60	1.5	PVC	0.01	06/02/2003
IRZMW003B	B-Sand	6,469,864	1,768,992	56.78	-	80-90	79	1.5	PVC	0.01	06/02/2003
IRZMW004	B-Sand	6,470,047	1,768,617	53.06	-	65-90	63	4	PVC	0.01	09/04/2003
IRZMW005	B-Sand	6,470,034	1,768,715	52.77	-	65-90	63	4	PVC	0.01	09/05/2003
CMW0001	C-Sand	6,470,696	1,768,190	54.37	124	99-124	97	4	Sched 40 PVC	0.01	08/15/2003
CMW0002	C-Sand	6,470,550	1,767,943	52.81	124	99-124	97	4	Sched 40 PVC	0.01	09/05/2003
CMW026	C-Sand	6,470,275	1,768,610	51.36	117	92-117	90	4	Sched 40 PVC	0.01	08/06/2003
MWC015	C-Sand	6,470,300	1,768,828	51.51	128	100-125	126.5	4	Sched 40 PVC	0.01	05/17/2004
MWC016	C-Sand	6,469,983	1,768,727	52.61	131	102.5-127.5	101	4	Sched 40 PVC	0.01	05/17/2004
MWC017	C-Sand	6,469,975	1,768,100	55.16	128	100-125	99	4	Sched 40 PVC	0.01	05/17/2004
MWC021	C-Sand	6,470,701	1,768,946	54.53	126	97-122	95	4	Sched 40 PVC	0.01	05/17/2004
IRZCMW001	C-Sand	6,470,214	1,768,667	51.74	-	92-117	90	4	PVC	0.01	08/06/2003
IRZCMW002	C-Sand	6,470,414	1,768,417	55.6	-	96-121	94	4	PVC	0.01	05/17/2004
IRZCMW003	C-Sand	6,470,294	1,768,600	51.69	-	92-117	90	4	PVC	0.01	05/17/2004
Wells Installed in 2005[3]											
MWB006	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.01	TBD
MWB007	B-Sand	6,470,207	1,770,220	51.39	92	60-90	57	4	Sched 40 PVC	0.02	06/06/2005
MWB009	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.01	TBD
MWB020	B-Sand	6,470,392	1,770,870	51.07	120.5	59.5-89.5	56	4	Sched 40 PVC	0.02	06/06/2005
MWB027	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.01	TBD
MWB029	B-Sand	TBD	TBD	TBD	~85	~65-85	~83	4	Sched 40 PVC	0.01	TBD
MWC004	C-Sand	6,470,483	1,769,498	51.86	118	96-116	93	4	Sched 40 PVC	0.02	06/07/2005
MWC007	C-Sand	6,470,168	1,770,179	51.57	119	97-117	93.5	4	Sched 40 PVC	0.02	06/03/2005
MWC009	C-Sand	6,470,654	1,769,372	53.99	125	101-121	97.5	4	Sched 40 PVC	0.02	04/28/2005
MWC011	C-Sand	TBD	TBD	TBD	~120	~100-120	~98	4	Sched 40 PVC	0.01	TBD
MWC022	C-Sand	6,470,450	1,769,993	51.6	120	97-117	93.5	4	Sched 40 PVC	0.02	06/07/2005
MWC023	C-Sand	6,470,424	1,769,809	51.43	120	97-117	94	4	Sched 40 PVC	0.02	06/07/2005
MWG001	Gage Aquifer	6,470,702	1,769,156	54.13	190	156-186	152	2	Sched 40 PVC	0.02	04/22/2005

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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]	Reference 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
MWG002	Gage Aquifer	6,470,701	1,768,459	54.78	195	162-192	158	2	Sched 40 PVC	0.02	04/28/2005
MWG003	Gage Aquifer	6,470,052	1,768,923	53.079	185	154.5-184.5	150	2	Sched 40 PVC	0.02	09/12/2005
MWG004	Gage Aquifer	6,470,227	1,768,396	52.049	186	155-185	150	2	Sched 40 PVC	0.02	09/12/2005

[1] California State Plane NAD 83, Zone 5, Feet
[2] AMSL = Above Mean Sea Level - All wells installed prior to 2005 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.
- = not available
TBD = to be decided

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Table 3

Groundwater Elevations - September 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	09/15/2005	58.66	69.13	-10.47
DAC-P1	09/15/2005	55.13	64.64	-9.51
MW0005	09/15/2005	52.10	62.10	-10.00
MWB007	09/15/2005	51.39	60.30	-8.91
MWB012	09/15/2005	52.43	62.55	-10.12
MWB013	09/15/2005	55.33	64.88	-9.55
MWB014	09/15/2005	51.69	62.15	-10.46
MWB019	09/15/2005	55.18	65.93	-10.75
MWB020	09/15/2005	51.07	59.27	-8.20
TMW_04	09/15/2005	51.39	61.37	-9.98
TMW_06	09/15/2005	51.72	61.98	-10.26
TMW_07	09/15/2005	52.52	65.98	-13.46
TMW_08	09/15/2005	53.99	63.45	-9.46
TMW_10	09/15/2005	49.92	59.80	-9.88
TMW_11	09/15/2005	49.85	60.11	-10.26
TMW_14	09/15/2005	58.91	68.76	-9.85
TMW_15	09/15/2005	57.65	67.55	-9.90
WCC_3S	09/15/2005	51.12	61.89	-10.77
WCC_4S	09/15/2005	52.23	61.50	-9.27
WCC_5S	09/15/2005	52.82	61.76	-8.94
WCC_6S	09/15/2005	51.30	62.06	-10.76
WCC_7S	09/15/2005	52.21	61.56	-9.35
WCC_9S	09/15/2005	57.39	66.82	-9.43
WCC_12S	09/15/2005	51.32	60.79	-9.47
XMW-09	09/15/2005	53.16	63.71	-10.55
XMW-19	09/15/2005	49.38	59.25	-9.87
IRZB0081	09/21/2005	50.28	63.19	-12.91
IRZB0095	09/21/2005	50.08	63.27	-13.19
IRZMW001A	09/21/2005	56.77	66.86	-10.09
IRZMW001B	09/21/2005	56.70	66.79	-10.09
IRZMW002A	09/21/2005	56.66	66.77	-10.11
IRZMW002B	09/21/2005	56.76	66.85	-10.09
IRZMW003A	09/21/2005	56.73	66.82	-10.09
IRZMW003B	09/21/2005	56.78	66.88	-10.10
IRZMW004	09/21/2005	53.06	63.45	-10.39
IRZMW005	09/21/2005	52.77	63.11	-10.34
C-Sand Wells				
CMW001	09/15/2005	54.37	65.16	-10.79
CMW002	09/15/2005	52.81	63.69	-10.88
CMW026	09/15/2005	51.36	62.00	-10.64
MWC004	09/15/2005	51.86	61.45	-9.59
MWC007	09/15/2005	51.57	60.55	-8.98
MWC009	09/15/2005	53.99	63.81	-9.82
MWC015	09/15/2005	51.51	61.78	-10.27

Table 3

Groundwater Elevations - September 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)
MWC016	09/15/2005	52.54	63.28	-10.74
MWC017	09/15/2005	55.16	66.04	-10.88
MWC021	09/15/2005	54.53	64.65	-10.12
MWC022	09/15/2005	51.60	60.71	-9.11
MWC023	09/15/2005	51.43	60.70	-9.27
IRZCMW001	09/21/2005	51.74	62.17	-10.43
IRZCMW002	09/21/2005	55.60	66.19	-10.59
IRZCMW003	09/21/2005	51.69	62.18	-10.49
Gage Wells				
MWG001	09/15/2005	54.13	65.20	-11.07
MWG002	09/15/2005	54.78	66.28	-11.50
MWG003	09/15/2005	53.08	64.08	-11.00
MWG004	09/15/2005	52.05	63.33	-11.28

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
	09/15/05	58.66	69.13	-10.47
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
	06/15/05	54.37	65.68	-11.31
	09/15/05	54.37	65.16	-10.79
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

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	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
	06/15/05	52.81	64.17	-11.36
	09/15/05	52.81	63.69	-10.88
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
	06/15/05	51.53	62.46	-10.93
	09/15/05	51.36	62.00	-10.64
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
	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

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	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
	09/15/05	55.13	64.64	-9.51
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
	09/21/05	50.28	63.19	-12.91
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
	09/21/05	50.08	63.27	-13.19
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
	06/15/05	51.74	62.66	-10.92

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	09/21/05	51.74	62.17	-10.43
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
	06/15/05	55.60	66.72	-11.12
	09/21/05	55.60	66.19	-10.59
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
	06/15/05	51.69	62.65	-10.96
	09/21/05	51.69	62.18	-10.49
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
	06/15/05	56.77	67.28	-10.51
	09/21/05	56.77	66.86	-10.09
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
	06/15/05	56.70	67.22	-10.52
	09/21/05	56.70	66.79	-10.09
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
	06/15/05	56.66	67.19	-10.53

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)
IRZMW002A	09/21/05	56.66	66.77	-10.11
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
	06/15/05	56.76	67.30	-10.54
	09/21/05	56.76	66.85	-10.09
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
	09/21/05	56.73	66.82	-10.09
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
	09/21/05	56.78	66.88	-10.10
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
	06/15/05	53.06	63.95	-10.89
	09/21/05	53.06	63.45	-10.39
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

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)
IRZMW005	03/20/05	52.77	64.12	-11.35
	06/15/05	52.77	63.60	-10.83
	09/21/05	52.77	63.11	-10.34
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
	09/15/05	52.10	62.10	-10.00
MWC009	05/20/05	53.99	64.34	-10.35
	07/06/05	53.99	64.10	-10.11
	09/15/05	53.99	63.81	-9.82
MWB007	09/15/05	51.39	60.30	-8.91
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
	09/15/05	52.43	62.55	-10.12
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
	09/15/05	55.33	64.88	-9.55
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
	09/15/05	51.69	62.15	-10.46
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

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)
MWB019	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
	09/15/05	55.18	65.93	-10.75
MWB020	09/15/05	51.07	59.27	-8.20
MWC004	09/15/05	51.86	61.45	-9.59
MWC007	09/15/05	51.57	60.55	-8.98
MWC009	09/15/05	53.99	63.81	-9.82
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
	09/15/05	51.51	61.78	-10.27
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
	09/15/05	52.54	63.28	-10.74
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
	09/15/05	55.16	66.04	-10.88
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

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)
MWC021	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
	09/15/05	54.53	64.65	-10.12
MWC022	09/15/05	51.60	60.71	-9.11
MWC023	09/15/05	51.43	60.70	-9.27
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
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

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_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
	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
	09/15/05	51.39	61.37	-9.98
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

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_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
	09/15/05	51.72	61.98	-10.26
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
	09/15/05	52.52	65.98	-13.46
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

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_08	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
	09/15/05	53.99	63.45	-9.46
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

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_10	09/15/05	49.92	59.80	-9.88
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
	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
	09/15/05	49.85	60.11	-10.26
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

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_14	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
	09/15/05	58.91	68.76	-9.85
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
	09/15/05	57.65	67.55	-9.90
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

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	09/08/94	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
	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
	07/22/97	51.42	66.15	-14.73

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_03D	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
	03/06/99	51.37	64.82	-13.45
	07/12/99	51.37	64.70	-13.33

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	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
	09/15/05	51.12	61.89	-10.77
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
	10/16/98	50.07	63.56	-13.49
	03/06/99	50.07	63.50	-13.43

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	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
	09/15/05	52.23	61.50	-9.27
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
	07/12/99	48.74	61.99	-13.25
	06/20/00	48.74	62.20	-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_05S	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
	09/15/05	52.82	61.76	-8.94
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
	07/12/99	51.30	64.85	-13.55
	06/20/00	51.30	64.96	-13.66

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	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
	09/15/05	51.30	62.06	-10.76
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
	01/15/01	50.23	64.12	-13.89
	07/16/01	50.23	63.70	-13.47

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	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
	09/15/05	52.21	61.56	-9.35
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
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

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	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
	09/15/05	57.39	66.82	-9.43
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

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	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
	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

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	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
	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

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	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
	09/15/05	51.32	60.79	-9.47
MWG001	05/20/05	54.13	66.05	-11.92
	07/07/05	54.13	65.60	-11.47
	09/15/05	54.13	65.20	-11.07
MWG002	05/20/05	54.78	67.06	-12.28
	07/07/05	54.78	66.67	-11.89
	09/15/05	54.78	66.28	-11.50
MWG003	09/15/05	53.08	64.08	-11.00
MWG004	09/15/05	52.05	63.33	-11.28

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

Object Name	Sample Type	Date Collected	1,1,1-Trichloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trimethylbenzene	1,2-Dichloroethane	4-Methyl-2-pentanone	Benzene	Carbon disulfide	Carbon tetrachloride	Chlorobenzene	Chloroform	cis-1,2-Dichloroethene	Dichlorodifluoromethane	Methyl ethyl ketone	Methylene chloride	Tetrachloroethene	Tetrahydrofuran	Toluene	trans-1,2-Dichloroethene	Trichloroethene	Trichlorofluoromethane	Vinyl chloride
B-Sand Wells																									
MWB007	Primary Sample	09/22/2005	50 U	50 U	**37 J**	**2600**	50 U	25 U	250 U	50 U	50 U	25 U	50 U	50 U	**23 J**	50 U	250 U	50 U	50 U	500 U	50 U	**24 J**	**2800**	100 U	25 U
MWB013	Primary Sample	09/19/2005	1 U	1 U	1 U	**0.63 J**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**0.48 J**	1 U	1 U	5 U	1 U	1 U	10 U	**0.48 J**	1 U	**5.7**	2 U	0.5 U
MWB019	Primary Sample	09/22/2005	50 U	50 U	50 U	50 U	50 U	25 U	250 U	50 U	50 U	25 U	50 U	**3000**	50 U	50 U	250 U	50 U	**150**	**160 J**	50 U	50 U	**140**	100 U	25 U
MWB020	Primary Sample	09/21/2005	1.6 U	1.6 U	**3.6**	1.6 U	1.6 U	0.78 U	7.8 U	1.6 U	1.6 U	0.78 U	1.6 U	**0.85 J**	**110**	1.6 U	7.8 U	**0.7 J**	1.6 U	16 UJ	1.6 U	**3.7**	**26**	3.1 U	0.78 U
	Field Duplicate	09/21/2005	1.6 U	1.6 U	**3.6**	**0.56 J**	1.6 U	0.78 U	7.8 U	1.6 U	1.6 U	0.78 U	1.6 U	**0.82 J**	**110**	1.6 U	7.8 U	1.6 U	1.6 U	16 U	1.6 U	**1.1 J**	**25**	3.1 U	0.78 U
TMW_07	Primary Sample	09/22/2005	20 U	**7.2 J**	20 U	**35**	20 U	10 U	100 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U	100 U	20 U	20 U	**840 UJ**	20 U	20 U	**2000**	40 U	10 U
TMW_10	Primary Sample	09/21/2005	1 U	1 U	1 U	**0.33 J**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**3.7**	1 U	**2.8**	5 U	1 U	**1.4**	10 U	1 U	1 U	**8.2**	**2.2**	0.5 U
TMW_11	Primary Sample	09/21/2005	4 U	4 U	4 U	4 U	4 U	2 U	20 U	4 U	4 U	**2**	4 U	**220**	4 U	4 U	20 U	4 U	**3.6 J**	40 U	4 U	4 U	**4.8**	8 U	2 U
TMW_14	Primary Sample	09/19/2005	1 U	1 U	1 U	1 U	1 U	0.5 U	5 U	1 U	1 U	**1.5**	1 U	**1.6**	**0.39 J**	1 U	5 U	1 U	**1.7**	10 U	**0.49 J**	1 U	**7.3**	2 U	0.5 U
TMW_15	Primary Sample	09/21/2005	1 U	1 U	1 U	**1.1**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**3.2**	**2.2**	1 U	5 U	1 U	1 U	10 U	1 U	1 U	**12**	2 U	0.5 U
WCC_03S	Primary Sample	09/19/2005	**110 J**	330 U	**190 J**	**8600**	330 U	170 U	1700 U	**110 J**	330 U	170 U	330 U	330 U	**2300**	330 U	1700 U	330 U	330 U	3300 U	**22000**	**230 J**	**820**	670 U	**810**
WCC_05S	Primary Sample	09/20/2005	1 U	1 U	1 U	**5.7**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	**29**	1 U	1 U	**2.2**	**0.54 J**	0.5 U
WCC_06S	Primary Sample	09/19/2005	250 U	250 U	**250**	**11000**	250 U	120 U	1200 U	250 U	250 U	120 U	250 U	250 U	**4200**	250 U	1200 U	250 U	250 U	2500 U	**2800**	**230 J**	**1300**	500 U	120 U
WCC_09S	Primary Sample	09/21/2005	1 U	1 U	**1.4**	**3.4**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**10**	**2.2**	**0.74 J**	5 U	1 U	1 U	10 U	1 U	1 U	**37**	**0.71 J**	0.5 U
WCC_12S	Primary Sample	09/21/2005	2.5 U	2.5 U	**17**	**25**	2.5 U	1.2 U	12 U	2.5 U	2.5 U	1.2 U	2.5 U	**1.8 J**	**3.8**	2.5 U	**12**	2.5 U	**1.1 J**	**80**	2.5 U	2.5 U	**120**	5 U	1.2 U
IRZB0081	Primary Sample	09/22/2005	100 U	100 U	100 U	**33 J**	100 U	100 U	500 U	100 U	100 U	100 U	100 U	100 U	**7600**	200 U	500 U	100 U	100 U		100 U	100 U	**36 J**	200 U	100 U
IRZB0095	Primary Sample	09/22/2005	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	**89**	**4.2 J**	**30**	10 U	**90**	5 U	5 U		5 U	**2.5 J**	**23**	10 U	**120**
IRZMW001A	Primary Sample	09/21/2005	310 U	310 U	310 U	**100 J**	310 U	310 U	1600 U	310 U	310 U	310 U	310 U	310 U	**100 J**	620 U	1600 U	310 U	310 U		310 U	310 U	**16000**	620 U	310 U
IRZMW001B	Primary Sample	09/21/2005	17 U	17 U	17 U	**16 J**	17 U	17 U	83 U	17 U	17 U	17 U	17 U	17 U	**13 J**	33 U	83 U	17 U	17 U		17 U	17 U	**1100**	33 U	17 U
IRZMW002A	Primary Sample	09/21/2005	100 U	100 U	100 U	**95 J**	100 U	100 U	500 U	100 U	100 U	100 U	100 U	100 U	**5000**	200 U	500 U	100 U	100 U		100 U	100 U	**7300**	200 U	100 U
IRZMW002B	Primary Sample	09/21/2005	10 U	10 U	10 U	**5.1 J**	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U	**38**	20 U	50 U	10 U	10 U		10 U	10 U	**410**	20 U	10 U
IRZMW003A	Primary Sample	09/21/2005	420 U	420 U	420 U	420 U	420 U	420 U	2100 U	420 U	420 U	420 U	420 U	420 U	420 U	830 U	2100 U	420 U	420 U		420 U	420 U	**24000**	830 U	420 U
IRZMW003B	Primary Sample	09/21/2005	17 U	17 U	17 U	**51**	17 U	17 U	83 U	17 U	17 U	17 U	17 U	17 U	**1000**	33 U	83 U	17 U	17 U		17 U	17 U	**1400**	33 U	17 U
IRZMW004	Primary Sample	09/21/2005	50 U	50 U	50 U	**50**	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	**3500**	100 U	250 U	50 U	50 U		50 U	50 U	**470**	100 U	**240**
IRZMW005	Primary Sample	09/22/2005	50 U	50 U	50 U	**28 J**	50 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	**3400**	100 U	250 U	50 U	50 U		50 U	50 U	**340**	100 U	50 U
C-Sand Wells																									
MWC004	Primary Sample	09/21/2005	10 U	**4.6 J**	**6.4 J**	**630**	10 U	**5.5**	50 U	10 U	10 U	5 U	10 U	10 U	**16**	10 U	50 U	10 U	10 U	100 U	10 U	**10**	**180**	20 U	5 U
MWC007	Primary Sample	09/19/2005	1 U	1 U	1 U	**2.1**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	**0.88 J**	1 U	5 U	1 U	1 U	10 U	1 U	1 U	**3.2**	2 U	0.5 U
	Field Duplicate	09/19/2005	1 U	1 U	1 U	**2.1**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	**0.85 J**	1 U	5 U	1 U	1 U	10 U	1 U	1 U	**3.2**	2 U	0.5 U
MWC009	Primary Sample	09/21/2005	10 U	**6 J**	**6.1 J**	**830**	10 U	**6.9**	50 U	10 U	10 U	5 U	10 U	10 U	**23**	10 U	50 U	10 U	10 U	100 U	10 U	**14**	**210**	20 U	5 U
MWC017	Primary Sample	09/22/2005	20 U	20 U	20 U	**120**	20 U	10 U	100 U	20 U	20 U	10 U	20 U	**110**	**46**	20 U	100 U	20 U	20 U	200 U	20 U	20 U	**1300**	40 U	10 U
MWC021	Primary Sample	09/20/2005	1 U	1 U	**0.51 J**	**0.73 J**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**0.36 J**	**4**	1 U	5 U	1 U	1 U	10 U	1 U	1 U	**10**	2 U	0.5 U
MWC022	Primary Sample	09/22/2005	**20**	2.5 U	**1 J**	**130**	2.5 U	1.2 U	12 U	2.5 U	2.5 U	1.2 U	2.5 U	2.5 U	**2.3 J**	2.5 U	12 U	2.5 U	2.5 U	25 U	**0.83 J**	**1.2 J**	**70**	5 U	1.2 U
MWC023	Primary Sample	09/22/2005	**140**	50 U	**39 J**	**4000**	50 U	25 U	**4300**	50 U	50 U	**24 J**	**46 J**	50 U	**220**	50 U	**5600**	50 U	50 U	500 U	**38 J**	**41 J**	**610**	100 U	25 U
CMW001	Primary Sample	09/22/2005	120 U	120 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	**11000**	120 U	120 U	250 U	620 U	120 U	120 U		120 U	120 U	120 U	250 U	120 U
	Primary Sample	09/22/2005	120 U	120 U	120 U	120 U	120 U	62 U	620 U	120 U	120 U	62 U	**10000**	120 U	120 U	120 U	620 U	120 U	120 U	1200 U	120 U	120 U	120 U	250 U	62 U
CMW002	Primary Sample	09/22/2005	100 U	100 U	100 U	32 J	100 U	100 U	500 U	100 U	100 U	100 U	100 U	100 U	**5800**	200 U	500 U	100 U	100 U		100 U	100 U	**100**	200 U	100 U
	Primary Sample	09/22/2005	100 U	100 U	100 U	100 U	100 U	50 U	500 U	**43 J**	100 U	50 U	**7900**	100 U	100 U	100 U	500 U	100 U	100 U	1000 U	100 U	100 U	**410**	200 U	50 U
CMW026	Primary Sample	09/22/2005	1 U	1 U	**0.44 J**	**18**	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	**91**	2 U	5 U	1 U	1 U		1 U	**1.1**	**24**	2 U	1 U
IRZCMW001	Primary Sample	09/22/2005	20 U	20 U	**16 J**	**510**	20 U	**10 J**	100 U	20 U	20 U	20 U	20 U	**9.5 J**	**39**	40 U	100 U	20 U	20 U		20 U	**8.3 J**	**1500**	40 U	20 U
IRZCMW002	Primary Sample	09/22/2005	100 U	100 U	100 U	100 U	100 U	100 U	500 U	**42 J**	100 U	100 U	**7900**	100 U	100 U	200 U	500 U	100 U	100 U		100 U	100 U	**360**	200 U	100 U
IRZCMW003	Primary Sample	09/22/2005	50 U	50 U	50 U	**59**	50 U	50 U	250 U	50 U	50 U	50 U	50 U	**16 J**	**1700**	100 U	250 U	50 U	50 U		50 U	50 U	**3900**	100 U	50 U
Gage Aquifer Wells																									
MWG001	Primary Sample	09/19/2005	1 U	1 U	1 U	**2.3**	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	**2**	1 U	5 U	1 U	1 U	10 U	1 U	1 U	**5.5**	2 U	0.5 U
MWG002	Primary Sample	09/19/2005	2 U	2 U	2 U	2 U	2 U	1 U	10 U	2 U	2 U	1 U	2 U	2 U	**1.2 J**	2 U	10 U	2 U	2 U	20 U	2 U	2 U	**120**	4 U	1 U
MWG003	Primary Sample	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**0.59 J**	**15**	1 U	5 U	1 U	1 U	10 U	1 U	**0.45 J**	**74**	2 U	0.5 U
	Field Duplicate	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	**0.6 J**	**14**	1 U	5 U	1 U	1 U	10 U	1 U	**0.42 J**	**72**	2 U	0.5 U
MWG004	Primary Sample	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	**13**	2 U	0.5 U
QA/QC Data																									
TripBlank	Field Trip/Travel Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.54 J	5 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	2 U	1 U
	Field Trip/Travel Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Trip/Travel Blank	09/19/2005	1 U	1 U	1 U	1 U	1 U	0.5 U	5 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Trip/Travel Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Trip/Travel Blank	09/22/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
Decon Water	Decon Water	09/19/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	0.31 J	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Decon Water	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Decon Water	09/22/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
EquipmentBlank	Field Equipment Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Equipment Blank	09/19/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Equipment Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Equipment Blank	09/22/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
FieldBlank	Field Trip/Travel Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Trip/Travel Blank	09/19/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	0.31 J	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Trip/Travel Blank	09/21/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U
	Field Trip/Travel Blank	09/22/2005	1 U	1 U	1 U	1 U	1 U	0.5 U		1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	10 U	1 U	1 U	1 U	2 U	0.5 U

Notes:
J denotes estimated value
U denotes not dected above listed detection limit

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	0.25 J	9.1	1 U	1 U	5 U	0.57 J	1 U	7.3	1 U	2.3	2 U	1 U
	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	25 U	12 U
BL_03	Primary Sample	01/18/2001	25 U	25 U	25 U		250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25	25 U	25 U	810	50 U	25 U
	Primary Sample	03/26/2002	12 U	12 U	12 U	12 U	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	22	12 U	12 U	840	25 U	12 U
	Primary Sample	03/27/2003	12 U	12 U	12 U	16	120 U	12 U	12 U	6.2 U	12 U	29	12 U	12 U	62 U	12 U	21	12 U	12 U	890	25 U	12 U
	Field Duplicate	03/27/2003	12 U	12 U	12 U	16	120 U	12 U	12 U	6.2 U	12 U	41	12 U	12 U	62 U	12 U	24	12 U	12 U	920	25 U	12 U
	Primary Sample	03/23/2004	12 U	12 U	12 U	8.5 J	120 U	12 U	12 U	6.2 U	12 U	12 U	12 U	12 U	62 U	12 U	12	12 U	12 U	660	25 U	12 U
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	2500 U	250 U	250 U	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	500 U	250 U
	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	2500 U	250 U	250 U	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	130 J	500 U	250 U
	Primary Sample	09/22/2005	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	120 U	250 U	120 U
	Primary Sample	06/15/2005	120 U	120 U	120 U	120 U	1200 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	620 U	120 U	120 U	120 U	120 U	120 U	250 U	120 U
	Primary Sample	09/22/2005	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	120 U	250 U	120 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
	Primary Sample	09/22/2005	100 U	100 U	100 U	32 J	1000 U	100 U	100 U	100 U	100 U	5800	100 U	100 U	500 U	100 U	100 U	100 U	100 U	100	200 U	100 U
	Primary Sample	06/15/2005	100 U	100 U	100 U	100 U	1000 U	50 J	100 U	100 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	430	200 U	100 U
	Primary Sample	09/22/2005	100 U	100 U	100 U	100 U	1000 U	43 J	100 U	50 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	410	200 U	100 U
CMW026	Primary Sample	10/07/2003	25 U	25 U	25 U	65	250 U	25 U	25 U	25 U	21 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1200	50 U	25 U
	Primary Sample	03/24/2004	25 U	25 U	6.8 J	130	250 U	25 U	25 U	12 U	21 J	10 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1300	50 U	25 U
	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	25 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	25 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
	Primary Sample	09/22/2005	1 U	1 U	0.44 J	18	10 U	1 U	1 U	1 U	1 U	91	1 U	1 U	5 U	1 U	1 U	1 U	1.1	24	2 U	1 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	02/24/1994	20 U	40 U	20 U	40 U	400 U	20 U	20 U	20 U	47	89		20 U	400 U	20 U	20 U	20 U	20 U	20000	20 U	20 U
	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	12/16/1995	38	4	2	120	2 U	5	2 U	2 U	45	130	2 U	2 U		2 U	11	680	5	20000	2 U	4 U
	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	25 U	25 U	180	50 U	25 U	25 U	25 U	29	95	25 U	25 U	50 U	25 U	25 U	490	25 U	12000	25 U	25 U
	Primary Sample	09/19/1996	250 U	250 U	250 U	350	2500 U	250 U	1200 U	250 U	250 U	250 U		250 U	2500 U	250 U	250 U	740	250 U	15000	250 U	250 U
	Primary Sample	12/19/1996	500 U	500 U	500 U	500 U	5000 U	500 U	2500 U	500 U	500 U	500 U		500 U	5000 U	500 U	500 U	610	500 U	15000	500 U	500 U
	Primary Sample	05/09/1997	250 U	250 U	250 U	250 U	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	250 U	250 U	15000	250 U	250 U
	Primary Sample	07/08/1997	250 U	250 U	250 U	250 U	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	450	250 U	13000	250 U	250 U
	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	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	460	250 U	15000	250 U	250 U
	Primary Sample	08/22/1997	250 U	250 U	250 U	470	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	1300	250 U	17000	250 U	250 U
	Primary Sample	09/05/1997	250 U	250 U	250 U	270	2500 U	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	810	250 U	15000	250 U	250 U
	Primary Sample	09/18/1997	250 U	250 U	250 U	250 U	2900	250 U	1200 U	250 U	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	540	250 U	14000	250 U	250 U
	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	125 U	125 U	125 U	125 U		125 U	125 U	125 U	125 U	125 U	125 U	125 U		670	125 U	125 U	125 U	18000	125 U	250 U

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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
DAC-P1	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		2500 U	250 U	370	120 U	250 U	250 U	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	10000	500 U	250 U
	Primary Sample	03/27/2002	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	170 J	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	17000	500 U	250 U
	Primary Sample	09/19/2002	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	37 J	80	50 U	50 U	250 U	50 U	50 U	50 U	50 U	18000	100 U	50 U
	Primary Sample	03/28/2003	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	89 J	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	13000	500 U	250 U
	Primary Sample	09/24/2003	250 U	250 U	250 U	250 U	2500 U	250 U	250 U	120 U	250 U	120 J	250 U	250 U	1200 U	250 U	250 U	250 U	250 U	12000	500 U	250 U
	Primary Sample	03/25/2004	12 U	12 U	12 U	12 U	120 U	12 U	12 U	6.2 U	12 U	110	12 U	12 U	62 U	12 U	12 U	12 U	12 U	690	25 U	12 U
	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
MWG001	Primary Sample	05/20/2005	1 U	1 U	1 U	3.7	10 U	1 U	1 U	0.5 U	1 U	2.5	1 U	1 U	5 U	1 U	1 U	1 U	1 U	9.3	2 U	1 U
	Primary Sample	07/07/2005	1 U	1 U	1 U	2.9	10 U	1 U	1 U	0.5 U	1 U	2.9	1 U	1 U	5 U	1 U	1 U	1 U	1 U	7.4	2 U	1 U
	Primary Sample	09/19/2005	1 U	1 U	1 U	2.3	10 U	1 U	1 U	0.5 U	1 U	2	1 U	1 U	5 U	1 U	1 U	1 U	1 U	5.5	2 U	1 U
MWG002	Primary Sample	05/20/2005	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.54 J	1 U	1 U	1 U	5 U	0.64 J	1 U	1 U	1 U	56	2 U	1 U
	Field Duplicate	05/20/2005	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.64 J	1 U	1 U	1 U	5 U	0.83 J	1 U	1 U	1 U	68	2 U	1 U
	Primary Sample	07/07/2005	2 U	2 U	2 U	1.3 J	20 U	2 U	2 U	1 U	2 U	1.1 J	2 U	2 U	10 U	2 U	2 U	2 U	2 U	160	4 U	2 U
	Primary Sample	09/19/2005	2 U	2 U	2 U	2 U	20 U	2 U	2 U	1 U	2 U	1.2 J	2 U	2 U	10 U	2 U	2 U	2 U	2 U	120	4 U	2 U
MWG003	Primary Sample	08/23/2005																				
	Primary Sample	08/23/2005																				
	Primary Sample	08/23/2005																				
	Primary Sample	08/23/2005																				
	Primary Sample	08/23/2005																				
	Primary Sample	09/21/2005	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.59 J	15	1 U	1 U	5 U	1 U	1 U	1 U	0.45 J	74	2 U	1 U
	Field Duplicate	09/21/2005	1 U	1 U	1 U	1 U	10 U	1 U	1 U	0.5 U	0.6 J	14	1 U	1 U	5 U	1 U	1 U	1 U	0.42 J	72	2 U	1 U
MWG004	Primary Sample	08/16/2005																				
	Primary Sample	08/17/2005																				
	Primary Sample	08/17/2005																				
	Primary Sample	08/17/2005																				
	Primary Sample	08/18/2005																				
	Primary Sample	09/21/2005	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	13	2 U	1 U
MW0005	Primary Sample	03/25/2004	50 U	29 J	52	2300	500 U	50 U	50 U	25 U	50 U	150	50 U	50 U	250 U	50 U	50 U	50 U	68	2500	100 U	50 U
	Primary Sample	09/24/2004	50 U	43 J	68	4500	500 U	50 U	50 U	25 U	18 J	240	50 U	50 U	250 U	50 U	50 U	50 U	98	3100	100 U	50 U
	Field Duplicate	09/24/2004	50 U	43 J	58	3800	500 U	50 U	50 U	25 U	16 J	200	50 U	50 U	250 U	50 U	50 U	50 U	84	2600	100 U	50 U
MWB007	Primary Sample	07/07/2005	5.3 J	25 U	24 J	1300	250 U	25 U	25 U	12 U	25 U	13 J	25 U	25 U	120 U	25 U	25 U	25 U	14 J	1500	50 U	25 U
	Primary Sample	09/22/2005	50 U	50 U	37 J	2600	500 U	50 U	50 U	25 U	50 U	23 J	50 U	50 U	250 U	50 U	50 U	50 U	24 J	2800	100 U	50 U
MWB012	Primary Sample	05/06/2004	25 U	25 U	25 U	7.6 J	250 U	25 U	25 U	12 U	9.5 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1000	50 U	25 U
	Field Duplicate	05/06/2004	25 U	25 U	25 U	7.6 J	250 U	25 U	25 U	12 U	7.6 J	25 U	25 U	25 U	120 U	25 U	7.6 J	25 U	25 U	1100	50 U	25 U
	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
	Primary Sample	09/19/2005	1 U	1 U	1 U	0.63 J	10 U	1 U	1 U	0.5 U	0.48 J	1 U	1 U	1 U	5 U	1 U	1 U	0.48 J	1 U	5.7	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
	Primary Sample	09/22/2005	50 U	50 U	50 U	50 U	500 U	50 U	50 U	25 U	3000	50 U	50 U	50 U	250 U	50 U	150	50 U	50 U	140	100 U	50 U
MWB020	Primary Sample	07/07/2005	1 U	1 U	3.2	0.49 J	10 U	1 U	1 U	0.5 U	1.1	96	1 U	1 U	5 U	1 U	1 U	1 U	0.37 J	22	2 U	1 U
	Primary Sample	09/21/2005	1.6 U	1.6 U	3.6	1.6 U	16 U	1.6 U	1.6 U	0.78 U	0.85 J	110	1.6 U	1.6 U	7.8 U	0.7 J	1.6 U	1.6 U	3.7	26	3.1 U	1.6 U
	Field Duplicate	09/21/2005	1.6 U	1.6 U	3.6	0.56 J	16 U	1.6 U	1.6 U	0.78 U	0.82 J	110	1.6 U	1.6 U	7.8 U	1.6 U	1.6 U	1.6 U	1.1 J	25	3.1 U	1.6 U
MWC004	Primary Sample	07/07/2005	10 U	5.6 J	6.9 J	590	100 U	10 U	10 U	5 U	10 U	16	10 U	10 U	50 U	10 U	10 U	10 U	10	200	20 U	10 U
	Primary Sample	09/21/2005	10 U	4.6 J	6.4 J	630	100 U	10 U	10 U	5 U	10 U	16	10 U	10 U	50 U	10 U	10 U	10 U	10	180	20 U	10 U
MWC007	Primary Sample	07/07/2005	1 U	1 U	1 U	4.4	10 U	1 U	1 U	0.5 U	1 U	0.73 J	1 U	1 U	5 U	1 U	1 U	0.3 J	1 U	6	2 U	1 U
	Primary Sample	09/19/2005	1 U	1 U	1 U	2.1	10 U	1 U	1 U	0.5 U	1 U	0.88 J	1 U	1 U	5 U	1 U	1 U	1 U	1 U	3.2	2 U	1 U
	Field Duplicate	09/19/2005	1 U	1 U	1 U	2.1	10 U	1 U	1 U	0.5 U	1 U	0.85 J	1 U	1 U	5 U	1 U	1 U	1 U	1 U	3.2	2 U	1 U
MWC009	Primary Sample	05/20/2005	25 U	8.8 J	8.9 J	1200	250 U	25 U	25 U	12 U	25 U	28	25 U	25 U	120 U	25 U	25 U	25 U	22 J	300	50 U	25 U
	Primary Sample	07/06/2005	6.2 U	7.2	4.6 J	440	62 U	6.2 U	6.2 U	3.1 U	6.2 U	18	6.2 U	6.2 U	31 U	6.2 U	6.2 U	6.2 U	9.8	160	12 U	6.2 U

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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
MWC009	Primary Sample	09/21/2005	10 U	6 J	6.1 J	830	100 U	10 U	10 U	5 U	10 U	23	10 U	10 U	50 U	10 U	10 U	10 U	14	210	20 U	10 U
MWC015	Primary Sample	05/06/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	25 U	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1600	50 U	25 U
	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	05/06/2004	10 U	10 U	10 U	3.3 J	100 U	10 U	10 U	5 U	6 J	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	660	20 U	10 U
	Field Duplicate	05/06/2004	25 U	25 U	25 U	25 U	250 U	25 U	25 U	12 U	7.6 J	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	760	50 U	25 U
	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
	Primary Sample	09/22/2005	20 U	20 U	20 U	120	200 U	20 U	20 U	10 U	110	46	20 U	20 U	100 U	20 U	20 U	20 U	20 U	1300	40 U	20 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
	Primary Sample	09/20/2005	1 U	1 U	0.51 J	0.73 J	10 U	1 U	1 U	0.5 U	0.36 J	4	1 U	1 U	5 U	1 U	1 U	1 U	1 U	10	2 U	1 U
MWC022	Primary Sample	07/06/2005	350	10 U	4.8 J	600	100 U	10 U	10 U	5 U	10 U	3.2 J	10 U	10 U	50 U	10 U	10 U	190	10 U	120	20 U	10 U
	Field Duplicate	07/06/2005	390	10 U	5 J	710	100 U	10 U	10 U	5 U	10 U	3.3 J	10 U	10 U	50 U	10 U	10 U	210	10 U	130	20 U	10 U
	Primary Sample	09/22/2005	20	2.5 U	1 J	130	25 U	2.5 U	2.5 U	1.2 U	2.5 U	2.3 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	0.83 J	1.2 J	70	5 U	2.5 U
MWC023	Primary Sample	07/06/2005	120	17 J	36 J	2700	400 U	12 J	40 U	20 U	40 U	130	40 U	40 U	7700	40 U	40 U	150	35 J	520	80 U	40 U
	Primary Sample	09/22/2005	140	50 U	39 J	4000	500 U	50 U	50 U	24 J	50 U	220	50 U	50 U	5600	50 U	50 U	38 J	41 J	610	100 U	50 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	25 U	5 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	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	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	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	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	2.5 U	350	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	5 U	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	5.3	5 U	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	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	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	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	350	710	250 U	250 U	1250 U	250 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	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	125 U	700	32000	125 U	250 U
	Primary Sample	03/06/1999	4300	125 U	1600	39000		125 U	125 U	125 U	250	660	125 U	125 U	625 U	125 U	125 U	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	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	03/28/2003	1300	250 U	1500	23000	2500 U	250 U	250 U	120 U	110 J	4700	250 U	250 U	1200 U	250 U	250 U	710	380	14000	500 U	250 U
	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
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		250 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		250 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		250 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		250 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	25 U	50 U	50 U		50 U		50 U	50 U	20 J	50 U	2200	100 U	50 U

RUBICON

BOE-C6-0105253

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	01/29/2001	50 U	50 U	50 U	76	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	20 J	50 U	2200	100 U	50 U
	Primary Sample	07/19/2001	50 U	24 J	22 J	350	500 U	50 U	50 U	25 U	50 U	42 J	50 U	50 U	250 U	50 U	50 U	20 J	50 U	8800	100 U	50 U
	Primary Sample	03/26/2002	50 U	50 U	15 J	140	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	4000	100 U	50 U
	Primary Sample	09/19/2002	8.5 J	10	19	160	100 U	10 U	10 U	5 U	9.9 J	30	10	10 U	50 U	10 U	10 U	10 U	10 U	4500	20 U	10 U
TMW_04	Primary Sample	07/14/1998	25 U	43	55	1500		25 U	25 U	25 U	25 U	110	25 U	25 U		125 U	25 U	25 U	66	2300	25 U	50 U
	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
TMW_04	Primary Sample	03/04/1999	50 U	50 U	50 U	2000		50 U	50 U	50 U	50 U	64	50 U	50 U		250 U	50 U	50 U	54	2900	50 U	100 U
	Primary Sample	07/15/1999	10	10	42	2500		10 U	10 U	10 U	30	77	10 U	10 U		75	10 U	10 U	64	2500	10 U	20 U
	Primary Sample	06/22/2000	5 U	5 U	22	890		5 U	5 U	5 U	17	39		5 U		25 U	5 U	5 U	27	1700	5 U	10
	Primary Sample	01/29/2001	50 U	50 U	19 J	1100	500 U	50 U	50 U	25 U	14	29 J		50 U		50 U	50 U	50 U	21 J	2000	100 U	50 U
	Primary Sample	01/29/2001	50 U	50 U	20 J	1200	500 U	50 U	50 U	25 U	15 J	31 J	50 U	50 U	250 U	50 U	50 U	15 J	23 J	2000	100 U	50 U
	Primary Sample	01/29/2001	50 U	50 U	19 J	1100	500 U	50 U	50 U	25 U	14 J	29 J	50 U	50 U	250 U	50 U	50 U	50 U	21 J	2000	100 U	50 U
	Primary Sample	07/17/2001	5 U	6.1	12	850	50 U	5 U	5 U	2.5 U	12	22	5 U	5 U	25 U	1.6 J	5 U	4.9 J	15	1800	10 U	5 U
	Primary Sample	03/26/2002	25 U	25 U	18 J	720	250 U	25 U	25 U	12 U	11 J	36	25 U	25 U	120 U	25 U	25 U	25 U	21 J	1900	50 U	25 U
	Field Duplicate	03/26/2002	25 U	25 U	16 J	760	250 U	25 U	25 U	12 U	11 J	32	25 U	25 U	120 U	25 U	25 U	25 U	21 J	1900	50 U	25 U
	Primary Sample	09/18/2002	5 U	4.4 J	12	660	50 U	5 U	5 U	2.5 U	11	18	5 U	5 U	25 U	5 U	5 U	5 U	13	1700	10 U	5 U
	Primary Sample	03/27/2003	25 U	9.8 J	25	1200	250 U	25 U	25 U	12 U	10 J	44	25 U	25 U	120 U	25 U	25 U	25 U	31	2000	50 U	25 U
	Primary Sample	09/24/2003	50 U	50 U	23 J	1400	500 U	50 U	50 U	25 U	50 U	48 J	50 U	50 U	250 U	50 U	50 U	50 U	32 J	2200	100 U	50 U
	Primary Sample	03/25/2004	25 U	25 U	15 J	530	250 U	25 U	25 U	12 U	11 J	33	25 U	25 U	120 U	25 U	25 U	25 U	17 J	1500	50 U	25 U
	Primary Sample	09/23/2004	50 U	50 U	21 J	1200	500 U	50 U	50 U	25 U	50 U	48 J	50 U	50 U	250 U	50 U	50 U	50 U	26 J	1700	100 U	50 U
TMW_05	Primary Sample	07/14/1998	25 U	25 U	25 U	460		25 U	0.25	25 U	25 U	25 U	25 U	25 U		125 U	25 U	25 U	25 U	3700	25 U	50 U
	Primary Sample	09/22/1998	12.5 U	12.5 U	12.5 U	470		12.5 U	12.5 U	12.5 U	24	12.5 U	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	12.5 U	3500	12.5 U	25 U
	Primary Sample	10/19/1998	25 U	25 U	25 U	530		25 U	25 U	25 U	28	25 U	25 U	25 U		125 U	25 U	25 U	25 U	5000	25 U	50 U
	Primary Sample	03/04/1999	50 U	50 U	50 U	500		50 U	50 U	50 U	4500	50 U	50 U	50 U		250 U	50 U	50 U	50 U	50 U	50 U	100 U
	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	25 U
	Primary Sample	01/23/2001	50 U	50 U	50 U	460	500 U	50 U	50 U	25 U	15	50 U		50 U		50 U	50 U	50 U	50 U	2900	100 U	50 U
	Primary Sample	01/23/2001	50 U	50 U	50 U	460	500 U	50 U	50 U	25 U	15 J	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	2900	100 U	50 U
	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	250	500 U	50 U	50 U	25 U	20 J	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	3900	100 U	50 U
	Primary Sample	09/18/2002	25 U	25	9.5 J	640	250 U	25 U	25 U	12 U	25	32	25 U	25 U	120 U	25 U	25 U	25 U	25 U	8800	50 U	25 U
	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	25 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	250	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	25 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	25 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	25 U	2.5 U	2.5 U	1.2 U	130	1.5 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	160	5 U	2.5 U
	Primary Sample	09/22/2004	2.5 U	2.5 U	2.5 U	7	25 U	2.5 U	2.5 U	1.2 U	130	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	62	5 U	2.5 U
TMW_07	Primary Sample	07/14/1998	20	29	73	3000		40	12.5	12.5 U	26	120	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	83	3500	12.5 U	25 U
	Primary Sample	09/22/1998	12.5 U	17	36	1700		19	12.5 U	12.5 U	13	70	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	48	2700	12.5 U	25 U
	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	25 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	2500	12.5 U	25 U
	Primary Sample	06/23/2000	10 U	10 U	10 U	850		10	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	25 U	25 U	14 J	640	250 U	25 U	25 U	12 U	5.5	26		25 U		25 U	25 U	17 J	17 J	1700	50 U	25 U
	Primary Sample	01/22/2001	25 U	25 U	14 J	640	250 U	25 U	25 U	12 U	5.5 J	26	25 U	25 U	120 U	25 U	25 U	17 J	17 J	1700	50 U	25 U
	Primary Sample	07/18/2001	5 U	4.8 J	10	560	50 U	5 U	5 U	2.5 U	4.3 J	21	5 U	5 U	25 U	5 U	5 U	5.6	12	1800	10 U	5 U
	Primary Sample	03/26/2002	25 U	25 U	7.5 J	200	250 U	25 U	25 U	12 U	25 U	21 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1600	50 U	25 U
	Primary Sample	09/18/2002	5 U	2.6 J	7.7	390	50 U	5 U	5 U	2.5 U	4 J	12	5 U	5 U	25 U	5 U	5 U	5 U	8.5	1900	10 U	5 U
	Primary Sample	03/27/2003	25 U	25 U	9.7 J	560	250 U	25 U	25 U	12 U	25 U	18 J	25 U	25 U	120 U	25 U	25 U	25 U	13 J	1700	50 U	25 U
	Primary Sample	09/24/2003	50 U	50 U	50 U	520	500 U	50 U	50 U	25 U	50 U	15 J	50 U	50 U	250 U	50 U	50 U	50 U	50 U	1700	100 U	50 U
	Field Duplicate	09/24/2003	50 U	50 U	50 U	530	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	50 U	1700	100 U	50 U
	Primary Sample	03/24/2004	25 U	25 U	25 U	360	250 U	25 U	25 U	12 U	25 U	11 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1300	50 U	25 U
	Primary Sample	09/23/2004	25 U	25 U	25 U	54	250 U	25 U	25 U	12 U	25 U	8.9 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	1200	50 U	25 U
	Primary Sample	09/22/2005	20 U	7.2 J	20 U	35	200 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U	100 U	20 U	20 U	20 U	20 U	2000	40 U	20 U
TMW_08	Primary Sample	07/15/1998	37	37	96	7000		62	25 U	25 U	38	140	25 U	25 U		125 U	25 U	25 U	120	5700	25 U	50 U
	Primary Sample	09/22/1998	12.5 U	12.5 U	31	2000		23	12.5 U	12.5 U	14	54	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	40	2600	12.5 U	25 U
	Primary Sample	10/20/1998	10 U	10 U	18	1300		13	10 U	10 U	10 U	32	10 U	10 U		50 U	10 U	10 U	25	2100	10 U	20 U
	Primary Sample	03/05/1999	12.5 U	18	52	3800		38	12.5 U	12.5 U	21	93	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	71	3900	12.5 U	25 U
	Primary Sample	07/15/1999	12.5 U	13	52	3500		27	12.5 U	12.5 U	16	92	12.5 U	12.5 U		62.5 U	12.5 U	12.5 U	74	3000	12.5 U	25 U

BOE-C6-0105254

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	06/23/2000	13 U	13	45	2300		23	13 U	13 U	13 U	81		13 U		63 U	13 U	13 U	56	2900	13 U	25 U
	Primary Sample	01/25/2001	50 U	50 U	39 J	2189	500 U	50 U	50 U	25 U	50 U	63		50 U		50 U	50 U	18 J	51	2500	100 U	50 U
	Primary Sample	01/25/2001	50 U	50 U	39 J		500 U	50 U	50 U	25 U	50 U	63	50 U	50 U	250 U	50 U	50 U	18 J	51	2500	100 U	50 U
	Primary Sample	07/18/2001	10 U	6.8 J	35	2200	100 U	13	10 U	5 U	6.4 J	78	10 U	10 U	50 U	10 U	10 U	26	50	2500	20 U	10 U
	Primary Sample	03/26/2002	50 U	50 U	42 J	3100	500 U	17 J	50 U	25 U	50 U	72	50 U	50 U	250 U	50 U	50 U	50 U	55	3600	100 U	50 U
	Primary Sample	03/28/2003	50 U	50 U	62	3800	500 U	27 J	50 U	25 U	50 U	94	50 U	50 U	250 U	50 U	50 U	50 U	76	3700	100 U	50 U
	Primary Sample	03/25/2004	50 U	50 U	42 J	50 U	500 U	16 J	50 U	25 U	50 U	340	50 U	50 U	250 U	50 U	50 U	50 U	54	2100	100 U	50 U
TMW_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	250	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		25 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		25 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		25 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	25 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	25 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	25 U	5 U	5 U	5 U	5 U	260	10 U	5 U
	Primary Sample	03/26/2003	25 U	25 U	25 U	240	250 U	25 U	25 U	12 U	25 U	11 J	25 U	25 U	120 U	25 U	25 U	25 U	25 U	900	50 U	25 U
	Primary Sample	03/24/2004	5 U	5 U	5 U	6.8	50 U	5 U	5 U	2.5 U	5.9	8	5 U	5 U	25 U	5 U	3.2 J	5 U	1.5 J	500	10 U	5 U
TMW_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	25 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	0.22 U	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	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	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	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	1 U	1 U	5 U	1 U	1 U	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	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	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	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
	Primary Sample	09/21/2005	1 U	1 U	1 U	0.33 U	10 J	1 U	1 U	0.5 U	3.7 U	1 U	1 U	1 U	5 U	1 U	1.4 U	1 U	1 U	8.2	2.2 U	1 U
TMW_11	Primary Sample	03/03/1999	1.25 U	1.25 U	1.25 U	1.25 U		1.25 U	1.25 U	1.7	430	1.25 U	1.25 U	1.25 U		6.25 U	1.9	1.25 U	1.25 U	21	1.25 U	2.5 U
	Primary Sample	07/13/1999	1.25 U	1.25 U	1.25 U	2		1.25 U	1.25 U	1.7	450	1.25 U	1.25 U	1.25 U		6.25 U	1.7	1.25 U	1.25 U	23	1.25 U	2.5 U
	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	25 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	25 U	5 U	3.9 J	5 U	5 U	5.3	10 U	5 U
	Primary Sample	09/21/2005	4 U	4 U	4 U	4 U	40 U	4 U	4 U	2	220	4 U	4 U	4 U	20 U	4 U	3.6 J	4 U	4 U	4.8	8 U	4 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	25		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	25 U	25 U	25 U	18 J	250 U	25 U	25 U	12 U	1500	25 U	25 U	25 U	120 U	25 U	25 U	25 U	25 U	310	50 U	25 U
	Primary Sample	07/17/2001	5 U	5 U	5 U	16	50 U	5 U	5 U	2.9	1400	5 U	5 U	5 U	25 U	5 U	12	6.7	5 U	170	10 U	5 U
	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	25 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 (Repe	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 U	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 U	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

RUBICON

BOE-C6-0105255

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_14	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
	Primary Sample	09/19/2005	1 U	1 U	1 U	1 U	10 U	1 U	1 U	1.5	1.6	0.39 J	1 U	1 U	5 U	1 U	1.7	0.49 J	1 U	7.3	2 U	1 U
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	25	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 U	1 U	4.4	1 U	25	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 U	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
	Primary Sample	09/21/2005	1 U	1 U	1 U	1.1	10 U	1 U	1 U	0.5 U	3.2	2.2	1 U	1 U	5 U	1 U	1 U	1 U	1 U	12	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	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	25	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	1 U	2		
	Primary Sample	11/15/1991	8	5	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	25	25 U	1500	50 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	230	25	25 U	230	25 U	25 U
	Field Duplicate	06/15/1992	64		25 U	1300	50 U	25 U			25 U	25 U			50 U			25	25 U	230		
	Primary Sample	09/22/1992	8	1	U 1	U 180	5 U	1 U	1 U	1 U	1 U	2	1	1 U	5 U	11	44	1	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	5 U	2	1	U 1	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	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	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	U 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	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	12/22/1994	10	4	U 2	U 600	40 U	2 U	4 U	4 U	2 U	2.3		2	U 40	U 10	U 2	U 2.2	2.2	71	2	U 2 U
	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	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	12/16/1995	2 U	2	U 2	U 12		10	2	U 2	U 2	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	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	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	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 10	U 1	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	12/18/1996	1 U	1	U 1	U 1	U 10	U 1	U 5	U 1	U 1	U 1	U 1.2	1	U 10	U 1	U 1	U 1	U 1	U 3.5	1	U 1 U
	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 25	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			2500														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	250 U	250	U 250	U 1300	500 U	50	U 250	U 250	U 250	U 250	U	250	U 500	U 500	U 250	U 250	U 30	U 3700	250	U 250 U
	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

RUBICON

BOE-C6-0105256

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	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	25		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	12/22/1994	24	40 U	23	3000	400 U	57	20 U	20 U	20 U	38		20	U 400	U 100	U 20	U 20	U 36	3100	20 U	20 U
	Primary Sample	03/14/1995	20 U	40 U	20 U	2000	400 U	34	20 U	20 U	20 U	22		20	U 400	U 100	U 20	U 20	U 22	2300	20 U	20 U
	Primary Sample	06/13/1995	20 U	40 U	20	2700	400 U	45	20 U	20 U	20 U	29		20	U 400	U 100	U 20	U 20	U 31	3200	20 U	20 U
	Primary Sample	09/07/1995	22	5 U	22	1800	10 U	51	5 U	5 U	16	37		5	U 10	U 5	U 50	U 50	U 37	2600	5 U	5 U
	Primary Sample	12/15/1995	22	2 U	26	2900		42	2 U	2 U	17	34		2	U	2	U 2	U 2	U 40	2600	2 U	2 U
	Primary Sample	03/04/1996	24	20 U	27	3000	40 U	20 U	20 U	20 U	20 U	35		20	U 40	U 20	U 20	U 20	U 45	2700	20 U	20 U
	Primary Sample	06/07/1996	20	5 U	24	2500	10 U	7	5 U	5 U	17	28		5	U 10	U 5	U 5	U 5	U 39	2200	5 U	5 U
	Primary Sample	09/19/1996	50 U	50 U	50 U	3200	500 U	50 U	250 U	50 U	50 U	50 U		50	U 500	U 50	U 50	U 50	U 50	U 2400	50 U	50 U
	Field Duplicate	12/15/1996	22	2 U	26	2800	2 U	42	2 U	2 U	16	33	2	U 2	U	2	U 2	U 2	U 40	2560	2 U	4 U
	Primary Sample	12/18/1996	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U		50	U 500	U 50	U 50	U 50	U 50	U 2200	50 U	50 U
	Field Duplicate	12/18/1996		50 U			500 U		250 U	50 U			50	U 50	U	50	U 50	U			50 U	50 U
	Primary Sample	05/08/1997	50 U	50 U	50 U	3200	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 69	2700	50 U	50 U
	Primary Sample	07/08/1997	50 U	50 U	50 U	3900	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 50	U 2800	50 U	50 U
	Primary Sample	07/24/1997	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 50	U 2400	50 U	50 U
	Primary Sample	08/06/1997	50 U	50 U	50 U	3800	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 60	2700	50 U	50 U
	Primary Sample	08/22/1997	50 U	50 U	50 U	3800	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 66	2700	50 U	50 U
	Primary Sample	09/05/1997	50 U	50 U	50 U	3500	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 61	2500	50 U	50 U
	Primary Sample	09/17/1997	50 U	50 U	50 U	3400	500 U	50 U	250 U	50 U	50 U	50 U	50	U 50	U 500	U 50	U 50	U 50	U 63	2700	50 U	50 U
	Field Duplicate	12/18/1997	50 U		50 U	2600		50 U			50	U 50	U		500	U			50	U 50	U 2300	
WCC_02S	Primary Sample	11/02/1987	5	1 U	1 U	5	10 U	1 U	1 U	5	1	U 1	U	1	U 10	U 10	U 1	U 6	1	U 14	1 U	1 U
	Primary Sample	11/12/1987	1	1 U	1 U	2	10 U	1 U	1 U	1 U	1	U 1	U	1	U 10	U 10	U 1	U 1	5	U 4	1 U	1 U
	Primary Sample	07/13/1989	1 U	1 U	1 U	1	U 5	U 1	U 1	U 1	U 1	U 1	U	1	U 5	U 1	U 1	U 1	U 1	U 5	1 U	1 U
	Primary Sample	08/23/1989	1 U	1 U				1 U			1	U 1	U		5	U		1	U 1	U 3		
	Primary Sample	11/19/1991	8	5 U	5 U	30	10 U	1 U	5 U	5 U	5 U	5 U	U	5	U 10	U 15	5	U 75	5	U 110	5 U	5 U
	Primary Sample	06/16/1992	5 U	5 U	5 U	30	10 U	5 U	5 U	5 U	5 U	5 U	U	5	U 10	U 5	U 5	U 5	U 5	U 100	5 U	5 U
	Primary Sample	09/22/1992	1 U	1 U	1 U	18	5 U	1 U	1 U	1 U	1 U	1 U	U	1	U 5	U 11	1	U 1	1	U 110	1 U	1 U
	Field Duplicate	09/22/1992	1 U	1 U	1 U	19	5 U	1 U	1 U	1 U	1 U	1 U	U 1	U 1	U 5	U 9	1	U 1	1	U 97	1 U	1 U
	Primary Sample	12/08/1992	2	1 U	1 U	49	6	1 U	1 U	1 U	1 U	1 U	U	1	U 5	U 5	1	U 1	U 1	U 140	1 U	1 U
	Field Duplicate	12/08/1992	2	1 U	2 U	27	5 U	1 U	1 U	1 U	2	1	U 1	U 1	U 5	U 2	1	U 1	U 1	U 99	1 U	1 U
	Primary Sample	03/17/1993	2 U	2 U	2 U	33	10 U	2 U	5 U	5 U	2 U	2 U	U	2	U 10	U 10	U 2	U 2	U 2	U 100	5 U	2 U
	Primary Sample	03/17/1993	2 U	2 U	2 U	32	10 U	2 U	5 U	5 U	2 U	2 U	U	2	U 10	U 10	U 2	U 2	U 2	U 110	5 U	2 U
	Field Duplicate	03/17/1993	2 U	2 U	2 U	33	10 U	2 U	5 U	5 U	2 U	2 U	2 U	2	U 10	U 10	U 2	U 2	U 2	U 100	5 U	2 U
	Primary Sample	06/07/1993	2 U	4 U	2 U	48	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 4	U 2	U 2	U 2	U 150	2 U	2 U
	Primary Sample	08/24/1993	2 U	4 U	2 U	16	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2	U 40	U 4	U 2	U 2	U 2	U 90	2 U	2 U
	Primary Sample	11/19/1993	2 U	4 U	2 U	41	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 10	U 2	U 2	U 2	U 94	2 U	2 U
	Primary Sample	02/24/1994	2 U	4 U	2 U	30	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 10	U 2	U 2	U 2	U 96	2 U	2 U
	Primary Sample	06/10/1994	2 U	4 U	2 U	24	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 20	U 2	U 2	U 2	U 97	2 U	2 U
	Primary Sample	09/08/1994	2 U	4 U	2 U	37	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 10	U 2	U 2	U 2	U 150	2 U	2 U
	Primary Sample	12/22/1994	2 U	4 U	2 U	28	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 10	U 2	U 2	U 2	U 110	2 U	2 U
	Primary Sample	03/13/1995	2 U	4 U	2 U	27	40 U	2 U	2 U	2 U	2 U	2 U	U	2	U 40	U 10	U 2	U 2	U 2	U 160	2 U	2 U
	Primary Sample	06/12/1995	2 U	4 U	2 U	30	40 U	2 U	2 U	2 U	2 U	2 U	U	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	5 U	56	10 U	5 U	5 U	5 U	5 U	5 U	U	5	U 10	U 5	U 5	U 5	U 5	U 200	5 U	5 U
	Primary Sample	12/15/1995	2 U	2 U	2 U	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2	U	2	U 2	U 2	U 2	U 60	2 U	4 U
	Primary Sample	03/01/1996	5 U	5 U	5 U	5	U 10	U 5	U 5	U 5	U 5	U 5	U 5	U 10	U 5	U 5	U 5	U 5	U 5	U 21	5 U	5 U
	Primary Sample	06/06/1996	5 U	5 U	5 U	7	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5	U 10	U 5	U 5	U 5	U 5	U 33	5 U	5 U
WCC_03D	Primary Sample	09/19/1996	1 U	1 U	1 U	23	10 U	1 U	5 U	1 U	1 U	1 U	1.1	1	U 10	U 1	U 1	U 1	U 1	U 98	1 U	1 U
	Primary Sample	12/18/1996	2 U	2 U	2 U	30	20 U	2 U	10 U	2 U	2 U	2.2		2	U 20	U 2	U 2	U 2	U 2	U 120	2 U	2 U
	Primary Sample	05/07/1997	1 U	1 U	1 U	12	10 U	1 U	5 U	1 U	1 U	18	1	U 1	U 10	U 1	U 1	U 1	U 1	U 25	1 U	1 U
	Field Duplicate	05/07/1997	1 U	1 U	1 U	11	10 U	1 U	5 U	1 U	1 U	17	1	U 1	U 10	U 1	U 1	U 1	U 1	U 24	1 U	1 U
	Primary Sample	07/25/1989	49	1 U	1 U	1	U 5	U 1	U 1	U 1	U 10	U 11	1	U 1	U 5	U 5	U 1	U 3	1	U 4	1 U	1 U
	Primary Sample	08/23/1989	32	10 U	10 U	10	U 50	U 10	U 10	U 10	U 10	U		10	U 50	U 50	U 10	U 10	U 10	U 10	U 10	U 10
	Primary Sample	11/14/1991	60	5 U	5 U	20	10 U	5 U	5 U	5 U	5 U	5 U	5	U 5	U 10	U 5	U 5	U 5	U 5	U 5	U 5	U 5
	Primary Sample	06/16/1992	880	5 U	5 U	510	30 U	5 U	5 U	5 U	5 U	5 U		5	U 10	U 5	U 5	U 8	5	U 23	5 U	5 U
	Primary Sample	09/22/1992	27	1 U	1 U	21	5 U	1 U	1 U	1 U	1 U	1 U		1	U 5	U 8	1	U 1	U 1	U 2	1 U	1 U
	Primary Sample	12/07/1992	130	1 U	1 U	120	5 U	1 U	1 U	1 U	1 U	1		1	U 5	U 1	1	U 3	1	U 5	1 U	1 U
	Primary Sample	03/16/1993	500	2 U	6	500	10 U	2 U	5 U	5 U	2 U	2		2	U 10	U 10	U 2	U 6	9	47	5 U	2 U
	Primary Sample	03/16/1993	2000	2 U	6	950	10 U	2 U	5 U	5 U	2 U	2		2	U 10	U 10	U 2	U 6	9	50	5 U	2 U
	Field Duplicate	03/16/1993	2000	2 U	6	1000	10 U	2 U	5 U	5 U	2 U	2	2	U 2	U 10	U 10	U 2	U 6	9	47	5 U	2 U
	Primary Sample	06/08/1993	110	4 U	2 U	110	40 U	10 U	2 U	2 U	2 U	2 U		2	U 40	U 10	U 2	U 2	U 2	U 6	2 U	2 U
	Primary Sample	08/24/1993	100	4 U	2 U	120	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2	U 40	U 4	U 2	U 3	2	U 5	2 U	2 U
	Primary Sample	11/18/1993	410	4 U	2 U	610	40 U	2 U	4 U	2 U	2 U	2 U		2	U 40	U 10	U 2	U 6	4	17	2 U	2 U
	Field Duplicate	11/18/1993	640	8 U	4 U	840	80 U	4 U	4 U	4 U	4 U	4 U	4	U 4	U 80	U 20	U 4	U 8	4	23	4 U	4 U
	Primary Sample	02/23/1994	530	8 U	4 U	370	80 U	4 U	4 U	4 U	4 U	4 U		4	U 80	U 20	U 4	U 12	4	U 23	4 U	4 U
	Field Duplicate	02/23/1994	530		4 U	370		4 U			4 U	4 U			80 U			12	4	U 23		

RUBICON

BOE-C6-0105257

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	06/13/1994	1300	20 U	10 U	720	200 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	200 U	50 U	10 U	10 U	10 U	94	10 U	10 U
	Primary Sample	09/09/1994	5600	100 U	50 U	3700	1000 U	50 U	50 U	50 U	50 U	50 U		50 U	1000 U	250 U	50 U	50 U	50 U	490	50 U	50 U
	Primary Sample	12/21/1994	6300	29	4 U	5200	80 U	8.6	4 U	4 U	4 U	15		4 U	80 U	20 U	4 U	5100	22	540	4 U	4 U
	Primary Sample	03/14/1995	4000	80 U	40 U	3300	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	3200	40 U	370	40 U	40 U
	Field Duplicate	03/14/1995	3900	40 U	20 U	3200	400 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	400 U	100 U	61	3400	20 U	380	20 U	40 U
	Primary Sample	06/13/1995	2100	20 U	10 U	1800	200 U	10 U	10 U	10 U	10 U	10 U		10 U	200 U	50 U	10 U	1700	10 U	200	10 U	10 U
	Primary Sample	09/07/1995	4100	35	13	3400	10 U	13	10 U	5 U	5 U	60		5 U	10 U	5 U	5 U	4700	30	520	5 U	8
	Primary Sample	12/16/1995	90	2 U	2 U	111		2 U	2 U	2 U	2 U	3		2 U		2 U	2 U	88	2 U	32	2 U	2 U
	Primary Sample	03/04/1996	40	5 U	5 U	53	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	6	5 U	23	5 U	5 U
	Primary Sample	06/07/1996	59	5 U	5 U	84	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	21	5 U	60	5 U	5 U
	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	12/19/1996	67	2.5 U	2.5	97	10 U	2.5 U	5 U	2.5 U	2.5 U	5.4	2.5	2.5 U	10 U	5 U	2.5 U	20	2.5 U	42	5 U	2.5 U
	Primary Sample	05/08/1997	11	1 U	1 U	43	10 U	1 U	5 U	1 U	1 U	1.7	1	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	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	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	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	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	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	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	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	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	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	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	5 U		25 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	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	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	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	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	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	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	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	2500 U	250 U	1250 U	1250 U	1250 U	1250 U	1250 U	1250 U	2500 U	1250 U	1250 U	27000	1250 U	7900	1250 U	1250 U
	Primary Sample	06/17/1992	13	5 U	5 U	25	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	51	5 U	13	5 U	5 U
	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	12/10/1992	5600	500 U	500 U	21000	3000 U	500 U	500 U	500 U	500 U	700		500 U	4000	500 U	500 U	44000	600	11000	500 U	500 U
	Primary Sample	03/18/1993	22000	60	510	20000	50 U	260	25 U	25 U	110	640		10 U	50 U	50 U	10 U	42000	670	8800	25 U	110
	Primary Sample	03/18/1993	4000	60	510	4000	50 U	260	25 U	25 U	110	640		10 U	50 U	50 U	10 U	4000	670	4000	25 U	110
	Primary Sample	03/18/1993	22000	500 U	510	20000	2500 U	500 U	1250 U	1250 U	500 U	640		500 U	2500 U	2500 U	500 U	42000	670	8800	1250 U	500 U
	Primary Sample	03/18/1993	21000	500 U	500 U	20000	2500 U	500 U	1250 U	1250 U	500 U	650		500 U	2500 U	2500 U	500 U	42000	640	8800	1250 U	500 U
	Field Duplicate	03/18/1993	22000	60	510	20000	50 U	260	25 U	25 U	110	640	10	10 U	50 U	50 U	10 U	42000	670	8800	25 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	250	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	2500		200 U	4000 U	1000 U	200 U	25000	260	2500	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	25000		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	12/16/1995	3100	22	350	12000		130	2 U	2 U	45	4400		8		2 U	2 U	23000	400	670	2 U	42
	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
	Primary Sample	09/19/1996	3500	500 U	600	20000	5000 U	500 U	2500 U	500 U	500 U	6300		500 U	5000 U	500 U	500 U	29000	860	500 U	500 U	500 U
	Primary Sample	12/19/1996	2300	250 U	380	16000	2500 U	250 U	1200 U	250 U	250 U	4100	250 U	250 U	2500 U	250 U	250 U	20000	460	250 U	250 U	250 U
	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		250 U	6200		250 U			50 U	2000			2500 U			9100	250 U	250 U		
	Primary Sample	07/08/1997	1100	250 U	250 U	9200	2500 U	250 U	1200 U	250 U	250 U	2900	250 U	250 U	2500 U	250 U	250 U	14000	260	400	250 U	250 U
	Primary Sample	07/24/1997	1900	250 U	350	14000	2500 U	250 U	1200 U	250 U	250 U	4000	250 U	250 U	2500 U	250 U	250 U	22000	380	420	250 U	250 U

BOE-C6-0105258

RUBICON

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_03S	Primary Sample	08/06/1997	1500	250 U	310	12000	2500 U	250 U	1200 U	250 U	250 U	3900	250 U	250 U	2500 U	250 U	250 U	18000	350	250	250 U	250 U
	Primary Sample	08/22/1997	2200	250 U	410	16000	2500 U	250 U	1200 U	250 U	250 U	4600	250 U	250 U	2500 U	250 U	250 U	23000	540	290	250 U	250 U
	Primary Sample	09/05/1997	1600	250 U	350	13000	2500 U	250 U	1200 U	250 U	250 U	3700	250 U	250 U	2500 U	250 U	250 U	18000	390	250 U	250 U	250 U
	Primary Sample	09/18/1997	1500	250 U	300	12000	2500 U	250 U	1200 U	250 U	250 U	3500	250 U	250 U	2500 U	250 U	250 U	18000	350	250 U	250 U	250 U
	Field Duplicate	09/18/1997	1600	250 U	300	13000	2500 U	250 U	1200 U	250 U	250 U	3600	250 U	250 U	2500 U	250 U	250 U	18000	360	260	250 U	250 U
	Primary Sample	09/23/1998	4000	250 U	870	33000		390	250 U	250 U	250 U	9400	250 U	250 U		1250 U	250 U	59000	980	250 U	250 U	500 U
	Primary Sample	10/22/1998	4700	250 U	1100	41000		470	250 U	250 U	250 U	11000	250 U	250 U		1250 U	250 U	68000	1300	490	250 U	500 U
	Primary Sample	03/06/1999	1900	250 U	500	20000		250 U	250 U	250 U	250 U	4800	250 U	250 U		1250 U	250 U	42000	510	640	250 U	500 U
	Primary Sample	07/16/1999	2700	250 U	780	32000		380	250 U	250 U	250 U	8600	250 U	250 U		1250 U	250 U	54000	1000	810	250 U	500 U
	Primary Sample	06/26/2000	2400	125 U	630	25000		380	125 U	125 U	125 U	7600		125 U		625 U	125 U	48000	840	770	125 U	250 U
	Primary Sample	02/03/2001	1100	500 U	550	17000	5000 U	270 J	500 U	250 U	500 U	4600	500 U	500 U	2500 U	500 U	500 U	44000	590	550	1000 U	500 U
	Primary Sample	07/19/2001	2200	200 U	840	32000	2000 U	390	200 U	100 U	140 J	7900	200 U	200 U	1000 U	200 U	200 U	73000	960	140 J	400 U	250
	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	03/24/2004	140 J	500 U	220 J	10000	5000 U	500 U	500 U	250 U	500 U	2400	500 U	500 U	2500 U	500 U	500 U	23000	290 J	960	1000 U	500 U
	Primary Sample	09/19/2005	110 J	330 U	190 J	8600	3300 U	110 J	330 U	170 U	330 U	2300	330 U	330 U	1700 U	330 U	330 U	22000	230 J	820	670 U	330 U
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	360		5 U			5 U	15						5 U	5 U	410		
	Primary Sample	11/18/1991	20			1000														2200		
	Primary Sample	06/17/1992	25 U		25 U	920	150 U	25 U			25 U	25 U			50 U			25 U	25 U	1500		
	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	10 U
	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	10 U
	Primary Sample	03/17/1993	14	2 U	8	810	10 U	6	5 U	5 U	5	8	2 U	2 U	10 U	10 U	2 U	2 U	5	1200	5	2 U
	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	10 U
	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	10 U
	Primary Sample	11/19/1993	8	8 U	17	610	80 U	4	4 U	4 U	4 U	6	4 U	4 U	80 U	20 U	4 U	9	5	700	4	4 U
	Primary Sample	02/24/1994	8.8	8 U	5.8	1100	80 U	6.4	4 U	4 U	5.1	8.7	4 U	4 U	80 U	20 U	4 U	4 U	7.2	980	4	4 U
	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	12 U
	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	60 U
	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	20 U
	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	8 U
	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	6.6 U
	Primary Sample	09/07/1995	6.4	5 U	8.1	910	10 U	13	5 U	5 U	6.5	10	5 U	5 U	10 U	5 U	5 U	5 U	9.2	1200	5	5 U
	Primary Sample	12/15/1995	2 U	2 U	4	1100	2 U	2	2 U	2 U	4	8	2 U	2 U		2 U	2 U	2 U	7	1200	2	4 U
	Primary Sample	03/04/1996		5 U	5 U	710	10 U	5 U	5 U	5 U	5 U	6		5	10 U	5 U	5 U	5 U	6	770	5	5 U
	Primary Sample	06/07/1996	5 U	5 U	5 U	740	10 U	5 U	5 U	5 U	5 U	5		5	10 U	5 U	5 U	5 U	5 U	830	5	5 U
	Primary Sample	09/19/1996	25 U	25 U	25 U	980	250 U	25 U	120 U	25 U	25 U	25 U		25 U	250 U	25 U	25 U	25 U	25 U	960	25	25 U
	Primary Sample	12/18/1996		25 U	25 U	780	250 U	25 U	120 U	25 U	25 U	25 U		25 U	250 U	25 U	25 U	25 U	25 U	960	25	25 U
	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	12 U
	Primary Sample	07/08/1997	25 U	25 U	25 U	1300	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1200	25	25 U
	Primary Sample	07/24/1997	25 U	25 U	25 U	940	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1200	25	25 U
	Primary Sample	08/06/1997	25 U	25 U	25 U	1000	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	560	25 U	1000	25	25 U
	Primary Sample	08/22/1997	25 U	25 U	25 U	1200	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1200	25	25 U
	Primary Sample	09/05/1997	25 U	25 U	25 U	1100	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1000	25	25 U
	Primary Sample	09/17/1997	25 U	25 U	25 U	960	250 U	25 U	120 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	1100	25	25 U
	Primary Sample	09/28/1998	2.5 U	18	24	890		2.5	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	5 U
	Primary Sample	10/21/1998	5 U	11	19	1100		5	5 U	5 U	6	11	5 U	5 U		25 U	5 U	5 U	11	970	5	10 U
	Primary Sample	03/04/1999	10 U	10 U	10 U	1700		10	10 U	10 U	10 U	10 U	10 U	10 U		50 U	10 U	10 U	15	1600	10	20 U
	Primary Sample	07/14/1999	10 U	10 U	10 U	2100		10	10 U	10 U	10 U	12	10 U	10 U		50 U	10 U	10 U	19	1500	10	20 U
	Primary Sample	06/21/2000	10 U	10 U	10 U	1800		10	10 U	10 U	10 U	10 U		10 U		50 U	10 U	10 U	10 U	1300	10	20 U
	Primary Sample	01/24/2001	50 U	50 U	50 U	2000	500 U	50 U	50 U	25 U	50 U	50 U	50 U	50 U	250 U	50 U	50 U	50 U	15 J	1100	100	50 U
	Primary Sample	03/26/2002	25 U	25 U	25 U	1600	250 U	25 U	25 U	12 U	25 U	22 J	25 U	25 U	120 U	25 U	25 U	12 J	15 J	1000	50	25 U
	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	10 U	50 U	10 U	10 U	10 U	8 J	380	20	10 U
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	5 U	1 U	1 U	1 U	1 U	1 U	1	1 U
	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	5 U	1 U	1 U	1 U	1 U	1 U	1	5 U
	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	10 U	15 U	5 U	7 U	5 U	8 U	5	5 U
	Primary Sample	06/15/1992	5 U	5 U	5 U	28	30 U	5 U	5 U	5 U	5 U	5 U		5	10 U	5 U	5 U	5 U	5 U	7 U		5 U
	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	5 U	8 U	1 U	1 U	1 U	5 U	1	1 U
	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	5 U	3 U	1 U	1 U	1 U	5 U	1	1 U
	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	10 U	10 U	2 U	2 U	2 U	4 U	2	2 U
	Primary Sample	06/07/1993	2 U	2 U	2 U	22	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	4 U	4 U	2 U	2 U	4 U	2	2 U
	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 U	2	2 U
	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	40 U	10 U	2 U	2 U	2 U	3 U	2	2 U
	Primary Sample	02/23/1994	2 U	4 U	2 U	20	40 U	2 U	4	2 U	2 U	2 U		2	40 U	10 U	2 U	2 U	2 U	4 U	2	4 U

RUBICON

BOE-C6-0105259

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_05S	Primary Sample	06/10/1994	2 U	4 U	2 U	25	40 U	2 U	2 U	2 U	2 U	2 U		2 U	40 U	20 U	2 U	2 U	2 U	3.4	2	4 U
	Field Duplicate	06/10/1994	2 U	4 U	2 U	25	40 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	40 U	20 U	2 U	2 U	2 U	3.4	2	6 U
	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	4 U
	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	4 U
	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	4 U
	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	4 U
	Primary Sample	09/06/1995	5 U	5 U	5 U	18	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Primary Sample	12/12/1995	2 U	2 U	2 U	15	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U		2 U	2 U	2 U	2 U	3	2	4 U
	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	2 U
	Primary Sample	02/29/1996	5 U	5 U	5 U	10	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Primary Sample	06/06/1996	5 U	5 U	5 U	9	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	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	1 U
	Primary Sample	12/17/1996	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	1 U	1 U	2	1 U	10 U	1 U	1 U	1 U	1 U	2.4	1	1 U
	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	1 U
	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	1 U
	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	1 U
	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	1 U
	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	1 U
	Primary Sample	09/04/1997	1.6	1 U	1 U	19	10 U	1 U	5 U	1 U	1 U	1	1 U	1 U	10 U	1 U	1 U	33	1 U	32	1	1 U
	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	1 U
	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	1 U
	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	1 U
	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	1 U
	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	1 U
	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	1 U
	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	1 U
	Primary Sample	03/21/2002	1 U	1 U	1 U	6.2	10 U	1 U	1 U	0.5 U	0.76 J	1 U	1 U	1 U	5 U	1 U	0.42 J	5.5	1 U	1.8	0.61 J	1 U
	Primary Sample	09/16/2002	1 U	1 U	1 U	5.8	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	0.34 J	3	1 U	1.5	0.86 J	1 U
	Primary Sample	03/25/2003	1 U	1 U	1.6	7.4	10 U	1 U	1 U	0.5 U	1 U	1.3	1 U	1 U	5 U	1 U	1 U	1 U	1 U	3.6	0.32 J	1 U
	Primary Sample	09/23/2003	1 U	1 U	1 U	4.7	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	0.34 J	0.92 J	1 U	1.3	0.7 J	1 U
	Primary Sample	03/22/2004	1 U	1 U	1 U	5.9	10 U	1 U	1 U	0.5 U	0.51 J	1 U	1 U	1 U	5 U	1 U	0.4 J	1 U	1 U	1.5	1.2 J	1 U
	Primary Sample	09/20/2005	1 U	1 U	1 U	5.7	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	2.2	0.54 J	1 U
WCC_06S	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	10/06/1989	130	4	4	210	5 U	1 U	1 U	1 U	1 U	12		1 U	5 U	5 U	1 U	1 U	7	140	1 U	1 U
	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	3000 U	500	U 500	U 500	U 500	U 500	U	500	U 1000	U 500	U 500	U 15000	500	U 3000	500	U 500 U
	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	25	U 25	U 15	10	U	10	U 3800	50	U 10	U 10000	80	1400	25	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	02/24/1994	2200	74	91	11000	230	52	10	U 10	U 21	1400		10	U 4400	50	U 10	20000	140	1800	10	U 58
	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 2500		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	25	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 2500	99	520	5	U 1
	Primary Sample	12/16/1995	1400	76	120	1100		66	2	U 2	U 28	2600	2	U 5		2	U 2	U 4900	160	2000	2	U 28
	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	25	U 25	U 25	U 3000		25	U 960	25	U 25	U 6500	120	2400	25	U 25 U
	Primary Sample	09/19/1996	890	250	U 250	U 8800	2500 U	250	U 1200	U 250	U 250	U 1800		250	U 2500	U 250	U 250	U 4000	250	2000	250	U 250 U
	Field Duplicate	09/19/1996	950	100	U 110	8800	1000 U	100	U 500	U 100	U 100	U 1800	100	U 100	U 1000	U 100	U 100	U 4300	160	2200	100	U 100 U
	Primary Sample	12/19/1996	680	100	U 100	U 7000	1000 U	100	U 500	U 100	U 100	U 880	100	U 100	U 1000	U 100	U 100	U 2600	110	2200	100	U 100 U
	Field Duplicate	12/19/1996	820	100	U 100	U 8300	1000 U	100	U 500	U 100	U 100	U 1000	100	U 100	U 1000	U 100	U 100	U 3000	130	2600	100	U 100 U
	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	08/06/1997	630	100	U 100	U 7700	1000 U	100	U 500	U 100	U 100	U 1400	100	U 100	U 1000	U 100	U 100	U 3100	110	2100	100	U 100 U
	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 25 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	03/06/1999	300	50	U 110	9500		51	50	U 50	U 50	U 510	50	U 50	U	250	U 50	U 760	140	5000	50	U 100 U
	Primary Sample	07/16/1999	390	50	U 94	7300		50	U 50	U 50	U 50	U 1000	50	U 50	U	250	U 50	U 860	130	3000	50	U 100 U
	Primary Sample	06/26/2000	1600	25	U 76	5300		43	25	U 25	U 25	U 2000		25	U	125	U 25	U 4700	91	1500	25	U 50 U
	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

BOE-C6-0105260

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_06S	Primary Sample	07/19/2001	540	14	74		50 U	27	5 U	2.5 U	14	990	5 U	7.6	25 U	5 U	5 U	360	110	1900	10 U	38
	Primary Sample	03/26/2002	780	120 U	190	10000	1200 U	68 J	120 U	62 U	40 J	4100	120 U	120 U	620 U	120 U	120 U	2500	200	2000	250 U	120 U
	Primary Sample	03/25/2003	210	120 U	230	9400	1200 U	67 J	120 U	62 U	38 J	4900	120 U	120 U	620 U	120 U	120 U	7700	200	400	250 U	120 U
	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
	Primary Sample	09/19/2005	250 U	250 U	250	11000	2500 U	250 U	250 U	120 U	250 U	4200	250 U	250 U	1200 U	250 U	250 U	2800	230 J	1300	500 U	250 U
WCC_07S	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	06/17/1992	5 U	5 U	5 U	230	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	560	5 U	5 U
	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	4	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	02/24/1994	2 U	4 U	2 U	75	40 U	2 U	2 U	2 U	2 U	2.5		2 U	40 U	10 U	2 U	2 U	2 U	140	2 U	2 U
	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	250	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	12/15/1995	2 U	2 U	2 U	98		2 U	2 U	2 U	2 U	2 U		2 U		2 U	2 U	2 U	2 U	140	2 U	2 U
	Primary Sample	03/01/1996	5 U	5 U	5 U	91	10 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	120	5 U	5 U
	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	12/18/1996	2 U	2 U	2 U	99	20 U	2 U	10 U	2 U	2 U	2 U		2 U	20 U	2 U	2 U	2 U	2 U	130	2 U	2 U
	Primary Sample	05/08/1997	2.5 U	2.5 U	2.5 U	120	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	2.5 U	2.5 U	140	2.5 U	2.5 U
	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	08/06/1997	2 U	2 U	2 U	130	20 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	20 U	2 U	2 U	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	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	17	2.5 U	150	2.5 U	2.5 U
	Primary Sample	09/17/1997	2.5 U	2.5 U	2.5 U	110	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	21	2.5 U	160	2.5 U	2.5 U
	Primary Sample	09/28/1998	1.25 U	1.7	1.4	300		1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	1.25 U	U	6.25 U	1.25 U	1.25 U	1.25 U	250	1.25 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	9.3	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	25 U	2.5 U	2 J	1.2 U	0.54 J	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	8.8	2.5 U	140	5 U	2.5 U
	Primary Sample	01/24/2001	5 U	5 U	5 U	200	50 U	5 U	5 U	2.5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	9	5 U	140	10 U	5 U
	Primary Sample	03/25/2002	2 U	1.5 J	0.87 J	120	20 U	2 U	2 U	1 U	2 U	5	2 U	2 U	10 U	2 U	2 U	0.72 J	2 U	100	4 U	2 U
	Primary Sample	03/28/2003	2.5 U	1.4 J	1 J	170	25 U	2.5 U	2.5 U	1.2 U	2.5 U	2.1 J	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	120	5 U	2.5 U
WCC_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 U	240	5 U	5 U
	Primary Sample	08/23/1989	130	5 U	5 U	820	30 U	5 U	5 U	5 U	5 U	7		10 U	30 U	30 U	5 U	5 U	5 U	430	5 U	5 U
	Primary Sample	11/15/1991	400	125 U	125 U	2600	250 U	25 U	125 U	125 U	125 U	125 U		125 U	250 U	125 U	125 U	125 U	125 U	3000	250 U	125 U
	Primary Sample	06/17/1992	180	25 U	25 U	2200	150 U	25 U	25 U	25 U	25 U	25 U		25 U	50 U	25 U	25 U	25 U	25 U	2400		25 U
	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 U	3100	20 U	20 U
	Primary Sample	12/08/1992	100	20 U	20 U	2000	100 U	20	20	20	20 U	20		20 U	100 U	30	20 U	20 U	30 U	2500	20 U	20 U
	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 U	1500	5 U	2 U
	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 U	2000	20 U	20 U
	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 U	2200	20 U	20 U
	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 U	2000	20 U	20 U
	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 U	2700	20 U	20 U
	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 U	2200	40 U	40 U
	Primary Sample	09/09/1994	280	100 U	50 U	4600	1000 U	50 U	50 U	50 U	50 U	50 U		50 U	1000 U	250 U	50 U	50 U	50 U	3100	50 U	100 U
	Primary Sample	12/22/1994	230	80 U	20 U	4000	400 U	25	20 U	20 U	20 U	20 U		20 U	400 U	100 U	20 U	20 U	43 U	2100	20 U	20 U
	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 U	2600	40 U	80 U
	Primary Sample	06/13/1995	150	40 U	40 U	4200	800 U	40 U	40 U	40 U	40 U	40 U		40 U	800 U	200 U	40 U	40 U	40 U	2400	40 U	40 U
	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 U	1700	5 U	5 U
	Primary Sample	12/15/1995	120	2 U	16	4200		10	2 U	2 U	2 U	18		2 U		2 U	2 U	2 U	39 U	2300	2 U	2 U
	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 U	2100	20 U	20 U
	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 U	2200	20 U	40 U
	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 U	2000	5 U	5 U
	Primary Sample	09/19/1996	59	50 U	50 U	3400	500 U	50 U	250 U	50 U	50 U	50 U		50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	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 U	2000	20 U	20 U
	Primary Sample	12/18/1996	61	50 U	50 U	3000	500 U	50 U	250 U	50 U	50 U	50 U		50 U	500 U	50 U	50 U	50 U	50 U	2000	50 U	50 U
	Primary Sample	05/08/1997	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	51 U	1600	50 U	50 U

RUBICON

BOE-C6-01052261

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	07/08/1997	50 U	50 U	50 U	3200	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	Primary Sample	07/24/1997	50 U	50 U	50 U	2500	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	Primary Sample	08/06/1997	2.5 U	2.5 U	2.5 U	130	25 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	25 U	2.5 U	2.5 U	18	2.5 U	160	2.5 U	2.5 U
	Primary Sample	08/22/1997	50 U	50 U	50 U	2800	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1900	50 U	50 U
	Primary Sample	09/05/1997	50 U	50 U	50 U	2500	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1600	50 U	50 U
	Primary Sample	09/17/1997	50 U	50 U	50 U	2600	500 U	50 U	250 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	1800	50 U	50 U
WCC_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 U
	Primary Sample	11/19/1991	5 U	5 U	5 U	5 U	10 U	1 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
	Primary Sample	06/15/1992	5 U	5 U	5 U	7	30 U	5 U	5 U	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	42	5 U	5 U
	Primary Sample	09/21/1992	1 U	1 U	1 U	6	5 U	1 U	1 U	1 U	6	2		1 U	5 U	10	1 U	1 U	1 U	45	1 U	1 U
	Primary Sample	12/07/1992	1 U	1 U	1 U	10	5 U	1 U	1 U	1 U	12	1	U	1 U	5 U	3	1 U	1 U	1 U	51	1 U	1 U
	Primary Sample	03/16/1993	2 U	2 U	5 U	6	10 U	2 U	5 U	5 U	11	3		5 U	10 U	10 U	2 U	2 U	5 U	23	2 U	2 U
	Primary Sample	06/07/1993	2 U	4 U	2 U	11	40 U	2 U	2 U	2 U	18	2	U	2 U	40 U	4 U	2 U	2 U	2 U	42	2 U	2 U
	Field Duplicate	06/07/1993	2 U	4 U	2 U	11	40 U	2 U	2 U	2 U	17	20	U 2	U 2	U 40	U 4	U 2	U 2	U 20	U 39	2 U	2 U
	Primary Sample	08/24/1993	2 U	4 U	2 U	5	40 U	2 U	2 U	2 U	U 2	U 4	2	U 2	U 40	U 4	U 2	U 2	U 2	U 26	2 U	2 U
	Primary Sample	11/18/1993	2 U	4 U	2 U	5	40 U	2 U	2 U	2 U	7	2	U	2	U 40	U 10	U 2	U 2	U 2	U 43	2 U	2 U
	Primary Sample	02/23/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	4	2	2	U 2	U 40	U 10	U 2	U 2	U 2	U 31	2 U	2 U
	Primary Sample	06/10/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	2.5	4.4		2	U 40	U 20	U 2	U 2	U 2	U 28	2 U	2 U
	Primary Sample	09/08/1994	2 U	4 U	2 U	4 U		2 U	2 U	2 U	4.1	2.7		2	U 40	U 10	U 2	U 2	U 2	U 38	2 U	2 U
	Primary Sample	12/21/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	3	3.1		2	U 40	U 10	U 2	U 2	U 2	U 22	2 U	2 U
	Field Duplicate	12/21/1994	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	3.1	3.3	2	U 2	U 40	U 10	U 2	U 2	U 2	U 26	2 U	4 U
	Primary Sample	03/13/1995	2 U	4 U	2 U	7	40 U	2 U	2 U	2 U	8.4	2	U	2	U 40	U 10	U 2	U 2	U 2	U 56	2 U	2 U
	Primary Sample	06/12/1995	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	6.4	2	U	2	U 40	U 10	U 2	U 2	U 2	U 23	2 U	2 U
	Field Duplicate	06/12/1995	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	6	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 21	2 U	4 U
	Primary Sample	09/06/1995	5 U	5 U	5 U	11	10 U	5 U	5 U	5 U	19	5	U 5	U 5	U 10	U 5	U 5	U 5	U 5	U 64	5 U	5 U
	Primary Sample	12/12/1995	2 U	2 U	2 U	4		2 U	2 U	2 U	4	3		2	U	2	U 2	U 2	U 2	U 18	2 U	2 U
	Primary Sample	02/29/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5	5 U		5	U 10	U 5	U 5	U 5	U 5	U 17	5 U	5 U
	Primary Sample	06/06/1996	5 U	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5	5 U	5 U	5 U	U 10	U 5	U 5	U 5	U 5	U 15	5 U	5 U
	Primary Sample	09/18/1996	1 U	1 U	1 U	2.2	10 U	1 U	5 U	1 U	3.9	2.9	1.1	1	U 10	U 1	U 1	U 1	U 1	U 17	1 U	1 U
	Primary Sample	12/17/1996	1 U	1 U	1 U	2.8	10 U	1 U	5 U	1 U	3.5	2.8	1.5	1	U 10	U 1	U 1	U 1	U 1	U 18	1 U	1 U
	Primary Sample	05/07/1997	1 U	1 U	1 U	2	10 U	1 U	5 U	1 U	3.5	3	1	1	U 10	U 1	U 1	U 1	U 1	U 16	1 U	1 U
	Primary Sample	07/02/1997	1 U	1 U	1 U	4	10 U	1 U	5 U	1 U	1	U 1.9	1	U 1	U 10	U 1	U 1	U 1	U 6.7	29	1 U	1 U
	Primary Sample	07/23/1997	1 U	1 U	1 U	8	10 U	1 U	5 U	1 U	1	U 2	1	U 1	U 10	U 1	U 1	U 12	7.6	43	1 U	1 U
	Primary Sample	08/05/1997	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	8.2	2.6	1	U 1	U 10	U 1	U 1	U 20	1 U	51	1 U	1 U
	Field Duplicate	08/05/1997	1 U	1 U	1 U	4	10 U	1 U	5 U	1 U	1	U 1.3	1	U 1	U 10	U 1	U 1	U 16	1 U	20	1 U	1 U
	Primary Sample	08/20/1997	1 U	1 U	1 U	6	10 U	1 U	5 U	1 U	1	U 2	1	U 1	U 10	U 1	U 1	U 1	U 9	31	1 U	1 U
	Primary Sample	09/04/1997	1 U	1 U	1 U	10	10 U	1 U	5 U	1 U	1	U 2.4	1	U 1	U 10	U 1	U 1	U 24	8.2	48	1 U	1 U
	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 U
	Field Duplicate	09/16/1997	1.4	1 U	1 U	11	10 U	1 U	5 U	1 U	8	2.4	1	U 1	U 10	U 1	U 1	U 30	1 U	59	1 U	1 U
	Primary Sample	09/23/1998	3.5	1 U	1 U	17		1 U	1 U	1 U	12	1	U 1	U 1	U	5	U 1	U 1	U 1	U 130	1 U	2 U
	Primary Sample	10/21/1998	0.5 U	0.5 U	0.5 U	14		0.5 U	0.5 U	0.5 U	20	0.5	U 0.5	U 0.5	U	2.5	U 1	0.5	U 0.5	U 120	0.5 U	1 U
	Primary Sample	03/02/1999	0.5 U	0.5 U	0.5 U	7		0.5 U	0.5 U	0.5 U	14	2	0.5	U 0.5	U	2.5	U 0.5	U 0.5	U 0.5	U 44	0.5 U	1 U
	Primary Sample	07/13/1999	0.5 U	0.5 U	0.5 U	12		0.5 U	0.5 U	0.5 U	24	2.2	0.5	U 0.5	U	2.5	U 0.5	U 0.5	U 0.5	U 56	0.5 U	1 U
	Primary Sample	06/20/2000	0.5 U	0.5 U	0.5 U	14		0.5 U	0.5 U	0.5 U	49	0.5	U	0.5	U	2.5	U 0.5	U 0.5	U 0.5	U 78	0.5 U	1 U
	Primary Sample	01/19/2001	1 U	1 U	1.3		10 U	1 U	1 U	0.5 U	6.8	1	U 1	U 1	U 5	U 1	U 1	U 8.7	1	U 73	0.54 J	1 U
	Primary Sample	03/22/2002	1 U	1 U	1.4	5.3	10 U	1 U	1 U	0.5 U	24	3.1	1	U 1	U 5	U 1	U 1	U 0.42 J	1	U 52	0.54 J	1 U
	Primary Sample	03/26/2003	1 U	1 U	1.1	3.7	10 U	1 U	1 U	0.5 U	12	3.2	1	U 1	U 5	U 1	U 0.31 J	1	U 1	U 29	0.4 J	1 U
	Primary Sample	03/23/2004	1 U	1 U	1.9	4.5	10 U	1 U	1 U	0.5 U	9.2	5.1	1	U 1	U 5	U 1	U 0.55 J	1	U 1	U 56	0.92 J	1 U
	Primary Sample	09/21/2005	1 U	1 U	1.4	3.4	10 U	1 U	1 U	0.5 U	10	2.2	1	U 1	U 5	U 1	U 1	U 1	U 37	0.71 J	1 U	
WCC_10S	Primary Sample	07/13/1989	1 U	1	U 2			1 U			3	1	U	5	U			1	U 1	U 86		
	Field Duplicate	07/13/1989	1 U	1	U 1			1 U			3	1	U					1	U 1	U 87		
	Primary Sample	08/23/1989	1 U	1	U 4			1 U			4	1	U	5	U			1	U 1	U 81		
	Primary Sample	11/20/1991												10	U					87		
	Primary Sample	06/16/1992	5 U	5	U 10		35	5	U		5	U 5	U	10	U			5	U 5	U 120		
	Primary Sample	09/21/1992	1 U	1 U	1 U	9	5 U	1 U	1 U	1 U	4	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	9	5 U	1 U	1 U	1 U	4	1	U 1	U 1	U 5	U 8	1	U 1	U 1	U 110	1 U	1 U
	Primary Sample	12/08/1992	1 U	1 U	1 U	8	5 U	1 U	1 U	1 U	5	1	U 1	U 1	U 5	U 3	1	U 1	U 1	U 110	1 U	1 U
	Primary Sample	03/16/1993	5 U	5 U	5 U	9	10 U	2 U	5 U	5 U	6	5	U 5	U 5	U 10	U 10	U 5	U 5	U 5	U 130	5 U	5 U
	Primary Sample	06/07/1993	2 U	2 U	2 U	13	40 U	2 U	2 U	2 U	4	2	U 2	U 2	U 40	U 4	U 2	U 2	U 2	U 120	2 U	2 U
	Primary Sample	08/25/1993	2 U	4 U	2 U	4 U	40 U	2 U	2 U	2 U	2	U 2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 120	2 U	2 U
	Primary Sample	11/19/1993	2 U	4 U	2 U	9	40 U	2 U	2 U	2 U	2	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 82	2 U	2 U
	Primary Sample	02/23/1994	2 U	4 U	2 U	10	4 U	2 U	2 U	2 U	5	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 110	2 U	2 U
	Primary Sample	06/10/1994	2 U	4 U	2 U	17	40 U	2 U	2 U	2 U	4	2	U 2	U 2	U 40	U 20	U 2	U 2	U 2	U 120	2 U	2 U
	Primary Sample	09/08/1994	2 U	4 U	2 U	17	40 U	2 U	2 U	2 U	2	U 2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 130	2 U	2 U
	Primary Sample	12/22/1994	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	3.1	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 99	2 U	2 U
	Field Duplicate	12/22/1994	2 U	4 U	2 U	14	40 U	2 U	2 U	2 U	3.1	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 99	2 U	4 U
	Primary Sample	03/13/1995	2 U	4 U	2 U	19	40 U	2 U	2 U	2 U	2.2	2	U 2	U 2	U 40	U 10	U 2.4	2	U 2	U 120	2 U	2 U
	Field Duplicate	03/13/1995	2 U	4 U	2 U	19	40 U	2 U	2 U	2 U	2.2	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 120	2 U	4 U
	Primary Sample	06/12/1995	2 U	4 U	2 U	20	40 U	2 U	17	2	U 2.3	2	U 2	U 2	U 40	U 10	U 2	U 2	U 2	U 140	2 U	2 U
	Primary Sample	09/06/1995	5 U	5 U	5 U	27	10 U	5 U	14	5	U 5	U 5	U 5	U 5	U 10	U 5	U 5	U 5	U 5	U 160	5 U	5 U

RUBICON

BOE-C6-0105262

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_10S	Primary Sample	12/16/1995	2	U	2	U	2	U	23		2	U	10		2	U	2	U	4		2	U			2	U			2	U	2	U	2	U	2	U	135		2	U	2	U
	Primary Sample	03/01/1996	5	U	5	U	5	U	20		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	120		5	U	5	U
	Primary Sample	06/06/1996	5	U	5	U	5	U	22		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U			5	U	5	U	5	U	5	U	140		5	U	5	U
	Primary Sample	09/19/1996	2	U	2	U	22		5	U	20	U	2	U	2	U	2	U	2.5		2	U			2	U	20	U	20	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	05/07/1997	2.5	U	2.5	U	2.5	U	29		25	U	2.5	U	12	U	2.5	U	3.2		2.5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	160		2.5	U	2.5	U
	Primary Sample	07/02/1997	2	U	2	U	2	U	25		20	U	2	U	10	U	2	U	2.5		2	U	2	U	2	U	20	U	2	U	2	U	2	U	2	U	140		2	U	2	U
	Primary Sample	07/23/1997	2	U	2	U	2	U	26		20	U	2	U	10	U	2	U	2.8		2	U	2	U	2	U	20	U	2	U	2	U	10		2	U	150		2	U	2	U
	Field Duplicate	07/23/1997	2	U	2	U	2	U	26		20	U	2	U	10	U	2	U	2.9		2	U	2	U	2	U	20	U	2	U	2	U	10		2	U	150		2	U	2	U
	Primary Sample	08/05/1997	2.5	U	2.5	U	2.5	U	30		25	U	2.5	U	12	U	2.5	U	2.6		2.5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	15		2.5	U	140		2.5	U	2.5	U
	Primary Sample	08/21/1997	2	U	2	U	2	U	25		20	U	2	U	10	U	2	U	2.6		2	U	2	U	2	U	20	U	2	U	2	U	2	U	2	U	120		2	U	2	U
	Primary Sample	09/04/1997	2.5	U	2.5	U	2.5	U	28		25	U	2.5	U	12	U	2.5	U	2.7		2.5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	18		2.5	U	140		2.5	U	2.5	U
	Primary Sample	09/17/1997	2.5	U	2.5	U	2.5	U	29		25	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	25	U	2.5	U	2.5	U	23		2.5	U	150		2.5	U	2.5	U
	Primary Sample	03/02/1999	0.5	U			0.5	U	29				0.5	U					2.5		0.92												0.5	U	0.5	U	150					
	Primary Sample	04/08/1999	0.5	U	0.5	U	0.5	U	29				0.5	U	0.5	U	0.92		2.5		0.92		0.5	U	0.5	U			2.5	U	2.5		0.5	U	0.5	U	150		0.5	U	1	U
	Primary Sample	07/14/1999	1	U	1.2		1	U	190				1	U	1	U	1	U	1	U	1.3		1	U	1	U			5	U	1	U	1	U	1	U	200		1	U	1	U
	Primary Sample	06/22/2000	0.5	U	0.5	U	0.94		34				0.5	U	0.5	U	1.3		2.8		0.5	U			0.5	U			2.5	U	3		0.5	U	0.5	U	160		0.5	U	1	U
	Primary Sample	01/18/2001	2.5	U	2.5	U	2.5	U			25	U	2.5	U	2.5	U	1.2	U	1.5	J	2.5	U	2.5	U	2.5	U	12	U	2.5	U	2.5	U	2.5	U	2.5	U	94		5	U	2.5	U
WCC_11S	Primary Sample	11/15/1991	5	U	5	U	5	U	10		10	U	1	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	80		5	U	5	U
	Primary Sample	06/16/1992	5	U	5	U	5	U	21		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	120		5	U	5	U
	Primary Sample	09/21/1992	1	U	1	U	1	U	17		5	U	1	U	1	U	1	U	1	U	2		1	U	1	U	5	U	9		1	U	1	U	1	U	140		1	U	1	U
	Primary Sample	12/08/1992	1	U	1	U	1	U	13		5	U	1	U	1	U	1	U	5	U	6				1	U	5	U	4		1	U	1	U	1	U	83		1	U	1	U
	Primary Sample	03/16/1993	2	U	2	U	2	U	25		10	U	2	U	5	U	5	U	2	U	4				2	U	10	U	10	U	2	U	2	U	2	U	160		2	U	2	U
	Primary Sample	06/07/1993	2	U	4	U	2	U	16		40	U	2	U	2	U	2	U	2	U	5				2	U	40	U	4	U	2	U	2	U	2	U	110		2	U	2	U
	Primary Sample	08/24/1993	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	2	U	4		2	U	2	U	40	U	4	U	2	U	2	U	2	U	97		2	U	2	U
	Primary Sample	11/19/1993	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	2	U	3				2	U	40	U	10	U	2	U	2	U	2	U	100		2	U	2	U
	Field Duplicate	11/19/1993	2	U	4	U	2	U	14		40	U	2	U	2	U	2	U	2	U	3		2	U	2	U	40	U	10	U	2	U	2	U	2	U	100		4	U	2	U
	Primary Sample	02/23/1994	2	U	4	U	2	U	16		40	U	2	U	2	U	2	U	2	U	4				2	U	40	U	10	U	2	U	2	U	2	U	100		2	U	2	U
	Primary Sample	06/10/1994	2	U	2	U	2	U	16		40	U	2	U	2	U	2	U	2	U	4.8				2	U	40	U	20	U	2	U	2	U	2	U	85		2	U	2	U
	Primary Sample	09/08/1994	2	U	4	U	2	U	20		40	U	2	U	2	U	2	U	2	U	4.8				2	U	40	U	10	U	2	U	2	U	2	U	140		2	U	2	U
	Field Duplicate	09/08/1994	2	U	4	U	2	U	19		40	U	2	U	2	U	2	U	2	U	5.9		2	U	2	U	40	U	10	U	2	U	2	U	2	U	120		2	U	6	U
	Primary Sample	12/21/1994	5.7		4	U	2	U	26		40	U	2	U	2	U	2	U	2	U	4.2				2	U	40	U	10	U	2	U	10		2	U	130		2	U	2	U
	Primary Sample	03/13/1995	2	U	4	U	2	U	16		40	U	2	U	2	U	2	U	2	U	5.6				2	U	40	U	10	U	2	U	2	U	2	U	100		2	U	2	U
	Primary Sample	06/12/1995	2	U	4	U	2	U	22		40	U	2	U	2	U	2	U	2	U	6				2	U	40	U	10	U	2	U	2	U	2	U	130		2	U	2	U
	Primary Sample	09/06/1995	5	U	5	U	5	U	31		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	190		5	U	5	U
	Field Duplicate	09/06/1995	5	U	5	U	5	U	30		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	200		5	U	5	U
	Primary Sample	12/15/1995	2	U	2	U	2	U	34				2	U	2	U	2	U	2	U	5				2	U			2	U	2	U	2	U	2	U	210		2	U	2	U
	Primary Sample	03/01/1996	5	U	5	U	5	U	30		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	170		5	U	5	U
	Primary Sample	06/06/1996	5	U	5	U	5	U	28		10	U	5	U	5	U	5	U	5	U	5	U			5	U	10	U	5	U	5	U	5	U	5	U	170		5	U	5	U
	Field Duplicate	06/06/1996	5	U	5	U	5	U	29		10	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	170		5	U	5	U
	Primary Sample	09/19/1996	5	U	5	U	5	U	22		50	U	5	U	25	U	5	U	5	U	5	U	5	U	5	U	50	U	5	U	5	U	5	U	5	U	150		5	U	5	U
	Primary Sample	12/18/1996	2	U	2	U	2	U	28		20	U	2	U	10	U	2	U	2	U	6.1		2	U	2	U	20	U	2	U	2	U	2	U	2	U	170		2	U	2	U
	Primary Sample	05/08/1997	2.5	U	2.5	U	2.5	U	33		25	U	2.5	U	12	U	2.5	U	2.5	U	5.1		2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	170		2.5	U	2.5	U
	Primary Sample	07/02/1997	2	U	2	U	2	U	29		20	U	2	U	10	U	2	U	2	U	4.4		2	U	2	U	20	U	2	U	2	U	2	U	2	U	160		2	U	2	U
	Primary Sample	07/24/1997	2.5	U	2.5	U	2.5	U	31		25	U	2.5	U	12	U	2.5	U	2.5	U	4.9		2.5	U	2.5	U	25	U	2.5	U	2.5	U	10		2.5	U	150		2.5	U	2.5	U
	Primary Sample	08/05/1997	2.5	U	2.5	U	2.5	U	33		25	U	2.5	U	12	U	2.5	U	2.5	U	5.2		2.5	U	2.5	U	25	U	2.5	U	2.5	U	15		2.5	U	160		2.5	U	2.5	U
	Primary Sample	08/21/1997	2.5	U	2.5	U	2.5	U	30		25	U	2.5	U	12	U	2.5	U	2.5	U	5		2.5	U	2.5	U	25	U	2.5	U	2.5	U	2.5	U	2.5	U	150		2.5	U	2.5	U
	Primary Sample	09/04/1997	2.5	U	2.5	U	2.5	U	29		25	U	2.5	U	12	U	2.5	U	2.5	U	4.7		2.5	U	2.5	U	25	U	2.5	U	2.5	U	21		2.5	U	140		2.5	U	2.5	U
	Field Duplicate	09/04/1997	2.5	U	2.5	U	2.5	U	28		25	U	2.5	U	12	U	2.5	U	2.5	U	4.5		2.5	U	2.5	U	25	U	2.5	U	2.5	U	19		2.5	U	150		2.5	U	2.5	U
	Primary Sample	09/17/1997	2.5	U	2.5	U	2.5	U	29		25	U	2.5	U	12	U	2.5	U	2.5	U	4.9		2.5	U	2.5	U	25	U	2.5	U	2.5	U	19		2.5	U	160		2.5	U	2.5	U
	Primary Sample	09/28/1998	2.1		1	U	1	U	51				1	U	1	U	1	U	1	U	1	U	1	U	1	U			5	U	1	U	1	U	1	U	230		1	U	2	U
	Primary Sample	10/21/1998	1	U	1	U	1	U	35				1	U	1	U	1	U	1	U	2		1	U	1	U			5	U	1	U	1	U	1	U	140		1	U	2	U
	Primary Sample	03/04/1999	0.5	U	0.5	U	0.5	U	22				0.5	U	0.5	U	0.5	U	6.9		0.5	U	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	0.5	U	0.5	U	0.5	U	38				0.5	U	0.5	U	1.1		2.8		1.2		0.5	U	0.5	U			2.5	U	3.1		0.5	U	0.5	U	170		0.5	U	1	U
	Primary Sample	06/22/2000	0.5	U	0.5	U	0.5	U	24				0.5	U	0.5	U	0.5	U	0.5	U	11				0.5	U			2.5	U	0.5	U	0.5	U	0.5	U	110		0.5	U	1	U
	Primary Sample	01/23/2001	1	U	1	U	0.41	J	12		10	U	1	U	1	U	0.5	U	0.2	J	8.5		1	U	1	U	5	U	1	U	1	U	2		1	U	60		2	U	1	U
	Primary Sample	01/23/2001	1	U	1	U	0.45	J	13		10	U	1	U	1	U	0.5	U	0.22	J	9		1	U	1	U	5	U	1	U	1	U	2.3		0.32	J	64		2	U	1	U
	Primary Sample	03/22/2002	1	U	1	U	0.38	J	16		10	U	1	U	1	U	0.5	U	1	U	14		1	U	1	U	5	U	1	U	1	U	6		1	U	72		2	U	1	U
	Field Duplicate	03/22/2002	1	U	1	U	0.41	J	16		10	U	1	U	1	U	0.5	U	1	U	14		1	U	1	U	5	U	1	U	1	U	4.3		1	U	73		2	U	1	U
WCC_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	12/08/1992	5	U	5	U	5	U	160		30	U	5	U	5	U	5	U	5	U	5				5	U	30	U	20		5	U	5	U	5	U	550		5	U	5	U
	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

BOE-C6-0105263

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	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	09/06/1995	5 U	5 U	32	60	10 U	5 U	33	5 U	5 U	5 U		5 U	10 U	5 U	5 U	5 U	5 U	300	5 U	5 U
	Primary Sample	12/15/1995	2 U	2 U	10	44	2 U	2 U	2 U	2 U	2 U	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	12/18/1996	2 U	2 U	16	43	20 U	2 U	10 U	2 U	2	2.5	2 U	2 U	20 U	2 U	2 U	2 U	2 U	150	2 U	2 U
	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	08/06/1997	2 U	2 U	14	42	20 U	2 U	10 U	2 U	2 U	2.8	2 U	2 U	20 U	2 U	2 U	20	2 U	140	2 U	2 U
	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
	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
	Primary Sample	09/21/2005	2.5 U	2.5 U	17	25	25 U	2.5 U	2.5 U	1.2 U	1.8 J	3.8	2.5 U	2.5 U	12	2.5 U	1.1 J	2.5 U	2.5 U	120	5 U	2.5 U
XMW_19	Primary Sample	03/21/2001	15	2	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	03/22/2002	1 U	1 U	1 U	0.58 J	10 U	1 U	1 U	0.5 U	87	0.58 J	1 U	1 U	5 U	1 U	0.77 J	0.62 J	1 U	10	2 U	1 U
	Field Duplicate	03/28/2003	2 U	2 U	2 U	2 U	20 U	2 U	2 U	1 U	86	0.73 J	2 U	2 U	10 U	2 U	0.6 J	2 U	2 U	8.5	4 U	2 U
	Primary Sample	03/28/2003	2 U	2 U	2 U	0.7 J	20 U	2 U	2 U	1 U	86	0.75 J	2 U	2 U	10 U	2 U	2 U	2 U	2 U	8.7	4 U	2 U
	Primary Sample	03/22/2004	1 U	1 U	1 U	1.4	10 U	1 U	1 U	0.5 U	1 U	1 U	1 U	1 U	5 U	1 U	0.88 J	1 U	1 U	6.1	0.51 J	1 U
XMW-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
IRZB0081	Primary Sample	09/22/2005	100 U	100 U	100 U	33 J	1000 U	100 U	100 U	100 U	100 U	7600	100 U	100 U	500 U	100 U	100 U	100 U	100 U	36 J	200 U	100 U
IRZB0095	Primary Sample	09/22/2005	5 U	5 U	5 U	5 U	69	5 U	5 U	5 U	4.2 J	30	5 U	5 U	90	5 U	5 U	5 U	2.5 J	23	10 U	5 U
IRZCMW001	Primary Sample	09/22/2005	20 U	20 U	16 J	510	200 U	20 U	20 U	20 U	9.5 J	39	20 U	20 U	100 U	20 U	20 U	20 U	8.3 J	1500	40 U	20 U
IRZCMW002	Primary Sample	06/15/2005	50 U	50 U	50 U	32 J	500 U	50 U	36 J	50 U	50 U	4800	50 U	50 U	210 J	50 U	50 U	50 U	25 J	87	100 U	50 U
	Primary Sample	09/22/2005	100 U	100 U	100 U	100 U	1000 U	42 J	100 U	100 U	100 U	100 U	100 U	100 U	500 U	100 U	100 U	100 U	100 U	360	200 U	100 U
IRZCMW003	Primary Sample	09/22/2005	50 U	50 U	50 U	59	500 U	50 U	50 U	50 U	16 J	1700	50 U	50 U	250 U	50 U	50 U	50 U	50 U	3900	100 U	50 U
IRZMW001A	Primary Sample	09/21/2005	310 U	310 U	310 U	100 J	3100 U	310 U	310 U	310 U	310 U	100 J	310 U	310 U	1600 U	310 U	310 U	310 U	310 U	16000	620 U	310 U
IRZMW001B	Primary Sample	09/21/2005	17 U	17 U	17 U	16 J	170 U	17 U	17 U	17 U	17 U	13 J	17 U	17 U	83 U	17 U	17 U	17 U	17 U	1100	33 U	17 U
IRZMW002A	Primary Sample	09/21/2005	100 U	100 U	100 U	95 J	1000 U	100 U	100 U	100 U	100 U	5000	100 U	100 U	500 U	100 U	100 U	100 U	100 U	7300	200 U	100 U
IRZMW002B	Primary Sample	09/21/2005	10 U	10 U	10 U	5.1 J	100 U	10 U	10 U	10 U	10 U	38	10 U	10 U	50 U	10 U	10 U	10 U	10 U	410	20 U	10 U
IRZMW003A	Primary Sample	09/21/2005	420 U	420 U	420 U	420 U	4200 U	420 U	420 U	420 U	420 U	420 U	420 U	420 U	2100 U	420 U	420 U	420 U	420 U	24000	830 U	420 U
IRZMW003B	Primary Sample	09/21/2005	17 U	17 U	17 U	51	170 U	17 U	17 U	17 U	17 U	1000	17 U	17 U	83 U	17 U	17 U	17 U	17 U	1400	33 U	17 U
IRZMW004	Primary Sample	06/15/2005	120 U	120 U	120 U	110 J	1200 U	120 U	120 U	120 U	83 J	840	120 U	120 U	620 U	120 U	120 U	120 U	120 U	7100	250 U	120 U
	Primary Sample	09/21/2005	50 U	50 U	50 U	50	500 U	50 U	50 U	50 U	50 U	3500	50 U	50 U	250 U	50 U	50 U	50 U	50 U	470	100 U	50 U
IRZMW005	Primary Sample	09/22/2005	50 U	50 U	50 U	28 J	500 U	50 U	50 U	50 U	50 U	3400	50 U	50 U	250 U	50 U	50 U	50 U	50 U	340	100 U	50 U

BOE-C6-0105264

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
	06/15/05	0.17	-62.2		806	23.52
	09/22/05	0.08	-30.2	8.13	908	24.67
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
	06/15/05	0.6	-72.6		1427	24.08
	09/22/05	0.06	31.1	8.21	922	24.24
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
	09/22/05	0.06	23.9	7.29	202	23.64
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
	09/22/05	0.12	-110.6	7.65	4820	23.35

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
	09/22/05	0.29	-84	7.21	2730	23.4
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
	09/22/05	0.09	11.3	7.91	1337	23.07
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
	06/15/05	0.23	-285.4		2024	23.61
	09/22/05	0.06	-121.5	8.42	1674	22.86
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
	09/22/05	0.12	40	7.91	1001	23.12
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
	09/21/05	0.38	118.9	7.26	1994	23.73
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
	09/21/05	5.37	108.8	7.43	1346	23.79
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

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	10/12/04	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
	09/21/05	0.9	-20.6	6.97	1890	22.4
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
	09/21/05	0.42	52.4	6.94	1478	23.75
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
	09/21/05	0.4	86.2	7.41	1708	23.75
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
	09/21/05	0.53	81.6	7.4	1675	22.8
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
	06/15/05	1.27	-77.5		2578	25.35
	09/21/05	0.05	-110.6	8.1	1822	23.22
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
	09/22/05	0.11	-101.6	7.84	1953	24.03

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
MWB007	06/09/05	11.65	42	7.55	1461	22.97
	07/07/05	8.12	207	6.01	1360	23.17
	09/22/05	1.95	70	7.1	1620	22.22
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
	09/19/05	5.73	96	7.46	2020	23.45
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
	09/22/05	3.19	67	6.83	2640	23.14
MWB020	06/10/05	13.81	26.8	7.66	1655	22.74
	07/07/05	2.3	58	7.27	2290	24
	09/21/05	0.56	80	7.17	1780	22.87
MWC004	06/10/05	2.18	118	7.55	1099	23.42
	07/07/05	7.61	132	6.48	704	24.58
	09/21/05	0	-11	7.52	973	22.92
MWC007	06/09/05	4.84	31.8	7.8	852	23.13
	07/07/05	0.29		7.64	980	22.2
	09/19/05	0	-71	7.4	1110	25.69
MWC009	05/20/05	0.01	-21	7.53	782	23.02
	07/06/05	0.31	42	6.99	843	24.3
	09/21/05	0	20	7.38	927	22.77
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

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)
MWC016	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
	09/22/05	1.96	-139	7.35	878	22.61
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
	09/20/05	0	-215	7.37	8430	23.14
MWC022	06/10/05	13.26	6.3	7.8	989	23.93
	07/06/05	0	-79	6.91	1000	24.4
	09/22/05	0	-212	7.39	950	22.79
MWC023	06/10/05	4.71	142.3	7.45	1396	23.21
	07/06/05	7.9	177	6.33	889	23.62
	09/22/05	0	-234	7.11	1090	22.9
MWG001	05/20/05	-0.2	-166.4	7.8	627	24.17
	07/07/05	0	-163	7.75	849	24.2
	09/19/05	0	-157	7.54	706	23
MWG002	05/20/05	-0.01	-190.8	8.02	647	24.1
	07/07/05	7.44	-31	7.08	613	23.97
	09/19/05	0	-233	7.81	803	23.05
MWG003	09/21/05	0.08	-189	7.9	1050	23.17
MWG004	09/21/05	0.1	-210	7.96	737	23.24
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

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_05	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
	09/22/05	6.18	56	7.17	1620	23.16
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
	09/21/05	1.99	48	7.13	1790	23.39
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
	09/21/05	1.24	58	6.88	1840	23.56
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
	09/19/05	4.38	36	7.03	3120	24.74
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
	09/21/05	0	21	7.07	1270	23.18
WCC_03S	03/25/02	0.1	-182	6.61	2,860	23.9

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)
WCC_03S	03/27/03	4.99	-85	6.51	1,350	26.6
	03/24/04	0	-184	6.77	1,990	23.1
	09/19/05	4.3	-111	6.81	3760	23.47
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
	09/20/05	0	-178	6.89	1020	23.33
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
	09/19/05	3.8	-161	7	2020	23.82
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
	09/21/05	1.48	49	7.11	1100	22.67
WCC_12S	03/25/02	4.8	61	7.18	1,210	23.6
	09/21/05	1.8	45	7.14	1720	23.13
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
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-C6-0105272

Figures

RUBICON

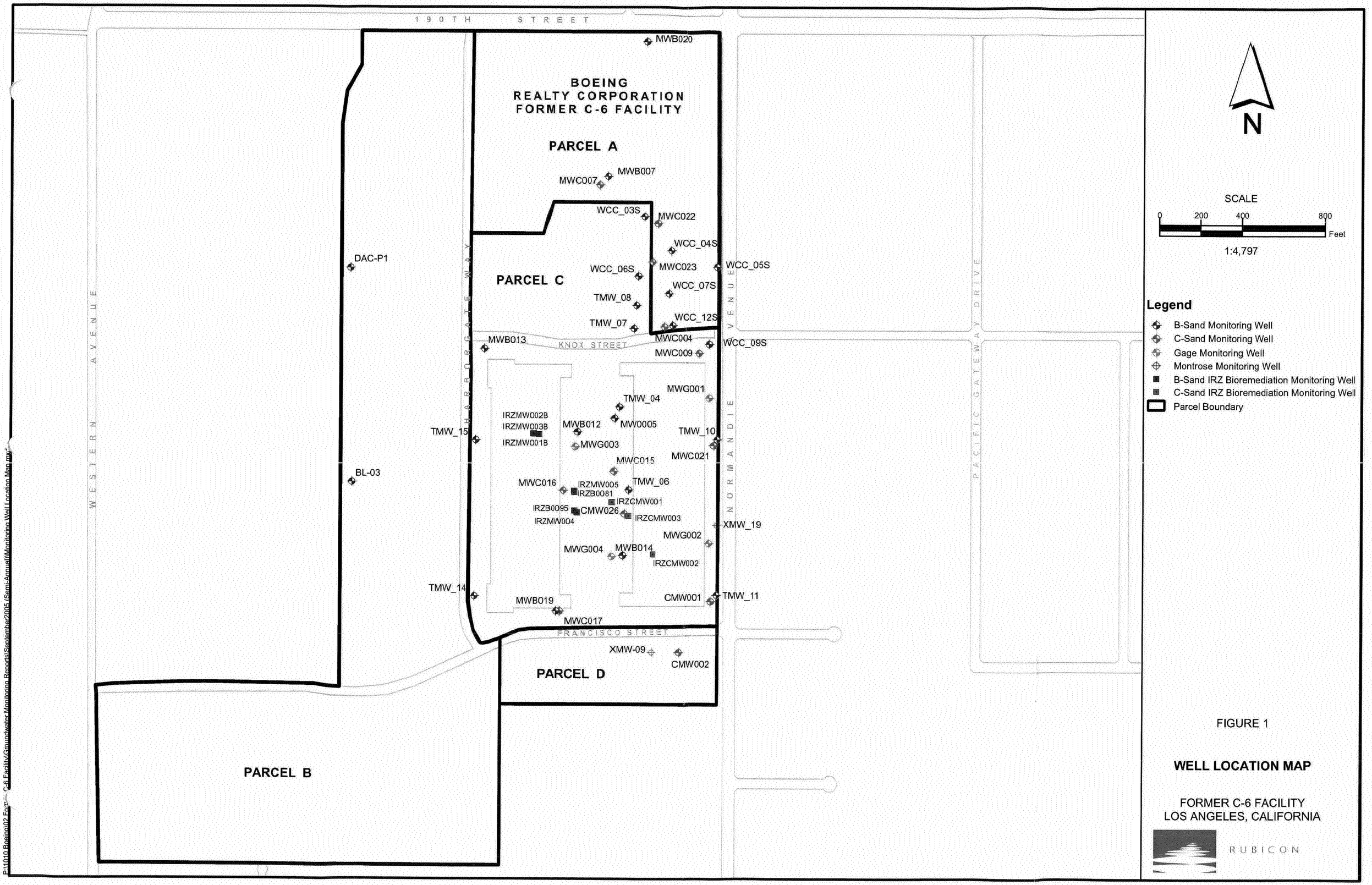

FIGURE 1

WELL LOCATION MAP

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

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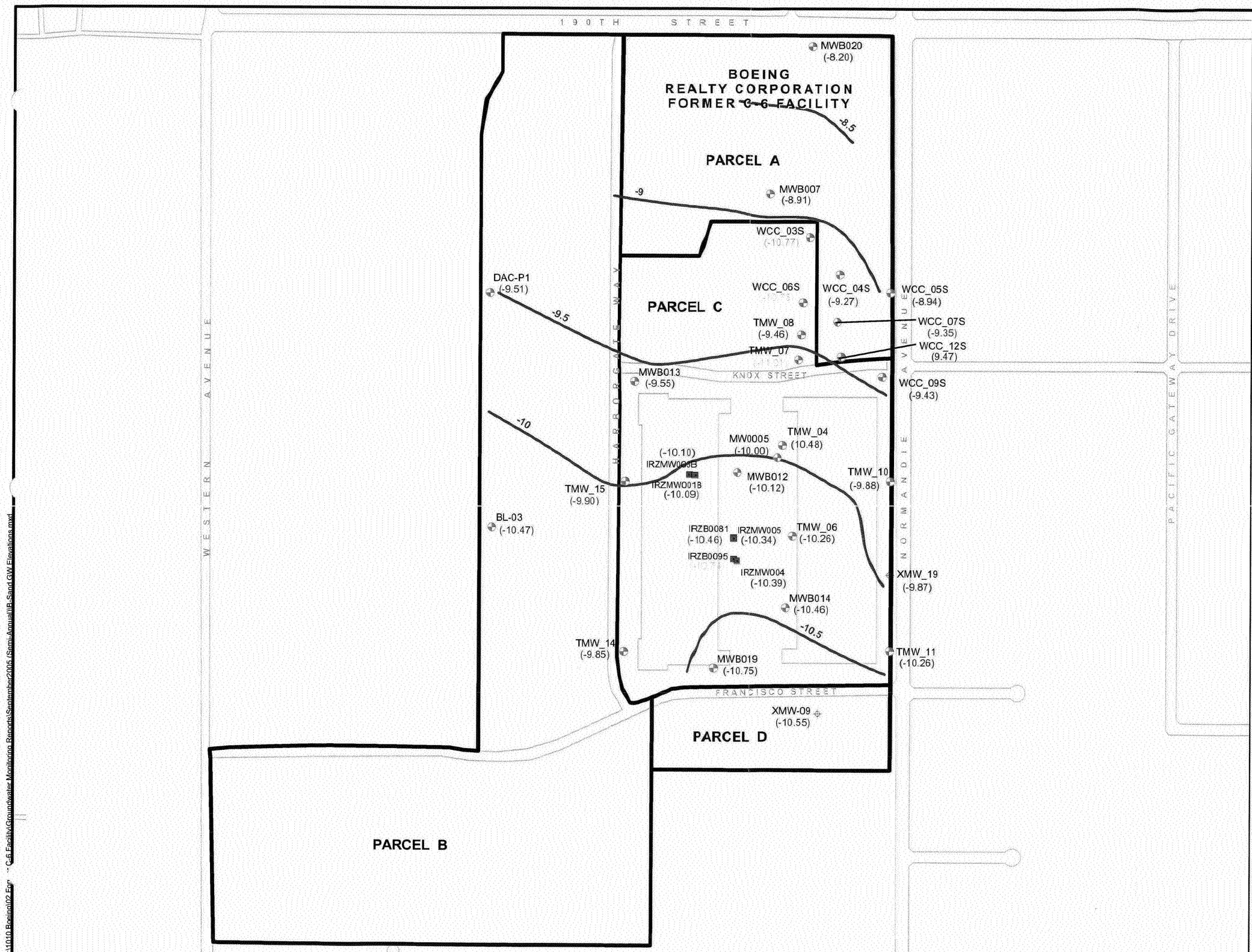

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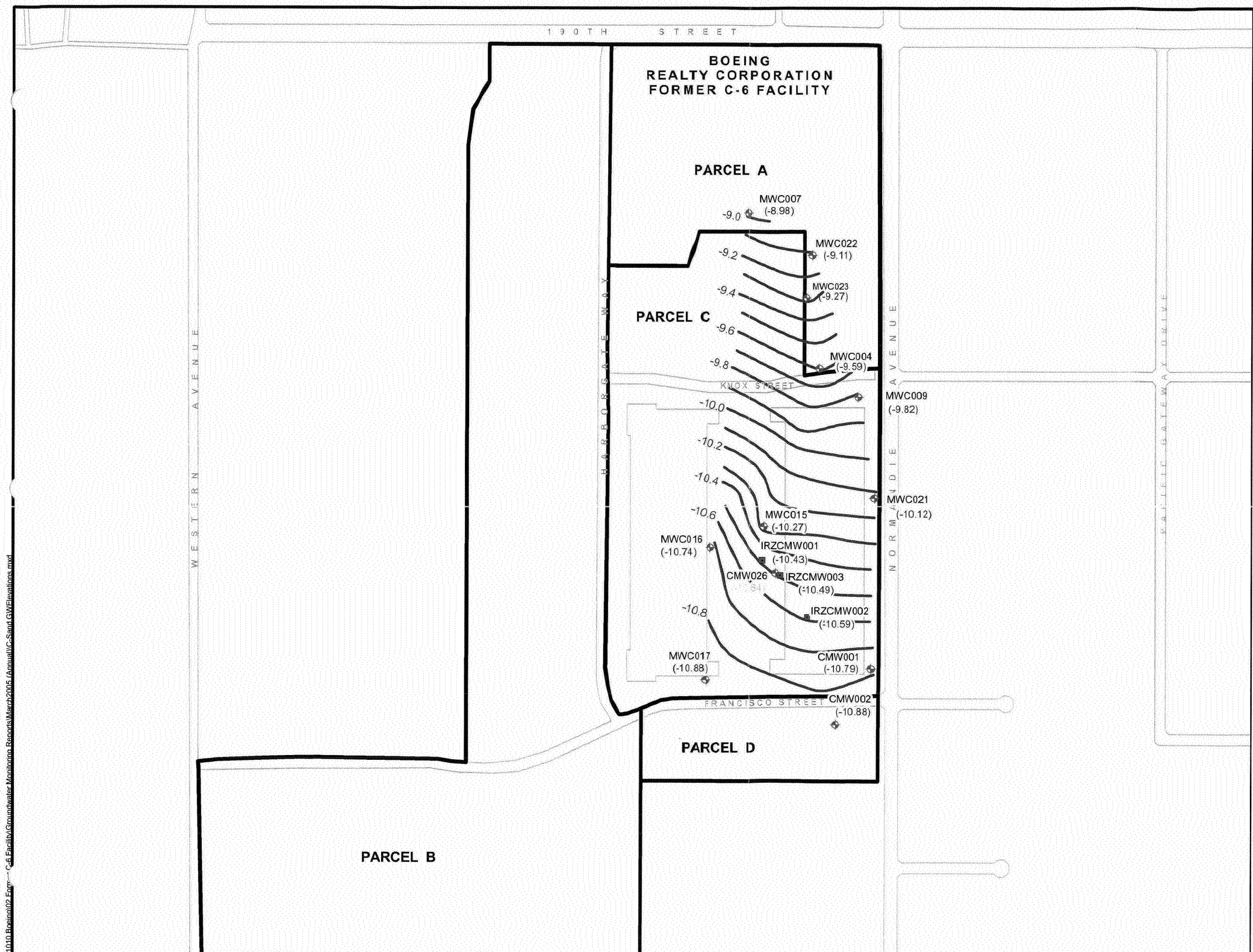

FIGURE 3

C-SAND GROUNDWATER ELEVATIONS SEPTEMBER 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

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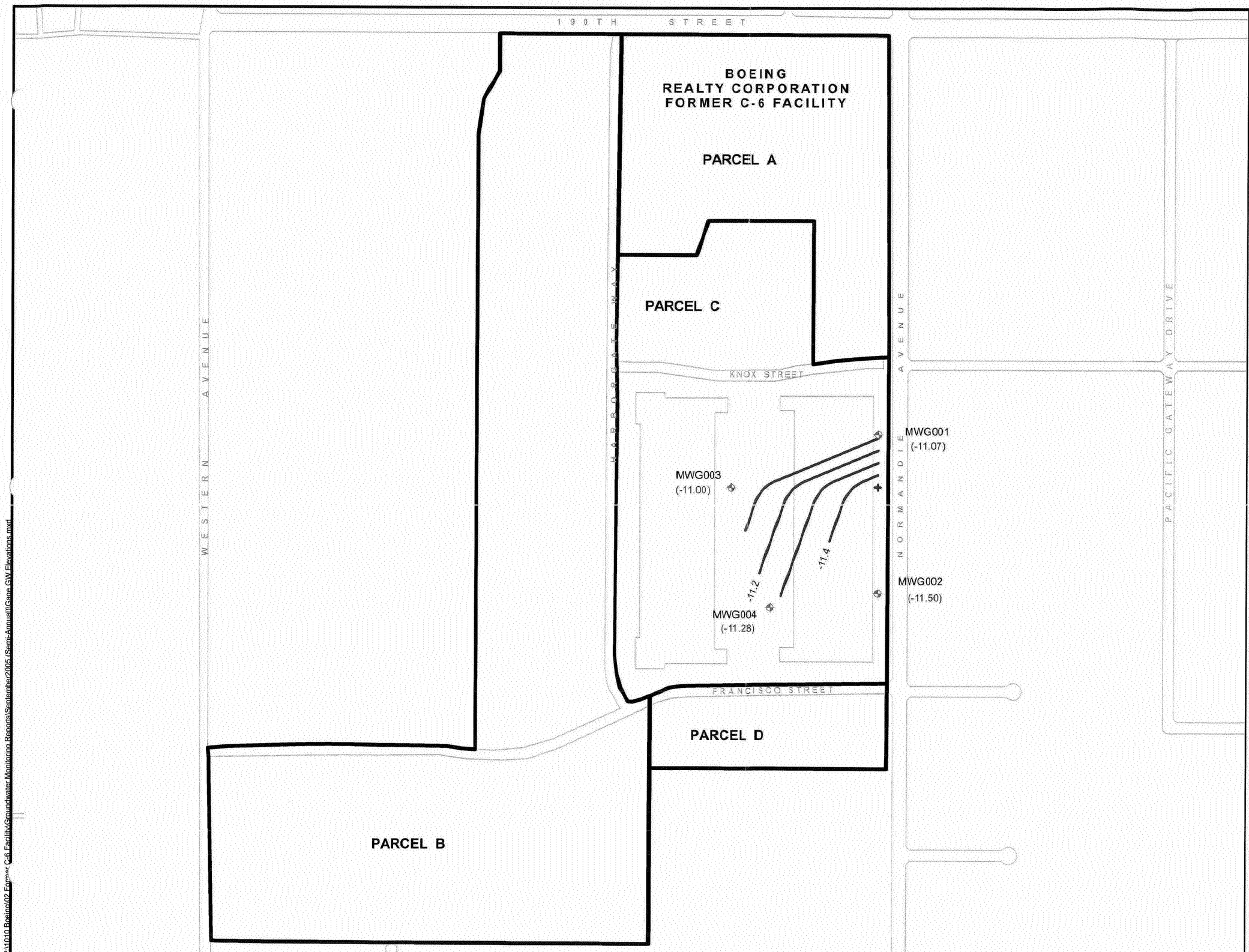

N

SCALE

0 200 400 800 Feet

1:4,800

Legend

- Gage Aquifer Groundwater Monitoring Well
- (-14.69) Groundwater elevation in feet MSL.
- Groundwater Contour
- Parcel Boundary

FIGURE 4

GAGE AQUIFER GROUNDWATER ELEVATIONS SEPTEMBER 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

RUBICON

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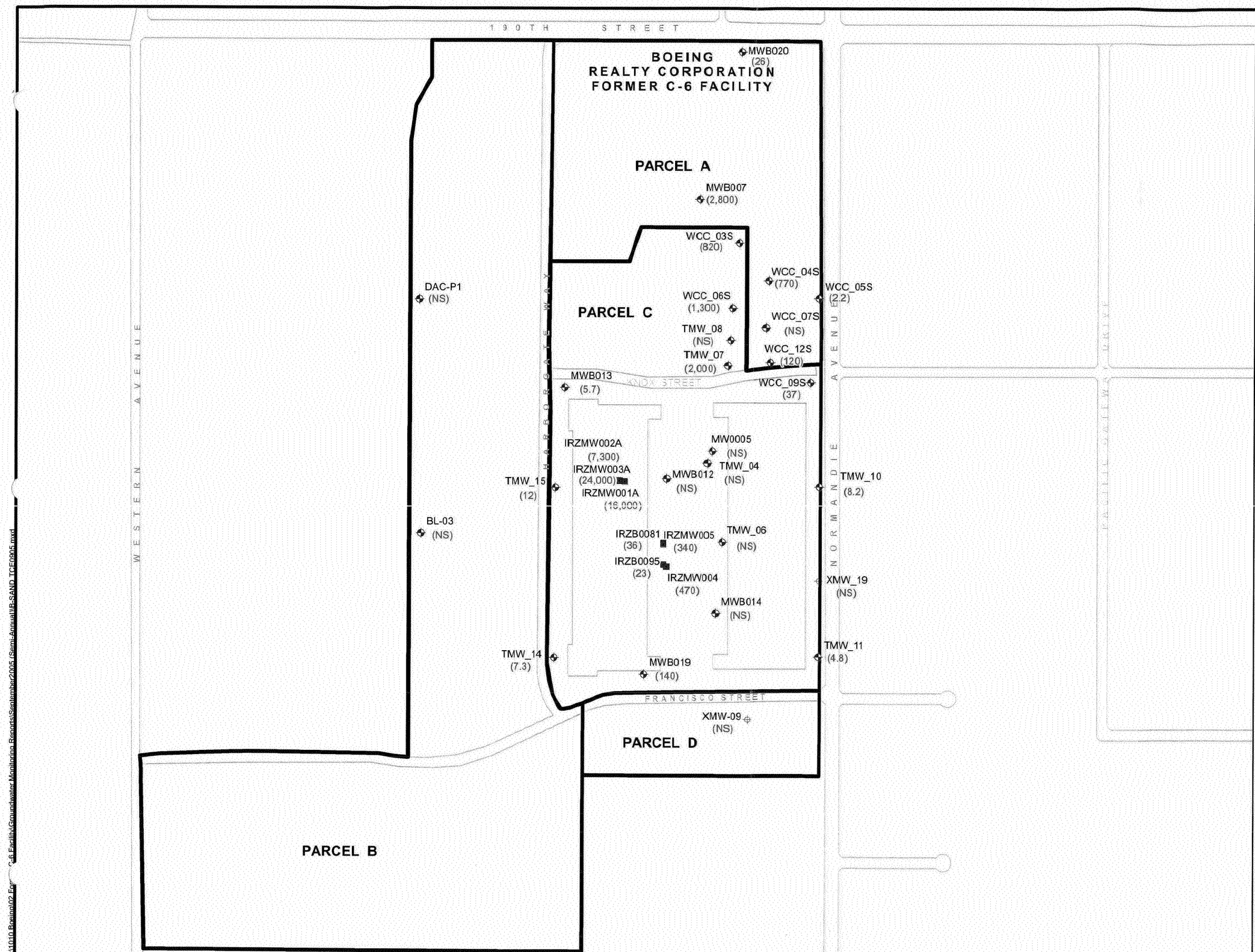

FIGURE 5

DISTRIBUTION OF TCE IN B-SAND GROUNDWATER SEPTEMBER 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

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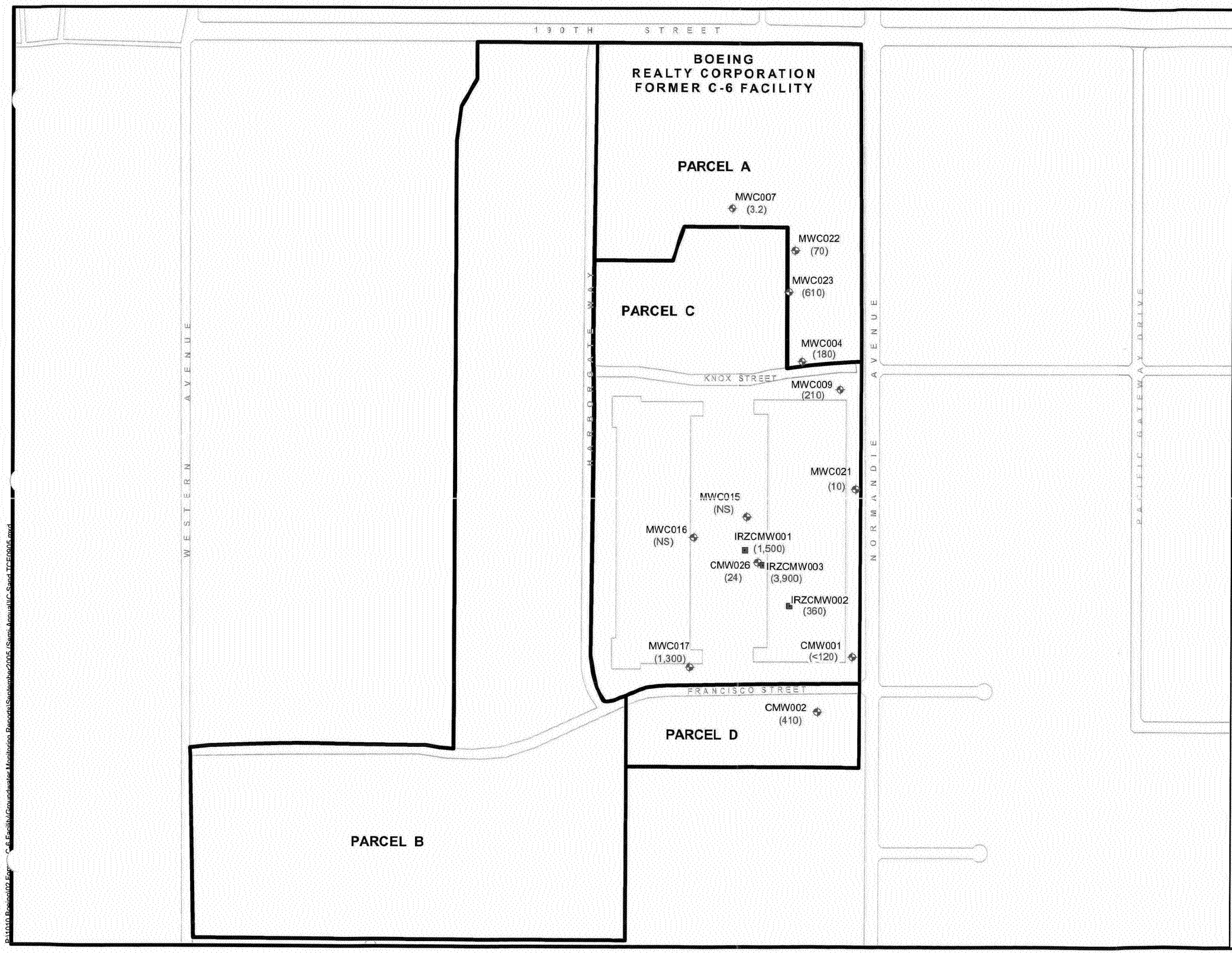

FIGURE 6

DISTRIBUTION OF TCE IN C-SAND GROUNDWATER SEPTEMBER 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

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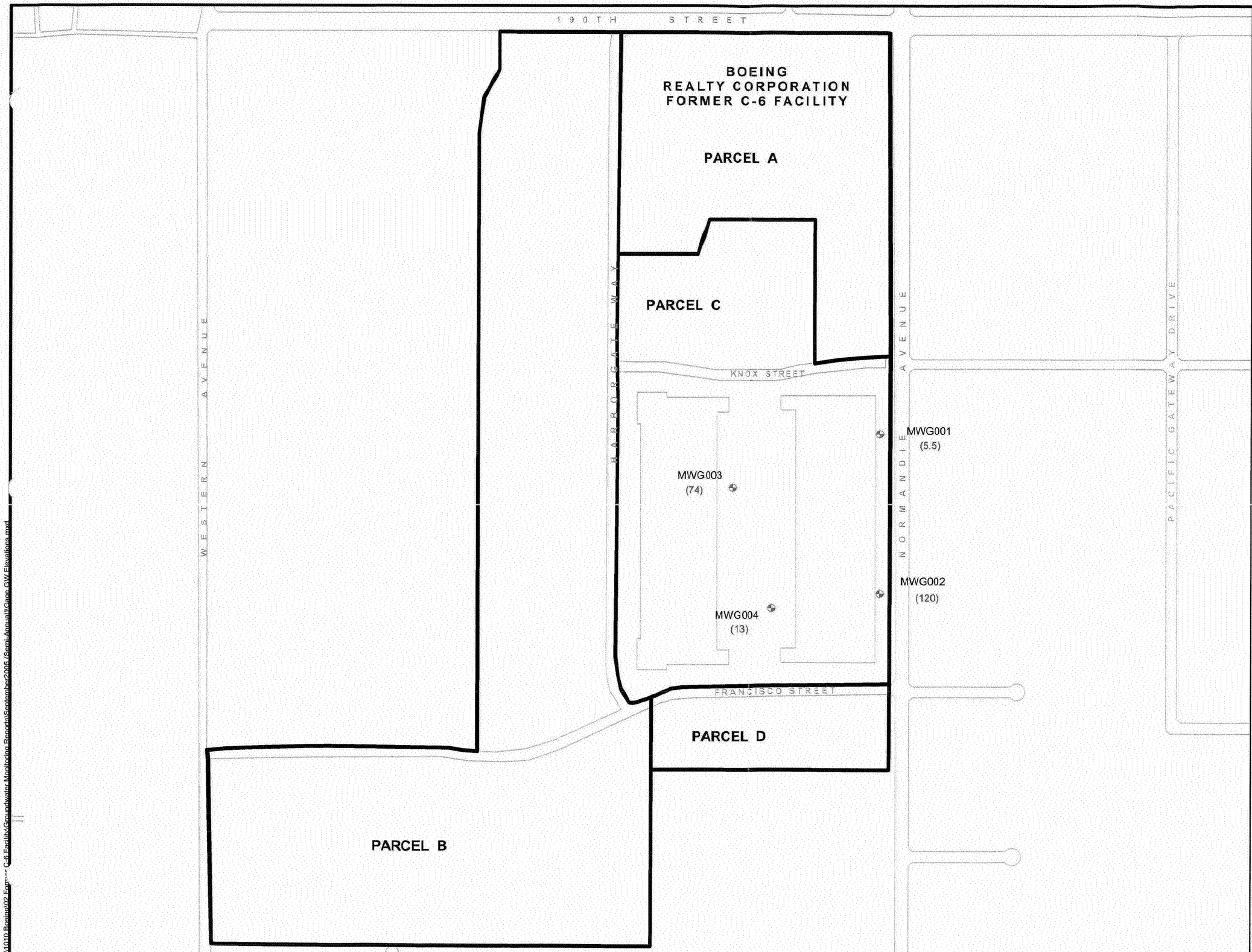

N

SCALE

0 200 400 800 Feet

1:4,800

Legend

Gage Aquifer Groundwater Monitoring Well

(-14.69) TCE concentration in ug/L.

Parcel Boundary

FIGURE 7

DISTRIBUTION OF TCE IN GAGE AQUIFER SEPTEMBER 2005

FORMER C-6 FACILITY
LOS ANGELES, CALIFORNIA

RUBICON

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BOE-C6-0105280

APPENDIX A

BOE-C6-0105281

Appendix A

Groundwater Monitoring and Sampling Procedures

RUBICON

1.0 GROUNDWATER MONITORING & SAMPLING PROCEDURES

1.1 WATER LEVEL MEASUREMENT

Static groundwater levels were measured in fourty-two (42) monitoring wells manually using an electronic water level indicator instrument (i.e. Solinst) on September 15, 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 September 19 and 22, 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

APPENDIX B

BOE-C6-0105287

TAIT Environmental Management, Inc.
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9/19/05

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
- [x] N/A Call ~~Earth Tech~~ Near Cal trailer inform about work area
- [ ] N/A Call for ~~drums~~ waste water transferred to Baker tank.
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO
- [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 HSA workplan. Also collect one decon rinse blank per day
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets (see above)

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DAYEND 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

9/19/05

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TAIT Environmental Management, Inc.
Environmental Engineering Compliance

9/20/05 9/21/05

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~~ waste water transferred to baker tank
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments – 4 rinses. 1 soap rinse, 2 tap water rinses, 1 DI rinse
- [x] Collect Equipment Blank per team, label and log in COC
  1 EB per days per HtA workplan, Also collect 1 decon rinse blank per day
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets (see above)

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- [x] Ensure there is enough supply for the next day

9/20&21/05

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9/22/05

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
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- [x] Ensure there is enough supply for the next day

9/22/05

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Tait Environmental Management, Inc.
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Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: September Sampling 2005 BRC Former C-6, Torrance	**Project #:** EM2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 9/16/05 – 9/20/05	**Time:** 800
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM

Site-Specific Health & Safety Meeting Topics:
Scope of Work (GW well gauging + sampling); Contaminants of Concern – VOCs
PPE (steel-toed shoes, safety vest, hard hat in high traffic areas);
Hospital Location, Incident Reporting Procedures.

ave 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
9/16/05	Nitya Chandran	TAIT	Nitya Chandra
	SAL YIN	TAIT	[illegible]
~~9/18/05~~ 9/19/05	Nitya Chandran	TAIT	Nitya Chandra
	SAEED HAIDER	TAIT	[illegible]
	SAL YIN	TAIT	[illegible]
9/20/05	Nitya Chandran	TAIT	Nitya Chandra
	SAEED HAIDER	TAIT	[illegible]
	SAL YIN	TAIT	[illegible]

Tait Environmental Management, Inc.
Engineering • Environmental • Compliance

Daily Tailgate Health & Safety Meeting
Agreement and Acknowledgement Sheet

Project Name: Sept. 2005 GW Sampling BRC C-6, Torrance	**Project #:** EM2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 9/21/05 – 9/22/05	**Time:** 830
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: Scope of Work, Contaminants (VOCs), PPE (steel toes, safety vest, hard hat in high traffic areas), Hospital location, Incident Reporting Procedures.	

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
9/21/05	Nitya Chandran	TAIT	Nitya Chandra
	SAL YIN	TAIT	[illegible]
9/22/05	Nitya Chandran	TAIT	Nitya Chandra
	SAL YIN	TAIT	[illegible]

Page __ of __

BOE-C6-0105295

Tait Environmental Management, Inc.

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BRC GW MONITORING DAILY FIELD REPORT

Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Project #:** EM 2303D	**Date:** 9/19/05
Personnel: NC/SY/SH	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per H+A sampling protocol, QA/QC samples collected per email from Rubicon.

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 #: _____
- [x] Other(s): Power 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 830
Set up decon station (1 soap, 2 tap water rinses, 1 DI rinse)
sampled decon water DB_TAIT091905_0001 at 900.
Calibrated instruments Horiba U-22 - OK, Solinist WL1
Decontaminated equipment.

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

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Project Name: ~~Sept. 2005 Sampling~~ BRC C-6 Torrance	Project #: EN2303D	Date: 9/19/05

~~SH Sam~~

Team sampled following wells.

WCC-6S at 1040

WCC-3S at 1200

→ collected rinsate blank after sampling WCC-3S.

TMW-14 at 1330

MWB013 at 1435

Went out of sampling order due to construction schedule. Concrete pouring set for Tues., access to WCC-6S & WCC-3S will be denied after that point, so team had to sample today. Team decontaminated equipment extensively after sampling the wells, and changed out decon water for the remainder of the day's sampling. Some of the turbidity readings seemed inconsistent with visual observations. Water looked clear, however Horiba seemed to read high.

MWG001 at 1230, collected field blank

MWG002 at 1327

MWC001 at 1510, collected duplicate sample.

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BRC GW MONITORING DAILY FIELD REPORT

Project Name: Sept 2005 Sampling BRC C-6 TORRANCE	**Project #:** EM 2303 D	**Date:** 9/20 + 9/21
Personnel: NC/SY/SH	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per H+A sampling protocol, QA/QC samples collected per email from Rubicon.

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 #: _____
- [ ] Company Truck License #: _____
- [x] Other(s): Power 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 onsite 9/20 Raining 10:00 AM
Rain let up a little and we began sampling.
Setup Decon Station (1 soap, 2 tap water, 1 DI Rinse)
~~Sampled Decon Water DB TAIT092105-0001 at~~
Calibrated Instruments. HORIBA U-22 - OK Solinst WL1 - Decontaminated Equip
Team Sampled following wells: MWC021 @ 11:25
WCC_5s @ 11:30
Discontinued Sampling due to weather.

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

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Project Name:	Project #:	Date:

Arrived Onsite 9/21 @ 7:00 Good weather
Setup Decon Station (1 soap, 2 tap water, 1 DI water)
Sampled Decon Water DB_TAIT092105_0001 @ 7:30
Calibrated Instruments HORIBA U-22, Solinst WL1

Team Sampled following wells:

TMW-15 @ 8:25, collected FB@ 820
TMW-10 @ 9:35
WCC-12s @ 10:35
WCC-9s @ 11:40
MWB020 @ 12:55 Duplicate aswell
TMW-11 @ 13:35
MWC009@ 14:35
MWC004 @ 15:25, collected EB at 1535

QA/QC samples may not correspond w/ Rubicon's list due to sampling schedule.
All purge water generated on-site was transferred to on-site Baker Tanks.
Samples picked up 9/21 at 1545.

Tait Environmental Management, Inc.

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BRC GW MONITORING DAILY FIELD REPORT

Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Project #:** EM 2303D	**Date:** 9/22/05
Personnel: NC/SY/SH	**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 & S10
- [x] Other(s): Power Inverter

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, decontaminated equipment.
Calibrated instruments - OK
Collected decon blank at 830.

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

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Project Name: Sept. 2005 Sampling BRCC-6 Torrance	Project #: EM2303D	Date: 9/22/05

Team sampled following wells:

MWC017 at 920, collected field blank at 900.
MWC022 at 1010
TMW-07 at 1055
MWB019 at 1140
MWB001 at 1240, collected rinsate blank at 1250
MWC023 at 1410

QA/QC samples may not correspond w/ list provided by Rubicon due to sampling schedule.

CMW001 & CMW002 samples collected in coordination w/ Arcadis, who was concurrently sampling on-site with TEM. Arcadis conducted micropurge sampling on both wells, removing ~7 gallons water from each well. TEM collected sample from CMW001 at 1325, and from CMW002 at 1500.

All purge water generated from sampling was transferred to Baker tanks located on Sunrider property south of Knox st.

Samples picked up at 1510.

1.0 GROUNDWATER MONITORING & SAMPLING PROCEDURES

1.1 WATER LEVEL MEASUREMENT

Static groundwater levels were measured in fourty-two (42) monitoring wells manually using an electronic water level indicator instrument (i.e. Solinst) on September 15, 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 September 19 and 22, 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

TAIT Environmental Management, Inc.
Environmental Engineering Compliance

9/19/05

START OF DAY CHECKLIST

- [x] Review Health and Safety plan and emergency procedures/field protocol
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  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)

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DAYEND 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

9/19/05

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9/20/05 9/21/05

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 d~~rums~~ waste water transferred to baker tank
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO
- [x] One temperature blank per cooler
- [x] Label Trip Blanks and log in COC
- [x] Decon Equipments – 4 rinses. 1 soap rinse, 2 tap water rinses, 1 DI rinse
- [x] Collect Equipment Blank per team, label and log in COC
  1 EB per day, per HtA workplan, Also collect 1 decon rinse blank per day
- [x] Decontamination buckets with soap ~~(3 buckets)~~ 4 buckets (see above)

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9/20&21/05

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9/22/05

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~~ waste water transferred to baker tanks
- [x] Combine bottles by sample analysis for all wells prior to beginning job
- [x] Calibrate Horiba with auto calibration and DO
- [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 1 Decon Rinse Blank per day
- [x] Decontamination buckets with soap (~~3 buckets~~)
  4 buckets (see above)

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9/22/05

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Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: ~~September Sampling 2005~~ BRC Former C-6, Torrance	**Project #:** EM2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 9/16/05 – 9/20/05	**Time:** 800
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM

Site-Specific Health & Safety Meeting Topics:
Scope of Work (GW well gauging + sampling); Contaminants of Concern – VOCs
PPE (steel-toed shoes, safety vest, hard hat in high traffic areas);
Hospital Location, Incident Reporting Procedures.

ave 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
9/16/05	Nitya Chandran	TAIT	Nitya Chandra
	SAL YIN	TAIT	[illegible]
~~9/18/05~~ 9/19/05	Nitya Chandran	TAIT	Nitya Chandra
	SAEED HAIDER	TAIT	[illegible]
	SAL YIN	TAIT	[illegible]
9/20/05	Nitya Chandran	TAIT	Nitya Chandra
	SAEED HAIDER	TAIT	[illegible]
	SAL YIN	TAIT	[illegible]

Tait Environmental Management, Inc.
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Daily Tailgate Health & Safety Meeting Agreement and Acknowledgement Sheet

Project Name: Sept. 2005 GW Sampling BRC C-6, Torrance	**Project #:** EM2303D
Site/Area Location/Well ID: ALL	
Date(s) Work Performed: 9/21/05 – 9/22/05	**Time:** 830
Name Of Person Giving Tailgate **Print Name:** Nitya Chandran **Signature:** Nitya Chandra	**Affiliation:** TEM
Site-Specific Health & Safety Meeting Topics: Scope of Work, Contaminants (VOCs), PPE (steel toes, safety vest, hard hat in high traffic areas), Hospital location, Incident Reporting Procedures.	

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
9/21/05	Nitya Chandran	TAIT	Nitya Chandra
	SAL YIN	TAIT	[illegible]
9/22/05	Nitya Chandran	TAIT	Nitya Chandra
	SAL YIN	TAIT	[illegible]

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BRC GW MONITORING DAILY FIELD REPORT

Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Project #:** EM 2303D	**Date:** 9/19/05
Personnel: NC/SY/SH	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per H+A sampling protocol, QA/QC samples collected per email from Rubicon.

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 #: _____
- [x] Other(s): Power 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 830
Set up decon station (1 soap, 2 tap water rinses, 1 DI rinse)
sampled decon water DB_TAIT091905_0001 at 900.
Calibrated instruments Horiba U-22 - OK, Solinist WL1
Decontaminated equipment.

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

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Project Name: ~~Sept. 2005 Sampling~~ BRC C-6 Torrance	Project #: EN2303D	Date: 9/19/05

~~SH Sam~~

Team sampled following wells.

WCC-6S at 1040

WCC-3S at 1200

→ collected rinsate blank after sampling WCC-3S.

TMW-14 at 1330

MWB013 at 1435

Went out of sampling order due to construction schedule. Concrete pouring set for Tues., access to WCC-6S & WCC-3S will be denied after that point, so team had to sample today.

Team decontaminated equipment extensively after sampling the wells, and changed out decon water for the remainder of the day's sampling.

Some of the turbidity readings seemed inconsistent with visual observations. Water looked clear, however Horiba seemed to read high.

MWG001 at 1230, collected field blank

MWG002 at 1327

MWC001 at 1510, collected duplicate sample.

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BRC GW MONITORING DAILY FIELD REPORT

Project Name: Sept 2005 Sampling BRC C-6 TORRANCE	**Project #:** AM 2303 D	**Date:** 9/20 + 9/21
Personnel: NC/SY/SH	**Sub Contractors:** NA	

Task: GROUND WATER SAMPLING, per H + A sampling protocol, QA/QC samples collected per email from Rubicon.

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 #: _____
- [ ] Company Truck License #: _____
- [x] Other(s): Power 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 onsite 9/20 Raining 10:00 AM
Rain let up a little and we began sampling.
Setup Decon Station (1 soap, 2 tap water, 1 DI Rinse)
~~Sampled Decon Water DB TAIT092105.0001 at~~
Calibrated Instruments. HORIBA U-22 - OK Solinst WL1 - Decontaminated Equip
Team Sampled following wells: MWC021 @ 11:25
WCC_5s @ 11:30
Discontinued Sampling due to weather.

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

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Project Name:	Project #:	Date:

Arrived Onsite 9/21 @ 7:00 Good weather
Setup Decon Station (1 soap, 2 tap water, 1 DI water)
Sampled Decon Water DB_TAIT092105_0001 @ 7:30
Calibrated Instruments HORIBA U-22, Solinst WL1

Team Sampled following wells:
TMW-15 @ 8:25, collected FB @ 820
TMW-10 @ 9:35
WCC-12s @ 10:35
WCC-9s @ 11:40
MWB020 @ 12:55 Duplicate as well
TMW-11 @ 13:35
MWC009 @ 14:35
MWC004 @ 15:25, collected EB at 1535

QA/QC samples may not correspond w/ Rubicon's list due to sampling schedule.
All purge water generated on-site was transferred to on-site Baker Tanks.
Samples picked up 9/21 at 1545.

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BRC GW MONITORING DAILY FIELD REPORT

Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Project #:** EM 2303D	**Date:** 9/22/05
Personnel: NC/SY/SH	**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 & S10
- [x] Other(s): Power Inverter

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, decontaminated equipment.
Calibrated instruments - OK
Collected decon blank at 830.

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

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Project Name: Sept. 2005 Sampling BRCC-6 Torrance	Project #: EM2303D	Date: 9/22/05

Team sampled following wells:

MWC017 at 920, collected field blank at 900.
MWC022 at 1010
TMW-07 at 1055
MWB019 at 1140
MWB001 at 1240, collected rinsate blank at 1250
MWC023 at 1410

QA/QC samples may not correspond w/ list provided by Rubicon due to samplings
CMW001 & CMW002 samples collected in coordination w/ Arcadis, who was concurrently sampling on-site with TEM. Arcadis conducted micropurge sampling on both wells, removing ~7 gallons water from each well. TEM collected sample from CMW001 at 1325, and from CMW002 at 1500.

All purge water generated from sampling was transferred to Baker tanks located on Sunrider property south of Knox St.
Samples picked up at 1510.

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Instrument Calibration Sheet

Project Name: Torrance Sept 2005	**Project #:** EM2303

Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
9/19	9:00	solinst	Rental	Steel Tape	29.95	30	—	NC/SH
		HORIBA U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	NC/SH
		Solinst		Steel Tape	29.95	30	—	SY
		HORIBA-U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	SY
9/20-9/21	7:30	HORIBA U-22	Rental	AutoCal Sol'n +DO zero	—	—	OK	NC
		HORIBA U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	SY
		Solinst		Steel Tape	29.95	30	—	NC
		Solinst	↓	Steel Tape	"	"	—	SY
9/22	8:30	HORIBA U-22	Rental	AutoCal Sol'n +DO zero	—	—	OK	NC/SY
		HORIBA U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	NC/SY
		Solinst Steel Tape		Steel Tape	29.95	30	—	NC/SY
		Solinst Steel Tape	↓	Steel Tape	"	"	—	NC/SY

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QA/QA Sample Identification Form

Project Name: September 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
9/19/05	—	Trip Blank	TB_TAIT091905_0001	—	—	8260B	Lab DI	STL	
	900	Decon Blank	DB_TAIT091905_0001	—	—	8260B	Lab DI	NC	
	1225	(Rinsate) Equipment Blank	EB_TAIT091905_0001	WCC_3S	—	8260B	Lab DI	NC	
	1200	Field Blank	FB_TAIT091905_0001	MWG001	—	8260B	Lab DI	SY	
	1510	Duplicate	MWC007_WG091905_0002	MWC007	MWC007_WG091905_0001	8260B	—	SY	
9/20 9/21	—	Trip Blank	TB_TAIT092105_0001	—	—	8260B	LAB DI	STL	
	7:30	Decon Blank	DB_TAIT092105_0001	—	—	8260B	↓	NC	
	8:20	Field Blank	FB_TAIT092105_0001	TMW_15	—	8260B	↓	NC	
	15:35	(RINSATE) Equipment Blank	EB_TAIT092105_0001	MWC004	—	8260B	↓	SY	
	12:55	Duplicate	MWB020_WG092105_0002	MWB020 ~~MWC004~~	MWB020_WG092105_0001	8260B	—	SY	
9/22	—	TRIP BLANK	TB_TAIT092205_0001	—	—	8260B	LAB DI	STL	
	8:30	Decon Blank	DB_TAIT092205_0001	—	—	↓	↓	NC/SY	
	9:00	Field Blank	FB_TAIT092205_0001	MWC017	—	↓	↓	NC/SY	
	12:50	(RINSATE) EQUIPMENT BLANK	EB_TAIT092205_0001	MWB007	—	↓	↓	NC/SY	
		~~Duplicate~~							

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ENTERED

Well Gauging Data Sheet

Site Name: BRC C-6 Torrance

Well ID	Date	Time	PID (ppm)	Diameter (in)	Measurement Point	Depth to LNAPL (ft-bmp)	Depth to Water (ft-bmp)	~~LNAPL Thickness~~ 2nd WL Reading (ft)	Total Depth (ft bmp)	Personnel	Comments
MWB012	9/15/05	955	NM	4	TOC-Mark	NM	62.55	62.55	84.11	NC/SJ	semi-soft
MWB014		1005		4	TOC-Mark		62.15	62.15	84.26		semi-hard
XMW-09		1015		4	TOC-North		63.71	63.71	76.50		soft; diff. to gauge TD
XMW-19		1020		4	TOC-North		59.25	659.25	76.82		soft;
MWC023		1030		4	TOC-North		60.70	60.70	115.25		soft
30 WCC-4S		1040		4	TOC-North		61.50	61.50	89.80		soft.
MWC022		1045		4	TOC-Mark		60.71	60.71	115.75		semi-soft.
MWB007		1050		4	TOC-Mark		60.30	60.30	89.86		soft
MWC007		1055		4	TOC-Mark		60.55	60.55	117.80		soft
MWB020		1100		4	TOC-North		59.27	59.27	89.60		semi-soft
WCC-12S		1120		4	TOC-North		60.79	60.79	91.06		soft, dirt down well, observed on WLI probe
MWC004		1125		4	TOC-Mark		61.45	61.45	113.85		soft
WCC-7S		1130		4	TOC-Mark		61.56	861.56	89.75		soft
WCC-5S		1140		4	TOC-North		61.76	61.76	91.50		soft
WCC-6S		1245		4	TOC-North		62.06	62.06	84.55		soft; new well box is being set, site under const.
WCC-3S		1300		4	TOC-North		61.89	61.89	87.95		soft;
18 TMW-07		1330		2	TOC-North		65.98	65.98	84.94		soft; extended casing?
TMW-08		1335		2	TOC-North		63.45	63.45	79.95		soft, new well box, casing may have been cut

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BOE-C6-0105322

Well Gauging Data Sheet

Site Name: Boeing C-6 Torrance

Well ID	Date	Time	PID (ppm)	Diameter (in)	Measurement Point	Depth to LNAPL (ft-bmp)	Depth to Water (ft-bmp)	~~LNAPL Thickness (ft)~~ 2nd Water Reading	Total Depth (ft bmp)	Personnel	Comments
MWB013	9/15/05	742	NM	4	TOC-North	NM	64.88	~~84.85~~ 64.88	84.85	NC/SY	Soft bottom
MWC017		755		4	TOC-Mark		66.04	66.04	124.75		Soft, missing bolt
MWB019		800		4	TOC-Mark		65.93	65.93	84.82		soft
CMW001		805		4	TOC-Mark		65.16	65.16	124.10		Soft
TMW-11		810		2	TOC-Mark		60.11	60.11	76.59		very soft
MWG002		815		2	TOC-North		66.28	66.28	191.85		soft
MWC021		820		4	TOC-Mark		64.65	64.65	121.60		Soft
TMW-10		825		2	TOC-~~Mark~~ North NC		59.80	59.80	77.65		Soft, no bolts.
MWG001		830		2	TOC-Mark		65.20	65.20	185.90		Soft
10 MWC009		835		4	TOC-North		63.81	63.81	119.50		Soft
WCC-9S		840		4	TOC-North		66.82	66.82	96.00		Soft, monument casing, no well box
TMW-14		845		2"	TOC-Mark		68.76	68.76	85.15		Soft; in well box, no longer monument casing
TMW-15		850		2	TOC-Mark		67.55	67.55	86.62		Soft, no lid on monument casing, well has cap
DAC-P1		855		4	TOC-Mark		64.64	64.64	90.33		Soft;
BL-03		900		2	TOC-North		69.13	69.13	80.15		Soft, well box repaired, adds ~2-3 in. to casing
CMW002		910		4	TOC-Mark		63.69	63.69	124.00		Semi-hard
TMW-04		915		2	TOC-Mark		61.37	61.37	76.80		Semi-hard
MWB005		920		4	TOC-~~North~~ Mark		62.10	62.10	87.60		Soft;
MWC015		925		4	TOC-Mark		61.78	61.78	120.15		Semi-soft
20 TMW-06		930		2	TOC-North		61.98	61.98	78.50		soft
CMW026		935		4	TOC-North		62.00	62.00	117.90		Soft
MWG004		940		2 ~~4~~ NC	TOC-North		63.33	63.33	184.50		Soft; diff. to gauge TD due to depth
MWC016		945		4	TOC-North		63.28	63.28	128.00		very soft.
MWG003		950		2	TOC-North		64.08	64.08	184.80		Soft; diff. to gauge TD due to depth.

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BOE-C6-0105323

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling - C.6 Torrance	**Date:** 9/19/05
Project No.: EM 2303D	**Prepared By:** NC
Well Identification: WCC - 06S	**Weather:** overcast, ~65°F
Measurement Point Description: Toc - Northside	**Pump Intake:** ~ 75 — **Screen:** ~~67-87~~ 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
---	62.01	84.55	22.54	–	14.65	43.9	12.27	..	–	

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; in ~~demo~~ const. area, had to sample well due to concrete pour

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
1001	0.5	8	1.0	65.10	6.87	23.78	0.0	2.02	1.99	-143	clear, odorless
1008	1.0	15	1.0	65.30	6.93	23.65	125	2.12	3.12	-156	clear, odorless
1016	1.5	23	1.0	65.57	6.96	23.59	79.6	2.20	3.54	-159	clear, odorless
1023	2.0	30	1.0	65.66	6.98	23.64	41.8	2.20	3.71	-161	clear, odorless
1030	2.5	37	1.0	65.70	6.99	23.69	40.6	2.22	3.74	-161	clear, odorless
1037	3.0	44	1.0	65.70	7.00	23.82	33.8	2.21	3.80	-161	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
953	1037	1.0	44	3	66.51	65.70	1040	WCC-6S-WG091905-0001

Notes:

BOE-C6-0105324

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling - BRC C-6	**Date:** 9/19/05
Project No.: EM 2803D	**Prepared By:** NC/SH
Well Identification: WCC-3S	**Weather:** sunny, ~70°F
Measurement Point Description: TOC - North	**Pump Intake:** ~79
	Screen: 69-89

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 7.12 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	61.88	87.95	26.07	---	—	—	—	= 4.6 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: muddy area, 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
1127	ABOVE	5	1.25	62.20	6.71	23.45	186	4.69	3.01	-89	clear, odorless
1133	0.5	11.5	1.08	62.25	6.73	23.46	150	4.76	4.42	-97	clear, odorless
1140	1.0	18	0.92	62.27	6.75	23.44	77	5.19	4.6	-102	" "
1144	1.5	24.5	1.6	62.27	6.77	23.44	90.2	5.06	4.60	-105	" "
1148	2.0	31	1.6	62.27	6.80	23.44	68.6	4.48	4.6	-107	" "
1152	2.5	37.5	1.6	62.27	6.81	23.47	58.4	4.0	4.40	-109	" "
1154	3.0	44	1.6	62.27	6.81	23.47	60.0	3.76	4.30	-111	" "

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
1123	1154	1.5	44	(ABOVE 3 SCREENS)	67.09	62.27	1200	WCC-3S-WG091905-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105325

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling – C-6 Torrance	**Date:** 9/19/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: TMW-14	**Weather:** sunny, breeze, ~75°F
Measurement Point Description: TOC – North	**Pump Intake:** ~75 **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
---	69.57	85.15	15.58	---	2.5	7.5	1.25	—	—	—

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

Field Equipment: Solinst, Horiba, 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/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1317	0.5	1.25	0.3	~~68.8~~ 69.8	7.04	24.51	250	3.10	4.28	-3	clouds.
1320	1.0	2.5	0.4	69.55	7.03	24.68	183	3.12	4.25	+9	cloudy
1322	1.5	3.75	0.6	69.60	7.03	24.71	130	3.14	4.30	+19	clear
1324	2.0	5.0	0.6	69.82	7.03	24.74	114	3.11	4.34	+25	clear
1326	2.5	6.25	0.6	69.80	7.04	24.75	96.0	3.11	4.36	+30	clear
1328	3.0	7.5	0.6	69.75	7.03	24.74	86.3	3.12	4.38	+36	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
1313	1328	0.5	9	3+	72.69	69.75	1330	TMW-14-WG091905_0001

Notes:

ft-bmp = foot below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/19/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: MWB013	**Weather:** Sunny, breeze, ~75°F
Measurement Point Description: TOC – North	**Pump Intake:** ~75' **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
---	64.79	84.85	20.06	---	13	39	6.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good;

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity* (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1407	0.5	6.5	1.3	65.70	7.41	23.38	188	2.02	5.70	+96	clear
1412	1.0	13	1.3	65.74	7.43	23.41	185	2.01	5.60	+88	clear
1417	1.5	19.5	1.3	65.75	7.44	23.44	156	1.99	5.68	+89	clear
1422	2.0	26	1.3	65.75	7.45	23.46	125	2.00	5.69	+92	clear
1427	2.5	32.5	1.3	65.75	7.46	23.47	160	2.01	5.66	+94	clear
1432	3.0	39	1.3		7.46	23.45	102	2.02	5.73	+96	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1402	1432	1.3	39	3	68.80	65.75	1435	MWB013-WG091905_0001

Notes: * Turbidity readings not consistent w/ visual observation. Water is clear.

ft-bmp = feet below measuring point

BOE-C6-0105327

TAIT Environmental Management, Inc mH 10/04

Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE	**Date:** 9/19/05
Project No.: EM 2303	**Prepared By:** SY
Well Identification: MWG001	**Weather:** OVERCAST ~72°
Measurement Point Description: TOC MARK	**Pump Intake:** ~75 **Screen:** 156-186

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	65.20/65.20	185.9	120.7	---	—	—	—	14.5	4.8	2.4

	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/m	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:50	Above	14.5	0.5	66.45	7.36	23.12	Φ	71.4	Φ	-201	Clear/No odor
11:55	0.5	16.9	0.3	66.44	7.49	23.11	Φ	74.1	Φ	-193	" "
12:01	1.0	19.3	0.4	66.45	7.52	23.13	Φ	74.5	Φ	-195	" "
12:07	1.5	21.7	0.4	66.43	7.50	23.02	Φ	70.4	Φ	-185	" "
12:13	2.0	24.1	0.4	66.43	7.52	22.97	Φ	70.4	Φ	-185	" "
12:19	2.5	26.5	0.4	66.42	7.55	22.97	Φ	70.6	Φ	-154	" "
12:26	3.0	28.9	0.4	66.42	7.54	23.00	Φ	70.6	Φ	-157	" "

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
11:40	12:26	0.4	28.9	1 Above 3 Screen	89.3	~~12:30~~ 66.10 CY	12:30	MWG001_WG091905_0001

Notes:

(1) FIELD BLANK

BOE-C6-0105328

feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: C-6 TORRANCE	**Date:** 9/19/05
Project No.: EM 2303	**Prepared By:** SY
Well Identification: MWG002	**Weather:** SUNNY
Measurement Point Description: TOC NORTH	**Pump Intake:** ~70 — **Screen:** 162-192

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp) 1	2	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
---	66.25	66.25	191.85	125.7	---	—	—	—	15.32	4.8	2.4

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 (~~mS/cm~~ mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:04	Above	15.3	0.5	67.48	7.67	23.06	Ø	90.1	Ø	-260	Clear / No odor
13:07	0.5	17.7	0.8	67.50	7.73	23.04	Ø	87.6	Ø	-265	" " "
13:10	1.0	20.0	0.8	67.50	7.75	23.05	Ø	86.7	Ø	-257	" " "
13:13	1.5	22.4	0.8	67.52	7.78	23.04	Ø	84.0	Ø	-248	" " "
13:16	2.0	24.8	0.8	67.49	7.80	23.04	Ø	82.5	Ø	-239	" " "
13:19	2.5	27.2	0.8	67.50	7.81	23.06	Ø	81.7	Ø	-236	" " "
13:22	3.0	29.6	0.8		7.81	23.05	Ø	80.3	Ø	-233	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:55	13:22	0.8	29.6	1 Above 3 Screen	91.30	67.10	13:27	MWG002-WG091905-0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: C-6 TORRANCE	**Date:** 9/19/05
Project No.: EM 2303	**Prepared By:** SY
Well Identification: MWC007	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~70 — **Screen:** 97-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	60.46/60.46	117.8	57.34	---	—	—	—	23.75	13.0	6.5

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

Field Equipment: Solinst, Horiba

Purge Method: Grundfos 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
14:32	Above	23.8	1.4	61.30	7.30	25.20	Ø	0.102	Ø	-55	clear/No odor
14:38	0.5	30.0	1.1	61.29	7.32	25.48	Ø	0.103	Ø	-61	" " "
14:43	1.0	36.5	0.9	61.31	7.31	25.75	Ø	0.104	Ø	-69	" " "
14:51	1.5	43.0	1.1	61.33	7.37	25.69	Ø	0.111	Ø	-70	" " "
14:56	2.0	49.5	1.3	61.31	7.39	25.70	Ø	0.113	Ø	-68	" " "
15:01	2.5	56.0	1.3	61.32	7.40	25.68	Ø	0.112	Ø	-68	" " "
15:06	3.0	62.5	1.3	61.33	7.40	25.69	Ø	0.111	Ø	-71	" " "

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
14:15	15:06	1.2	62.5	1 Above 3 screen	72.Ø	61.00	15:10	MWC007_WG091905_0001

Notes: MWC007_WG091905_0002

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling - BRC C-6	**Date:** 9/20/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: MWC021	**Weather:** raining
Measurement Point Description: TOC - Mark	**Pump Intake:** ~0 — **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 32.32 ft	Screen Volume (Screen length x D) 25 ft	½ screen Volume
---	64.68	121.60	56.92	--	—	—	—	= 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, 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
1052	ABOVE	21	1.4	65.28	7.30	23.05	0.0	8.80	0.00	-219	clear
1057	0.5	29	1.4	65.28	7.33	23.06	0.0	8.30	0.00	-217	clear
1102	1.0	37	1.4	65.28	7.33	23.07	0.0	7.59	0.00	-216	clear
1107	1.5	45	1.4	65.28	7.36	23.09	0.0	8.39	0.00	-215	clear
1112	2.0	53	1.4	65.28	7.31	23.11	0.0	8.45	0.00	-221	clear
1117	2.5	61	1.4	65.28	7.35	23.16	0.0	8.32	0.00	-217	clear
1122	3.0	69	1.4	65.28	7.37	23.14	0.0	8.43	0.00	-215	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
1038	1122	1.4	69	1 ABOVE 3 SCREENS	76.06	65.28	1125	MWC021_WG092005_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE		**Date:** 9/20/05	
Project No.: EM 22303		**Prepared By:** SY	
Well Identification: WCC-5S		**Weather:** Raining	
Measurement Point Description: TOC MARK		**Pump Intake:** ~70'	**Screen:** 61-91

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp) 1	2	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
---	62.0	62.0	90.8	28.0	---	18.0	54.6	9	N/A	N/A	N/A

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 SORT

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
10:52	0.5	9.0	1.3	62.70	7.03	22.72	5.8	0.111	0	-158	clear/No odor
10:57	1.0	18.0	1.8	62.69	7.00	22.74	2.5	0.115	0	-173	" " "
11:02	1.5	27.0	1.8	62.69	6.97	22.74	4.0	0.118	0	-178	" " "
11:08	2.0	36.0	1.7	62.70	6.95	22.75	4.7	0.120	0	-179	" " "
11:14	2.5	45.0	1.3	62.71	6.96	23.50	2.7	0.128	0	-180	" " "
11:21	3.0	54.0	1.5	62.71	6.89	23.33	6.8	0.102	0	-178	" " "

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
10:45	11:21	1.5	54.0	3	67.6	62.40	11:30	WCC_5S_WG092005_0001

Notes:

ft bmp = feet below measuring point

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: C-6 (TORRANCE)	**Date:** 9/21/05
Project No.: EM 2303	**Prepared By:** SY/NC
Well Identification: TMW-15	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~
	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
---	67.51 / 67.51	86.62	19.11	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
812	0.5	1.5	0.38	71.75	7.06	22.92	>999	0.126	0.00	+5	silty, no odor
816	1.0	3	0.38	71.80	7.13	22.99	>999	0.127	0.00	+7	silty, no odor
818	1.5	4.5	0.75	71.83	7.09	23.20	>999	0.129	0.00	+11	silty
820	2.0	6	0.75	71.85	7.10	23.19	>999	0.127	0.00	+14	silty
822	2.5	7.5	0.75	71.87	7.07	23.20	>999	0.128	0.00	+17	silty
824	3.0	9	0.75	71.90	7.07	23.18	132	0.127	0.00	+21	mostly 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
808	824	0.6	9	3	71.33	71.33	825	TMW-15_WG092105_0001

Notes: collected field blank at 820

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 23030	**Prepared By:** NC/SY
Well Identification: TMW-10	**Weather:** Sunny
Measurement Point Description: TOC - Mark	**Pump Intake:** / **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
---	59.70	77.65	17.95	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
916	0.5	1.5	0.75	59.95	7.08	23.50	711	0.166	0.00	+18	silty, odorless
918	1.0	3.0	0.75	59.97	6.99	23.84	253	0.177	0.00	+19	clearing
921	1.5	4.5	0.5	59.99	6.97	23.98	131	0.179	0.62	+29	clear
924	2.0	6.0	0.5	60.04	7.05	23.95	103	0.176	1.36	+36	clear
927	2.5	7.5	0.5	60.07	7.11	23.41	80.3	0.176	1.89	+45	clear
930	3.0	9.0	0.5	60.08	7.13	23.39	41.8	0.179	1.99	+48	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
914	930	0.6	9	3	63.29	60.08	935	TMW-10-WG092105-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105334

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling BRC C-6
Date: 9/21/05
Project No.: EM 23030
Prepared By: NC/SY
Well Identification: WCC-125
Weather: sunny, humid
Measurement Point Description: TOC - North
Pump Intake:
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
---	60.77	91.06	30.29	---	20	60	10	—	—	—

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 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
1002	0.5	10	1.7	61.73	7.16	23.19	124	0.172	2.63	+4	clear
1008	1.0	20	1.7	61.89	7.16	23.35	95.0	0.179	2.04	+6	clear
1014	1.5	30	1.7	62.20	7.16	23.07	74.3	0.179	1.93	+17	clear
1020	2.0	40	1.7	62.27	7.19	23.11	60.8	0.173	1.79	+31	clear
1026	2.5	50	1.7	62.15	7.17	23.13	38.0	0.171	1.73	+42	clear
1032	3.0	60	1.7	62.15	7.14	23.13	16.5	0.172	1.80	+45	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
956	1032	1.7	60	3	66.83	62.15	1035	WCC-125-WG092105-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105335

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling - BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: WCC-9S	**Weather:** Sunny, ~75°F
Measurement Point Description: TOC - North	**Pump Intake:** ~ / **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
---	66.79	96.00	29.21	---	19	57	9.5	—	—	—

	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 w/ dedicated tubing

Well Condition: good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1116	0.5	9.5	1.9	68.20	6.97	22.86	133	0.109	3.56	+56	mostly clear odorless
1122	1.0	19	1.6	68.20	6.98	23.06	128	0.109	3.67	+37	clear
1127	1.5	28.5	1.9	68.20	7.05	22.67	67.3	0.109	2.30	+46	clear
11:32	2.0	38	1.8	68.21	7.08	22.68	52.2	0.109	1.83	+54	clear
11:34	2.5	47.5	1.9	68.23	7.10	22.67	29.7	0.109	1.60	+56	clear
11:37	3.0	57	1.9	68.23	7.11	22.67	29.5	0.110	1.48	+49	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
1111	11:37	1.8	57	3	72.63	68.20	11:40	WCC_9S_WG092105_0001

Notes:

BOE-C6-0105336

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWB020	**Weather:** Sunny, ~75°F
Measurement Point Description: TOC - North	**Pump Intake:** / **Screen:** 59.5 - 89.5

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
---	59.20	89.60	30.40	---	20	60	10	—	—	—

	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

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
12:20	0.5	10	1.7	60.70	7.08	22.20	4.7	0.170	1.23	+63	clear
1226	1.0	20	1.7	60.80	7.11	21.97	0.7	0.181	1.00	+75	clear
12:32	1.5	30	1.7	60.88	7.13	22.16	0.0	0.181	0.85	+76	clear
12:38	2.0	40	1.8	60.89	7.15	22.17	0.0	0.181	0.74	+80	clear
1244	2.5	50	1.7	60.93	7.16	22.15	0.0	0.182	0.67	+83	clear
1250	3.0	60	1.7	60.92	7.17	22.87	0.0	0.178	0.56	+80	clear
	3.5										

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
1214	1250	1.7	60	3	65.28	60.92	1255	dup: MWB020_WG092105_0002 MWB020_WG092105_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: TMW-11	**Weather:** sunny, ~75°F
Measurement Point Description: TOC-Mark	**Pump Intake:** / **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
---	60.06	76.59	16.53	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1320	0.5	1.5	0.75	60.39	6.82	23.32	360	0.184	1.68	+27	cloudy, odorless
1322	1.0	3.0	0.75	60.39	6.80	23.47	328	0.188	1.52	+27	cloudy, odorless
1324	1.5	4.5	0.75	60.39	6.78	23.55	344	0.182	1.37	+41	cloudy, odorless
1326	2.0	6.0	0.75	60.39	6.82	23.58	167	0.186	1.34	+48	cloudy, odorless
1328	2.5	7.5	0.75	60.39	6.86	23.56	130	0.186	1.29	+54	clear
1330	3.0	9.0	0.75	60.39	6.88	23.56	40.8	0.184	1.24	+58	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
1318	1330	0.75	9	3	63.37	60.39	1335	TMW-11-WG092105-0001

Notes:

BOE-C6-0105338

(ft-bmp) = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling – BRCC-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWC009	**Weather:** sunny, ~75°F
Measurement Point Description: TOC – North	**Pump Intake:** 2 **Screen:** 97-117

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 33.26 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	63.74	119.50	55.76	---	—	—	—	= 22 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

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
1409	ABOVE	22	1.8	64.59	7.35	22.76	0.0	92.2	0.00	+18	clear, odorless
1413	0.5	28.5	1.6	64.59	7.38	22.78	0.0	92.5	0.00	+19	clear
1416	1.0	35	2.2	64.60	7.38	22.77	0.0	92.6	0.00	+19	clear
1420	1.5	41.5	1.6	64.60	7.39	22.76	0.0	92.6	0.00	+19	clear
1423	2.0	48	2.2	64.60	7.39	22.76	0.0	92.6	0.00	+19	clear
1427	2.5	54.5	1.6	64.60	7.39	22.76	0.0	92.6	0.00	+20	clear
1430	3.0	61	2.2	64.60	7.38	22.77	0.0	92.7	0.00	+20	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
1357	1430	1.8	61	1 ABOVE 3 SCREENS	74.89	64.60	1435	MWC009_WG092105_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105339

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: MWC004	**Weather:** sunny, ~80°F
Measurement Point Description: TOC - Mark	**Pump Intake:** / **Screen:** 96-116

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
---	61.37	113.85	52.48	---	—	—	—	34.63 ft = 23	20 ft = 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.

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
1502	ABOVE	23	1.9	63.24	7.53	22.98	0.0	99.1	0.00	+17	clear, odorless
1506	0.5	29.5	1.6	63.24	7.48	22.98	0.0	99.0	0.00	+4	clear
1509	1.0	36	2.2	63.24	7.50	22.97	0.0	98.4	0.00	-4	clear
1513	1.5	42.5	1.6	63.24	7.51	22.98	0.0	97.9	0.00	-10	clear
1516	2.0	49	2.2	63.24	7.52	22.93	0.0	97.2	0.00	-10	clear
1520	2.5	55.2	1.6	63.24	7.51	22.92	0.0	97.2	0.00	-10	clear
1523	3.0	62	2.2	63.24	7.52	22.92	0.0	97.3	0.00	-11	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
1450	1523	1.9	62	1 ABOVE 3 SCREENS	71.87	63.24	1525	MWC004_WG092105_0001

Notes: Collected Rinsate Blank at 1535

BOE-C6-0105340

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWC017	**Weather:** Sunny, ~70°F
Measurement Point Description: TOC - Mark	**Pump Intake:** ~100 **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 34.34 ft	Screen Volume (Screen length x D) 25 ft	½ screen Volume
---	65.66	124.75	59.09	---	—	—	—	= 23	= 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

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
855	ABOVE	23	1.9	66.56	7.08	22.63	0.0	95.1	0.00	-232	clear, sulfur odor
859	0.5	31	1.6	66.57	7.27	22.61	0.0	90.2	1.17	-169	clear, slight odor
902	1.0	39	2.1	66.57	7.31	22.62	0.0	89.5	1.53	-161	clear
906	1.5	47	1.6	66.57	7.36	22.63	0.0	89.0	2.24	-159	clear
909	2.0	55	2.1	66.58	7.36	22.58	0.0	88.2	2.12	-143	clear
913	2.5	63	1.6	66.59	7.36	22.61	0.0	87.9	1.95	-140	clear
916	3.0	71	2.1	66.59	7.35	22.61	0.0	87.8	1.96	-139	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
843	916	1.9	71	1 ABOVE 3 SCREENS	77.48	66.59	920	MWC017-WG092205-0001

Notes: Collected field blank at 900

ft-bmp = feet below measuring point

BOE-C6-0105341

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Groundwater Sampling [illegible] Sheet

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Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Date:** 9/22/05
Project No.: EM 2303 D	**Prepared By:** NC/SY
Well Identification: MWC022	**Weather:** sunny, ~70°F
Measurement Point Description: TOC - Mark	**Pump Intake:** ~100
	Screen: 97-117

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 36.44 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	60.56	115.75	55.19	---	—	—	—	= 24 gal	= 13 gal	6.5

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

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
949	ABOVE	24	2.0	63.40	7.47	22.78	0.0	0.092	0.00	-255	clear, odorless
952	0.5	30.5	2.1	63.40	7.46	22.81	110	0.093	0.00	-246	clear, odorless
955	1.0	37	2.1	63.40	7.43	22.79	67.7	0.093	0.00	-238	clear, odorless
958	1.5	43.5	2.1	63.40	7.41	22.79	38.9	0.094	0.00	-233	clear, odorless
1002	2.0	50	1.6	63.40	7.40	22.77	29.8	0.094	0.00	-224	clear
1005	2.5	56.5	2.1	63.40	7.39	22.79	13.8	0.095	0.00	-215	clear
1008	3.0	63	2.1	63.40	7.39	22.79	10.5	~~0.009~~ 0.095	0.00	-212	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
937	1008	2.0	63	1 ABOVE 3 SCREENS	71.60	63.40	1010	MWC022-WG092205-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105342

Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling - BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: TMW-07	**Weather:** sunny, ~75°F, humid
Measurement Point Description: TOC-North	**Pump Intake:** ~75 — **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
---	65.80	84.94	19.14	---	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 w/ dedicated tubing

Well Condition: casing extended unknown length; 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
1043	0.5	1.5	0.5	66.13	7.19	22.89	242	0.159	6.89	+50	cloudy, no odor
1045	1.0	3.0	0.75	66.15	7.12	23.13	150	0.160	6.67	+54	mostly clear
1047	1.5	4.5	0.75	66.17	7.10	23.19	112	0.161	6.49	+54	clear
1049	2.0	6.0	0.75	66.18	7.11	23.17	86.4	0.162	6.39	+54	clear
1052	2.5	7.5	0.5	66.18	7.15	23.18	62.6	0.162	6.26	+53	clear
1054	3.0	9.0	0.75	66.18	7.17	23.16	46.7	0.162	6.18	+56	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
1040	1054	.64	9	3	69.63	66.18	1055	TMW-07-WG092205-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105343

Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303 D	**Prepared By:** NC/SY
Well Identification: MWB019	**Weather:** Sunny ~80°F
Measurement Point Description: TOC - Mark	**Pump Intake:** ~75 **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
---	65.86	84.82	18.96	---	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

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
1117	0.5	6	1.5	66.30	6.78	23.08	2.6	0.260	3.68	-74	clear, odorless
1121	1.0	12	1.5	66.33	6.80	23.11	0.0	0.262	3.48	-48	clear, odorless
1125	1.5	18	1.5	66.35	6.82	23.11	0.0	0.263	3.41	+11	clear
1129	2.0	24	1.5	66.36	6.83	23.14	0.0	0.264	3.33	+62	clear
1133	2.5	30	1.5	66.37	6.83	23.16	0.0	0.264	3.26	+66	clear
1137	3.0	36	1.5	66.38	6.83	23.14	0.0	0.264	3.19	+67	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
1113	1137	1.5	36	3	69.65	66.38	1140	MWB019-WG092205_0001

Notes:

BOE-C6-0105344

ft-bmp = feet below measuring point

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 Sampling - BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWB007	**Weather:** Sunny, ~80°F
Measurement Point Description: TOC-Mark	**Pump Intake:** ~75
	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
---	60.11	89.86	29.75	--	19	57	9.5	—	—	—

	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 w/ dedicated tubing

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1213	0.5	9.5	2.0	60.62	6.96	22.24	5.5	0.163	3.12	+21	clear, odorless
12:18	1.0	19	2.0	60.64	7.03	22.30	0.0	0.162	2.73	+41	" " "
12:23	1.5	28.5	2.0	60.67	7.04	22.23	0.0	0.162	2.38	+57	" " "
12:28	2.0	38	2.0	60.69	7.05	22.24	0.0	0.163	2.18	+63	" " "
12:32	2.5	47.5	2.0	60.70	7.07	22.24	0.0	0.162	2.05	+67	" " "
12:37	3.0	57	2.0	60.71	7.10	22.22	0.0	0.162	1.95	+70	" " "

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
1208	12:37	2.0	57	3	66.06	60.70	12:40	MWB007_WG092205-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105345

Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC
Well Identification: CMW001	**Weather:** —
Measurement Point Description: TOC - Mark	**Pump Intake:** — **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
---	65.19	—	—	---	—	—	—	—	—	—

	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: Submersible Pump, micropurge

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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
Purged 18 minutes		—	7	—	—	65.50	1325	CMW001_WG092205_0001

Notes: Well sampled in coordination w/ Stephen Adu-Gyamfi of Arcadis → conducted micropurge

ft-bmp = feet below measuring point

BOE-C6-0105346

Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling - BRC C-6 Torrance	**Date:** 9/22/05
Project No.: EM 23030	**Prepared By:** NC/SY
Well Identification: MWC023	**Weather:** Sunny, ~80°F
Measurement Point Description: TOC - North	**Pump Intake:** ~100 **Screen:** 97-117

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 36.53ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	60.47	115.25	54.78	---	—	—	—	=24 gal	=13 gal	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 w/ dedicated tubing

Well Condition: good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1349	ABOVE	24	2.0	66.95	7.01	22.95	20.7	0.109	0.00	-274	clear, odorless
1352	0.5	30.5	2.1	66.92	7.04	22.97	67.2	0.110	0.00	-249	clear
1355	1.0	37	2.1	67.01	7.05	22.95	38.5	0.110	0.00	-239	clear
1359 NC	1.5	43.5	1.6	67.19	7.06	22.90	14.8	0.109	0.00	-232	clear
1402	2.0	50	2.1	67.28	7.08	22.90	9.6	0.109	0.00	-231	clear
1405	2.5	56.5	2.1	67.29	7.12	22.90	6.0	0.109	0.00	-233	clear
1408	3.0	63	2.1	67.30	7.11	22.90	6.1	0.109	0.00	-234	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
1337	1408	2.0	63	(ABOVE 3 SCREENS	71.43	67.30	1410	MWC023_WG092205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105347

Groundwater Sampling L .a Sheet

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Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC
Well Identification: CMW002	**Weather:** sunny, ~80°F
Measurement Point Description: TOC - Mark	**Pump Intake:** — **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
---	63.51	—	—	---	—	—	—	—	—	—

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: Submersible Pump, micropurge

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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
Purged 18 minutes		—	7.5	—	—	63.61	1500	CMW002-WG092205-0001

Notes: Well sampled in coordination with Stephen Adu-Gyamfi of Arcadis, conducted micropurge

ft-bmp = feet below measuring point

BOE-C6-0105348

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Instrument Calibration Sheet

Project Name:	Torrance Sept 2005	Project #:	EM2303

Date	Time	Instrument Type	Instrument Serial No.	Calibration Method	TAPE / SOLINST		Horiba	Calibrated By
9/19	9:00	solinst	Rental	Steel Tape	29.95	30	—	NC/SH
		HORIBA U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	NC/SH
		Solinst		Steel Tape	29.95	30	—	SY
		HORIBA-U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	SY
9/20-9/21	7:30	HORIBA U-22	Rental	AutoCal Sol'n +DO zero	—	—	OK	NC
		HORIBA U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	SY
		Solinst		Steel Tape	29.95	30	—	NC
		Solinst	↓	Steel Tape	"	"	—	SY
9/22	8:30	HORIBA U-22	Rental	AutoCal Sol'n +DO zero	—	—	OK	NC/SY
		HORIBA U-22	↓	AutoCal Sol'n +DO zero	—	—	OK	NC/SY
		Solinst Steel Tape		Steel Tape	29.95	30	—	NC/SY
		Solinst Steel Tape	↓	Steel Tape	"	"	—	NC/SY

Tait Environmental Management, Inc.
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QA/QA Sample Identification Form

Project Name: September 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
9/19/05	—	Trip Blank	TB_TAIT091905_0001	—	—	8260B	Lab DI	STL	
	900	Decon Blank	DB_TAIT091905_0001	—	—	8260B	Lab DI	NC	
	1225	(Rinsate) Equipment Blank	EB_TAIT091905_0001	WCC_3S	—	8260B	Lab DI	NC	
	1200	Field Blank	FB_TAIT091905_0001	MWG001	—	8260B	Lab DI	SY	
	1510	Duplicate	MWC007_WG091905_0002	MWC007	MWC007_WG091905_0001	8260B	—	SY	
9/20 9/21	—	Trip Blank	TB_TAIT092105_0001	—	—	8260B	LAB DI	STL	
	7:30	Decon Blank	DB_TAIT092105_0001	—	—	8260B	↓	NC	
	8:20	Field Blank	FB_TAIT092105_0001	TMW_15	—	8260B	↓	NC	
	15:35	(RINSATE) Equipment Blank	EB_TAIT092105_0001	MWC004	—	8250B	↓	SY	
	12:55	Duplicate	MWB020_WG092105_0002	MWB020 ~~MWC004~~	MWB020_WG092105_0001	8260B	—	SY	
9/22	—	TRIP BLANK	TB_TAIT092205_0001	—	—	8260B	LAB DI	STL	
	8:30	Decon Blank	DB_TAIT092205_0001	—	—	↓	↓	NC/SY	
	9:00	Field Blank	FB_TAIT092205_0001	MWC017	—	↓	↓	NC/SY	
	12:50	(RINSATE) EQUIPMENT BLANK	EB_TAIT092205_0001	MWB007	—	↓	↓	NC/SY	
		Duplicate							

BOE-C6-0105350

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Well Gauging Data Sheet

Site Name: BRC C-6 Torrance

Well ID	Date	Time	PID (ppm)	Diameter (in)	Measurement Point	Depth to LNAPL (ft-bmp)	Depth to Water (ft-bmp)	2nd WL Reading ~~LNAPL Thickness~~ (ft)	Total Depth (ft bmp)	Personnel	Comments
MWB012	9/15/05	955	NM	4	TOC-Mark	NM	62.55	62.55	84.11	NC/SY	semi-soft
MWB014		1005		4	TOC-Mark		62.15	62.15	84.26		semi-hard
XMW-09		1015		4	TOC-North		63.71	63.71	76.50		soft; diff. to gauge TD
XMW-19		1020		4	TOC-North		59.25	59.25	76.82		soft;
MWC023		1030		4	TOC-North		60.70	60.70	115.25		soft
30 WCC-4S		1040		4	TOC-North		61.50	61.50	89.80		soft.
MWC022		1045		4	TOC-Mark		60.71	60.71	115.75		semi-soft.
MWB007		1050		4	TOC-Mark		60.30	60.30	89.86		soft
MWC007		1055		4	TOC-Mark		60.55	60.55	117.80		soft
MWB020		1100		4	TOC-North		59.27	59.27	89.60		semi-soft
WCC-12S		1120		4	TOC-North		60.79	60.79	91.06		soft dirt down well, observed on WL probe
MWC004		1125		4	TOC-Mark		61.45	61.45	113.85		soft
WCC-7S		1130		4	TOC-Mark		61.56	61.56	89.75		soft
WCC-5S		1140		4	TOC-North		61.76	61.76	91.50		soft
WCC-6S		1245		4	TOC-North		62.06	62.06	84.55		soft; new well box is being set, site under const.
WCC-3S		1300		4	TOC-North		61.89	61.89	87.95		soft;
18 TMW-07		1330		2	TOC-North		65.98	65.98	84.94		soft; extended casing?
TMW-08		1335		2	TOC-North		63.45	63.45	79.95		soft; casing may have been cut new well box

BOE-C6-0105351

Well Gauging Data Sheet

Site Name: Boeing C-6 Torrance

Well ID	Date	Time	PID (ppm)	Diameter (in)	Measurement Point	Depth to LNAPL (ft-bmp)	Depth to Water (ft-bmp)	~~LNAPL Thickness (ft)~~ 2nd Water Reading	Total Depth (ft bmp)	Personnel	Comments
MWB013	9/15/05	742	~~NM~~	4	TOC-North	~~NM~~	64.88	~~84.85~~ 64.88	84.85	NC/SY	Soft bottom
MWC017		755		4	TOC-Mark		66.04	66.04	124.75		Soft, missing bolt
MWB019		800		4	TOC-Mark		65.93	65.93	84.82		soft
CMW001		805		4	TOC-Mark		65.16	65.16	124.10		soft
TMW-11		810		2	TOC-Mark		60.11	60.11	76.59		very soft
MWG002		815		2	TOC-North		66.28	66.28	191.85		soft
MWC021		820		4	TOC-Mark		64.65	64.65	121.60		Soft
TMW-10		825		2	TOC-~~Mark~~ North NC		59.80	59.80	77.65		Soft; no bolts.
MWG001		830		2	TOC-Mark		65.20	65.20	185.90		soft
15 MWC009		835		4	TOC-North		63.81	63.81	119.50		soft
WCC-9S		840		4	TOC-North		66.82	66.82	96.00		Soft; monument casing no well box
TMW-14		845		2"	TOC-Mark		68.76	868.76	85.15		soft; in well box, no lockers monument casing
TMW-15		850		2	TOC-Mark		67.55	67.55	86.62		Soft; no lid on monument casing, well has cap
DAC-P1		855		4	TOC-Mark		64.64	64.64	90.33		Soft;
BL-03		900		2	TOC-North		69.13	69.13	80.15		Soft, well box repaired, adds ~2-3 in. to casing
CMW002		910		4	TOC-Mark		63.69	63.69	124.00		semi-hard
TMW-04		915		2	TOC-Mark		61.37	61.37	76.80		semi-hard
MWB005		920		4	TOC-~~North~~ Mark		62.10	62.10	87.60		Soft;
MWC015		925		4	TOC-Mark		61.78	61.78	120.15		Semi-soft
20 TMW-06		930		2	TOC-North		61.98	61.98	78.50		soft
CMW026		935		4	TOC-North		62.00	62.00	117.90		Soft
MWG004		940		2 ~~4~~ NC	TOC-North		63.33	63.33	184.50		Soft; diff. to gauge TD due to depth
MWC016		945		4	TOC-North		63.28	63.28	128.00		very soft.
MWG003		950		2	TOC-North		64.08	64.08	184.80		Soft; diff. to gauge TD due to depth.

D4

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BOE-C6-0105352

Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling - C-6 Torrance	**Date:** 9/19/05
Project No.: EM 2303D	**Prepared By:** NC
Well Identification: WCC-06S	**Weather:** overcast, ~65°F
Measurement Point Description: TOC - Northside	**Pump Intake:** ~ 75 — **Screen:** ~~69-89~~ 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
---	62.01	84.55	22.54	–	14.65	43.9	17.27	--	–	

	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 ~~demo~~ const. area, had to sample well due to concrete pour

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
1001	0.5	8	1.0	65.10	6.87	23.78	0.0	2.02	1.99	-143	clear, odorless
1008	1.0	15	1.0	65.30	6.93	23.65	125	2.12	3.12	-156	clear, odorless
1016	1.5	23	1.0	65.57	6.96	23.59	79.6	2.20	3.54	-159	clear, odorless
1023	2.0	30	1.0	65.66	6.98	23.64	41.8	2.20	3.71	-161	clear, odorless
1030	2.5	37	1.0	65.70	6.99	23.69	40.6	2.22	3.74	-161	clear, odorless
1037	3.0	44	1.0	65.70	7.00	23.82	33.8	2.21	3.80	-161	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
953	1037	1.0	44	3	66.51	65.70	1040	WCC-6S-WG091905-0001

Notes:

BOE-C6-0105353

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling - BRC C-6	**Date:** 9/19/05
Project No.: EM 2803D	**Prepared By:** NC/SH
Well Identification: WCC-3S	**Weather:** Sunny, ~70°F
Measurement Point Description: TOC - North	**Pump Intake:** ~79 **Screen:** 69-89

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 7.12 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	61.88	87.95	26.07	---	—	—	—	= 4.6 gal	= 13 gal	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 w/ dedicated tubing

Well Condition: muddy area, 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
1127	ABOVE	5	1.25	62.20	6.71	23.45	186	4.69	3.01	-89	clear, odorless
1133	0.5	11.5	1.08	62.25	6.73	23.46	150	4.76	4.42	-97	clear, odorless
1140	1.0	18	0.92	62.27	6.75	23.44	77	5.19	4.6	-102	" "
1144	1.5	24.5	1.6	62.27	6.77	23.44	90.2	5.06	4.60	-105	" "
1148	2.0	31	1.6	62.27	6.80	23.44	68.6	4.48	4.6	-107	" "
1152	2.5	37.5	1.6	62.27	6.81	23.47	58.4	4.0	4.40	-109	" "
1154	3.0	44	1.6	62.27	6.81	23.47	60.0	3.76	4.30	-111	" "

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
1123	1154	1.5	44	1 ABOVE 3 SCREENS	67.09	62.27	1200	WCC-3S-WG091905-0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling – C-6 Torrance	**Date:** 9/19/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: TMW-14	**Weather:** sunny, breeze, ~75°F
Measurement Point Description: TOC – North	**Pump Intake:** ~75 **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
---	69.57	85.15	15.58	---	2.5	7.5	1.25	—	—	—

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

Field Equipment: Solinst, Horiba, 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/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1317	0.5	1.25	0.3	~~68.8~~ 69.8	7.04	24.51	250	3.10	4.28	-3	clouds.
1320	1.0	2.5	0.4	69.55	7.03	24.68	183	3.12	4.25	+9	cloudy
1322	1.5	3.75	0.6	69.60	7.03	24.71	130	3.14	4.30	+19	clear
1324	2.0	5.0	0.6	69.82	7.03	24.74	114	3.11	4.34	+25	clear
1326	2.5	6.25	0.6	69.80	7.04	24.75	96.0	3.11	4.36	+30	clear
1328	3.0	7.5	0.6	69.75	7.03	24.74	86.3	3.12	4.38	+36	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
1313	1328	0.5	9	3+	72.69	69.75	1330	TMW-14-WG091905_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105355

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/19/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: MWB013	**Weather:** Sunny, breeze, ~75°F
Measurement Point Description: TOC – North	**Pump Intake:** ~75 / **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
---	64.79	84.85	20.06	---	13	39	6.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good;

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity* (NTU)	Conductivity (mS/cm)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1407	0.5	6.5	1.3	65.70	7.41	23.38	188	2.02	5.70	+96	clear
1412	1.0	13	1.3	65.74	7.43	23.41	185	2.01	5.60	+88	clear
1417	1.5	19.5	1.3	65.75	7.44	23.44	156	1.99	5.68	+89	clear
1422	2.0	26	1.3	65.75	7.45	23.46	125	2.00	5.69	+92	clear
1427	2.5	32.5	1.3	65.75	7.46	23.47	160	2.01	5.66	+94	clear
1432	3.0	39	1.3		7.46	23.45	102	2.02	5.73	+96	

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
1402	1432	1.3	39	3	68.80	65.75	1435	MWB013-WG091905_0001

Notes: * Turbidity readings not consistent w/ visual observation, water is clear.

ft-bmp = feet below measuring point

BOE-C6-0105356

Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE	**Date:** 9/19/05
Project No.: EM 2303	**Prepared By:** SY
Well Identification: MING001	**Weather:** OVERCAST ~72°
Measurement Point Description: TOC MARK	**Pump Intake:** ~75 **Screen:** 156 - 186

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	65.20 / 65.20	185.9	120.7	---	—	—	—	14.5	4.8	2.4

	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

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/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
11:50	Above	14.5	0.5	66.45	7.36	23.12	Ø	71.4	Ø	-201	Clear / No odor
11:55	0.5	16.9	0.3	66.44	7.49	23.11	Ø	74.1	Ø	-193	" "
12:01	1.0	19.3	0.4	66.45	7.52	23.13	Ø	74.5	Ø	-195	" "
12:07	1.5	21.7	0.4	66.43	7.50	23.02	Ø	70.4	Ø	-185	" "
12:13	2.0	24.1	0.4	66.43	7.52	22.97	Ø	70.4	Ø	-185	" "
12:19	2.5	26.5	0.4	66.42	7.55	22.97	Ø	70.6	Ø	-154	" "
12:26	3.0	28.9	0.4	66.42	7.54	23.00	Ø	70.6	Ø	-157	" "

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
11:40	12:26	0.4	28.9	1 Above 3 Screen	89.3	~~12:30~~ 66.10	12:30	MING001_WG091905_0001

Notes:

(1) FIELD BLANK

BOE-C6-0105357

___ feet below measuring point

Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE		**Date:** 9/19/05	
Project No.: EM 2303		**Prepared By:** SY	
Well Identification: MW6002		**Weather:** SUNNY	
Measurement Point Description: TOC NORTH		**Pump Intake:** ~70	**Screen:** 162-192

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp) 1 / 2	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
---	66.25 / 66.25	191.85	125.7	---	—	—	—	15.32	4.8	2.4

	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

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~~ mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
13:04	Above	15.3	0.5	67.48	7.67	23.06	Ø	90.1	Ø	-260	Clear / No odor
13:07	0.5	17.7	0.8	67.50	7.73	23.04	Ø	87.6	Ø	-265	" " "
13:10	1.0	20.0	0.8	67.50	7.75	23.05	Ø	86.7	Ø	-257	" " "
13:13	1.5	22.4	0.8	67.52	7.78	23.04	Ø	84.0	Ø	-248	" " "
13:16	2.0	24.8	0.8	67.49	7.80	23.04	Ø	82.5	Ø	-239	" " "
13:19	2.5	27.2	0.8	67.50	7.81	23.06	Ø	81.7	Ø	-236	" " "
13:22	3.0	29.6	0.8		7.81	23.05	Ø	80.3	Ø	-233	" " "

Purge Start Time	Purge End Time	Average Flow (gpm)	Total Gallons Purged	Total Casing Volumes Purged	80% Recovery Water Level Depth (C x .80) - B	Water Level at Sampling Time (ft-bmp)	Sample Collection Time	Sample Identification
12:55	13:22	0.8	29.6	1 Above 3 screen	91.30	67.10	13:27	MW6002-WG091905-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105358

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: C-6 TORRANCE	**Date:** 9/19/05
Project No.: EM 2303	**Prepared By:** SY
Well Identification: MWC007	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~70 — **Screen:** 97-117

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp)	B Well Total Depth (ft-bmp)	C Water Column Height (ft) (A – B = C)	LNAPL Thickness (ft-bmp)	E One (1) Casing Volume (gallons) (C XD=E)	Three (3) Casing Volumes (gallons) (E x 3)	½ Casing Volume (E /2)	Above Screen Volume (Top screen – DTW)x D	Screen Volume (Screen length x D)	½ screen Volume
---	60.46/60.46	117.8	57.34	---	—	—	—	23.75	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 / SOFT BOTTON

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
14:32	Above	23.8	1.4	61.30	7.30	25.20	ϕ	0.102	ϕ	-55	clear/No odor
14:38	0.5	30.0	1.1	61.29	7.32	25.48	ϕ	0.103	ϕ	-61	" " "
14:48	1.0	36.5	0.9	61.31	7.31	25.75	ϕ	0.104	ϕ	-69	" " "
14:51	1.5	43.0	1.1	61.33	7.37	25.69	ϕ	0.111	ϕ	-70	" " "
14:56	2.0	49.5	1.3	61.31	7.39	25.70	ϕ	0.113	ϕ	-68	" " "
15:01	2.5	56.0	1.3	61.32	7.40	25.68	ϕ	0.112	ϕ	-68	" " "
15:06	3.0	62.5	1.3	61.33	7.46	25.69	ϕ	0.111	ϕ	-71	" " "

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
14:15	15:06	1.2	62.5	1 Above 3 Screen	72.ϕ	61.00	15:10	MWC007_WG091905_0001

Notes: MWC007_WG091905_0002

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling - BRC C-6	**Date:** 9/20/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: MWC021	**Weather:** raining
Measurement Point Description: TOC - Mark	**Pump Intake:** ~0 — **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 32.32 ft	Screen Volume (Screen length x D) 25 ft	½ screen Volume
---	64.68	121.60	56.92	--	—	—	—	= 21 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, 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
1052	ABOVE	21	1.4	65.28	7.30	23.05	0.0	8.80	0.00	-219	clear
1057	0.5	29	1.4	65.28	7.33	23.06	0.0	8.30	0.00	-217	clear
1102	1.0	37	1.4	65.28	7.33	23.07	0.0	7.59	0.00	-216	clear
1107	1.5	45	1.4	65.28	7.36	23.09	0.0	8.39	0.00	-215	clear
1112	2.0	53	1.4	65.28	7.31	23.11	0.0	8.45	0.00	-221	clear
1117	2.5	61	1.4	65.28	7.35	23.16	0.0	8.32	0.00	-217	clear
1122	3.0	69	1.4	65.28	7.37	23.14	0.0	8.43	0.00	-215	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
1038	1122	1.4	69	1 ABOVE 3 SCREENS	76.06	65.28	1125	MWC021_WG092005_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: C-6 TORRANCE		**Date:** 9/20/05	
Project No.: EM 2303		**Prepared By:** SY	
Well Identification: WCC-5S		**Weather:** Raining	
Measurement Point Description: TOC MARK		**Pump Intake:** ~70'	**Screen:** 61-91

Depth to LNAPL (ft-bmp)	A Depth to Static Water Level (ft-bmp) 1 / 2	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
---	62.0 / 62.0	90.8	28.0	---	18.0	54.6	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: Good / SORT

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
10:52	0.5	9.0	1.3	62.70	7.03	22.72	5.8	0.111	0	-158	clear/No odor
10:57	1.0	18.0	1.8	62.69	7.00	22.74	2.5	0.115	0	-173	" " "
11:02	1.5	27.0	1.8	62.69	6.97	22.74	4.0	0.118	0	-178	" " "
11:08	2.0	36.0	1.7	62.70	6.95	22.75	4.7	0.120	0	-179	" " "
11:14	2.5	45.0	1.2	62.73	6.96	23.50	2.7	0.128	0	-180	" " "
11:21	3.0	54.0	1.3	62.71	6.89	23.33	6.8	0.102	0	-178	" " "

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
10:45	11:21	1.5	54.0	3	67.6	62.40	11:30	WCC_5S_WG092005_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105361

Groundwater Sampling Data Sheet

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Project Name: C-6 (TORRANCE)	**Date:** 9/21/05
Project No.: EM 2303	**Prepared By:** SY/NC
Well Identification: TMW-15	**Weather:** SUNNY
Measurement Point Description: TOC MARK	**Pump Intake:** ~ **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
---	67.51 / (67.51)	86.62	19.11	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba

Purge Method: GRUNDFOS PUMP

Well Condition: Good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
812	0.5	1.5	0.38	71.75	7.06	22.92	>999	0.126	0.00	+5	silty, no odor
816	1.0	3	0.38	71.80	7.13	22.99	>999	0.127	0.00	+7	silty, no odor
818	1.5	4.5	0.75	71.83	7.09	23.20	>999	0.129	0.00	+11	silty
820	2.0	6	0.75	71.85	7.10	23.19	>999	0.127	0.00	+14	silty
8:22	2.5	7.5	0.75	71.87	7.07	23.20	>999	0.128	0.00	+17	silty
824	3.0	9	0.75	71.90	7.07	23.18	132	0.127	0.00	+21	mostly 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
808	824	0.6	9	3	71.33	71.33	825	TMW-15_WG092105_0001

Notes: collected field blank at 820

ft-bmp = feet below measuring point

BOE-C6-0105362

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 23030	**Prepared By:** NC/SY
Well Identification: TMW-10	**Weather:** Sunny
Measurement Point Description: TOC - Mark	**Pump Intake:** ; **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
---	59.70	77.65	17.95	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good;

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
916	0.5	1.5	0.75	59.95	7.08	23.50	711	0.166	0.00	+18	silty, odorless
918	1.0	3.0	0.75	59.97	6.99	23.84	253	0.177	0.00	+19	clearing
921	1.5	4.5	0.5	59.99	6.97	23.98	131	0.179	0.62	+29	clear
924	2.0	6.0	0.5	60.04	7.05	23.95	103	0.176	1.36	+36	clear
927	2.5	7.5	0.5	60.07	7.11	23.41	80.3	0.176	1.89	+45	clear
930	3.0	9.0	0.5	60.08	7.13	23.39	41.8	0.179	1.99	+48	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
914 ~~752~~	930	0.6	9	3	63.29	60.08	935	TMW-10-WG092105-0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: WCC-125	**Weather:** sunny, humid
Measurement Point Description: TOC- North	**Pump Intake:** / **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
---	60.77	91.06	30.29	---	20	60	10	—	—	—

	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; 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
1002	0.5	10	1.7	61.73	7.16	23.19	124	0.172	2.63	+4	clear
1008	1.0	20	1.7	61.89	7.16	23.35	95.0	0.179	2.04	+6	clear
1014	1.5	30	1.7	62.20	7.16	23.07	74.3	0.179	1.93	+17	clear
1020	2.0	40	1.7	62.27	7.19	23.11	60.8	0.173	1.79	+31	clear
1026	2.5	50	1.7	62.15	7.17	23.13	38.0	0.171	1.73	+42	clear
1032	3.0	60	1.7	62.15	7.14	23.13	16.5	0.172	1.80	+45	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
956	1032	1.7	60	3	66.83	62.15	1035	WCC-125-WG092105-0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling - BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: WCC-9S	**Weather:** Sunny, ~75°F
Measurement Point Description: TOC - North	**Pump Intake:** ~
	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
---	66.79	96.00	29.21	---	19	57	9.5	—	—	—

	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 w/ dedicated tubing

Well Condition: good

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1116	0.5	9.5	1.9	68.20	6.97	22.86	133	0.109	3.56	+56	mostly clear odorless
1122	1.0	19	1.6	68.20	6.98	23.06	128	0.109	3.67	+37	clear
1127	1.5	28.5	1.9	68.20	7.05	22.67	67.3	0.109	2.30	+46	clear
11:32	2.0	38	1.8	68.21	7.08	22.68	52.2	0.109	1.83	+54	clear
11:34	2.5	47.5	1.9	68.23	7.10	22.67	29.7	0.109	1.60	+56	clear
11:37	3.0	57	1.9	68.23	7.11	22.67	29.5	0.110	1.48	+49	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
1111	11:37	1.8	57	3	72.63	68.20	11:40	WCC-9S-WG092105-0001

Notes:

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___ feet below measuring point

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Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWB020	**Weather:** Sunny, ~75°F
Measurement Point Description: TOC - North	**Pump Intake:** / **Screen:** 59.5 - 89.5

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
---	59.20	89.60	30.40	---	20	60	10	—	—	—

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

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
12:20	0.5	10	1.7	60.70	7.08	22.20	4.7	0.170	1.23	+63	clear
1226	1.0	20	1.7	60.80	7.11	21.97	0.7	0.181	1.00	+75	clear
12:32	1.5	30	1.7	60.88	7.13	22.16	0.0	0.181	0.85	+76	clear
12:38	2.0	40	1.8	60.89	7.15	22.17	0.0	0.181	0.74	+80	clear
1244	2.5	50	1.7	60.93	7.16	22.15	0.0	0.182	0.67	+83	clear
1250	3.0	60	1.7	60.92	7.17	22.87	0.0	0.178	0.56	+80	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
1214	1250	1.7	60	3	65.28	60.92	1255	dup: MWB020_WG092105_0002 MWB020_WG092105_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: TMW-11	**Weather:** sunny, ~75°F
Measurement Point Description: TOC-Mark	**Pump Intake:** / **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
---	60.06	76.59	16.53	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1320	0.5	1.5	0.75	60.39	6.82	23.32	360	0.184	1.68	+27	cloudy, odorless
1322	1.0	3.0	0.75	60.39	6.80	23.47	328	0.188	1.52	+27	cloudy, odorless
1324	1.5	4.5	0.75	60.39	6.78	23.55	344	0.182	1.37	+41	cloudy, odorless
1326	2.0	6.0	0.75	60.39	6.82	23.58	167	0.186	1.34	+48	cloudy, odorless
1328	2.5	7.5	0.75	60.39	6.86	23.56	130	0.186	1.29	+54	clear
1330	3.0	9.0	0.75	60.39	6.88	23.56	40.8	0.184	1.24	+58	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
1318	1330	0.75	9	3	63.37	60.39	1335	TMW-11-WG092105-0001

Notes:

bmp = feet below measuring point

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling – BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWC009	**Weather:** sunny, ~75°F
Measurement Point Description: TOC – North	**Pump Intake:** 2 — **Screen:** 97-117

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 33.26 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	63.74	119.50	55.76	---	—	—	—	= 22 gal	= 13 gal	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 w/ dedicated tubing

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1409	ABOVE	22	1.8	64.59	7.35	22.76	0.0	92.2	0.00	+18	clear, odorless
1413	0.5	28.5	1.6	64.59	7.38	22.78	0.0	92.5	0.00	+19	clear
1416	1.0	35	2.2	64.60	7.38	22.77	0.0	92.6	0.00	+19	clear
1420	1.5	41.5	1.6	64.60	7.39	22.76	0.0	92.6	0.00	+19	clear
1423	2.0	48	2.2	64.60	7.39	22.76	0.0	92.6	0.00	+19	clear
1427	2.5	54.5	1.6	64.60	7.39	22.76	0.0	92.6	0.00	+20	clear
1430	3.0	61	2.2	64.60	7.38	22.77	0.0	92.7	0.00	+20	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
1357	1430	1.8	61	1 ABOVE 3 SCREENS	74.89	64.60	1435	MWC009_WG092105_0001

Notes:

ft-bmp = feet below measuring point

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept. 2005 GW Sampling BRC C-6	**Date:** 9/21/05
Project No.: EM 2303D	**Prepared By:** NC/SH
Well Identification: MWC004	**Weather:** sunny, ~80°F
Measurement Point Description: TOC - Mark	**Pump Intake:** / **Screen:** 96-116

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 34.63ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	61.37	113.85	52.48	--	—	—	—	= 23	= 18 gal	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 w/ dedicated tubing

Well Condition: good.

Time	Casing/Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (mS/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1502	ABOVE	23	1.9	63.24	7.53	22.98	0.0	99.1	0.00	+17	clear, odorless
1506	0.5	29.5	1.6	63.24	7.48	22.98	0.0	99.0	0.00	+4	clear
1509	1.0	36	2.2	63.24	7.50	22.97	0.0	98.4	0.00	-4	clear
1513	1.5	42.5	1.6	63.24	7.51	22.98	0.0	97.9	0.00	-10	clear
1516	2.0	49	2.2	63.24	7.52	22.93 NC	0.0	97.2	0.00	-10	clear
1520	2.5	55.2	1.6	63.24	7.51	22.92	0.0	97.2	0.00	-10	clear
1523	3.0	62	2.2	63.24	7.52	22.92	0.0	97.3	0.00	-11	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
1450	1523	1.9	62	1 ABOVE 3 SCREENS	71.87	63.24	1525	MWC004_WG092105_0001

Notes: Collected Rinsate Blank at 1535

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Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

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Project Name: Sept 2005 GW Sampling BRC a-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWC017	**Weather:** Sunny, ~70°F
Measurement Point Description: TOC - Mark	**Pump Intake:** ~100 **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 34.34 ft	Screen Volume (Screen length x D) 25 ft	½ screen Volume
---	65.66	124.75	59.09	---	—	—	—	= 23	= 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

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
855	ABOVE	23	1.9	66.56	7.08	22.63	0.0	95.1	0.00	-232	clear, sulfur odor
859	0.5	31	1.6	66.57	7.27	22.61	0.0	90.2	1.17	-169	clear, slight odor
902	1.0	39	2.1	66.57	7.31	22.62	0.0	89.5	1.53	-161	clear
906	1.5	47	1.6	66.57	7.36	22.63	0.0	89.0	2.24	-159	clear
909	2.0	55	2.1	66.58	7.36	22.58	0.0	88.2	2.12	-143	clear
913	2.5	63	1.6	66.59	7.36	22.61	0.0	87.9	1.95	-140	clear
916	3.0	71	2.1	66.59	7.35	22.61	0.0	87.8	1.96	-139	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
843	916	1.9	71	1 ABOVE 3 SCREENS	77.48	66.59	920	MWC017-WG092205-0001

Notes: Collected field blank at 900

ft-bmp = feet below measuring point

BOE-C6-0105370

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Groundwater Sampling L a Sheet

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Project Name: Sept. 2005 Sampling BRC C-6 Torrance	**Date:** 9/22/05
Project No.: EM2303D	**Prepared By:** NC/SY
Well Identification: MWC022	**Weather:** sunny, ~70°F
Measurement Point Description: TOC - MARK	**Pump Intake:** ~100 — **Screen:** 97-117

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 36.44 ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	60.56	115.75	55.19	---	—	—	—	= 24 gal	= 13 gal	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 w/ dedicated tubing

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
949	ABOVE	24	2.0	63.40	7.47	22.78	0.0	0.092	0.00	-255	clear, odorless
952	0.5	30.5	2.1	63.40	7.46	22.81	110	0.093	0.00	-246	clear, odorless
955	1.0	37	2.1	63.40	7.43	22.79	67.7	0.093	0.00	-238	clear, odorless
958	1.5	43.5	2.1	63.40	7.41	22.79	38.9	0.094	0.00	-233	clear, odorless
1002	2.0	50	1.6	63.40	7.40	22.77	29.8	0.094	0.00	-224	clear
1005	2.5	56.5	2.1	63.40	7.39	22.79	13.8	0.095	0.00	-215	clear
1008	3.0	63	2.1	63.40	7.39	22.79	10.5	~~0.009~~ 0.095	0.00	-212	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
937	1008	2.0	63	1 ABOVE 3 SCREENS	71.60	63.40	1010	MWC022_WG092205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105371

Groundwater Sampling Data Sheet

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Project Name: Sept. 2005 Sampling - BRC C-6	**Date:** 9/22/05
Project No.: EM 23038	**Prepared By:** NC/SY
Well Identification: TMW-07	**Weather:** sunny, ~75°F, humid
Measurement Point Description: TOC-North	**Pump Intake:** ~75 — **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
---	65.80	84.94	19.14	---	3	9	1.5	—	—	—

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

Field Equipment: Solinst, Horiba, Grundfos

Purge Method: 2" Submersible Pump w/ dedicated tubing

Well Condition: casing extended unknown length; 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
1043	0.5	1.5	0.5	66.13	7.19	22.89	242	0.159	6.89	+50	cloudy, no odor
1045	1.0	3.0	0.75	66.15	7.12	23.13	150	0.160	6.67	+54	mostly clear
1047	1.5	4.5	0.75	66.17	7.10	23.19	112	0.161	6.49	+54	clear
1049	2.0	6.0	0.75	66.18	7.11	23.17	86.4	0.162	6.39	+54	clear
1052	2.5	7.5	0.5	66.18	7.15	23.18	62.6	0.162	6.26	+53	clear
1054	3.0	9.0	0.75	66.18	7.17	23.16	46.7	0.162	6.18	+56	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
1040	1054	.64	9	3	69.63	66.18	1055	TMW-07-WG092205-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105372

Groundwater Sampling Data Sheet

ENTERED 12/16/09

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303 D	**Prepared By:** NC/SY
Well Identification: MWB019	**Weather:** Sunny ~80°F
Measurement Point Description: TOC - Mark	**Pump Intake:** ~75 **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
---	65.86	84.82	18.96	---	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

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
1117	0.5	6	1.5	66.30	6.78	23.08	2.6	0.260	3.68	-74	clear, odorless
1121	1.0	12	1.5	66.33	6.80	23.11	0.0	0.262	3.48	-48	clear, odorless
1125	1.5	18	1.5	66.35	6.82	23.11	0.0	0.263	3.41	+11	clear
1129	2.0	24	1.5	66.36	6.83	23.14	0.0	0.264	3.33	+62	clear
1133	2.5	30	1.5	66.37	6.83	23.16	0.0	0.264	3.26	+66	clear
1137	3.0	36	1.5	66.38	6.83	23.14	0.0	0.264	3.19	+67	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
1113	1137	1.5	36	3	69.65	66.38	1140	MWB019-WG092205_0001

Notes:

ft-bmp = foot below measuring point

BOE-C6-0105373

TAIT Environmental Management, Inc

Groundwater Sampling Data Sheet

ENTERED 4/10/04

Page ___ of ___

Project Name: Sept. 2005 Sampling - BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC/SY
Well Identification: MWB007	**Weather:** Sunny, ~80°F
Measurement Point Description: TOC-Mark	**Pump Intake:** ~75
	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
---	60.11	89.86	29.75	--	19	57	9.5	—	—	—

	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 w/ dedicated tubing

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (S/m)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations
1213	0.5	9.5	2.0	60.62	6.96	22.24	5.5	0.163	3.12	+21	clear, odorless
12:18	1.0	19	2.0	60.64	7.03	22.30	0.0	0.162	2.73	+41	" " "
12:23	1.5	28.5	2.0	60.67	7.04	22.23	0.0	0.162	2.38	+57	" " "
12:28	2.0	38	2.0	60.69	7.05	22.24	0.0	0.163	2.18	+63	" " "
12:32	2.5	47.5	2.0	60.70	7.07	22.24	0.0	0.162	2.05	+67	" " "
12:37	3.0	57	2.0	60.71	7.10	22.22	0.0	0.162	1.95	+70	" " "

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
1208	12:37	2.0	57	3	66.06	60.70	12:40	MWB007-WG092205-0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105374

Groundwater Sampling Data Sheet

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC
Well Identification: CMW001	**Weather:** —
Measurement Point Description: TOC - Mark	**Pump Intake:** — **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
---	65.19	—	—	---	—	—	—	—	—	—

	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: Submersible Pump, micropurge

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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
Purged 18 minutes		—	7	—	—	65.50	1325	CMW001_WG092205_0001

Notes: Well sampled in coordination w/ Stephen Adu-Gyamfi of Arcadis → conducted micropurge

ft-bmp = foot below measuring point

BOE-C6-0105375

Groundwater Sampling Data Sheet

ENTERED 10/4/05

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Sept. 2005 Sampling - BRC C-6 Torrance	**Date:** 9/22/05
Project No.: EM 23030	**Prepared By:** NC/SY
Well Identification: MWC023	**Weather:** sunny, ~80°F
Measurement Point Description: TOC - North	**Pump Intake:** ~100 — **Screen:** 97-117

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 36.53ft	Screen Volume (Screen length x D) 20 ft	½ screen Volume
---	60.47	115.25	54.78	---	—	—	—	=24 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

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
1349	ABOVE	24	2.0	66.95	7.01	22.95	20.7	0.109	0.00	-274	clear, odorless
1352	0.5	30.5	2.1	66.92	7.04	22.97	67.2	0.110	0.00	-249	clear
1355	1.0	37	2.1	67.01	7.05	22.95	38.5	0.110	0.00	-239	clear
1359 NC	1.5	43.5	1.6	67.19	7.06	22.90	14.8	0.109	0.00	-232	clear
1402	2.0	50	2.1	67.28	7.08	22.90	9.6	0.109	0.00	-231	clear
1405	2.5	56.5	2.1	67.29	7.12	22.90	6.0	0.109	0.00	-233	clear
1408	3.0	63	2.1	67.30	7.11	22.90	6.1	0.109	0.00	-234	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
1337	1408	2.0	63	(ABOVE 3 SCREENS	71.43	67.30	1410	MWC023_WG092205_0001

Notes:

ft-bmp = feet below measuring point

BOE-C6-0105376

Groundwater Sampling Data Sheet

ENTERED TH 10/09

TAIT Environmental Management, Inc

Page ___ of ___

Project Name: Sept. 2005 Sampling BRC C-6	**Date:** 9/22/05
Project No.: EM 2303D	**Prepared By:** NC
Well Identification: CMW002	**Weather:** sunny, ~80°F
Measurement Point Description: TOC - Mark	**Pump Intake:** — **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
---	63.51	—	—	---	—	—	—	—	—	—

	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: Submersible Pump, micropurge

Well Condition: good

Time	Casing/ Screen	Volume Purged (gallons)	Flow Rate (gpm)	Water Level (ft-bmp)	Ph	Temperature (°C)	Turbidity (NTU)	Conductivity (_____)	Dissolved Oxygen (mg/L)	ORP (mV)	Observations

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
Purged 18 minutes		—	7.5	—	—	63.61	1500	CMW002-WG092205-0001

Notes: Well sampled in coordination with Stephen Adu-Gyamfi of Arcadis, conducted micropurge

ft-bmp = feet below measuring point

BOE-C6-0105377

APPENDIX C

BOE-C6-0105378

Appendix C

Laboratory reports and Chain of custodies

SEVERN TRENT STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

September 29, 2005

STL LOT NUMBER: E5I200157
NELAP Certification Number: 01118CA/E87652
PO/CONTRACT: 050160-SEV01-002

Mehmet Pehlivan
Tait Environmental
701 Park Center Dr
Santa Ana, CA 92705

Dear Mr. Pehlivan,

This report contains the analytical results for the 12 samples received under chain of custody by STL Los Angeles on September 20, 2005. These samples are associated with your Boeing former C6 facility Torrance, California project.

All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the tests performed at our facility meet all NELAP requirements for parameters for which accreditation is required or available. The case narrative is an integral part of the report. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610 extension 325.

Sincerely,

Diane Suzuki
Project Manager

CC: Project File

Page 1 of 000046 total pages in this report.

LOT NUMBER E5I200157

Nonconformance 05-14009

Affected Samples:
E5I200157 (2): DB_TAIT091905_0001
E5I200157 (3): WCC_6S_WG091905_0001
E5I200157 (8): FB_TAIT091905_0001
E5I200157 (10): MWG002_WG091905_0001

Affected Methods:
8260B

Case Narrative:
One VOA vials from samples above contain bubbles > 6mm in diameter. Analysis is performed on a VOA vial without headspace when available.

BOE-C6-0105381

I200157

[redacted]

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

ESI 200157

TL-4124 (0901)

Client: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET PEHLIVAN	Date: 9/19/05	Chain of Custody Number: 216983
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): SEPT. 2005 SAMPLING BRC 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: 8260B	Special Instructions/ Conditions of Receipt
TB-TAIT091905-0001	9/19/05	—		X							3				X	
DB-TAIT091905-0001	↓	900		X							3				X	
NCC-6S-WG091905-0001		1040		X							4				X	
NCC-3S-WG091905-0001		1200		X							4				X	
EB-TAIT091905-0001		1225		X							3				X	
MW-14-WG091905-0001		1330		X							4				X	
MWB013-WG091905-0001		1435		X							4				X	
FB-TAIT091905-0001		1200		X							3				X	
MWG001-WG091905-0001		1230		X							4				X	
MWG002-WG091905-0001		1327		X							4				X	
MWC007-WG091905-0001		1510		X							4				X	
MWC007-WG091905-0002	↓	1510		X							4				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)

1. Relinquished By: Mutya Chandra	Date: 9/19/05	Time: 1615	1. Received By: [signature]	Date: 9/19/05	Time: 1615
2. Relinquished By: [signature]	Date: 9/19/05	Time: 5:00 pm	2. Received By: [signature]	Date: 9/19/05	Time: 17:00
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

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

3

BOE-C6-0105382

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 9/19/05

LIMS Lot #: ESI 200157 Quote #: 40334

Client Name: Tait environmental management Project: Mehmet pehlivan

Received by: CA Date/Time Received: 9/19/05 17:00

Delivered by : ☐ Client ☒ STL ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other

****

	Initial / Date
Custody Seal Status Cooler: ☐ Intact ☐ Broken ☒ None	CA 9/19/05
Custody Seal Status Samples: ☐ Intact ☐ Broken ☐ None	
Custody Seal #(s): ☒ No Seal #	
Sampler Signature on COC ☐ Yes ☐ No ☒ N/A	
IR Gun # A Correction Factor .4 °C IR passed daily verification ☒ Yes ☐ No	
Temperature - **BLANK** 2.5 °C +/- .4 CF = 2.1 °C	
Temperature – **COOLER** (____ °C ____ °C ____ °C ____ °C) = ____ avg °C +/- ____ CF = ____ °C	
Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒ N/A	
Sample Container(s): ☒ STL-LA ☐ Client	
One COC/Multiple coolers: ☐ Yes- # coolers ____ All within temp criteria ☐ Yes ☐ No ☒ N/A	
One or more coolers with an anomaly: ☐ Yes – (fill out PRC for each) ☒ N/A	
Samples: ☒ Intact ☐ Broken ☐ Other	
pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☒ N/A	
Anomalies: ☐ No ☒ Yes – complete CUR and Create NCM NCM #	
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☐ Yes ☒ N/A	
Labeled by: CA Labeling checked	

****

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL	
Short-Hold Notification: ☐ pH ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☐ >1/2 HT expired…	CA 9/19/05

Outside Analysis(es) (Test/Lab/Date Sent Out) :

_____

_____

_____

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☐ N/A CA 9/19/05

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
002 CA	1	☒ > 6mm			☐ > 6mm
004 3 9/20/05	1	☒ > 6mm			☐ > 6mm
008	1	☒ > 6mm			☐ > 6mm
010	1	☒ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

BOE-C6-0105383

LIMS Lot # E51 L0001

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1	2	3	4	5	6	7	8	9	10	11	12		
VOAH/ *	3	3	4	4	3	4	4	3	4	4	4	4		

* VOA with headspace/bubbles < 6mm

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

☐N/A CA 9/19/05

- **COOLERS**
  - ☐ Not Received (received COC only)
  - ☐ Leaking
  - ☐ Other:
- **CUSTODY SEALS (COOLER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other
- **CONTAINER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other
- **TEMPERATURE (SPECS 4 ± 2°C)**
  - ☐ Cooler Temp(s)
  - ☐ Temperature Blank(s)
- **CHAIN OF CUSTODY (COC)**
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other ☐ COC not received – notify PM
- **CONTAINERS**
  - ☐ Leaking ☒ Voa Vials with Bubbles > 6mm
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☐ Other:
- **LABELS**
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
  - ☐ Markings/Info illegible
  - ☐ Torn
- **SAMPLES**
  - ☐ Samples NOT RECEIVED but listed on COC
  - ☐ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
  - ☐ Will be noted on COC--Client to send samples with new COC
  - ☐ Mislabeled as to tests, preservatives, etc.
  - ☐ Holding time expired – list sample ID and test
  - ☐ Improper container used
  - ☐ Not preserved/Improper preservative used
  - ☐ Improper pH _____ Lab to preserve sample and document
  - ☐ Insufficient quantities for analysis ☐ Other

Comments:

☐ Corrective Action Implemented:

☐ Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____

☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: Albert Vargas 9-20-05 **PM Review/Date:** MVC 9/20/05

SEVERN TRENT STL

Analytical Report

BOE-C6-0105385

EXECUTIVE SUMMARY - Detection Highlights

E5I200157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB_TAIT091905_0001 09/19/05 001				
Acetone	5.1 J	10	ug/L	SW846 8260B
DB_TAIT091905_0001 09/19/05 09:00 002				
Methylene chloride	0.31 J	1.0	ug/L	SW846 8260B
Acetone	3.6 J	10	ug/L	SW846 8260B
WCC_6S_WG091905_0001 09/19/05 10:40 003				
1,1-Dichloroethene	11000	250	ug/L	SW846 8260B
trans-1,2-Dichloroethene	230 J	250	ug/L	SW846 8260B
1,1-Dichloroethane	250	250	ug/L	SW846 8260B
cis-1,2-Dichloroethene	4200	250	ug/L	SW846 8260B
Trichloroethene	1300	250	ug/L	SW846 8260B
Toluene	2800	250	ug/L	SW846 8260B
WCC_3S_WG091905_0001 09/19/05 12:00 004				
1,1-Dichloroethene	8600	330	ug/L	SW846 8260B
trans-1,2-Dichloroethene	230 J	330	ug/L	SW846 8260B
1,1-Dichloroethane	190 J	330	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2300	330	ug/L	SW846 8260B
1,1,1-Trichloroethane	110 J	330	ug/L	SW846 8260B
Benzene	110 J	330	ug/L	SW846 8260B
Trichloroethene	820	330	ug/L	SW846 8260B
Toluene	22000	330	ug/L	SW846 8260B
Vinyl chloride	810	170	ug/L	SW846 8260B
EB_TAIT091905_0001 09/19/05 12:25 005				
1,2-Dichlorobenzene	0.86 J	1.0	ug/L	SW846 8260B
TMW_14_WG091905_0001 09/19/05 13:30 006				
cis-1,2-Dichloroethene	0.39 J	1.0	ug/L	SW846 8260B
Chloroform	1.6	1.0	ug/L	SW846 8260B
Carbon tetrachloride	1.5	0.50	ug/L	SW846 8260B
Trichloroethene	7.3	1.0	ug/L	SW846 8260B
Toluene	0.49 J	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.7	1.0	ug/L	SW846 8260B

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BOE-C6-0105386

EXECUTIVE SUMMARY - Detection Highlights

E5I200157

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWB013_WG091905_0001 09/19/05 14:35 007				
1,1-Dichloroethene	0.63 J	1.0	ug/L	SW846 8260B
Chloroform	0.48 J	1.0	ug/L	SW846 8260B
Trichloroethene	5.7	1.0	ug/L	SW846 8260B
Bromodichloromethane	0.37 J	1.0	ug/L	SW846 8260B
Toluene	0.48 J	1.0	ug/L	SW846 8260B
FB_TAIT091905_0001 09/19/05 12:00 008				
Methylene chloride	0.31 J	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	0.48 J	1.0	ug/L	SW846 8260B
MWG001_WG091905_0001 09/19/05 12:30 009				
1,1-Dichloroethene	2.3	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.0	1.0	ug/L	SW846 8260B
Trichloroethene	5.5	1.0	ug/L	SW846 8260B
MWG002_WG091905_0001 09/19/05 12:37 010				
cis-1,2-Dichloroethene	1.2 J	2.0	ug/L	SW846 8260B
Trichloroethene	120	2.0	ug/L	SW846 8260B
MWC007_WG091905_0001 09/19/05 15:10 011				
1,1-Dichloroethene	2.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.88 J	1.0	ug/L	SW846 8260B
Trichloroethene	3.2	1.0	ug/L	SW846 8260B
MWC007_WG091905_0002 09/19/05 15:10 012				
1,1-Dichloroethene	2.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	0.85 J	1.0	ug/L	SW846 8260B
Trichloroethene	3.2	1.0	ug/L	SW846 8260B

METHODS SUMMARY

E5I200157

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.

BOE-C6-0105388

SAMPLE SUMMARY

E5I200157

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HKXWV	001	TB_TAIT091905_0001	09/19/05	
HKXW7	002	DB_TAIT091905_0001	09/19/05	09:00
HKXW8	003	WCC_6S_WG091905_0001	09/19/05	10:40
HKXXH	004	WCC_3S_WG091905_0001	09/19/05	12:00
HKXXK	005	EB_TAIT091905_0001	09/19/05	12:25
HKXXL	006	TMW_14_WG091905_0001	09/19/05	13:30
HKXXR	007	MWB013_WG091905_0001	09/19/05	14:35
HKXXV	008	FB_TAIT091905_0001	09/19/05	12:00
HKXXW	009	MWG001_WG091905_0001	09/19/05	12:30
HKXXX	010	MWG002_WG091905_0001	09/19/05	12:37
HKXX0	011	MWC007_WG091905_0001	09/19/05	15:10
HKXX2	012	MWC007_WG091905_0002	09/19/05	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, filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

BOE-C6-0105389

Tait Environmental

Client Sample ID: TB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-001 **Work Order #...:** HKXWV1AA **Matrix.....:** W
Date Sampled...: 09/19/05 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**5.1 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105390

Tait Environmental

Client Sample ID: TB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-001 **Work Order #...:** HKXWV1AA **Matrix.....:** W

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
_,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	88	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: DB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-002 **Work Order #...:** HKXW71AA **Matrix.....:** W
Date Sampled...: 09/19/05 09:00 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**0.31 J**	**1.0**	**ug/L**
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	**3.6 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105392

Tait Environmental

Client Sample ID: DB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-002 **Work Order #...:** HKXW71AA **Matrix.....:** W

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	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: WCC_6S_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-003 **Work Order #...:** HKXW81AA **Matrix.....:** W
Date Sampled...: 09/19/05 10:40 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**11000**	**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	**230 J**	**250**	**ug/L**
1,1-Dichloroethane	**250**	**250**	**ug/L**
2,2-Dichloropropane	ND	250	ug/L
cis-1,2-Dichloroethene	**4200**	**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	**1300**	**250**	**ug/L**
Bromodichloromethane	ND	250	ug/L
4-Methyl-2-pentanone	ND	1200	ug/L
Toluene	**2800**	**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

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BOE-C6-0105394

Tait Environmental

Client Sample ID: WCC_6S_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-003 **Work Order #...:** HKXW81AA **Matrix.....:** W

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	91	(75 - 130)
1,2-Dichloroethane-d4	92	(65 - 135)
Toluene-d8	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: WCC_3S_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-004 **Work Order #...:** HKXXH1AA **Matrix.....:** W
Date Sampled...: 09/19/05 12:00 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	330	ug/L
Chloromethane	ND	670	ug/L
Chloroethane	ND	670	ug/L
Bromomethane	ND	670	ug/L
Trichlorofluoromethane	ND	670	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	330	ug/L
1,1-Dichloroethene	**8600**	**330**	**ug/L**
Methylene chloride	ND	330	ug/L
Methyl tert-butyl ether	ND	330	ug/L
Carbon disulfide	ND	330	ug/L
Acetone	ND	3300	ug/L
trans-1,2-Dichloroethene	**230 J**	**330**	**ug/L**
1,1-Dichloroethane	**190 J**	**330**	**ug/L**
2,2-Dichloropropane	ND	330	ug/L
cis-1,2-Dichloroethene	**2300**	**330**	**ug/L**
Chloroform	ND	330	ug/L
Bromochloromethane	ND	330	ug/L
1,1,1-Trichloroethane	**110 J**	**330**	**ug/L**
2-Butanone	ND	1700	ug/L
1,1-Dichloropropene	ND	330	ug/L
Carbon tetrachloride	ND	170	ug/L
1,2-Dibromoethane	ND	330	ug/L
Benzene	**110 J**	**330**	**ug/L**
Trichloroethene	**820**	**330**	**ug/L**
Bromodichloromethane	ND	330	ug/L
4-Methyl-2-pentanone	ND	1700	ug/L
Toluene	**22000**	**330**	**ug/L**
1,1,2-Trichloroethane	ND	330	ug/L
1,2-Dichloroethane	ND	170	ug/L
Tetrachloroethene	ND	330	ug/L
2-Hexanone	ND	1700	ug/L
Dibromochloromethane	ND	330	ug/L
Chlorobenzene	ND	330	ug/L
1,1,1,2-Tetrachloroethane	ND	330	ug/L
Ethylbenzene	ND	330	ug/L
Vinyl chloride	**810**	**170**	**ug/L**
Xylenes (total)	ND	330	ug/L
Styrene	ND	330	ug/L
Bromoform	ND	330	ug/L

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BOE-C6-0105396

Tait Environmental

Client Sample ID: WCC_3S_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-004 **Work Order #...:** HKXXH1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	330	ug/L
1,1,2,2-Tetrachloroethane	ND	330	ug/L
1,2,3-Trichloropropane	ND	330	ug/L
n-Propylbenzene	ND	330	ug/L
Bromobenzene	ND	330	ug/L
1,3,5-Trimethylbenzene	ND	330	ug/L
2-Chlorotoluene	ND	330	ug/L
4-Chlorotoluene	ND	330	ug/L
tert-Butylbenzene	ND	330	ug/L
1,2,4-Trimethylbenzene	ND	330	ug/L
sec-Butylbenzene	ND	330	ug/L
p-Isopropyltoluene	ND	330	ug/L
1,3-Dichlorobenzene	ND	330	ug/L
1,4-Dichlorobenzene	ND	330	ug/L
n-Butylbenzene	ND	330	ug/L
1,2-Dichlorobenzene	ND	330	ug/L
1,2-Dibromo-3-chloro-propane	ND	670	ug/L
1,2,4-Trichloro-benzene	ND	330	ug/L
Hexachlorobutadiene	ND	330	ug/L
1,2,3-Trichlorobenzene	ND	330	ug/L
Acrolein	ND	6700	ug/L
Acrylonitrile	ND	6700	ug/L
Iodomethane	ND	670	ug/L
2-Chloroethyl vinyl ether	ND	1700	ug/L
Tetrahydrofuran	ND	3300	ug/L
Vinyl acetate	ND	1700	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105397

Tait Environmental

Client Sample ID: EB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-005 **Work Order #...:** HKXXK1AA **Matrix.....:** W
Date Sampled...: 09/19/05 12:25 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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)

BOE-C6-0105398

Tait Environmental

Client Sample ID: EB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-005 **Work Order #...:** HKXXK1AA **Matrix.....:** W

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	**0.86 J**	**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	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: TMW_14_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-006 **Work Order #...:** HKXXL1AA **Matrix.....:** W
Date Sampled...: 09/19/05 13:30 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**0.39 J**	**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	**1.5**	**0.50**	**ug/L**
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	**7.3**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	**0.49 J**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	**1.7**	**1.0**	**ug/L**
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105400

Tait Environmental

Client Sample ID: TMW_14_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-006 **Work Order #...:** HKXXL1AA **Matrix.....:** W

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	95	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105401

Tait Environmental

Client Sample ID: MWB013_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-007 **Work Order #...:** HKXXR1AA **Matrix.....:** W
Date Sampled...: 09/19/05 14:35 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**0.63 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	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	**0.48 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	**5.7**	**1.0**	**ug/L**
Bromodichloromethane	**0.37 J**	**1.0**	**ug/L**
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	**0.48 J**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105402

Tait Environmental

Client Sample ID: MWB013_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-007 **Work Order #...:** HKXXR1AA **Matrix.....:** W

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	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: FB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-008 **Work Order #...:** HKXXV1AA **Matrix.....:** W
Date Sampled...: 09/19/05 12:00 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**0.31 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

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Tait Environmental

Client Sample ID: FB_TAIT091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-008 **Work Order #...:** HKXXV1AA **Matrix.....:** W

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	**0.48 J**	**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	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWG001_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-009 **Work Order #...:** HKXXW1AA **Matrix.....:** W
Date Sampled...: 09/19/05 12:30 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**2.3**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	10	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**2.0**	**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	**5.5**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105406

Tait Environmental

Client Sample ID: MWG001_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-009 **Work Order #...:** HKXXW1AA **Matrix.....:** W

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	96	(65 - 135)
Toluene-d8	95	(80 - 130)

Tait Environmental

Client Sample ID: MWG002_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-010 **Work Order #...:** HKXXX1AA **Matrix.....:** W
Date Sampled...: 09/19/05 12:37 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.0	ug/L
Chloromethane	ND	4.0	ug/L
Chloroethane	ND	4.0	ug/L
Bromomethane	ND	4.0	ug/L
Trichlorofluoromethane	ND	4.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	2.0	ug/L
1,1-Dichloroethene	ND	2.0	ug/L
Methylene chloride	ND	2.0	ug/L
Methyl tert-butyl ether	ND	2.0	ug/L
Carbon disulfide	ND	2.0	ug/L
Acetone	ND	20	ug/L
trans-1,2-Dichloroethene	ND	2.0	ug/L
1,1-Dichloroethane	ND	2.0	ug/L
2,2-Dichloropropane	ND	2.0	ug/L
cis-1,2-Dichloroethene	**1.2 J**	**2.0**	**ug/L**
Chloroform	ND	2.0	ug/L
Bromochloromethane	ND	2.0	ug/L
1,1,1-Trichloroethane	ND	2.0	ug/L
2-Butanone	ND	10	ug/L
1,1-Dichloropropene	ND	2.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
1,2-Dibromoethane	ND	2.0	ug/L
Benzene	ND	2.0	ug/L
Trichloroethene	**120**	**2.0**	**ug/L**
Bromodichloromethane	ND	2.0	ug/L
4-Methyl-2-pentanone	ND	10	ug/L
Toluene	ND	2.0	ug/L
1,1,2-Trichloroethane	ND	2.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	2.0	ug/L
2-Hexanone	ND	10	ug/L
Dibromochloromethane	ND	2.0	ug/L
Chlorobenzene	ND	2.0	ug/L
1,1,1,2-Tetrachloroethane	ND	2.0	ug/L
Ethylbenzene	ND	2.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	2.0	ug/L
Styrene	ND	2.0	ug/L
Bromoform	ND	2.0	ug/L

(Continued on next page)

Tait Environmental

Client Sample ID: MWG002_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-010 **Work Order #...:** HKXXX1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	2.0	ug/L
1,1,2,2-Tetrachloroethane	ND	2.0	ug/L
1,2,3-Trichloropropane	ND	2.0	ug/L
n-Propylbenzene	ND	2.0	ug/L
Bromobenzene	ND	2.0	ug/L
1,3,5-Trimethylbenzene	ND	2.0	ug/L
2-Chlorotoluene	ND	2.0	ug/L
4-Chlorotoluene	ND	2.0	ug/L
tert-Butylbenzene	ND	2.0	ug/L
1,2,4-Trimethylbenzene	ND	2.0	ug/L
sec-Butylbenzene	ND	2.0	ug/L
p-Isopropyltoluene	ND	2.0	ug/L
1,3-Dichlorobenzene	ND	2.0	ug/L
1,4-Dichlorobenzene	ND	2.0	ug/L
n-Butylbenzene	ND	2.0	ug/L
1,2-Dichlorobenzene	ND	2.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	4.0	ug/L
1,2,4-Trichloro-benzene	ND	2.0	ug/L
Hexachlorobutadiene	ND	2.0	ug/L
1,2,3-Trichlorobenzene	ND	2.0	ug/L
Acrolein	ND	40	ug/L
Acrylonitrile	ND	40	ug/L
Iodomethane	ND	4.0	ug/L
2-Chloroethyl vinyl ether	ND	10	ug/L
Tetrahydrofuran	ND	20	ug/L
Vinyl acetate	ND	10	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC007_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-011 **Work Order #...:** HKXX01AA **Matrix.....:** W
Date Sampled...: 09/19/05 15:10 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**2.1**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	10	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**0.88 J**	**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	**3.2**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105410

Tait Environmental

Client Sample ID: MWC007_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-011 **Work Order #...:** HKXX01AA **Matrix.....:** W

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	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC007_WG091905_0002

GC/MS Volatiles

Lot-Sample #...: E5I200157-012 **Work Order #...:** HKXX21AA **Matrix.....:** W
Date Sampled...: 09/19/05 15:10 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**2.1**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	10	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**0.85 J**	**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	**3.2**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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Tait Environmental

Client Sample ID: MWC007_WG091905_0002

GC/MS Volatiles

Lot-Sample #...: E5I200157-012 **Work Order #...:** HKXX21AA **Matrix.....:** W

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
_,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	94	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

SEVERN TRENT STL

QA/QC

BOE-C6-0105414

QC DATA ASSOCIATION SUMMARY

E5I200157

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	SW846 8260B		5265650	5265375
002	W	SW846 8260B		5265650	5265375
003	W	SW846 8260B		5265650	5265375
004	W	SW846 8260B		5265650	5265375
005	W	SW846 8260B		5265650	5265375
006	W	SW846 8260B		5265650	5265375
007	W	SW846 8260B		5265650	5265375
008	W	SW846 8260B		5265650	5265375
009	W	SW846 8260B		5265650	5265375
010	W	SW846 8260B		5265650	5265375
011	W	SW846 8260B		5265650	5265375
012	W	SW846 8260B		5265650	5265375

BOE-C6-0105415

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AA **Matrix.....:** WATER
MB Lot-Sample #: E5I220000-650

Prep Date.....: 09/22/05
Analysis Date..: 09/22/05 **Prep Batch #...:** 5265650

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

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BOE-C6-0105416

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AA **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-enzene	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	92	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

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

BOE-C6-0105417

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I220000-650
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	93	(40 - 160)	SW846 8260B
Chloromethane	97	(60 - 140)	SW846 8260B
Chloroethane	91	(60 - 140)	SW846 8260B
Bromomethane	119	(60 - 140)	SW846 8260B
t-Butanol	72	(40 - 150)	SW846 8260B
Trichlorofluoromethane	84	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	91	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**92**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	85	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	80	(70 - 130)	SW846 8260B
Carbon disulfide	90	(70 - 130)	SW846 8260B
Acetone	87	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	87	(70 - 130)	SW846 8260B
1,1-Dichloroethane	85	(70 - 130)	SW846 8260B
Dibromomethane	82	(70 - 130)	SW846 8260B
2,2-Dichloropropane	81	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	86	(70 - 130)	SW846 8260B
Chloroform	83	(70 - 130)	SW846 8260B
Bromochloromethane	86	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	90	(70 - 130)	SW846 8260B
2-Butanone	81	(60 - 140)	SW846 8260B
1,1-Dichloropropene	86	(70 - 130)	SW846 8260B
1,2-Dichloropropane	85	(70 - 130)	SW846 8260B
Carbon tetrachloride	92	(70 - 130)	SW846 8260B
1,3-Dichloropropane	81	(70 - 130)	SW846 8260B
1,2-Dibromoethane	80	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	88	(70 - 130)	SW846 8260B
Benzene	**85**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	82	(70 - 130)	SW846 8260B
Trichloroethene	**88**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	90	(70 - 130)	SW846 8260B
Isopropyl ether	86	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	84	(60 - 140)	SW846 8260B
Naphthalene	77	(60 - 140)	SW846 8260B

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BOE-C6-0105418

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I220000-650

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	80	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	83	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	82	(70 - 130)	SW846 8260B
1,2-Dichloroethane	85	(70 - 130)	SW846 8260B
Tetrachloroethene	87	(70 - 130)	SW846 8260B
2-Hexanone	86	(60 - 140)	SW846 8260B
Dibromochloromethane	86	(70 - 130)	SW846 8260B
Chlorobenzene	**86**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	88	(70 - 130)	SW846 8260B
Ethylbenzene	89	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	89	(70 - 130)	SW846 8260B
Vinyl chloride	90	(60 - 140)	SW846 8260B
o-Xylene	86	(70 - 130)	SW846 8260B
Styrene	86	(70 - 130)	SW846 8260B
Bromoform	79	(70 - 130)	SW846 8260B
Isopropylbenzene	78	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	75	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	78	(70 - 130)	SW846 8260B
n-Propylbenzene	85	(70 - 130)	SW846 8260B
Bromobenzene	84	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)	SW846 8260B
2-Chlorotoluene	87	(70 - 130)	SW846 8260B
4-Chlorotoluene	90	(70 - 130)	SW846 8260B
tert-Butylbenzene	87	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	87	(70 - 130)	SW846 8260B
sec-Butylbenzene	90	(70 - 130)	SW846 8260B
p-Isopropyltoluene	82	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	82	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	83	(70 - 130)	SW846 8260B
n-Butylbenzene	84	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	80	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	78	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	79	(70 - 130)	SW846 8260B
Hexachlorobutadiene	85	(70 - 130)	SW846 8260B

(Continued on next page)

BOE-C6-0105419

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I220000-650

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	79	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	86	(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

BOE-C6-0105420

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I220000-650
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	9.27	ug/L	93	SW846 8260B
Chloromethane	10.0	9.68	ug/L	97	SW846 8260B
Chloroethane	10.0	9.08	ug/L	91	SW846 8260B
Bromomethane	10.0	11.9	ug/L	119	SW846 8260B
t-Butanol	50.0	35.8	ug/L	72	SW846 8260B
Trichlorofluoromethane	10.0	8.36	ug/L	84	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.14	ug/L	91	SW846 8260B
1,1-Dichloroethene	**10.0**	**9.18**	**ug/L**	**92**	**SW846 8260B**
Methylene chloride	10.0	8.49	ug/L	85	SW846 8260B
Methyl tert-butyl ether	10.0	8.01	ug/L	80	SW846 8260B
Carbon disulfide	50.0	45.2	ug/L	90	SW846 8260B
Acetone	50.0	43.5	ug/L	87	SW846 8260B
trans-1,2-Dichloroethene	10.0	8.70	ug/L	87	SW846 8260B
1-Dichloroethane	10.0	8.48	ug/L	85	SW846 8260B
Bromomethane	10.0	8.21	ug/L	82	SW846 8260B
2,2-Dichloropropane	10.0	8.07	ug/L	81	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.58	ug/L	86	SW846 8260B
Chloroform	10.0	8.28	ug/L	83	SW846 8260B
Bromochloromethane	10.0	8.63	ug/L	86	SW846 8260B
1,1,1-Trichloroethane	10.0	9.02	ug/L	90	SW846 8260B
2-Butanone	50.0	40.7	ug/L	81	SW846 8260B
1,1-Dichloropropene	10.0	8.65	ug/L	86	SW846 8260B
1,2-Dichloropropane	10.0	8.48	ug/L	85	SW846 8260B
Carbon tetrachloride	10.0	9.22	ug/L	92	SW846 8260B
1,3-Dichloropropane	10.0	8.09	ug/L	81	SW846 8260B
1,2-Dibromoethane	10.0	8.05	ug/L	80	SW846 8260B
cis-1,3-Dichloropropene	10.0	8.76	ug/L	88	SW846 8260B
Benzene	**10.0**	**8.53**	**ug/L**	**85**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.16	ug/L	82	SW846 8260B
Trichloroethene	**10.0**	**8.80**	**ug/L**	**88**	**SW846 8260B**
Bromodichloromethane	10.0	8.97	ug/L	90	SW846 8260B
Isopropyl ether	10.0	8.64	ug/L	86	SW846 8260B
4-Methyl-2-pentanone	50.0	41.8	ug/L	84	SW846 8260B
Naphthalene	10.0	7.72	ug/L	77	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I220000-650

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**8.78**	**ug/L**	**88**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.04	ug/L	80	SW846 8260B
Tert-amyl methyl ether	10.0	8.32	ug/L	83	SW846 8260B
Tert-butyl ethyl ether	10.0	8.20	ug/L	82	SW846 8260B
1,2-Dichloroethane	10.0	8.54	ug/L	85	SW846 8260B
Tetrachloroethene	10.0	8.67	ug/L	87	SW846 8260B
2-Hexanone	50.0	43.1	ug/L	86	SW846 8260B
Dibromochloromethane	10.0	8.60	ug/L	86	SW846 8260B
Chlorobenzene	**10.0**	**8.56**	**ug/L**	**86**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.79	ug/L	88	SW846 8260B
Ethylbenzene	10.0	8.94	ug/L	89	SW846 8260B
m-Xylene & p-Xylene	20.0	17.8	ug/L	89	SW846 8260B
Vinyl chloride	10.0	9.01	ug/L	90	SW846 8260B
o-Xylene	10.0	8.62	ug/L	86	SW846 8260B
Styrene	10.0	8.64	ug/L	86	SW846 8260B
Bromoform	10.0	7.86	ug/L	79	SW846 826[illegible]
Isopropylbenzene	10.0	7.76	ug/L	78	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	7.46	ug/L	75	SW846 8260B
1,2,3-Trichloropropane	10.0	7.85	ug/L	78	SW846 8260B
n-Propylbenzene	10.0	8.52	ug/L	85	SW846 8260B
Bromobenzene	10.0	8.37	ug/L	84	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.10	ug/L	91	SW846 8260B
2-Chlorotoluene	10.0	8.70	ug/L	87	SW846 8260B
4-Chlorotoluene	10.0	8.96	ug/L	90	SW846 8260B
tert-Butylbenzene	10.0	8.71	ug/L	87	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.74	ug/L	87	SW846 8260B
sec-Butylbenzene	10.0	8.98	ug/L	90	SW846 8260B
p-Isopropyltoluene	10.0	8.24	ug/L	82	SW846 8260B
1,3-Dichlorobenzene	10.0	8.21	ug/L	82	SW846 8260B
1,4-Dichlorobenzene	10.0	8.28	ug/L	83	SW846 8260B
n-Butylbenzene	10.0	8.45	ug/L	84	SW846 8260B
1,2-Dichlorobenzene	10.0	8.05	ug/L	80	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.78	ug/L	78	SW846 8260B
1,2,4-Trichloro-benzene	10.0	7.86	ug/L	79	SW846 8260B
Hexachlorobutadiene	10.0	8.48	ug/L	85	SW846 8260B

(Continued on next page)

BOE-C6-0105422

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HK7P51AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I220000-650

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	7.88	ug/L	79	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 130)
1,2-Dichloroethane-d4	86	(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

BOE-C6-0105423

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I200157 **Work Order #...:** HKXW81AC-MS **Matrix.....:** W
MS Lot-Sample #: E5I200157-003 HKXW81AD-MSD
Date Sampled...: 09/19/05 10:40 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**78**	**(65 - 135)**			**SW846 8260B**
	75	**(65 - 135)**	**0.32**	**(0-25)**	**SW846 8260B**
Benzene	**89**	**(75 - 125)**			**SW846 8260B**
	87	**(75 - 125)**	**1.7**	**(0-25)**	**SW846 8260B**
Trichloroethene	**87**	**(75 - 135)**			**SW846 8260B**
	84	**(75 - 135)**	**1.9**	**(0-25)**	**SW846 8260B**
Toluene	**92**	**(75 - 125)**			**SW846 8260B**
	84	**(75 - 125)**	**2.5**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**88**	**(75 - 125)**			**SW846 8260B**
	87	**(75 - 125)**	**2.0**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
	96	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	92	(65 - 135)
Toluene-d8	97	(80 - 130)
	95	(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 #...: E5I200157 **Work Order #...:** HKXW81AC-MS **Matrix.....:** W
MS Lot-Sample #: E5I200157-003 HKXW81AD-MSD
Date Sampled...: 09/19/05 10:40 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**11000**	**1430**	**12300**	**ug/L**	**78**		**SW846 8260B**
	11000	**1430**	**12200**	**ug/L**	**75**	**0.32**	**SW846 8260B**
Benzene	**ND**	**1430**	**1330**	**ug/L**	**89**		**SW846 8260B**
	ND	**1430**	**1310**	**ug/L**	**87**	**1.7**	**SW846 8260B**
Trichloroethene	**1300**	**1430**	**2540**	**ug/L**	**87**		**SW846 8260B**
	1300	**1430**	**2490**	**ug/L**	**84**	**1.9**	**SW846 8260B**
Toluene	**2800**	**1430**	**4080**	**ug/L**	**92**		**SW846 8260B**
	2800	**1430**	**3980**	**ug/L**	**84**	**2.5**	**SW846 8260B**
Chlorobenzene	**ND**	**1430**	**1260**	**ug/L**	**88**		**SW846 8260B**
	ND	**1430**	**1240**	**ug/L**	**87**	**2.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
P mofluorobenzene	96	(75 - 130)
	96	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
	92	(65 - 135)
Toluene-d8	97	(80 - 130)
	95	(80 - 130)

NOTE(S):

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

Bold print denotes control parameters

BOE-C6-0105425

SEVERN TRENT STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

September 28, 2005

STL LOT NUMBER: E5I210421
NELAP Certification Number: 01118CA/E87652
PO/CONTRACT: 050160-SEV01-002

Mehmet Pehlivan
Tait Environmental
701 Park Center Dr
Santa Ana, CA 92705

Dear Mr. Pehlivan,

This report contains the analytical results for the 15 samples received under chain of custody by STL Los Angeles on September 21, 2005. These samples are associated with your Boeing former C6 facility Torrance, California project.

All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the tests performed at our facility meet all NELAP requirements for parameters for which accreditation is required or available. The case narrative is an integral part of the report. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610 extension 325.

Sincerely,

Diane Suzuki
Project Manager

CC: Project File

Page 1 of 000064 total pages in this report.

LOT NUMBER E5I210421

Nonconformance 05-14028

Affected Samples:
E5I210421 (1): MWC021_WG092005_0001
E5I210421 (3): TB_TAIT092105_0001

Affected Methods:
8260B VOC

Case Narrative:
One VOA vials from sample E5I210421 (1): MWC021_WG092005_0001 above contain a bubble > 6mm in diameter. Three VOA vials from sample E5I210421 (3): TB_TAIT092105_0001 contain bubbles > 6mm in diameter. Analysis is performed on a VOA vial without headspace when available.

[redacted]

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

GSI 210421

TL-4124 (0901)

Client: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET PEHLIVAN	Date: 9/20/05	Chain of Custody Number: 216984
Address: 701 N. PARKCENTER DR.	Telephone Number (Area Code)/Fax Number: (714)560-8200 / 560-8235	Lab Number	Page 1 of 2
City: SANTA ANA; State: CA; Zip Code: 92705	Site Contact: N. CHANDRAN	Lab Contact: D. SUZUKI	
Project Name and Location (State): SEPT. 2005 SAMPLING TORRANCE BRC C-6	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): 8260B	Special Instructions/ Conditions of Receipt
MWC02L_WG092005_0001	9/20/05	1125		X							4				X	
WCC-5S_WG092005_0001	9/20/05	1130		X							4				X	
TB-TAIT092105_0001	9/21/05	—		X							3				X	
DB-TAIT092105_0001	9/21/05	730		X							3				X	
FB-TAIT092105_0001	9/21/05	820		X							3				X	
TMW-15-WG092105_0001	9/21/05	825		X							4				X	
TMW-10-WG092105_0001	9/21/05	935		X							4				X	
WCC-12S_WG092105_0001	9/21/05	1035		X							4				X	
WCC-9S_WG092105_0001	9/21/05	1140		X							4				X	
~~WCC~~ MWB020_WG092105_0001	9/21/05	1255		X							4				X	
MWB020-WG092105_0002	9/21/05	1255		X							4				X	
TMW-11-WG092105_0001	9/21/05	1335		X							4				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 Chandra	9/21/05	1545	1. Received By: Vincent Pallile	9/21/05	1545
2. Relinquished By: Vincent Pallile	9/21/05	1710	2. Received By: [illegible]	9/21/05	17:10
3. Relinquished By			3. Received By		

Comments: Temp ~ 5.0 - 0.4 = 4.6

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

I210421

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc. ESI 210421

TL-4124 (0901)

Client: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET PEHLIVAN	Date: 9/21/05	Chain of Custody Number: 216982
Address: 701 N. PARKCENTER DR.	Telephone Number (Area Code)/Fax Number: (714) 560-8200 / 560-8235	Lab Number:	Page 2 of 2
City: SANTA ANA; State: CA; Zip Code: 92705	Site Contact: N. CHANDRAN	Lab Contact: D. SUZUKI	
Project Name and Location (State): SEPT 2005 SAMPLING TORRANCE BRC C-6	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): 8260B	Special Instructions/ Conditions of Receipt
MWC009_WG092105_0001	9/21/05	1435		X							4				X	
MWC004_WG092105_0001	9/21/05	1525		X							4				X	
EB_TAIT092105_0001	9/21/05	1535		X							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):

1. Relinquished By: Mutya Chandran	Date: 9/21/05	Time: 1545	1. Received By: [signature]	Date: 9/21/05	Time: 1545
2. Relinquished By: [signature]	Date: 9/21/05	Time: 1710	2. Received By: [signature]	Date: 9/21/05	Time: 17:10
3. Relinquished By:	Date:	Time:	3. Received By:	Date:	Time:

Comments:

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

4

BOE-C6-0105429

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 9/21/05

LIMS Lot #: ESI 210421 Quote #: 40334

Client Name: Tait Env. Management Project: Sept. 2005 Sampling Torrance BRC C-6

Received by: CA Date/Time Received: 9/21/05 17:10

Delivered by : ☐ Client ☒ STL ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other

****

	Initial / Date
Custody Seal Status Cooler: ☐Intact ☐Broken ☒None	CA 9/21/05
Custody Seal Status Samples: ☐Intact ☐Broken ☒None	
Custody Seal #(s): ☒No Seal #	
Sampler Signature on COC ☐ Yes ☐No ☒N/A	
IR Gun # 4 Correction Factor +4 °C IR passed daily verification ☒Yes ☐No	
Temperature - BLANK 5.0 °C +/- .4 CF = 4.6 °C	
Temperature – COOLER (____°C ____°C ____°C ____°C) = ____ avg °C +/- ____ CF = ____°C	
Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒N/A	
Sample Container(s): ☒ STL-LA ☐ Client	
One COC/Multiple coolers: ☐ Yes- # coolers ____ All within temp criteria ☐ Yes ☐No ☒N/A	
One or more coolers with an anomaly: ☐ Yes – (fill out PRC for each) ☒N/A	
Samples: ☒Intact ☐Broken ☐Other	
pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☒N/A	
Anomalies: ☐No ☒Yes – complete CUR and Create NCM NCM #	
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☐ Yes ☒N/A	
Labeled by: CA Labeling checked	

****

Turn Around Time: ☐RUSH–24HR ☐RUSH–48HR ☐RUSH–72HR ☒NORMAL	
Short-Hold Notification: ☐ pH ☐Wet Chem ☐Metals (Filter/Pres) ☐Encore ☐ >1/2 HT expired…	CA 9/21/05

Outside Analysis(es) (Test/Lab/Date Sent Out) :

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☐N/A CA 9/21/05

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
001	1	☒ > 6mm			☐ > 6mm
003	1,2,3	☒ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

LIMS Lot # ESI-210421

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1-2	3-5	6-14	15										
AH/ *	4	3	4	3										

* VOA with headspace/bubbles < 6mm

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

☐ N/A CA 9/21/05

- **COOLERS**
  - ☐ Not Received (received COC only)
  - ☐ Leaking
  - ☐ Other:
- **TEMPERATURE (SPECS 4 ± 2°C)**
  - ☐ Cooler Temp(s)
  - ☐ Temperature Blank(s)
- **CONTAINERS**
  - ☐ Leaking
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☐ Other:
  - ☒ Voa Vials with Bubbles > 6mm
- **SAMPLES**
  - ☐ Samples NOT RECEIVED but listed on COC
  - ☐ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
- **CUSTODY SEALS (COOLER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other
- **CONTAINER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other
- **CHAIN OF CUSTODY (COC)**
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other ☐ COC not received – notify PM
- **LABELS**
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
  - ☐ Markings/Info illegible
  - ☐ Torn
- ☐ Will be noted on COC--Client to send samples with new COC
- ☐ Mislabeled as to tests, preservatives, etc.
- ☐ Holding time expired – list sample ID and test
- ☐ Improper container used
- ☐ Not preserved/Improper preservative used
- ☐ Improper pH _____ Lab to preserve sample and document
- ☐ Insufficient quantities for analysis ☐ Other

Comments:

☐ Corrective Action Implemented:

Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____

☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: Albert Vergara 9-21-05

PM Review/Date: MVC 9/22/05

SEVERN TRENT STL

Analytical Report

BOE-C6-0105432

EXECUTIVE SUMMARY - Detection Highlights

E5I210421

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWC021_WG092005_0001 09/20/05 11:25 001				
1,1-Dichloroethene	0.73 J	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	0.51 J	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	4.0	1.0	ug/L	SW846 8260B
Chloroform	0.36 J	1.0	ug/L	SW846 8260B
Trichloroethene	10	1.0	ug/L	SW846 8260B
WCC_5S_WG092005_0001 09/20/05 11:30 002				
Trichlorofluoromethane	0.54 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	5.7	1.0	ug/L	SW846 8260B
Trichloroethene	2.2	1.0	ug/L	SW846 8260B
Tetrahydrofuran	29	10	ug/L	SW846 8260B
TB_TAIT092105_0001 09/21/05 003				
Acetone	7.3 J	10	ug/L	SW846 8260B
DB_TAIT092105_0001 09/21/05 07:30 004				
1,2-Dichlorobenzene	0.89 J	1.0	ug/L	SW846 8260B
FB_TAIT092105_0001 09/21/05 08:20 005				
1,2-Dichlorobenzene	0.89 J	1.0	ug/L	SW846 8260B
TMW_15_WG092105_0001 09/21/05 08:25 006				
1,1-Dichloroethene	1.1	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.2	1.0	ug/L	SW846 8260B
Chloroform	3.2	1.0	ug/L	SW846 8260B
Trichloroethene	12	1.0	ug/L	SW846 8260B
TMW_10_WG092105_0001 09/21/05 09:35 007				
Dichlorodifluoromethane	2.8	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	2.2	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	0.33 J	1.0	ug/L	SW846 8260B
Chloroform	3.7	1.0	ug/L	SW846 8260B
Trichloroethene	8.2	1.0	ug/L	SW846 8260B
Tetrachloroethene	1.4	1.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E5I210421

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
WCC_12S_WG092105_0001 09/21/05 10:35	**008**			
1,1-Dichloroethene	25	2.5	ug/L	SW846 8260B
1,1-Dichloroethane	17	2.5	ug/L	SW846 8260B
cis-1,2-Dichloroethene	3.8	2.5	ug/L	SW846 8260B
Chloroform	1.8 J	2.5	ug/L	SW846 8260B
2-Butanone	12	12	ug/L	SW846 8260B
Trichloroethene	120	2.5	ug/L	SW846 8260B
Tetrachloroethene	1.1 J	2.5	ug/L	SW846 8260B
Tetrahydrofuran	80	25	ug/L	SW846 8260B
WCC_9S_WG092105_0001 09/21/05 11:40	**009**			
Dichlorodifluoromethane	0.74 J	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	0.71 J	2.0	ug/L	SW846 8260B
1,1-Dichloroethene	3.4	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	1.4	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.2	1.0	ug/L	SW846 8260B
Chloroform	10	1.0	ug/L	SW846 8260B
Trichloroethene	37	1.0	ug/L	SW846 8260B
MWB020_WG092105_0001 09/21/05 12:55	**010**			
Methylene chloride	0.70 J	1.6	ug/L	SW846 8260B
trans-1,2-Dichloroethene	3.7	1.6	ug/L	SW846 8260B
1,1-Dichloroethane	3.6	1.6	ug/L	SW846 8260B
cis-1,2-Dichloroethene	110	1.6	ug/L	SW846 8260B
Chloroform	0.85 J	1.6	ug/L	SW846 8260B
Trichloroethene	26	1.6	ug/L	SW846 8260B
MWB020_WG092105_0002 09/21/05 12:55	**011**			
1,1-Dichloroethene	0.56 J	1.6	ug/L	SW846 8260B
trans-1,2-Dichloroethene	1.1 J	1.6	ug/L	SW846 8260B
1,1-Dichloroethane	3.6	1.6	ug/L	SW846 8260B
cis-1,2-Dichloroethene	110	1.6	ug/L	SW846 8260B
Chloroform	0.82 J	1.6	ug/L	SW846 8260B
Trichloroethene	25	1.6	ug/L	SW846 8260B
TMW_11_WG092105_0001 09/21/05 13:35	**012**			
Chloroform	220	4.0	ug/L	SW846 8260B
Carbon tetrachloride	2.0	2.0	ug/L	SW846 8260B
Trichloroethene	4.8	4.0	ug/L	SW846 8260B
Tetrachloroethene	3.6 J	4.0	ug/L	SW846 8260B

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EXECUTIVE SUMMARY - Detection Highlights

E5I210421

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWC009_WG092105_0001 09/21/05 14:35 013				
1,1-Dichloroethene	830	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	14	10	ug/L	SW846 8260B
1,1-Dichloroethane	6.1 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	23	10	ug/L	SW846 8260B
Trichloroethene	210	10	ug/L	SW846 8260B
1,1,2-Trichloroethane	6.0 J	10	ug/L	SW846 8260B
1,2-Dichloroethane	6.9	5.0	ug/L	SW846 8260B
MWC004_WG092105_0001 09/21/05 15:25 014				
1,1-Dichloroethene	630	10	ug/L	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	SW846 8260B
1,1-Dichloroethane	6.4 J	10	ug/L	SW846 8260B
cis-1,2-Dichloroethene	16	10	ug/L	SW846 8260B
Trichloroethene	180	10	ug/L	SW846 8260B
1,1,2-Trichloroethane	4.6 J	10	ug/L	SW846 8260B
1,2-Dichloroethane	5.5	5.0	ug/L	SW846 8260B
EB_TAIT092105_0001 09/21/05 15:35 015				
1,2-Dichlorobenzene	0.96 J	1.0	ug/L	SW846 8260B

BOE-C6-0105435

METHODS SUMMARY

E5I210421

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.

BOE-C6-0105436

SAMPLE SUMMARY

E5I210421

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HK4J2	001	MWC021_WG092005_0001	09/20/05	11:25
HK4J3	002	WCC_5S_WG092005_0001	09/20/05	11:30
HK4J4	003	TB_TAIT092105_0001	09/21/05	
HK4J7	004	DB_TAIT092105_0001	09/21/05	07:30
HK4J9	005	FB_TAIT092105_0001	09/21/05	08:20
HK4KA	006	TMW_15_WG092105_0001	09/21/05	08:25
HK4KD	007	TMW_10_WG092105_0001	09/21/05	09:35
HK4KE	008	WCC_12S_WG092105_0001	09/21/05	10:35
HK4KF	009	WCC_9S_WG092105_0001	09/21/05	11:40
HK4KG	010	MWB020_WG092105_0001	09/21/05	12:55
HK4KH	011	MWB020_WG092105_0002	09/21/05	12:55
HK4KJ	012	TMW_11_WG092105_0001	09/21/05	13:35
HK4KL	013	MWC009_WG092105_0001	09/21/05	14:35
HK4KN	014	MWC004_WG092105_0001	09/21/05	15:25
HK4KP	015	EB_TAIT092105_0001	09/21/05	15:35

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.
- lts noted as "ND" were not detected at or above the stated limit.
- 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.

BOE-C6-0105437

Tait Environmental

Client Sample ID: MWC021_WG092005_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-001 **Work Order #...:** HK4J21AA **Matrix.....:** W
Date Sampled...: 09/20/05 11:25 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **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	**0.73 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	**0.51 J**	**1.0**	**ug/L**
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**4.0**	**1.0**	**ug/L**
Chloroform	**0.36 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)

BOE-C6-0105438

Tait Environmental

Client Sample ID: MWC021_WG092005_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-001 **Work Order #...:** HK4J21AA **Matrix.....:** W

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
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	93	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105439

Tait Environmental

Client Sample ID: WCC_5S_WG092005_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-002 **Work Order #...:** HK4J31AA **Matrix.....:** W
Date Sampled...: 09/20/05 11:30 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**0.54 J**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**5.7**	**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	**2.2**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105440

Tait Environmental

Client Sample ID: WCC_5S_WG092005_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-002 **Work Order #...:** HK4J31AA **Matrix.....:** W

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
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	**29**	**10**	**ug/L**
Vinyl acetate	ND	5.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105441

Tait Environmental

Client Sample ID: TB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-003 **Work Order #...:** HK4J41AA **Matrix.....:** W
Date Sampled...: 09/21/05 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **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	**7.3 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105442

Tait Environmental

Client Sample ID: TB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-003 **Work Order #...:** HK4J41AA **Matrix.....:** W

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
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	90	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105443

Tait Environmental

Client Sample ID: DB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-004 **Work Order #...:** HK4J71AA **Matrix.....:** W
Date Sampled...: 09/21/05 07:30 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **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

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BOE-C6-0105444

Tait Environmental

Client Sample ID: DB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-004 **Work Order #...:** HK4J71AA **Matrix.....:** W

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	**0.89 J**	**1.0**	**ug/L**
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
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	91	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: FB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-005 **Work Order #...:** HK4J91AA **Matrix.....:** W
Date Sampled...: 09/21/05 08:20 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **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

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Tait Environmental

Client Sample ID: FB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-005 **Work Order #...:** HK4J91AA **Matrix.....:** W

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	**0.89 J**	**1.0**	**ug/L**
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
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	87	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105447

Tait Environmental

Client Sample ID: TMW_15_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-006 **Work Order #...:** HK4KA1AA **Matrix.....:** W
Date Sampled...: 09/21/05 08:25 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**1.1**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	10	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**2.2**	**1.0**	**ug/L**
Chloroform	**3.2**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	**12**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105448

Tait Environmental

Client Sample ID: TMW_15_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-006 **Work Order #...:** HK4KA1AA **Matrix.....:** W

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	92	(65 - 135)
Toluene-d8	96	(80 - 130)

Tait Environmental

Client Sample ID: TMW_10_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-007 **Work Order #...:** HK4KD1AA **Matrix.....:** W
Date Sampled...: 09/21/05 09:35 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266517 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**2.8**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**2.2**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**0.33 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	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	**3.7**	**1.0**	**ug/L**
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	**8.2**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	**1.4**	**1.0**	**ug/L**
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105450

Tait Environmental

Client Sample ID: TMW_10_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-007 **Work Order #...:** HK4KD1AA **Matrix.....:** W

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	94	(65 - 135)
Toluene-d8	94	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105451

Tait Environmental

Client Sample ID: WCC_12S_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-008 **Work Order #...:** HK4KE1AA **Matrix.....:** W
Date Sampled...: 09/21/05 10:35 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266517 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.5	ug/L
Chloromethane	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	2.5	ug/L
1,1-Dichloroethene	**25**	**2.5**	**ug/L**
Methylene chloride	ND	2.5	ug/L
Methyl tert-butyl ether	ND	2.5	ug/L
Carbon disulfide	ND	2.5	ug/L
Acetone	ND	25	ug/L
trans-1,2-Dichloroethene	ND	2.5	ug/L
1,1-Dichloroethane	**17**	**2.5**	**ug/L**
2,2-Dichloropropane	ND	2.5	ug/L
cis-1,2-Dichloroethene	**3.8**	**2.5**	**ug/L**
Chloroform	**1.8 J**	**2.5**	**ug/L**
Bromochloromethane	ND	2.5	ug/L
1,1,1-Trichloroethane	ND	2.5	ug/L
2-Butanone	**12**	**12**	**ug/L**
1,1-Dichloropropene	ND	2.5	ug/L
Carbon tetrachloride	ND	1.2	ug/L
1,2-Dibromoethane	ND	2.5	ug/L
Benzene	ND	2.5	ug/L
Trichloroethene	**120**	**2.5**	**ug/L**
Bromodichloromethane	ND	2.5	ug/L
4-Methyl-2-pentanone	ND	12	ug/L
Toluene	ND	2.5	ug/L
1,1,2-Trichloroethane	ND	2.5	ug/L
1,2-Dichloroethane	ND	1.2	ug/L
Tetrachloroethene	**1.1 J**	**2.5**	**ug/L**
2-Hexanone	ND	12	ug/L
Dibromochloromethane	ND	2.5	ug/L
Chlorobenzene	ND	2.5	ug/L
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L
Ethylbenzene	ND	2.5	ug/L
Vinyl chloride	ND	1.2	ug/L
Xylenes (total)	ND	2.5	ug/L
Styrene	ND	2.5	ug/L
Bromoform	ND	2.5	ug/L

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BOE-C6-0105452

Tait Environmental

Client Sample ID: WCC_12S_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-008 **Work Order #...:** HK4KE1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	2.5	ug/L
1,1,2,2-Tetrachloroethane	ND	2.5	ug/L
1,2,3-Trichloropropane	ND	2.5	ug/L
n-Propylbenzene	ND	2.5	ug/L
Bromobenzene	ND	2.5	ug/L
1,3,5-Trimethylbenzene	ND	2.5	ug/L
2-Chlorotoluene	ND	2.5	ug/L
4-Chlorotoluene	ND	2.5	ug/L
tert-Butylbenzene	ND	2.5	ug/L
1,2,4-Trimethylbenzene	ND	2.5	ug/L
sec-Butylbenzene	ND	2.5	ug/L
p-Isopropyltoluene	ND	2.5	ug/L
1,3-Dichlorobenzene	ND	2.5	ug/L
1,4-Dichlorobenzene	ND	2.5	ug/L
n-Butylbenzene	ND	2.5	ug/L
1,2-Dichlorobenzene	ND	2.5	ug/L
1,2-Dibromo-3-chloro-propane	ND	5.0	ug/L
1,2,4-Trichloro-benzene	ND	2.5	ug/L
Hexachlorobutadiene	ND	2.5	ug/L
1,2,3-Trichlorobenzene	ND	2.5	ug/L
Acrolein	ND	50	ug/L
Acrylonitrile	ND	50	ug/L
Iodomethane	ND	5.0	ug/L
2-Chloroethyl vinyl ether	ND	12	ug/L
Tetrahydrofuran	**80**	**25**	**ug/L**
Vinyl acetate	ND	12	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	91	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: WCC_9S_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-009 **Work Order #...:** HK4KF1AA **Matrix.....:** W
Date Sampled...: 09/21/05 11:40 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266517 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**0.74 J**	**1.0**	**ug/L**
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	**0.71 J**	**2.0**	**ug/L**
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	**3.4**	**1.0**	**ug/L**
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	ND	10	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	**1.4**	**1.0**	**ug/L**
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	**2.2**	**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	**37**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105454

Tait Environmental

Client Sample ID: WCC_9S_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-009 **Work Order #...:** HK4KF1AA **Matrix.....:** W

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	92	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWB020_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-010 **Work Order #...:** HK4KG1AA **Matrix.....:** W
Date Sampled...: 09/21/05 12:55 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.6	ug/L
Chloromethane	ND	3.1	ug/L
Chloroethane	ND	3.1	ug/L
Bromomethane	ND	3.1	ug/L
Trichlorofluoromethane	ND	3.1	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.6	ug/L
1,1-Dichloroethene	ND	1.6	ug/L
Methylene chloride	**0.70 J**	**1.6**	**ug/L**
Methyl tert-butyl ether	ND	1.6	ug/L
Carbon disulfide	ND	1.6	ug/L
Acetone	ND	16	ug/L
trans-1,2-Dichloroethene	**3.7**	**1.6**	**ug/L**
1,1-Dichloroethane	**3.6**	**1.6**	**ug/L**
2,2-Dichloropropane	ND	1.6	ug/L
cis-1,2-Dichloroethene	**110**	**1.6**	**ug/L**
Chloroform	**0.85 J**	**1.6**	**ug/L**
Bromochloromethane	ND	1.6	ug/L
1,1,1-Trichloroethane	ND	1.6	ug/L
2-Butanone	ND	7.8	ug/L
1,1-Dichloropropene	ND	1.6	ug/L
Carbon tetrachloride	ND	0.78	ug/L
1,2-Dibromoethane	ND	1.6	ug/L
Benzene	ND	1.6	ug/L
Trichloroethene	**26**	**1.6**	**ug/L**
Bromodichloromethane	ND	1.6	ug/L
4-Methyl-2-pentanone	ND	7.8	ug/L
Toluene	ND	1.6	ug/L
1,1,2-Trichloroethane	ND	1.6	ug/L
1,2-Dichloroethane	ND	0.78	ug/L
Tetrachloroethene	ND	1.6	ug/L
2-Hexanone	ND	7.8	ug/L
Dibromochloromethane	ND	1.6	ug/L
Chlorobenzene	ND	1.6	ug/L
1,1,1,2-Tetrachloroethane	ND	1.6	ug/L
Ethylbenzene	ND	1.6	ug/L
Vinyl chloride	ND	0.78	ug/L
Xylenes (total)	ND	1.6	ug/L
Styrene	ND	1.6	ug/L
Bromoform	ND	1.6	ug/L

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BOE-C6-0105456

Tait Environmental

Client Sample ID: MWB020_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-010 **Work Order #...:** HK4KG1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	1.6	ug/L
1,1,2,2-Tetrachloroethane	ND	1.6	ug/L
1,2,3-Trichloropropane	ND	1.6	ug/L
n-Propylbenzene	ND	1.6	ug/L
Bromobenzene	ND	1.6	ug/L
1,3,5-Trimethylbenzene	ND	1.6	ug/L
2-Chlorotoluene	ND	1.6	ug/L
4-Chlorotoluene	ND	1.6	ug/L
tert-Butylbenzene	ND	1.6	ug/L
1,2,4-Trimethylbenzene	ND	1.6	ug/L
sec-Butylbenzene	ND	1.6	ug/L
p-Isopropyltoluene	ND	1.6	ug/L
1,3-Dichlorobenzene	ND	1.6	ug/L
1,4-Dichlorobenzene	ND	1.6	ug/L
n-Butylbenzene	ND	1.6	ug/L
1,2-Dichlorobenzene	ND	1.6	ug/L
1,2-Dibromo-3-chloro-propane	ND	3.1	ug/L
1,2,4-Trichloro-benzene	ND	1.6	ug/L
Hexachlorobutadiene	ND	1.6	ug/L
1,2,3-Trichlorobenzene	ND	1.6	ug/L
Acrolein	ND	31	ug/L
Acrylonitrile	ND	31	ug/L
Iodomethane	ND	3.1	ug/L
2-Chloroethyl vinyl ether	ND	7.8	ug/L
Tetrahydrofuran	ND	16	ug/L
Vinyl acetate	ND	7.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWB020_WG092105_0002

GC/MS Volatiles

Lot-Sample #...: E5I210421-011 **Work Order #...:** HK4KH1AA **Matrix.....:** W
Date Sampled...: 09/21/05 12:55 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.6	ug/L
Chloromethane	ND	3.1	ug/L
Chloroethane	ND	3.1	ug/L
Bromomethane	ND	3.1	ug/L
Trichlorofluoromethane	ND	3.1	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.6	ug/L
1,1-Dichloroethene	**0.56 J**	**1.6**	**ug/L**
Methylene chloride	ND	1.6	ug/L
Methyl tert-butyl ether	ND	1.6	ug/L
Carbon disulfide	ND	1.6	ug/L
Acetone	ND	16	ug/L
trans-1,2-Dichloroethene	**1.1 J**	**1.6**	**ug/L**
1,1-Dichloroethane	**3.6**	**1.6**	**ug/L**
2,2-Dichloropropane	ND	1.6	ug/L
cis-1,2-Dichloroethene	**110**	**1.6**	**ug/L**
Chloroform	**0.82 J**	**1.6**	**ug/L**
Bromochloromethane	ND	1.6	ug/L
1,1,1-Trichloroethane	ND	1.6	ug/L
2-Butanone	ND	7.8	ug/L
1,1-Dichloropropene	ND	1.6	ug/L
Carbon tetrachloride	ND	0.78	ug/L
1,2-Dibromoethane	ND	1.6	ug/L
Benzene	ND	1.6	ug/L
Trichloroethene	**25**	**1.6**	**ug/L**
Bromodichloromethane	ND	1.6	ug/L
4-Methyl-2-pentanone	ND	7.8	ug/L
Toluene	ND	1.6	ug/L
1,1,2-Trichloroethane	ND	1.6	ug/L
1,2-Dichloroethane	ND	0.78	ug/L
Tetrachloroethene	ND	1.6	ug/L
2-Hexanone	ND	7.8	ug/L
Dibromochloromethane	ND	1.6	ug/L
Chlorobenzene	ND	1.6	ug/L
1,1,1,2-Tetrachloroethane	ND	1.6	ug/L
Ethylbenzene	ND	1.6	ug/L
Vinyl chloride	ND	0.78	ug/L
Xylenes (total)	ND	1.6	ug/L
Styrene	ND	1.6	ug/L
Bromoform	ND	1.6	ug/L

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BOE-C6-0105458

Tait Environmental

Client Sample ID: MWB020_WG092105_0002

GC/MS Volatiles

Lot-Sample #...: E5I210421-011 **Work Order #...:** HK4KH1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	1.6	ug/L
1,1,2,2-Tetrachloroethane	ND	1.6	ug/L
1,2,3-Trichloropropane	ND	1.6	ug/L
n-Propylbenzene	ND	1.6	ug/L
Bromobenzene	ND	1.6	ug/L
1,3,5-Trimethylbenzene	ND	1.6	ug/L
2-Chlorotoluene	ND	1.6	ug/L
4-Chlorotoluene	ND	1.6	ug/L
tert-Butylbenzene	ND	1.6	ug/L
1,2,4-Trimethylbenzene	ND	1.6	ug/L
sec-Butylbenzene	ND	1.6	ug/L
p-Isopropyltoluene	ND	1.6	ug/L
1,3-Dichlorobenzene	ND	1.6	ug/L
1,4-Dichlorobenzene	ND	1.6	ug/L
n-Butylbenzene	ND	1.6	ug/L
1,2-Dichlorobenzene	ND	1.6	ug/L
1,2-Dibromo-3-chloro-propane	ND	3.1	ug/L
1,2,4-Trichloro-benzene	ND	1.6	ug/L
Hexachlorobutadiene	ND	1.6	ug/L
1,2,3-Trichlorobenzene	ND	1.6	ug/L
Acrolein	ND	31	ug/L
Acrylonitrile	ND	31	ug/L
Iodomethane	ND	3.1	ug/L
2-Chloroethyl vinyl ether	ND	7.8	ug/L
Tetrahydrofuran	ND	16	ug/L
Vinyl acetate	ND	7.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 130)
1,2-Dichloroethane-d4	101	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105459

Tait Environmental

Client Sample ID: TMW_11_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-012 **Work Order #...:** HK4KJ1AA **Matrix.....:** W
Date Sampled...: 09/21/05 13:35 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266517 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	4.0	ug/L
Chloromethane	ND	8.0	ug/L
Chloroethane	ND	8.0	ug/L
Bromomethane	ND	8.0	ug/L
Trichlorofluoromethane	ND	8.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	4.0	ug/L
1,1-Dichloroethene	ND	4.0	ug/L
Methylene chloride	ND	4.0	ug/L
Methyl tert-butyl ether	ND	4.0	ug/L
Carbon disulfide	ND	4.0	ug/L
Acetone	ND	40	ug/L
trans-1,2-Dichloroethene	ND	4.0	ug/L
1,1-Dichloroethane	ND	4.0	ug/L
2,2-Dichloropropane	ND	4.0	ug/L
cis-1,2-Dichloroethene	ND	4.0	ug/L
Chloroform	**220**	**4.0**	**ug/L**
Bromochloromethane	ND	4.0	ug/L
1,1,1-Trichloroethane	ND	4.0	ug/L
2-Butanone	ND	20	ug/L
1,1-Dichloropropene	ND	4.0	ug/L
Carbon tetrachloride	**2.0**	**2.0**	**ug/L**
1,2-Dibromoethane	ND	4.0	ug/L
Benzene	ND	4.0	ug/L
Trichloroethene	**4.8**	**4.0**	**ug/L**
Bromodichloromethane	ND	4.0	ug/L
4-Methyl-2-pentanone	ND	20	ug/L
Toluene	ND	4.0	ug/L
1,1,2-Trichloroethane	ND	4.0	ug/L
1,2-Dichloroethane	ND	2.0	ug/L
Tetrachloroethene	**3.6 J**	**4.0**	**ug/L**
2-Hexanone	ND	20	ug/L
Dibromochloromethane	ND	4.0	ug/L
Chlorobenzene	ND	4.0	ug/L
1,1,1,2-Tetrachloroethane	ND	4.0	ug/L
Ethylbenzene	ND	4.0	ug/L
Vinyl chloride	ND	2.0	ug/L
Xylenes (total)	ND	4.0	ug/L
Styrene	ND	4.0	ug/L
Bromoform	ND	4.0	ug/L

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BOE-C6-0105460

Tait Environmental

Client Sample ID: TMW_11_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-012 **Work Order #...:** HK4KJ1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	4.0	ug/L
1,1,2,2-Tetrachloroethane	ND	4.0	ug/L
1,2,3-Trichloropropane	ND	4.0	ug/L
n-Propylbenzene	ND	4.0	ug/L
Bromobenzene	ND	4.0	ug/L
1,3,5-Trimethylbenzene	ND	4.0	ug/L
2-Chlorotoluene	ND	4.0	ug/L
4-Chlorotoluene	ND	4.0	ug/L
tert-Butylbenzene	ND	4.0	ug/L
1,2,4-Trimethylbenzene	ND	4.0	ug/L
sec-Butylbenzene	ND	4.0	ug/L
p-Isopropyltoluene	ND	4.0	ug/L
1,3-Dichlorobenzene	ND	4.0	ug/L
1,4-Dichlorobenzene	ND	4.0	ug/L
n-Butylbenzene	ND	4.0	ug/L
1,2-Dichlorobenzene	ND	4.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	8.0	ug/L
2,4-Trichloro-benzene	ND	4.0	ug/L
Hexachlorobutadiene	ND	4.0	ug/L
1,2,3-Trichlorobenzene	ND	4.0	ug/L
Acrolein	ND	80	ug/L
Acrylonitrile	ND	80	ug/L
Iodomethane	ND	8.0	ug/L
2-Chloroethyl vinyl ether	ND	20	ug/L
Tetrahydrofuran	ND	40	ug/L
Vinyl acetate	ND	20	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	89	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC009_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-013 **Work Order #...:** HK4KL1AA **Matrix.....:** W
Date Sampled...: 09/21/05 14:35 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266517 **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	**830**	**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	**14**	**10**	**ug/L**
1,1-Dichloroethane	**6.1 J**	**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	**210**	**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	**6.0 J**	**10**	**ug/L**
1,2-Dichloroethane	**6.9**	**5.0**	**ug/L**
Tetrachloroethene	ND	10	ug/L
2-Hexanone	ND	50	ug/L
Dibromochloromethane	ND	10	ug/L
Chlorobenzene	ND	10	ug/L
1,1,1,2-Tetrachloroethane	ND	10	ug/L
Ethylbenzene	ND	10	ug/L
Vinyl chloride	ND	5.0	ug/L
Xylenes (total)	ND	10	ug/L
Styrene	ND	10	ug/L
Bromoform	ND	10	ug/L

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BOE-C6-0105462

Tait Environmental

Client Sample ID: MWC009_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-013 **Work Order #...:** HK4KL1AA **Matrix.....:** W

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	88	(75 - 130)
1,2-Dichloroethane-d4	90	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC004_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-014 **Work Order #...:** HK4KN1AA **Matrix.....:** W
Date Sampled...: 09/21/05 15:25 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266517 **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	**630**	**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	**10**	**10**	**ug/L**
1,1-Dichloroethane	**6.4 J**	**10**	**ug/L**
2,2-Dichloropropane	ND	10	ug/L
cis-1,2-Dichloroethene	**16**	**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	**180**	**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	**4.6 J**	**10**	**ug/L**
1,2-Dichloroethane	**5.5**	**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)

BOE-C6-0105464

Tait Environmental

Client Sample ID: MWC004_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-014 **Work Order #...:** HK4KN1AA **Matrix.....:** W

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	88	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: EB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-015 **Work Order #...:** HK4KP1AA **Matrix.....:** W
Date Sampled...: 09/21/05 15:35 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517 **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

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Tait Environmental

Client Sample ID: EB_TAIT092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-015 **Work Order #...:** HK4KP1AA **Matrix.....:** W

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	**0.96 J**	**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	89	(65 - 135)
Toluene-d8	98	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

BOE-C6-0105467

SEVERN TRENT STL

QA/QC

BOE-C6-0105468

QC DATA ASSOCIATION SUMMARY

E5I210421

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	SW846 8260B		5266517	5266308
002	W	SW846 8260B		5266517	5266308
003	W	SW846 8260B		5266517	5266308
004	W	SW846 8260B		5266517	5266308
005	W	SW846 8260B		5266517	5266308
006	W	SW846 8260B		5266517	5266308
007	W	SW846 8260B		5266517	5266308
008	W	SW846 8260B		5266517	5266308
009	W	SW846 8260B		5266517	5266308
010	W	SW846 8260B		5266561	5266348
011	W	SW846 8260B		5266561	5266348
012	W	SW846 8260B		5266517	5266308
013	W	SW846 8260B		5266517	5266308
014	W	SW846 8260B		5266517	5266308
015	W	SW846 8260B		5266517	5266308

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AA **Matrix.....:** WATER
MB Lot-Sample #: E5I230000-517

Prep Date.....: 09/22/05
Analysis Date..: 09/22/05 **Prep Batch #...:** 5266517

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

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BOE-C6-0105470

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AA **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-enzene	ND	1.0	ug/L	SW846 8260B
H achlorobutadiene	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	87	(75 - 130)
1,2-Dichloroethane-d4	91	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

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

BOE-C6-0105471

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AA **Matrix.....:** WATER
MB Lot-Sample #: E5I230000-561

Prep Date.....: 09/23/05
Analysis Date..: 09/23/05 **Prep Batch #...:** 5266561

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AA **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-enzene	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	96	(65 - 135)
Toluene-d8	96	(80 - 130)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-517
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	90	(40 - 160)	SW846 8260B
Chloromethane	103	(60 - 140)	SW846 8260B
Chloroethane	107	(60 - 140)	SW846 8260B
Bromomethane	143 a	(60 - 140)	SW846 8260B
t-Butanol	129	(40 - 150)	SW846 8260B
Trichlorofluoromethane	96	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	100	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**107**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	94	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	91	(70 - 130)	SW846 8260B
Carbon disulfide	104	(70 - 130)	SW846 8260B
Acetone	112	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	95	(70 - 130)	SW846 8260B
1,1-Dichloroethane	92	(70 - 130)	SW846 8260B
Dibromomethane	87	(70 - 130)	SW846 8260B
2,2-Dichloropropane	89	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	91	(70 - 130)	SW846 8260B
Chloroform	85	(70 - 130)	SW846 8260B
Bromochloromethane	78	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	87	(70 - 130)	SW846 8260B
2-Butanone	95	(60 - 140)	SW846 8260B
1,1-Dichloropropene	88	(70 - 130)	SW846 8260B
1,2-Dichloropropane	92	(70 - 130)	SW846 8260B
Carbon tetrachloride	88	(70 - 130)	SW846 8260B
1,3-Dichloropropane	91	(70 - 130)	SW846 8260B
1,2-Dibromoethane	86	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	92	(70 - 130)	SW846 8260B
Benzene	**91**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	86	(70 - 130)	SW846 8260B
Trichloroethene	**85**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	93	(70 - 130)	SW846 8260B
Isopropyl ether	99	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	93	(60 - 140)	SW846 8260B
Naphthalene	78	(60 - 140)	SW846 8260B

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BOE-C6-0105474

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-517

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**91**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	91	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	86	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	89	(70 - 130)	SW846 8260B
1,2-Dichloroethane	86	(70 - 130)	SW846 8260B
Tetrachloroethene	84	(70 - 130)	SW846 8260B
2-Hexanone	96	(60 - 140)	SW846 8260B
Dibromochloromethane	91	(70 - 130)	SW846 8260B
Chlorobenzene	**88**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	88	(70 - 130)	SW846 8260B
Ethylbenzene	92	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	92	(70 - 130)	SW846 8260B
Vinyl chloride	97	(60 - 140)	SW846 8260B
o-Xylene	88	(70 - 130)	SW846 8260B
Styrene	90	(70 - 130)	SW846 8260B
›moform	82	(70 - 130)	SW846 8260B
..opropylbenzene	79	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	84	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	83	(70 - 130)	SW846 8260B
n-Propylbenzene	87	(70 - 130)	SW846 8260B
Bromobenzene	82	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	89	(70 - 130)	SW846 8260B
2-Chlorotoluene	85	(70 - 130)	SW846 8260B
4-Chlorotoluene	89	(70 - 130)	SW846 8260B
tert-Butylbenzene	85	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	86	(70 - 130)	SW846 8260B
sec-Butylbenzene	90	(70 - 130)	SW846 8260B
p-Isopropyltoluene	83	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	81	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	82	(70 - 130)	SW846 8260B
n-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	81	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	78	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	78	(70 - 130)	SW846 8260B
Hexachlorobutadiene	78	(70 - 130)	SW846 8260B

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BOE-C6-0105475

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-517

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	97	(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 #...: E5I210421 **Work Order #...:** HLAQ11AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-517
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	9.01	ug/L	90	SW846 8260B
Chloromethane	10.0	10.3	ug/L	103	SW846 8260B
Chloroethane	10.0	10.7	ug/L	107	SW846 8260B
Bromomethane	10.0	14.3 a	ug/L	143	SW846 8260B
t-Butanol	50.0	64.4	ug/L	129	SW846 8260B
Trichlorofluoromethane	10.0	9.60	ug/L	96	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.98	ug/L	100	SW846 8260B
1,1-Dichloroethene	**10.0**	**10.7**	**ug/L**	**107**	**SW846 8260B**
Methylene chloride	10.0	9.36	ug/L	94	SW846 8260B
Methyl tert-butyl ether	10.0	9.10	ug/L	91	SW846 8260B
Carbon disulfide	50.0	51.9	ug/L	104	SW846 8260B
Acetone	50.0	55.8	ug/L	112	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.48	ug/L	95	SW846 8260B
1-Dichloroethane	10.0	9.24	ug/L	92	SW846 8260B
Bromomethane	10.0	8.73	ug/L	87	SW846 8260B
2,2-Dichloropropane	10.0	8.87	ug/L	89	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.11	ug/L	91	SW846 8260B
Chloroform	10.0	8.52	ug/L	85	SW846 8260B
Bromochloromethane	10.0	7.78	ug/L	78	SW846 8260B
1,1,1-Trichloroethane	10.0	8.71	ug/L	87	SW846 8260B
2-Butanone	50.0	47.4	ug/L	95	SW846 8260B
1,1-Dichloropropene	10.0	8.79	ug/L	88	SW846 8260B
1,2-Dichloropropane	10.0	9.25	ug/L	92	SW846 8260B
Carbon tetrachloride	10.0	8.76	ug/L	88	SW846 8260B
1,3-Dichloropropane	10.0	9.06	ug/L	91	SW846 8260B
1,2-Dibromoethane	10.0	8.55	ug/L	86	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.24	ug/L	92	SW846 8260B
Benzene	**10.0**	**9.08**	**ug/L**	**91**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.61	ug/L	86	SW846 8260B
Trichloroethene	**10.0**	**8.52**	**ug/L**	**85**	**SW846 8260B**
Bromodichloromethane	10.0	9.32	ug/L	93	SW846 8260B
Isopropyl ether	10.0	9.93	ug/L	99	SW846 8260B
4-Methyl-2-pentanone	50.0	46.7	ug/L	93	SW846 8260B
Naphthalene	10.0	7.84	ug/L	78	SW846 8260B

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BOE-C6-0105477

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-517

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	9.07	ug/L	91	SW846 8260B
Tert-amyl methyl ether	10.0	8.61	ug/L	86	SW846 8260B
Tert-butyl ethyl ether	10.0	8.86	ug/L	89	SW846 8260B
1,2-Dichloroethane	10.0	8.56	ug/L	86	SW846 8260B
Tetrachloroethene	10.0	8.44	ug/L	84	SW846 8260B
2-Hexanone	50.0	47.9	ug/L	96	SW846 8260B
Dibromochloromethane	10.0	9.09	ug/L	91	SW846 8260B
Chlorobenzene	**10.0**	**8.85**	**ug/L**	**88**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.81	ug/L	88	SW846 8260B
Ethylbenzene	10.0	9.24	ug/L	92	SW846 8260B
m-Xylene & p-Xylene	20.0	18.4	ug/L	92	SW846 8260B
Vinyl chloride	10.0	9.70	ug/L	97	SW846 8260B
o-Xylene	10.0	8.84	ug/L	88	SW846 8260B
Styrene	10.0	9.02	ug/L	90	SW846 8260B
Bromoform	10.0	8.20	ug/L	82	SW846 8260
Isopropylbenzene	10.0	7.94	ug/L	79	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.39	ug/L	84	SW846 8260B
1,2,3-Trichloropropane	10.0	8.33	ug/L	83	SW846 8260B
n-Propylbenzene	10.0	8.66	ug/L	87	SW846 8260B
Bromobenzene	10.0	8.19	ug/L	82	SW846 8260B
1,3,5-Trimethylbenzene	10.0	8.90	ug/L	89	SW846 8260B
2-Chlorotoluene	10.0	8.49	ug/L	85	SW846 8260B
4-Chlorotoluene	10.0	8.89	ug/L	89	SW846 8260B
tert-Butylbenzene	10.0	8.49	ug/L	85	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.62	ug/L	86	SW846 8260B
sec-Butylbenzene	10.0	9.00	ug/L	90	SW846 8260B
p-Isopropyltoluene	10.0	8.27	ug/L	83	SW846 8260B
1,3-Dichlorobenzene	10.0	8.11	ug/L	81	SW846 8260B
1,4-Dichlorobenzene	10.0	8.25	ug/L	82	SW846 8260B
n-Butylbenzene	10.0	8.80	ug/L	88	SW846 8260B
1,2-Dichlorobenzene	10.0	8.08	ug/L	81	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.84	ug/L	78	SW846 8260B
1,2,4-Trichloro-benzene	10.0	7.76	ug/L	78	SW846 8260B
Hexachlorobutadiene	10.0	7.82	ug/L	78	SW846 8260B

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BOE-C6-0105478

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLAQ11AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-517

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	7.85	ug/L	78	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
1,2-Dichloroethane-d4	85	(65 - 135)
Toluene-d8	97	(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 #...: E5I210421 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	104	(40 - 160)	SW846 8260B
Chloromethane	125	(60 - 140)	SW846 8260B
Chloroethane	128	(60 - 140)	SW846 8260B
Bromomethane	157 a	(60 - 140)	SW846 8260B
t-Butanol	132	(40 - 150)	SW846 8260B
Trichlorofluoromethane	112	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	110	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**120**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	106	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	102	(70 - 130)	SW846 8260B
Carbon disulfide	122	(70 - 130)	SW846 8260B
Acetone	124	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	108	(70 - 130)	SW846 8260B
1,1-Dichloroethane	107	(70 - 130)	SW846 8260B
Dibromomethane	92	(70 - 130)	SW846 8260B
2,2-Dichloropropane	95	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	100	(70 - 130)	SW846 8260B
Chloroform	89	(70 - 130)	SW846 8260B
Bromochloromethane	80	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	93	(70 - 130)	SW846 8260B
2-Butanone	101	(60 - 140)	SW846 8260B
1,1-Dichloropropene	94	(70 - 130)	SW846 8260B
1,2-Dichloropropane	102	(70 - 130)	SW846 8260B
Carbon tetrachloride	94	(70 - 130)	SW846 8260B
1,3-Dichloropropane	94	(70 - 130)	SW846 8260B
1,2-Dibromoethane	88	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	98	(70 - 130)	SW846 8260B
Benzene	**96**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	92	(70 - 130)	SW846 8260B
Trichloroethene	**89**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	99	(70 - 130)	SW846 8260B
Isopropyl ether	113	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	105	(60 - 140)	SW846 8260B
Naphthalene	82	(60 - 140)	SW846 8260B

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BOE-C6-0105480

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**94**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	92	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	92	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	100	(70 - 130)	SW846 8260B
1,2-Dichloroethane	94	(70 - 130)	SW846 8260B
Tetrachloroethene	86	(70 - 130)	SW846 8260B
2-Hexanone	107	(60 - 140)	SW846 8260B
Dibromochloromethane	92	(70 - 130)	SW846 8260B
Chlorobenzene	**89**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	89	(70 - 130)	SW846 8260B
Ethylbenzene	93	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)	SW846 8260B
Vinyl chloride	113	(60 - 140)	SW846 8260B
o-Xylene	91	(70 - 130)	SW846 8260B
Styrene	92	(70 - 130)	SW846 8260B
Bromoform	84	(70 - 130)	SW846 8260B
Isopropylbenzene	83	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	89	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	84	(70 - 130)	SW846 8260B
n-Propylbenzene	91	(70 - 130)	SW846 8260B
Bromobenzene	82	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)	SW846 8260B
2-Chlorotoluene	86	(70 - 130)	SW846 8260B
4-Chlorotoluene	88	(70 - 130)	SW846 8260B
tert-Butylbenzene	88	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	88	(70 - 130)	SW846 8260B
sec-Butylbenzene	93	(70 - 130)	SW846 8260B
p-Isopropyltoluene	85	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	82	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	83	(70 - 130)	SW846 8260B
n-Butylbenzene	91	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	83	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	79	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	79	(70 - 130)	SW846 8260B
Hexachlorobutadiene	82	(70 - 130)	SW846 8260B

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BOE-C6-0105481

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

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

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

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	10.4	ug/L	104	SW846 8260B
Chloromethane	10.0	12.5	ug/L	125	SW846 8260B
Chloroethane	10.0	12.8	ug/L	128	SW846 8260B
Bromomethane	10.0	15.7 a	ug/L	157	SW846 8260B
t-Butanol	50.0	66.1	ug/L	132	SW846 8260B
Trichlorofluoromethane	10.0	11.2	ug/L	112	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	11.0	ug/L	110	SW846 8260B
1,1-Dichloroethene	**10.0**	**12.0**	**ug/L**	**120**	**SW846 8260B**
Methylene chloride	10.0	10.6	ug/L	106	SW846 8260B
Methyl tert-butyl ether	10.0	10.2	ug/L	102	SW846 8260B
Carbon disulfide	50.0	60.9	ug/L	122	SW846 8260B
Acetone	50.0	62.0	ug/L	124	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.8	ug/L	108	SW846 8260B
1-Dichloroethane	10.0	10.7	ug/L	107	SW846 8260B
bromomethane	10.0	9.16	ug/L	92	SW846 8260B
2,2-Dichloropropane	10.0	9.46	ug/L	95	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.0	ug/L	100	SW846 8260B
Chloroform	10.0	8.90	ug/L	89	SW846 8260B
Bromochloromethane	10.0	7.95	ug/L	80	SW846 8260B
1,1,1-Trichloroethane	10.0	9.33	ug/L	93	SW846 8260B
2-Butanone	50.0	50.4	ug/L	101	SW846 8260B
1,1-Dichloropropene	10.0	9.41	ug/L	94	SW846 8260B
1,2-Dichloropropane	10.0	10.2	ug/L	102	SW846 8260B
Carbon tetrachloride	10.0	9.42	ug/L	94	SW846 8260B
1,3-Dichloropropane	10.0	9.44	ug/L	94	SW846 8260B
1,2-Dibromoethane	10.0	8.78	ug/L	88	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.80	ug/L	98	SW846 8260B
Benzene	**10.0**	**9.57**	**ug/L**	**96**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	9.17	ug/L	92	SW846 8260B
Trichloroethene	**10.0**	**8.88**	**ug/L**	**89**	**SW846 8260B**
Bromodichloromethane	10.0	9.94	ug/L	99	SW846 8260B
Isopropyl ether	10.0	11.3	ug/L	113	SW846 8260B
4-Methyl-2-pentanone	50.0	52.6	ug/L	105	SW846 8260B
Naphthalene	10.0	8.16	ug/L	82	SW846 8260B

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BOE-C6-0105483

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**9.39**	**ug/L**	**94**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	9.24	ug/L	92	SW846 8260B
Tert-amyl methyl ether	10.0	9.21	ug/L	92	SW846 8260B
Tert-butyl ethyl ether	10.0	10.0	ug/L	100	SW846 8260B
1,2-Dichloroethane	10.0	9.37	ug/L	94	SW846 8260B
Tetrachloroethene	10.0	8.62	ug/L	86	SW846 8260B
2-Hexanone	50.0	53.6	ug/L	107	SW846 8260B
Dibromochloromethane	10.0	9.22	ug/L	92	SW846 8260B
Chlorobenzene	**10.0**	**8.86**	**ug/L**	**89**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	8.86	ug/L	89	SW846 8260B
Ethylbenzene	10.0	9.31	ug/L	93	SW846 8260B
m-Xylene & p-Xylene	20.0	18.8	ug/L	94	SW846 8260B
Vinyl chloride	10.0	11.3	ug/L	113	SW846 8260B
o-Xylene	10.0	9.07	ug/L	91	SW846 8260B
Styrene	10.0	9.21	ug/L	92	SW846 8260B
Bromoform	10.0	8.39	ug/L	84	SW846 8260B
Isopropylbenzene	10.0	8.27	ug/L	83	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.90	ug/L	89	SW846 8260B
1,2,3-Trichloropropane	10.0	8.38	ug/L	84	SW846 8260B
n-Propylbenzene	10.0	9.07	ug/L	91	SW846 8260B
Bromobenzene	10.0	8.25	ug/L	82	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.11	ug/L	91	SW846 8260B
2-Chlorotoluene	10.0	8.58	ug/L	86	SW846 8260B
4-Chlorotoluene	10.0	8.80	ug/L	88	SW846 8260B
tert-Butylbenzene	10.0	8.76	ug/L	88	SW846 8260B
1,2,4-Trimethylbenzene	10.0	8.84	ug/L	88	SW846 8260B
sec-Butylbenzene	10.0	9.29	ug/L	93	SW846 8260B
p-Isopropyltoluene	10.0	8.47	ug/L	85	SW846 8260B
1,3-Dichlorobenzene	10.0	8.24	ug/L	82	SW846 8260B
1,4-Dichlorobenzene	10.0	8.34	ug/L	83	SW846 8260B
n-Butylbenzene	10.0	9.13	ug/L	91	SW846 8260B
1,2-Dichlorobenzene	10.0	8.27	ug/L	83	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.92	ug/L	79	SW846 8260B
1,2,4-Trichloro-benzene	10.0	7.88	ug/L	79	SW846 8260B
Hexachlorobutadiene	10.0	8.15	ug/L	82	SW846 8260B

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BOE-C6-0105484

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HLCD41AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I230000-561

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.06	ug/L	81	SW846 8260B

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

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I210421 **Work Order #...:** HK4J21AC-MS **Matrix.....:** W
MS Lot-Sample #: E5I210421-001 HK4J21AD-MSD
Date Sampled...: 09/20/05 11:25 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**93**	**(65 - 135)**			**SW846 8260B**
	108	**(65 - 135)**	**14**	**(0-25)**	**SW846 8260B**
Benzene	**89**	**(75 - 125)**			**SW846 8260B**
	94	**(75 - 125)**	**5.8**	**(0-25)**	**SW846 8260B**
Trichloroethene	**70 a**	**(75 - 135)**			**SW846 8260B**
	78	**(75 - 135)**	**4.4**	**(0-25)**	**SW846 8260B**
Toluene	**87**	**(75 - 125)**			**SW846 8260B**
	92	**(75 - 125)**	**5.5**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**87**	**(75 - 125)**			**SW846 8260B**
	91	**(75 - 125)**	**5.4**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	94	(75 - 130)
	94	(75 - 130)
1,2-Dichloroethane-d4	88	(65 - 135)
	89	(65 - 135)
Toluene-d8	96	(80 - 130)
	95	(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 #...: E5I210421 **Work Order #...:** HK4J21AC-MS **Matrix.....:** W
MS Lot-Sample #: E5I210421-001 HK4J21AD-MSD
Date Sampled...: 09/20/05 11:25 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5266517

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**0.73**	**10.0**	**10.0**	**ug/L**	**93**		**SW846 8260B**
	0.73	**10.0**	**11.6**	**ug/L**	**108**	**14**	**SW846 8260B**
Benzene	**ND**	**10.0**	**8.88**	**ug/L**	**89**		**SW846 8260B**
	ND	**10.0**	**9.41**	**ug/L**	**94**	**5.8**	**SW846 8260B**
Trichloroethene	**10**	**10.0**	**17.5**	**ug/L**	**70 a**		**SW846 8260B**
	10	**10.0**	**18.3**	**ug/L**	**78**	**4.4**	**SW846 8260B**
Toluene	**ND**	**10.0**	**8.73**	**ug/L**	**87**		**SW846 8260B**
	ND	**10.0**	**9.22**	**ug/L**	**92**	**5.5**	**SW846 8260B**
Chlorobenzene	**ND**	**10.0**	**8.66**	**ug/L**	**87**		**SW846 8260B**
	ND	**10.0**	**9.14**	**ug/L**	**91**	**5.4**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
mofluorobenzene	94	(75 - 130)
	94	(75 - 130)
1,2-Dichloroethane-d4	88	(65 - 135)
	89	(65 - 135)
Toluene-d8	96	(80 - 130)
	95	(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 #...: E5I210421 **Work Order #...:** HK0861AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E5I200331-005 HK0861AD-MSD
Date Sampled...: 09/19/05 17:21 **Date Received..:** 09/20/05 12:15
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**100**	**(65 - 135)**			**SW846 8260B**
	103	**(65 - 135)**	**2.2**	**(0-25)**	**SW846 8260B**
Benzene	**96**	**(75 - 125)**			**SW846 8260B**
	93	**(75 - 125)**	**3.3**	**(0-25)**	**SW846 8260B**
Trichloroethene	**0.0 MSB**	**(75 - 135)**			**SW846 8260B**
	0.0 MSB	**(75 - 135)**	**0.0**	**(0-25)**	**SW846 8260B**
Toluene	**92**	**(75 - 125)**			**SW846 8260B**
	89	**(75 - 125)**	**2.6**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**90**	**(75 - 125)**			**SW846 8260B**
	87	**(75 - 125)**	**2.8**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	94	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
	91	(65 - 135)
Toluene-d8	97	(80 - 130)
	97	(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 #...: E5I210421 **Work Order #...:** HK0861AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E5I200331-005 HK0861AD-MSD
Date Sampled...: 09/19/05 17:21 **Date Received..:** 09/20/05 12:15
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**1100**	**2000**	**3080**	**ug/L**	**100**		**SW846 8260B**
	1100	**2000**	**3150**	**ug/L**	**103**	**2.2**	**SW846 8260B**
Benzene	**ND**	**2000**	**1910**	**ug/L**	**96**		**SW846 8260B**
	ND	**2000**	**1850**	**ug/L**	**93**	**3.3**	**SW846 8260B**
Trichloroethene	**16000**	**2000**		**ug/L**	**0.0**		**SW846 8260B**
	Qualifiers:		MSB				
	16000	**2000**		**ug/L**	**0.0**	**0.0**	**SW846 8260B**
	Qualifiers:		MSB				
Toluene	**ND**	**2000**	**1840**	**ug/L**	**92**		**SW846 8260B**
	ND	**2000**	**1790**	**ug/L**	**89**	**2.6**	**SW846 8260B**
Chlorobenzene	**ND**	**2000**	**1800**	**ug/L**	**90**		**SW846 8260B**
	ND	**2000**	**1750**	**ug/L**	**87**	**2.8**	**SW846 8260B**

.ROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	97	(75 - 130)
	94	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
	91	(65 - 135)
Toluene-d8	97	(80 - 130)
	97	(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.

BOE-C6-0105489

SEVERN TRENT STL

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

September 30, 2005

STL LOT NUMBER: E5I220419
NELAP Certification Number: 01118CA/E87652
PO/CONTRACT: 050160-SEV01-002

Mehmet Pehlivan
Tait Environmental
701 Park Center Dr
Santa Ana, CA 92705

Dear Mr. Pehlivan,

This report contains the analytical results for the 12 samples received under chain of custody by STL Los Angeles on September 22, 2005. These samples are associated with your Boeing former C6 facility Torrance, California project.

All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. See Project Receipt Checklist for container temperature and conditions. Temperature reading between 2 to 6 degrees Celsius is considered within acceptable criteria. Any matrix related anomaly is footnoted within the report.

STL Los Angeles certifies that the tests performed at our facility meet all NELAP requirements for parameters for which accreditation is required or available. The case narrative is an integral part of the report. This report shall not be reproduced except in full, without the written approval of the laboratory.

If you have any questions, please feel free to call me at (714) 258-8610 extension 325.

Sincerely,

Diane Suzuki
Project Manager

CC: Project File

Page 1 of 000064 total pages in this report.

LOT NUMBER E5I220419

Nonconformance 05-14057

Affected Samples:
E5I220419 (1): TB_TAIT092205_0001
E5I220419 (2): DB_TAIT092205_0001
E5I220419 (5): MWC022_WG092205_0001

Affected Methods:
8260B

Case Narrative:
Three VOA vials from sample E5I220419 (1): TB_TAIT092205_0001 and one VOA vials from samples E5I220419(2):DB_TAIT092205_0001 and E5I220419 (5): MWC022_WG092205_0001 contain bubbles > 6mm in diameter. Analysis is performed on a VOA vial without headspace when available.

Nonconformance 05-14111

Affected Samples:
E5I220419 (1): TB_TAIT092205_0001
E5I220419 (2): DB_TAIT092205_0001
E5I220419 (3): MWC017_WG092205_0001
E5I220419 (4): FB_TAIT092205_0001
E5I220419 (7): MWB019_WG092205_0001
E5I220419 (8): MWB007_WG092205_0001
E5I220419 (9): EB_TAIT092205_0001
E5I220419 (11): MWC023_WG092205_0001

Affected Methods:
8260B

Case Narrative:
The MS/MSD set was not reported due to the MSD low spike recovery. The LCS was within the acceptable QC range for this batch. The results are reported as measured.

BOE-C6-0105491

I220419

hain of ustody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

-4124 (0901)

ent: TAIT ENVIRONMENTAL MGMT.	Project Manager: MEHMET PEHLIVAN	Date: 9/22/05	Chain of Custody Number: 216981
dress: 201 N. PARKCENTER DR	Telephone Number (Area Code)/Fax Number: (714) 560-8200 / 560-8235	Lab Number: ESI220419	Page 1 of 1
y: SANTA ANA, State: CA, Zip Code: 92705	Site Contact: N. CHANDRAN	Lab Contact: D. SUZUKI	
oject Name and Location (State): SEPT. 2005 SAMPLING BRC C-6 TORRANCE	Carrier/Waybill Number:		
ontract/Purchase Order/Quote No.			

Sample I.D. No. and Description (ontainers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): 8260B	Special Instructions/ Conditions of Receipt
B-TAIT092205-0001	9/22/05	—		X						3			X	
B-TAIT092205-0001		830		X						3			X	
MWC017-WG092205-0001		920		X						4			X	
B-TAIT092205-0001		900		X						3			X	
MWC022-WG092205-0001		1010		X						4			X	
MW-07-WG092205-0001		1055		X						4			X	
MWB019-WG092205-0001		1140		X						4			X	
MWB007-WG092205-0001		1240		X						4			X	
B-TAIT092205-0001		1250		X						3			X	
MW001-WG092205-0001		1325		X						4			X	
MWC023-WG092205-0001		1410		X						4			X	
MW002-WG092205-0001		1500		X						4			X	

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

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

urn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☒ Other NORMAL

QC Requirements (Specify)

	Date	Time		Date	Time
. Relinquished By: Mutya Chandra	9/22/05	1510	1. Received By: Vina Padilla	9/22/05	1510
. Relinquished By: Vina Padilla	9/22/05	1735	2. Received By: Albert Vargas	9-22-05	1733
. Relinquished By			3. Received By		

Comments: Temp — 2.5 - 0.4 = 2.1

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

3

BOE-C6-0105492

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 9-22-05

LIMS Lot #: ESI220419 Quote #: ~~38787~~ 40334

Client Name: Tait Project: Sept. 2005 Sampling C-6

Received by: AV Date/Time Received: 9-22-05 17:35

Delivered by : ☐ Client ☑ STL ☐ DHL ☐ Fed Ex ☐ UPS ☐ Other

****

	Initial / Date
Custody Seal Status Cooler: ☐ Intact ☐ Broken ☑ None	9-22-05 AV
Custody Seal Status Samples: ☐ Intact ☐ Broken ☑ None	
Custody Seal #(s): ☑ No Seal #	
Sampler Signature on COC ☐ Yes ☐ No ☑ N/A	
IR Gun # A Correction Factor -4 °C IR passed daily verification ☑ Yes ☐ No	
Temperature - BLANK 2.5 °C +/- -4 CF = 2.1 °C	
Temperature – COOLER (°C °C °C °C) = avg °C +/- CF = °C	
Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☑ N/A	
Sample Container(s): ☑ STL-LA ☐ Client	
One COC/Multiple coolers: ☐ Yes- # coolers All within temp criteria ☐ Yes ☐ No ☑ N/A	
One or more coolers with an anomaly: ☐ Yes – (fill out PRC for each) ☑ N/A	
Samples: ☑ Intact ☐ Broken ☐ Other	
pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☑ N/A	
Anomalies: ☐ No ☑ Yes – complete CUR and Create NCM NCM #	
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☐ Yes ☑ N/A	
Labeled by: Labeling checked	

****

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☑ NORMAL

Short-Hold Notification: ☐ pH ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☐ >1/2 HT expired NA

Outside Analysis(es) (Test/Lab/Date Sent Out) : NA

9-22-05 AV

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☐ N/A 9-22-05 AV

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
001	1-3	☑ > 6mm			☐ > 6mm
002	1	☑ > 6mm			☐ > 6mm
005	1	☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

BOE-C6-0105493

LIMS Lot # ESI220419 9-22-05 AC

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1-2	3	~~5-8~~	4	5-8	9	10-12							
VOAH/ *	3	4		3	4	3	4							

* VOA with headspace/bubbles < 6mm

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

☐ N/A 9-22-05 RL

- **COOLERS**
  - ☐ Not Received (received COC only)
  - ☐ Leaking
  - ☐ Other:
- **CUSTODY SEALS (COOLER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other
- **CONTAINER(S)**
  - ☐ None
  - ☐ Not Intact
  - ☐ Other
- **TEMPERATURE (SPECS 4 ± 2°C)**
  - ☐ Cooler Temp(s)
  - ☐ Temperature Blank(s)
- **CHAIN OF CUSTODY (COC)**
  - ☐ Not relinquished by Client; No date/time relinquished
  - ☐ Incomplete information provided
  - ☐ Other ☐ COC not received – notify PM
- **CONTAINERS**
  - ☐ Leaking ☑ Voa Vials with Bubbles > 6mm
  - ☐ Broken
  - ☐ Extra
  - ☐ Without Labels
  - ☐ Other:
- **LABELS**
  - ☐ Not the same ID/info as in COC
  - ☐ Incomplete Information
  - ☐ Markings/Info illegible
  - ☐ Torn
- **SAMPLES**
  - ☐ Samples NOT RECEIVED but listed on COC
  - ☐ Samples received but NOT LISTED on COC
  - ☐ Logged based on Label Information
  - ☐ Logged based on info from other samples on COC
  - ☐ Logged according to Work Plan
  - ☐ Logged on HOLD UNTIL FURTHER NOTICE
  - ☐ Will be noted on COC--Client to send samples with new COC
  - ☐ Mislabeled as to tests, preservatives, etc.
  - ☐ Holding time expired – list sample ID and test
  - ☐ Improper container used
  - ☐ Not preserved/Improper preservative used
  - ☐ Improper pH _____ Lab to preserve sample and document
  - ☐ Insufficient quantities for analysis ☐ Other

Comments:

☐ Corrective Action Implemented:

☐ Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____

☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: MG 9-22-05

PM Review/Date: MWC 9/23/05

SEVERN TRENT STL

Analytical Report

EXECUTIVE SUMMARY - Detection Highlights

E5I220419

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
TB_TAIT092205_0001 09/22/05 001				
Acetone	6.2 J	10	ug/L	SW846 8260B
DB_TAIT092205_0001 09/22/05 08:30 002				
Acetone	4.5 J	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	0.93 J	1.0	ug/L	SW846 8260B
MWC017_WG092205_0001 09/22/05 09:20 003				
1,1-Dichloroethene	120	20	ug/L	SW846 8260B
cis-1,2-Dichloroethene	46	20	ug/L	SW846 8260B
Chloroform	110	20	ug/L	SW846 8260B
Trichloroethene	1300	20	ug/L	SW846 8260B
FB_TAIT092205_0001 09/22/05 09:00 004				
Acetone	3.7 J	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	0.93 J	1.0	ug/L	SW846 8260B
MWC022_WG092205_0001 09/22/05 10:10 005				
1,1-Dichloroethene	130	2.5	ug/L	SW846 8260B
trans-1,2-Dichloroethene	1.2 J	2.5	ug/L	SW846 8260B
1,1-Dichloroethane	1.0 J	2.5	ug/L	SW846 8260B
cis-1,2-Dichloroethene	2.3 J	2.5	ug/L	SW846 8260B
1,1,1-Trichloroethane	20	2.5	ug/L	SW846 8260B
Trichloroethene	70	2.5	ug/L	SW846 8260B
Toluene	0.83 J	2.5	ug/L	SW846 8260B
TMW_07_WG092205_0001 09/22/05 10:55 006				
1,1-Dichloroethene	35	20	ug/L	SW846 8260B
Trichloroethene	2000	20	ug/L	SW846 8260B
1,1,2-Trichloroethane	7.2 J	20	ug/L	SW846 8260B
Tetrahydrofuran	840	200	ug/L	SW846 8260B
MWB019_WG092205_0001 09/22/05 11:40 007				
Chloroform	3000	50	ug/L	SW846 8260B
Trichloroethene	140	50	ug/L	SW846 8260B
Tetrachloroethene	150	50	ug/L	SW846 8260B
Tetrahydrofuran	160 J	500	ug/L	SW846 8260B

(Continued on next page)

BOE-C6-0105496

EXECUTIVE SUMMARY - Detection Highlights

E5I220419

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
MWB007_WG092205_0001 09/22/05 12:40 008				
1,1-Dichloroethene	2600	50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	24 J	50	ug/L	SW846 8260B
1,1-Dichloroethane	37 J	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	23 J	50	ug/L	SW846 8260B
Trichloroethene	2800	50	ug/L	SW846 8260B
EB_TAIT092205_0001 09/22/05 12:50 009				
Acetone	3.9 J	10	ug/L	SW846 8260B
1,2-Dichlorobenzene	1.2	1.0	ug/L	SW846 8260B
CMW001_WG092205_0001 09/22/05 13:25 010				
Chlorobenzene	10000	120	ug/L	SW846 8260B
MWC023_WG092205_0001 09/22/05 14:10 011				
1,1-Dichloroethene	4000	50	ug/L	SW846 8260B
trans-1,2-Dichloroethene	41 J	50	ug/L	SW846 8260B
1,1-Dichloroethane	39 J	50	ug/L	SW846 8260B
cis-1,2-Dichloroethene	220	50	ug/L	SW846 8260B
1,1,1-Trichloroethane	140	50	ug/L	SW846 8260B
2-Butanone	5600	250	ug/L	SW846 8260B
Carbon tetrachloride	24 J	25	ug/L	SW846 8260B
Trichloroethene	610	50	ug/L	SW846 8260B
4-Methyl-2-pentanone	4300	250	ug/L	SW846 8260B
Toluene	38 J	50	ug/L	SW846 8260B
Chlorobenzene	46 J	50	ug/L	SW846 8260B
CMW002_WG092205_0001 09/22/05 15:00 012				
Benzene	43 J	100	ug/L	SW846 8260B
Trichloroethene	410	100	ug/L	SW846 8260B
Chlorobenzene	7900	100	ug/L	SW846 8260B

BOE-C6-0105497

METHODS SUMMARY

E5I220419

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.

BOE-C6-0105498

SAMPLE SUMMARY

E5I220419

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
HK7QA	001	TB_TAIT092205_0001	09/22/05	
HK7QN	002	DB_TAIT092205_0001	09/22/05	08:30
HK7QP	003	MWC017_WG092205_0001	09/22/05	09:20
HK7QQ	004	FB_TAIT092205_0001	09/22/05	09:00
HK7QV	005	MWC022_WG092205_0001	09/22/05	10:10
HK7QX	006	TMW_07_WG092205_0001	09/22/05	10:55
HK7Q1	007	MWB019_WG092205_0001	09/22/05	11:40
HK7Q2	008	MWB007_WG092205_0001	09/22/05	12:40
HK7Q3	009	EB_TAIT092205_0001	09/22/05	12:50
HK7Q4	010	CMW001_WG092205_0001	09/22/05	13:25
HK7Q5	011	MWC023_WG092205_0001	09/22/05	14:10
HK7Q6	012	CMW002_WG092205_0001	09/22/05	15:00

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, filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

BOE-C6-0105499

Tait Environmental

Client Sample ID: TB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-001 **Work Order #...:** HK7QA1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	**6.2 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

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BOE-C6-0105500

Tait Environmental

Client Sample ID: TB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-001 **Work Order #...:** HK7QA1AA **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	98	(65 - 135)
Toluene-d8	100	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: DB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-002 **Work Order #...:** HK7QN1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 08:30 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
Chloroethane	ND	2.0	ug/L
Bromomethane	ND	2.0	ug/L
Trichlorofluoromethane	ND	2.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Acetone	**4.5 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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Tait Environmental

Client Sample ID: DB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-002 **Work Order #...:** HK7QN1AA **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	**0.93 J**	**1.0**	**ug/L**
1,2-Dibromo-3-chloro-propane	ND	2.0	ug/L
,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	87	(75 - 130)
1,2-Dichloroethane-d4	100	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC017_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-003 **Work Order #...:** HK7QP1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 09:20 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	20	ug/L
Chloromethane	ND	40	ug/L
Chloroethane	ND	40	ug/L
Bromomethane	ND	40	ug/L
Trichlorofluoromethane	ND	40	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	20	ug/L
1,1-Dichloroethene	**120**	**20**	**ug/L**
Methylene chloride	ND	20	ug/L
Methyl tert-butyl ether	ND	20	ug/L
Carbon disulfide	ND	20	ug/L
Acetone	ND	200	ug/L
trans-1,2-Dichloroethene	ND	20	ug/L
1,1-Dichloroethane	ND	20	ug/L
2,2-Dichloropropane	ND	20	ug/L
cis-1,2-Dichloroethene	**46**	**20**	**ug/L**
Chloroform	**110**	**20**	**ug/L**
Bromochloromethane	ND	20	ug/L
1,1,1-Trichloroethane	ND	20	ug/L
2-Butanone	ND	100	ug/L
1,1-Dichloropropene	ND	20	ug/L
Carbon tetrachloride	ND	10	ug/L
1,2-Dibromoethane	ND	20	ug/L
Benzene	ND	20	ug/L
Trichloroethene	**1300**	**20**	**ug/L**
Bromodichloromethane	ND	20	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Toluene	ND	20	ug/L
1,1,2-Trichloroethane	ND	20	ug/L
1,2-Dichloroethane	ND	10	ug/L
Tetrachloroethene	ND	20	ug/L
2-Hexanone	ND	100	ug/L
Dibromochloromethane	ND	20	ug/L
Chlorobenzene	ND	20	ug/L
1,1,1,2-Tetrachloroethane	ND	20	ug/L
Ethylbenzene	ND	20	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	20	ug/L
Styrene	ND	20	ug/L
Bromoform	ND	20	ug/L

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Tait Environmental

Client Sample ID: MWC017_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-003 **Work Order #...:** HK7QP1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	20	ug/L
1,1,2,2-Tetrachloroethane	ND	20	ug/L
1,2,3-Trichloropropane	ND	20	ug/L
n-Propylbenzene	ND	20	ug/L
Bromobenzene	ND	20	ug/L
1,3,5-Trimethylbenzene	ND	20	ug/L
2-Chlorotoluene	ND	20	ug/L
4-Chlorotoluene	ND	20	ug/L
tert-Butylbenzene	ND	20	ug/L
1,2,4-Trimethylbenzene	ND	20	ug/L
sec-Butylbenzene	ND	20	ug/L
p-Isopropyltoluene	ND	20	ug/L
1,3-Dichlorobenzene	ND	20	ug/L
1,4-Dichlorobenzene	ND	20	ug/L
n-Butylbenzene	ND	20	ug/L
1,2-Dichlorobenzene	ND	20	ug/L
1,2-Dibromo-3-chloro-propane	ND	40	ug/L
1,2,4-Trichloro-benzene	ND	20	ug/L
Hexachlorobutadiene	ND	20	ug/L
1,2,3-Trichlorobenzene	ND	20	ug/L
Acrolein	ND	400	ug/L
Acrylonitrile	ND	400	ug/L
Iodomethane	ND	40	ug/L
2-Chloroethyl vinyl ether	ND	100	ug/L
Tetrahydrofuran	ND	200	ug/L
Vinyl acetate	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	104	(80 - 130)

Tait Environmental

Client Sample ID: FB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-004 **Work Order #...:** HK7QQ1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 09:00 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **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	**3.7 J**	**10**	**ug/L**
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Carbon tetrachloride	ND	0.50	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	0.50	ug/L
Xylenes (total)	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L

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BOE-C6-0105506

Tait Environmental

Client Sample ID: FB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-004 **Work Order #...:** HK7QQ1AA **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	**0.93 J**	**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	86	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWC022_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-005 **Work Order #...:** HK7QV1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 10:10 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/28/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271747 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	2.5	ug/L
Chloromethane	ND	5.0	ug/L
Chloroethane	ND	5.0	ug/L
Bromomethane	ND	5.0	ug/L
Trichlorofluoromethane	ND	5.0	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	2.5	ug/L
1,1-Dichloroethene	**130**	**2.5**	**ug/L**
Methylene chloride	ND	2.5	ug/L
Methyl tert-butyl ether	ND	2.5	ug/L
Carbon disulfide	ND	2.5	ug/L
Acetone	ND	25	ug/L
trans-1,2-Dichloroethene	**1.2 J**	**2.5**	**ug/L**
1,1-Dichloroethane	**1.0 J**	**2.5**	**ug/L**
2,2-Dichloropropane	ND	2.5	ug/L
cis-1,2-Dichloroethene	**2.3 J**	**2.5**	**ug/L**
Chloroform	ND	2.5	ug/L
Bromochloromethane	ND	2.5	ug/L
1,1,1-Trichloroethane	**20**	**2.5**	**ug/L**
2-Butanone	ND	12	ug/L
1,1-Dichloropropene	ND	2.5	ug/L
Carbon tetrachloride	ND	1.2	ug/L
1,2-Dibromoethane	ND	2.5	ug/L
Benzene	ND	2.5	ug/L
Trichloroethene	**70**	**2.5**	**ug/L**
Bromodichloromethane	ND	2.5	ug/L
4-Methyl-2-pentanone	ND	12	ug/L
Toluene	**0.83 J**	**2.5**	**ug/L**
1,1,2-Trichloroethane	ND	2.5	ug/L
1,2-Dichloroethane	ND	1.2	ug/L
Tetrachloroethene	ND	2.5	ug/L
2-Hexanone	ND	12	ug/L
Dibromochloromethane	ND	2.5	ug/L
Chlorobenzene	ND	2.5	ug/L
1,1,1,2-Tetrachloroethane	ND	2.5	ug/L
Ethylbenzene	ND	2.5	ug/L
Vinyl chloride	ND	1.2	ug/L
Xylenes (total)	ND	2.5	ug/L
Styrene	ND	2.5	ug/L
Bromoform	ND	2.5	ug/L

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BOE-C6-0105508

Tait Environmental

Client Sample ID: MWC022_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-005 **Work Order #...:** HK7QV1AA **Matrix.....:** WG

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	84	(75 - 130)
1,2-Dichloroethane-d4	104	(65 - 135)
Toluene-d8	97	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: TMW_07_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-006 **Work Order #...:** HK7QX1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 10:55 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/27/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271703 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	20	ug/L
Chloromethane	ND	40	ug/L
Chloroethane	ND	40	ug/L
Bromomethane	ND	40	ug/L
Trichlorofluoromethane	ND	40	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	20	ug/L
1,1-Dichloroethene	**35**	**20**	**ug/L**
Methylene chloride	ND	20	ug/L
Methyl tert-butyl ether	ND	20	ug/L
Carbon disulfide	ND	20	ug/L
Acetone	ND	200	ug/L
trans-1,2-Dichloroethene	ND	20	ug/L
1,1-Dichloroethane	ND	20	ug/L
2,2-Dichloropropane	ND	20	ug/L
cis-1,2-Dichloroethene	ND	20	ug/L
Chloroform	ND	20	ug/L
Bromochloromethane	ND	20	ug/L
1,1,1-Trichloroethane	ND	20	ug/L
2-Butanone	ND	100	ug/L
1,1-Dichloropropene	ND	20	ug/L
Carbon tetrachloride	ND	10	ug/L
1,2-Dibromoethane	ND	20	ug/L
Benzene	ND	20	ug/L
Trichloroethene	**2000**	**20**	**ug/L**
Bromodichloromethane	ND	20	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Toluene	ND	20	ug/L
1,1,2-Trichloroethane	**7.2 J**	**20**	**ug/L**
1,2-Dichloroethane	ND	10	ug/L
Tetrachloroethene	ND	20	ug/L
2-Hexanone	ND	100	ug/L
Dibromochloromethane	ND	20	ug/L
Chlorobenzene	ND	20	ug/L
1,1,1,2-Tetrachloroethane	ND	20	ug/L
Ethylbenzene	ND	20	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	20	ug/L
Styrene	ND	20	ug/L
Bromoform	ND	20	ug/L

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Tait Environmental

Client Sample ID: TMW_07_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-006 **Work Order #...:** HK7QX1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	20	ug/L
1,1,2,2-Tetrachloroethane	ND	20	ug/L
1,2,3-Trichloropropane	ND	20	ug/L
n-Propylbenzene	ND	20	ug/L
Bromobenzene	ND	20	ug/L
1,3,5-Trimethylbenzene	ND	20	ug/L
2-Chlorotoluene	ND	20	ug/L
4-Chlorotoluene	ND	20	ug/L
tert-Butylbenzene	ND	20	ug/L
1,2,4-Trimethylbenzene	ND	20	ug/L
sec-Butylbenzene	ND	20	ug/L
p-Isopropyltoluene	ND	20	ug/L
1,3-Dichlorobenzene	ND	20	ug/L
1,4-Dichlorobenzene	ND	20	ug/L
n-Butylbenzene	ND	20	ug/L
1,2-Dichlorobenzene	ND	20	ug/L
1,2-Dibromo-3-chloro-propane	ND	40	ug/L
1,2,4-Trichloro-benzene	ND	20	ug/L
Hexachlorobutadiene	ND	20	ug/L
1,2,3-Trichlorobenzene	ND	20	ug/L
Acrolein	ND	400	ug/L
Acrylonitrile	ND	400	ug/L
Iodomethane	ND	40	ug/L
2-Chloroethyl vinyl ether	ND	100	ug/L
Tetrahydrofuran	**840**	**200**	**ug/L**
Vinyl acetate	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	84	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	106	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWB019_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-007 **Work Order #...:** HK7Q11AA **Matrix.....:** WG
Date Sampled...: 09/22/05 11:40 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **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	**3000**	**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	**140**	**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	**150**	**50**	**ug/L**
2-Hexanone	ND	250	ug/L
Dibromochloromethane	ND	50	ug/L
Chlorobenzene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
Xylenes (total)	ND	50	ug/L
Styrene	ND	50	ug/L
Bromoform	ND	50	ug/L

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Tait Environmental

Client Sample ID: MWB019_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-007 **Work Order #...:** HK7Q11AA **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	**160 J**	**500**	**ug/L**
Vinyl acetate	ND	250	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: MWB007_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-008 **Work Order #...:** HK7Q21AA **Matrix.....:** WG
Date Sampled...: 09/22/05 12:40 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **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	**2600**	**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	**24 J**	**50**	**ug/L**
1,1-Dichloroethane	**37 J**	**50**	**ug/L**
2,2-Dichloropropane	ND	50	ug/L
cis-1,2-Dichloroethene	**23 J**	**50**	**ug/L**
Chloroform	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
1,1,1-Trichloroethane	ND	50	ug/L
2-Butanone	ND	250	ug/L
1,1-Dichloropropene	ND	50	ug/L
Carbon tetrachloride	ND	25	ug/L
1,2-Dibromoethane	ND	50	ug/L
Benzene	ND	50	ug/L
Trichloroethene	**2800**	**50**	**ug/L**
Bromodichloromethane	ND	50	ug/L
4-Methyl-2-pentanone	ND	250	ug/L
Toluene	ND	50	ug/L
1,1,2-Trichloroethane	ND	50	ug/L
1,2-Dichloroethane	ND	25	ug/L
Tetrachloroethene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
Dibromochloromethane	ND	50	ug/L
Chlorobenzene	ND	50	ug/L
1,1,1,2-Tetrachloroethane	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
Xylenes (total)	ND	50	ug/L
Styrene	ND	50	ug/L
Bromoform	ND	50	ug/L

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Tait Environmental

Client Sample ID: MWB007_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-008 **Work Order #...:** HK7Q21AA **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	86	(75 - 130)
1,2-Dichloroethane-d4	100	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: EB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-009 **Work Order #...:** HK7Q31AA **Matrix.....:** WG
Date Sampled...: 09/22/05 12:50 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **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	**3.9 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

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BOE-C6-0105516

Tait Environmental

Client Sample ID: EB_TAIT092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-009 **Work Order #...:** HK7Q31AA **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	**1.2**	**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	103	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: CMW001_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-010 **Work Order #...:** HK7Q41AA **Matrix.....:** WG
Date Sampled...: 09/22/05 13:25 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/28/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271747 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	120	ug/L
Chloromethane	ND	250	ug/L
Chloroethane	ND	250	ug/L
Bromomethane	ND	250	ug/L
Trichlorofluoromethane	ND	250	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	120	ug/L
1,1-Dichloroethene	ND	120	ug/L
Methylene chloride	ND	120	ug/L
Methyl tert-butyl ether	ND	120	ug/L
Carbon disulfide	ND	120	ug/L
Acetone	ND	1200	ug/L
trans-1,2-Dichloroethene	ND	120	ug/L
1,1-Dichloroethane	ND	120	ug/L
2,2-Dichloropropane	ND	120	ug/L
cis-1,2-Dichloroethene	ND	120	ug/L
Chloroform	ND	120	ug/L
Bromochloromethane	ND	120	ug/L
1,1,1-Trichloroethane	ND	120	ug/L
2-Butanone	ND	620	ug/L
1,1-Dichloropropene	ND	120	ug/L
Carbon tetrachloride	ND	62	ug/L
1,2-Dibromoethane	ND	120	ug/L
Benzene	ND	120	ug/L
Trichloroethene	ND	120	ug/L
Bromodichloromethane	ND	120	ug/L
4-Methyl-2-pentanone	ND	620	ug/L
Toluene	ND	120	ug/L
1,1,2-Trichloroethane	ND	120	ug/L
1,2-Dichloroethane	ND	62	ug/L
Tetrachloroethene	ND	120	ug/L
2-Hexanone	ND	620	ug/L
Dibromochloromethane	ND	120	ug/L
Chlorobenzene	**10000**	**120**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	120	ug/L
Ethylbenzene	ND	120	ug/L
Vinyl chloride	ND	62	ug/L
Xylenes (total)	ND	120	ug/L
Styrene	ND	120	ug/L
Bromoform	ND	120	ug/L

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BOE-C6-0105518

Tait Environmental

Client Sample ID: CMW001_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-010 **Work Order #...:** HK7Q41AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	120	ug/L
1,1,2,2-Tetrachloroethane	ND	120	ug/L
1,2,3-Trichloropropane	ND	120	ug/L
n-Propylbenzene	ND	120	ug/L
Bromobenzene	ND	120	ug/L
1,3,5-Trimethylbenzene	ND	120	ug/L
2-Chlorotoluene	ND	120	ug/L
4-Chlorotoluene	ND	120	ug/L
tert-Butylbenzene	ND	120	ug/L
1,2,4-Trimethylbenzene	ND	120	ug/L
sec-Butylbenzene	ND	120	ug/L
p-Isopropyltoluene	ND	120	ug/L
1,3-Dichlorobenzene	ND	120	ug/L
1,4-Dichlorobenzene	ND	120	ug/L
n-Butylbenzene	ND	120	ug/L
1,2-Dichlorobenzene	ND	120	ug/L
1,2-Dibromo-3-chloro-propane	ND	250	ug/L
1,2,4-Trichloro-benzene	ND	120	ug/L
Hexachlorobutadiene	ND	120	ug/L
1,2,3-Trichlorobenzene	ND	120	ug/L
Acrolein	ND	2500	ug/L
Acrylonitrile	ND	2500	ug/L
Iodomethane	ND	250	ug/L
2-Chloroethyl vinyl ether	ND	620	ug/L
Tetrahydrofuran	ND	1200	ug/L
Vinyl acetate	ND	620	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(75 - 130)
1,2-Dichloroethane-d4	96	(65 - 135)
Toluene-d8	96	(80 - 130)

BOE-C6-0105519

Tait Environmental

Client Sample ID: MWC023_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-011 **Work Order #...:** HK7Q51AA **Matrix.....:** WG
Date Sampled...: 09/22/05 14:10 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564 **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	**4000**	**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	**41 J**	**50**	**ug/L**
1,1-Dichloroethane	**39 J**	**50**	**ug/L**
2,2-Dichloropropane	ND	50	ug/L
cis-1,2-Dichloroethene	**220**	**50**	**ug/L**
Chloroform	ND	50	ug/L
Bromochloromethane	ND	50	ug/L
1,1,1-Trichloroethane	**140**	**50**	**ug/L**
2-Butanone	**5600**	**250**	**ug/L**
1,1-Dichloropropene	ND	50	ug/L
Carbon tetrachloride	**24 J**	**25**	**ug/L**
1,2-Dibromoethane	ND	50	ug/L
Benzene	ND	50	ug/L
Trichloroethene	**610**	**50**	**ug/L**
Bromodichloromethane	ND	50	ug/L
4-Methyl-2-pentanone	**4300**	**250**	**ug/L**
Toluene	**38 J**	**50**	**ug/L**
1,1,2-Trichloroethane	ND	50	ug/L
1,2-Dichloroethane	ND	25	ug/L
Tetrachloroethene	ND	50	ug/L
2-Hexanone	ND	250	ug/L
Dibromochloromethane	ND	50	ug/L
Chlorobenzene	**46 J**	**50**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	50	ug/L
Ethylbenzene	ND	50	ug/L
Vinyl chloride	ND	25	ug/L
Xylenes (total)	ND	50	ug/L
Styrene	ND	50	ug/L
Bromoform	ND	50	ug/L

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Tait Environmental

Client Sample ID: MWC023_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-011 **Work Order #...:** HK7Q51AA **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	86	(75 - 130)
1,2-Dichloroethane-d4	99	(65 - 135)
Toluene-d8	113	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

Tait Environmental

Client Sample ID: CMW002_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-012 **Work Order #...:** HK7Q61AA **Matrix.....:** WG
Date Sampled...: 09/22/05 15:00 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/27/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271703 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	100	ug/L
Chloromethane	ND	200	ug/L
Chloroethane	ND	200	ug/L
Bromomethane	ND	200	ug/L
Trichlorofluoromethane	ND	200	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	100	ug/L
1,1-Dichloroethene	ND	100	ug/L
Methylene chloride	ND	100	ug/L
Methyl tert-butyl ether	ND	100	ug/L
Carbon disulfide	ND	100	ug/L
Acetone	ND	1000	ug/L
trans-1,2-Dichloroethene	ND	100	ug/L
1,1-Dichloroethane	ND	100	ug/L
2,2-Dichloropropane	ND	100	ug/L
cis-1,2-Dichloroethene	ND	100	ug/L
Chloroform	ND	100	ug/L
Bromochloromethane	ND	100	ug/L
1,1,1-Trichloroethane	ND	100	ug/L
2-Butanone	ND	500	ug/L
1,1-Dichloropropene	ND	100	ug/L
Carbon tetrachloride	ND	50	ug/L
1,2-Dibromoethane	ND	100	ug/L
Benzene	**43 J**	**100**	**ug/L**
Trichloroethene	**410**	**100**	**ug/L**
Bromodichloromethane	ND	100	ug/L
4-Methyl-2-pentanone	ND	500	ug/L
Toluene	ND	100	ug/L
1,1,2-Trichloroethane	ND	100	ug/L
1,2-Dichloroethane	ND	50	ug/L
Tetrachloroethene	ND	100	ug/L
2-Hexanone	ND	500	ug/L
Dibromochloromethane	ND	100	ug/L
Chlorobenzene	**7900**	**100**	**ug/L**
1,1,1,2-Tetrachloroethane	ND	100	ug/L
Ethylbenzene	ND	100	ug/L
Vinyl chloride	ND	50	ug/L
Xylenes (total)	ND	100	ug/L
Styrene	ND	100	ug/L
Bromoform	ND	100	ug/L

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Tait Environmental

Client Sample ID: CMW002_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-012 **Work Order #...:** HK7Q61AA **Matrix.....:** WG

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

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	84	(75 - 130)
1,2-Dichloroethane-d4	93	(65 - 135)
Toluene-d8	102	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

SEVERN TRENT STL

QA/QC

BOE-C6-0105524

QC DATA ASSOCIATION SUMMARY

E5I220419

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	WG	SW846 8260B		5270564	
002	WG	SW846 8260B		5270564	
003	WG	SW846 8260B		5270564	
004	WG	SW846 8260B		5270564	
005	WG	SW846 8260B		5271747	5271468
006	WG	SW846 8260B		5271703	5271443
007	WG	SW846 8260B		5270564	
008	WG	SW846 8260B		5270564	
009	WG	SW846 8260B		5270564	
010	WG	SW846 8260B		5271747	5271468
011	WG	SW846 8260B		5270564	
012	WG	SW846 8260B		5271703	5271443

BOE-C6-0105525

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AA **Matrix.....:** WATER
MB Lot-Sample #: E5I270000-564

Prep Date.....: 09/26/05
Analysis Date..: 09/26/05 **Prep Batch #...:** 5270564

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

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BOE-C6-0105526

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AA **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	89	(75 - 130)
1,2-Dichloroethane-d4	98	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

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

BOE-C6-0105527

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AA **Matrix.....:** WATER
MB Lot-Sample #: E5I280000-703

Prep Date.....: 09/27/05
Analysis Date..: 09/27/05 **Prep Batch #...:** 5271703

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

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BOE-C6-0105528

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AA **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-enzene	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	86	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	103	(80 - 130)

NOTE(S):

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

BOE-C6-0105529

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AA **Matrix.....:** WATER
MB Lot-Sample #: E5I280000-747

Prep Date.....: 09/28/05
Analysis Date..: 09/28/05 **Prep Batch #...:** 5271747

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

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AA **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-enzene	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	83	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	101	(80 - 130)

NOTE(S):

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

BOE-C6-0105531

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I270000-564
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	125	(40 - 160)	SW846 8260B
Chloromethane	129	(60 - 140)	SW846 8260B
Chloroethane	147 a	(60 - 140)	SW846 8260B
Bromomethane	156 a	(60 - 140)	SW846 8260B
t-Butanol	110	(40 - 150)	SW846 8260B
Trichlorofluoromethane	107	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	93	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**116**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	106	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	97	(70 - 130)	SW846 8260B
Carbon disulfide	118	(70 - 130)	SW846 8260B
Acetone	96	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	113	(70 - 130)	SW846 8260B
1,1-Dichloroethane	116	(70 - 130)	SW846 8260B
Dibromomethane	92	(70 - 130)	SW846 8260B
2,2-Dichloropropane	119	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	113	(70 - 130)	SW846 8260B
Chloroform	105	(70 - 130)	SW846 8260B
Bromochloromethane	88	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	109	(70 - 130)	SW846 8260B
2-Butanone	109	(60 - 140)	SW846 8260B
1,1-Dichloropropene	106	(70 - 130)	SW846 8260B
1,2-Dichloropropane	109	(70 - 130)	SW846 8260B
Carbon tetrachloride	115	(70 - 130)	SW846 8260B
1,3-Dichloropropane	95	(70 - 130)	SW846 8260B
1,2-Dibromoethane	91	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	115	(70 - 130)	SW846 8260B
Benzene	**105**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	98	(70 - 130)	SW846 8260B
Trichloroethene	**112**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	113	(70 - 130)	SW846 8260B
Isopropyl ether	113	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	100	(60 - 140)	SW846 8260B
Naphthalene	96	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I270000-564

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**104**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	88	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	94	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	104	(70 - 130)	SW846 8260B
1,2-Dichloroethane	104	(70 - 130)	SW846 8260B
Tetrachloroethene	105	(70 - 130)	SW846 8260B
2-Hexanone	103	(60 - 140)	SW846 8260B
Dibromochloromethane	109	(70 - 130)	SW846 8260B
Chlorobenzene	**106**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	109	(70 - 130)	SW846 8260B
Ethylbenzene	109	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	107	(70 - 130)	SW846 8260B
Vinyl chloride	127	(60 - 140)	SW846 8260B
o-Xylene	109	(70 - 130)	SW846 8260B
Styrene	104	(70 - 130)	SW846 8260B
omoform	111	(70 - 130)	SW846 8260B
opropylbenzene	94	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	88	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	95	(70 - 130)	SW846 8260B
n-Propylbenzene	101	(70 - 130)	SW846 8260B
Bromobenzene	100	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	103	(70 - 130)	SW846 8260B
2-Chlorotoluene	108	(70 - 130)	SW846 8260B
4-Chlorotoluene	106	(70 - 130)	SW846 8260B
tert-Butylbenzene	105	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	103	(70 - 130)	SW846 8260B
sec-Butylbenzene	104	(70 - 130)	SW846 8260B
p-Isopropyltoluene	97	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	100	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	97	(70 - 130)	SW846 8260B
n-Butylbenzene	100	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	93	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	99	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	100	(70 - 130)	SW846 8260B
Hexachlorobutadiene	103	(70 - 130)	SW846 8260B

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BOE-C6-0105533

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I270000-564

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	92	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	95	(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 #...: E5I220419 **Work Order #...:** HLHJR1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I270000-564
Prep Date.....: 09/26/05 **Analysis Date..:** 09/26/05
Prep Batch #...: 5270564

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	12.5	ug/L	125	SW846 8260B
Chloromethane	10.0	12.9	ug/L	129	SW846 8260B
Chloroethane	10.0	14.7 a	ug/L	147	SW846 8260B
Bromomethane	10.0	15.6 a	ug/L	156	SW846 8260B
t-Butanol	50.0	55.2	ug/L	110	SW846 8260B
Trichlorofluoromethane	10.0	10.7	ug/L	107	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	9.34	ug/L	93	SW846 8260B
1,1-Dichloroethene	**10.0**	**11.6**	**ug/L**	**116**	**SW846 8260B**
Methylene chloride	10.0	10.6	ug/L	106	SW846 8260B
Methyl tert-butyl ether	10.0	9.66	ug/L	97	SW846 8260B
Carbon disulfide	50.0	58.9	ug/L	118	SW846 8260B
Acetone	50.0	47.8	ug/L	96	SW846 8260B
trans-1,2-Dichloroethene	10.0	11.3	ug/L	113	SW846 8260B
1-Dichloroethane	10.0	11.6	ug/L	116	SW846 8260B
Dibromomethane	10.0	9.16	ug/L	92	SW846 8260B
2,2-Dichloropropane	10.0	11.9	ug/L	119	SW846 8260B
cis-1,2-Dichloroethene	10.0	11.3	ug/L	113	SW846 8260B
Chloroform	10.0	10.5	ug/L	105	SW846 8260B
Bromochloromethane	10.0	8.83	ug/L	88	SW846 8260B
1,1,1-Trichloroethane	10.0	10.9	ug/L	109	SW846 8260B
2-Butanone	50.0	54.5	ug/L	109	SW846 8260B
1,1-Dichloropropene	10.0	10.6	ug/L	106	SW846 8260B
1,2-Dichloropropane	10.0	10.9	ug/L	109	SW846 8260B
Carbon tetrachloride	10.0	11.5	ug/L	115	SW846 8260B
1,3-Dichloropropane	10.0	9.52	ug/L	95	SW846 8260B
1,2-Dibromoethane	10.0	9.14	ug/L	91	SW846 8260B
cis-1,3-Dichloropropene	10.0	11.5	ug/L	115	SW846 8260B
Benzene	**10.0**	**10.5**	**ug/L**	**105**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	9.81	ug/L	98	SW846 8260B
Trichloroethene	**10.0**	**11.2**	**ug/L**	**112**	**SW846 8260B**
Bromodichloromethane	10.0	11.3	ug/L	113	SW846 8260B
Isopropyl ether	10.0	11.3	ug/L	113	SW846 8260B
4-Methyl-2-pentanone	50.0	50.2	ug/L	100	SW846 8260B
Naphthalene	10.0	9.60	ug/L	96	SW846 8260B

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BOE-C6-0105535

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I270000-564

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.75	ug/L	88	SW846 8260B
Tert-amyl methyl ether	10.0	9.37	ug/L	94	SW846 8260B
Tert-butyl ethyl ether	10.0	10.4	ug/L	104	SW846 8260B
1,2-Dichloroethane	10.0	10.4	ug/L	104	SW846 8260B
Tetrachloroethene	10.0	10.5	ug/L	105	SW846 8260B
2-Hexanone	50.0	51.4	ug/L	103	SW846 8260B
Dibromochloromethane	10.0	10.9	ug/L	109	SW846 8260B
Chlorobenzene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	10.9	ug/L	109	SW846 8260B
Ethylbenzene	10.0	10.9	ug/L	109	SW846 8260B
m-Xylene & p-Xylene	20.0	21.4	ug/L	107	SW846 8260B
Vinyl chloride	10.0	12.7	ug/L	127	SW846 8260B
o-Xylene	10.0	10.9	ug/L	109	SW846 8260B
Styrene	10.0	10.4	ug/L	104	SW846 8260B
Bromoform	10.0	11.1	ug/L	111	SW846 826[illegible]
Isopropylbenzene	10.0	9.40	ug/L	94	SW846 8260[illegible]
1,1,2,2-Tetrachloroethane	10.0	8.81	ug/L	88	SW846 8260B
1,2,3-Trichloropropane	10.0	9.47	ug/L	95	SW846 8260B
n-Propylbenzene	10.0	10.1	ug/L	101	SW846 8260B
Bromobenzene	10.0	10.0	ug/L	100	SW846 8260B
1,3,5-Trimethylbenzene	10.0	10.3	ug/L	103	SW846 8260B
2-Chlorotoluene	10.0	10.8	ug/L	108	SW846 8260B
4-Chlorotoluene	10.0	10.6	ug/L	106	SW846 8260B
tert-Butylbenzene	10.0	10.5	ug/L	105	SW846 8260B
1,2,4-Trimethylbenzene	10.0	10.3	ug/L	103	SW846 8260B
sec-Butylbenzene	10.0	10.4	ug/L	104	SW846 8260B
p-Isopropyltoluene	10.0	9.69	ug/L	97	SW846 8260B
1,3-Dichlorobenzene	10.0	10.0	ug/L	100	SW846 8260B
1,4-Dichlorobenzene	10.0	9.67	ug/L	97	SW846 8260B
n-Butylbenzene	10.0	10.0	ug/L	100	SW846 8260B
1,2-Dichlorobenzene	10.0	9.32	ug/L	93	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	9.86	ug/L	99	SW846 8260B
1,2,4-Trichloro-benzene	10.0	10.0	ug/L	100	SW846 8260B
Hexachlorobutadiene	10.0	10.3	ug/L	103	SW846 8260B

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BOE-C6-0105536

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLHJR1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I270000-564

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	9.15	ug/L	92	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	99	(75 - 130)
1,2-Dichloroethane-d4	95	(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 EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-703
Prep Date.....: 09/27/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5271703

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	136	(40 - 160)	SW846 8260B
Chloromethane	114	(60 - 140)	SW846 8260B
Chloroethane	98	(60 - 140)	SW846 8260B
Bromomethane	143 a	(60 - 140)	SW846 8260B
t-Butanol	93	(40 - 150)	SW846 8260B
Trichlorofluoromethane	112	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	106	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**115**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	97	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	84	(70 - 130)	SW846 8260B
Carbon disulfide	115	(70 - 130)	SW846 8260B
Acetone	96	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	108	(70 - 130)	SW846 8260B
1,1-Dichloroethane	107	(70 - 130)	SW846 8260B
Dibromomethane	92	(70 - 130)	SW846 8260B
2,2-Dichloropropane	104	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	101	(70 - 130)	SW846 8260B
Chloroform	102	(70 - 130)	SW846 8260B
Bromochloromethane	79	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	107	(70 - 130)	SW846 8260B
2-Butanone	96	(60 - 140)	SW846 8260B
1,1-Dichloropropene	105	(70 - 130)	SW846 8260B
1,2-Dichloropropane	97	(70 - 130)	SW846 8260B
Carbon tetrachloride	117	(70 - 130)	SW846 8260B
1,3-Dichloropropane	94	(70 - 130)	SW846 8260B
1,2-Dibromoethane	96	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	109	(70 - 130)	SW846 8260B
Benzene	**105**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	90	(70 - 130)	SW846 8260B
Trichloroethene	**118**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	104	(70 - 130)	SW846 8260B
Isopropyl ether	97	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	95	(60 - 140)	SW846 8260B
Naphthalene	90	(60 - 140)	SW846 8260B

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BOE-C6-0105538

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-703

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**106**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	96	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	84	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	83	(70 - 130)	SW846 8260B
1,2-Dichloroethane	94	(70 - 130)	SW846 8260B
Tetrachloroethene	119	(70 - 130)	SW846 8260B
2-Hexanone	94	(60 - 140)	SW846 8260B
Dibromochloromethane	108	(70 - 130)	SW846 8260B
Chlorobenzene	**114**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	111	(70 - 130)	SW846 8260B
Ethylbenzene	114	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	111	(70 - 130)	SW846 8260B
Vinyl chloride	125	(60 - 140)	SW846 8260B
o-Xylene	112	(70 - 130)	SW846 8260B
Styrene	108	(70 - 130)	SW846 8260B
Bromoform	107	(70 - 130)	SW846 8260B
Isopropylbenzene	98	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	96	(70 - 130)	SW846 8260B
n-Propylbenzene	102	(70 - 130)	SW846 8260B
Bromobenzene	107	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	104	(70 - 130)	SW846 8260B
2-Chlorotoluene	114	(70 - 130)	SW846 8260B
4-Chlorotoluene	109	(70 - 130)	SW846 8260B
tert-Butylbenzene	110	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	102	(70 - 130)	SW846 8260B
sec-Butylbenzene	109	(70 - 130)	SW846 8260B
p-Isopropyltoluene	101	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	106	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	103	(70 - 130)	SW846 8260B
n-Butylbenzene	101	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	99	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	89	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	96	(70 - 130)	SW846 8260B
Hexachlorobutadiene	108	(70 - 130)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-703

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	92	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	85	(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

a Spiked analyte recovery is outside stated control limits.

BOE-C6-0105540

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-703
Prep Date.....: 09/27/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5271703

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Dichlorodifluoromethane	10.0	13.6	ug/L	136	SW846 8260B
Chloromethane	10.0	11.4	ug/L	114	SW846 8260B
Chloroethane	10.0	9.76	ug/L	98	SW846 8260B
Bromomethane	10.0	14.3 a	ug/L	143	SW846 8260B
t-Butanol	50.0	46.5	ug/L	93	SW846 8260B
Trichlorofluoromethane	10.0	11.2	ug/L	112	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	10.6	ug/L	106	SW846 8260B
1,1-Dichloroethene	**10.0**	**11.5**	**ug/L**	**115**	**SW846 8260B**
Methylene chloride	10.0	9.73	ug/L	97	SW846 8260B
Methyl tert-butyl ether	10.0	8.35	ug/L	84	SW846 8260B
Carbon disulfide	50.0	57.3	ug/L	115	SW846 8260B
Acetone	50.0	48.1	ug/L	96	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.8	ug/L	108	SW846 8260B
1-Dichloroethane	10.0	10.7	ug/L	107	SW846 8260B
Dibromomethane	10.0	9.16	ug/L	92	SW846 8260B
2,2-Dichloropropane	10.0	10.4	ug/L	104	SW846 8260B
cis-1,2-Dichloroethene	10.0	10.1	ug/L	101	SW846 8260B
Chloroform	10.0	10.2	ug/L	102	SW846 8260B
Bromochloromethane	10.0	7.88	ug/L	79	SW846 8260B
1,1,1-Trichloroethane	10.0	10.7	ug/L	107	SW846 8260B
2-Butanone	50.0	48.0	ug/L	96	SW846 8260B
1,1-Dichloropropene	10.0	10.5	ug/L	105	SW846 8260B
1,2-Dichloropropane	10.0	9.70	ug/L	97	SW846 8260B
Carbon tetrachloride	10.0	11.7	ug/L	117	SW846 8260B
1,3-Dichloropropane	10.0	9.43	ug/L	94	SW846 8260B
1,2-Dibromoethane	10.0	9.59	ug/L	96	SW846 8260B
cis-1,3-Dichloropropene	10.0	10.9	ug/L	109	SW846 8260B
Benzene	**10.0**	**10.5**	**ug/L**	**105**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.96	ug/L	90	SW846 8260B
Trichloroethene	**10.0**	**11.8**	**ug/L**	**118**	**SW846 8260B**
Bromodichloromethane	10.0	10.4	ug/L	104	SW846 8260B
Isopropyl ether	10.0	9.67	ug/L	97	SW846 8260B
4-Methyl-2-pentanone	50.0	47.4	ug/L	95	SW846 8260B
Naphthalene	10.0	9.05	ug/L	90	SW846 8260B

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BOE-C6-0105541

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-703

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**10.6**	**ug/L**	**106**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	9.56	ug/L	96	SW846 8260B
Tert-amyl methyl ether	10.0	8.37	ug/L	84	SW846 8260B
Tert-butyl ethyl ether	10.0	8.34	ug/L	83	SW846 8260B
1,2-Dichloroethane	10.0	9.40	ug/L	94	SW846 8260B
Tetrachloroethene	10.0	11.9	ug/L	119	SW846 8260B
2-Hexanone	50.0	46.8	ug/L	94	SW846 8260B
Dibromochloromethane	10.0	10.8	ug/L	108	SW846 8260B
Chlorobenzene	**10.0**	**11.4**	**ug/L**	**114**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	11.1	ug/L	111	SW846 8260B
Ethylbenzene	10.0	11.4	ug/L	114	SW846 8260B
m-Xylene & p-Xylene	20.0	22.2	ug/L	111	SW846 8260B
Vinyl chloride	10.0	12.5	ug/L	125	SW846 8260B
o-Xylene	10.0	11.2	ug/L	112	SW846 8260B
Styrene	10.0	10.8	ug/L	108	SW846 8260B
Bromoform	10.0	10.7	ug/L	107	SW846 826
Isopropylbenzene	10.0	9.80	ug/L	98	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.20	ug/L	92	SW846 8260B
1,2,3-Trichloropropane	10.0	9.59	ug/L	96	SW846 8260B
n-Propylbenzene	10.0	10.2	ug/L	102	SW846 8260B
Bromobenzene	10.0	10.7	ug/L	107	SW846 8260B
1,3,5-Trimethylbenzene	10.0	10.4	ug/L	104	SW846 8260B
2-Chlorotoluene	10.0	11.4	ug/L	114	SW846 8260B
4-Chlorotoluene	10.0	10.9	ug/L	109	SW846 8260B
tert-Butylbenzene	10.0	11.0	ug/L	110	SW846 8260B
1,2,4-Trimethylbenzene	10.0	10.2	ug/L	102	SW846 8260B
sec-Butylbenzene	10.0	10.9	ug/L	109	SW846 8260B
p-Isopropyltoluene	10.0	10.1	ug/L	101	SW846 8260B
1,3-Dichlorobenzene	10.0	10.6	ug/L	106	SW846 8260B
1,4-Dichlorobenzene	10.0	10.3	ug/L	103	SW846 8260B
n-Butylbenzene	10.0	10.1	ug/L	101	SW846 8260B
1,2-Dichlorobenzene	10.0	9.94	ug/L	99	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	8.88	ug/L	89	SW846 8260B
1,2,4-Trichloro-benzene	10.0	9.60	ug/L	96	SW846 8260B
Hexachlorobutadiene	10.0	10.8	ug/L	108	SW846 8260B

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BOE-C6-0105542

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLMC1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-703

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	9.19	ug/L	92	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	85	(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

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-747
Prep Date.....: 09/28/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271747

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Dichlorodifluoromethane	126	(40 - 160)	SW846 8260B
Chloromethane	117	(60 - 140)	SW846 8260B
Chloroethane	89	(60 - 140)	SW846 8260B
Bromomethane	143 a	(60 - 140)	SW846 8260B
t-Butanol	81	(40 - 150)	SW846 8260B
Trichlorofluoromethane	105	(70 - 130)	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	101	(60 - 140)	SW846 8260B
1,1-Dichloroethene	**110**	**(65 - 135)**	**SW846 8260B**
Methylene chloride	93	(70 - 130)	SW846 8260B
Methyl tert-butyl ether	72	(70 - 130)	SW846 8260B
Carbon disulfide	108	(70 - 130)	SW846 8260B
Acetone	82	(60 - 140)	SW846 8260B
trans-1,2-Dichloroethene	99	(70 - 130)	SW846 8260B
1,1-Dichloroethane	99	(70 - 130)	SW846 8260B
Dibromomethane	85	(70 - 130)	SW846 8260B
2,2-Dichloropropane	96	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	95	(70 - 130)	SW846 8260B
Chloroform	95	(70 - 130)	SW846 8260B
Bromochloromethane	73	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	101	(70 - 130)	SW846 8260B
2-Butanone	87	(60 - 140)	SW846 8260B
1,1-Dichloropropene	99	(70 - 130)	SW846 8260B
1,2-Dichloropropane	96	(70 - 130)	SW846 8260B
Carbon tetrachloride	103	(70 - 130)	SW846 8260B
1,3-Dichloropropane	87	(70 - 130)	SW846 8260B
1,2-Dibromoethane	87	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	98	(70 - 130)	SW846 8260B
Benzene	**100**	**(75 - 125)**	**SW846 8260B**
trans-1,3-Dichloropropene	82	(70 - 130)	SW846 8260B
Trichloroethene	**111**	**(75 - 135)**	**SW846 8260B**
Bromodichloromethane	98	(70 - 130)	SW846 8260B
Isopropyl ether	91	(70 - 130)	SW846 8260B
4-Methyl-2-pentanone	83	(60 - 140)	SW846 8260B
Naphthalene	79	(60 - 140)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-747

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Toluene	**102**	**(75 - 125)**	**SW846 8260B**
1,1,2-Trichloroethane	89	(70 - 130)	SW846 8260B
Tert-amyl methyl ether	72	(70 - 130)	SW846 8260B
Tert-butyl ethyl ether	75	(70 - 130)	SW846 8260B
1,2-Dichloroethane	85	(70 - 130)	SW846 8260B
Tetrachloroethene	113	(70 - 130)	SW846 8260B
2-Hexanone	85	(60 - 140)	SW846 8260B
Dibromochloromethane	97	(70 - 130)	SW846 8260B
Chlorobenzene	**107**	**(75 - 125)**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	107	(70 - 130)	SW846 8260B
Ethylbenzene	108	(70 - 130)	SW846 8260B
m-Xylene & p-Xylene	108	(70 - 130)	SW846 8260B
Vinyl chloride	119	(60 - 140)	SW846 8260B
o-Xylene	107	(70 - 130)	SW846 8260B
Styrene	102	(70 - 130)	SW846 8260B
Bromoform	100	(70 - 130)	SW846 8260B
Isopropylbenzene	94	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	82	(70 - 130)	SW846 8260B
1,2,3-Trichloropropane	86	(70 - 130)	SW846 8260B
n-Propylbenzene	94	(70 - 130)	SW846 8260B
Bromobenzene	98	(70 - 130)	SW846 8260B
1,3,5-Trimethylbenzene	96	(70 - 130)	SW846 8260B
2-Chlorotoluene	107	(70 - 130)	SW846 8260B
4-Chlorotoluene	102	(70 - 130)	SW846 8260B
tert-Butylbenzene	101	(70 - 130)	SW846 8260B
1,2,4-Trimethylbenzene	94	(70 - 130)	SW846 8260B
sec-Butylbenzene	101	(70 - 130)	SW846 8260B
p-Isopropyltoluene	93	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	98	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	95	(70 - 130)	SW846 8260B
n-Butylbenzene	92	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	91	(70 - 130)	SW846 8260B
1,2-Dibromo-3-chloro-propane	79	(60 - 140)	SW846 8260B
1,2,4-Trichloro-benzene	85	(70 - 130)	SW846 8260B
Hexachlorobutadiene	98	(70 - 130)	SW846 8260B

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BOE-C6-0105545

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-747

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,2,3-Trichlorobenzene	82	(70 - 130)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	81	(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 #...: E5I220419 **Work Order #...:** HLLQM1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-747
Prep Date.....: 09/28/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271747

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	8.90	ug/L	89	SW846 8260B
Bromomethane	10.0	14.3 a	ug/L	143	SW846 8260B
t-Butanol	50.0	40.3	ug/L	81	SW846 8260B
Trichlorofluoromethane	10.0	10.5	ug/L	105	SW846 8260B
1,1,2-Trichlorotrifluoro-ethane	10.0	10.1	ug/L	101	SW846 8260B
1,1-Dichloroethene	**10.0**	**11.0**	**ug/L**	**110**	**SW846 8260B**
Methylene chloride	10.0	9.32	ug/L	93	SW846 8260B
Methyl tert-butyl ether	10.0	7.16	ug/L	72	SW846 8260B
Carbon disulfide	50.0	54.0	ug/L	108	SW846 8260B
Acetone	50.0	41.2	ug/L	82	SW846 8260B
trans-1,2-Dichloroethene	10.0	9.94	ug/L	99	SW846 8260B
1-Dichloroethane	10.0	9.94	ug/L	99	SW846 8260B
Dibromomethane	10.0	8.52	ug/L	85	SW846 8260B
2,2-Dichloropropane	10.0	9.60	ug/L	96	SW846 8260B
cis-1,2-Dichloroethene	10.0	9.52	ug/L	95	SW846 8260B
Chloroform	10.0	9.54	ug/L	95	SW846 8260B
Bromochloromethane	10.0	7.30	ug/L	73	SW846 8260B
1,1,1-Trichloroethane	10.0	10.1	ug/L	101	SW846 8260B
2-Butanone	50.0	43.4	ug/L	87	SW846 8260B
1,1-Dichloropropene	10.0	9.88	ug/L	99	SW846 8260B
1,2-Dichloropropane	10.0	9.65	ug/L	96	SW846 8260B
Carbon tetrachloride	10.0	10.3	ug/L	103	SW846 8260B
1,3-Dichloropropane	10.0	8.68	ug/L	87	SW846 8260B
1,2-Dibromoethane	10.0	8.74	ug/L	87	SW846 8260B
cis-1,3-Dichloropropene	10.0	9.80	ug/L	98	SW846 8260B
Benzene	**10.0**	**9.95**	**ug/L**	**100**	**SW846 8260B**
trans-1,3-Dichloropropene	10.0	8.24	ug/L	82	SW846 8260B
Trichloroethene	**10.0**	**11.1**	**ug/L**	**111**	**SW846 8260B**
Bromodichloromethane	10.0	9.77	ug/L	98	SW846 8260B
Isopropyl ether	10.0	9.12	ug/L	91	SW846 8260B
4-Methyl-2-pentanone	50.0	41.5	ug/L	83	SW846 8260B
Naphthalene	10.0	7.93	ug/L	79	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-747

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Toluene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
1,1,2-Trichloroethane	10.0	8.93	ug/L	89	SW846 8260B
Tert-amyl methyl ether	10.0	7.19	ug/L	72	SW846 8260B
Tert-butyl ethyl ether	10.0	7.51	ug/L	75	SW846 8260B
1,2-Dichloroethane	10.0	8.46	ug/L	85	SW846 8260B
Tetrachloroethene	10.0	11.3	ug/L	113	SW846 8260B
2-Hexanone	50.0	42.6	ug/L	85	SW846 8260B
Dibromochloromethane	10.0	9.70	ug/L	97	SW846 8260B
Chlorobenzene	**10.0**	**10.7**	**ug/L**	**107**	**SW846 8260B**
1,1,1,2-Tetrachloroethane	10.0	10.7	ug/L	107	SW846 8260B
Ethylbenzene	10.0	10.8	ug/L	108	SW846 8260B
m-Xylene & p-Xylene	20.0	21.5	ug/L	108	SW846 8260B
Vinyl chloride	10.0	11.9	ug/L	119	SW846 8260B
o-Xylene	10.0	10.7	ug/L	107	SW846 8260B
Styrene	10.0	10.2	ug/L	102	SW846 8260B
Bromoform	10.0	9.98	ug/L	100	SW846 826
Isopropylbenzene	10.0	9.35	ug/L	94	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	8.19	ug/L	82	SW846 8260B
1,2,3-Trichloropropane	10.0	8.63	ug/L	86	SW846 8260B
n-Propylbenzene	10.0	9.43	ug/L	94	SW846 8260B
Bromobenzene	10.0	9.85	ug/L	98	SW846 8260B
1,3,5-Trimethylbenzene	10.0	9.61	ug/L	96	SW846 8260B
2-Chlorotoluene	10.0	10.7	ug/L	107	SW846 8260B
4-Chlorotoluene	10.0	10.2	ug/L	102	SW846 8260B
tert-Butylbenzene	10.0	10.1	ug/L	101	SW846 8260B
1,2,4-Trimethylbenzene	10.0	9.43	ug/L	94	SW846 8260B
sec-Butylbenzene	10.0	10.1	ug/L	101	SW846 8260B
p-Isopropyltoluene	10.0	9.30	ug/L	93	SW846 8260B
1,3-Dichlorobenzene	10.0	9.81	ug/L	98	SW846 8260B
1,4-Dichlorobenzene	10.0	9.54	ug/L	95	SW846 8260B
n-Butylbenzene	10.0	9.18	ug/L	92	SW846 8260B
1,2-Dichlorobenzene	10.0	9.11	ug/L	91	SW846 8260B
1,2-Dibromo-3-chloro-propane	10.0	7.93	ug/L	79	SW846 8260B
1,2,4-Trichloro-benzene	10.0	8.52	ug/L	85	SW846 8260B
Hexachlorobutadiene	10.0	9.80	ug/L	98	SW846 8260B

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BOE-C6-0105548

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLLQM1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5I280000-747

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,2,3-Trichlorobenzene	10.0	8.22	ug/L	82	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 130)
1,2-Dichloroethane-d4	81	(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 #...: E5I220419 **Work Order #...:** HLCF81AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E5I230464-012 HLCF81AD-MSD
Date Sampled...: 09/22/05 15:55 **Date Received..:** 09/23/05 15:15
Prep Date.....: 09/27/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5271703

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**105**	**(65 - 135)**			**SW846 8260B**
	114	**(65 - 135)**	**9.0**	**(0-25)**	**SW846 8260B**
Benzene	**104**	**(75 - 125)**			**SW846 8260B**
	102	**(75 - 125)**	**1.8**	**(0-25)**	**SW846 8260B**
Trichloroethene	**0.0 MSB**	**(75 - 135)**			**SW846 8260B**
	0.0 MSB	**(75 - 135)**	**0.0**	**(0-25)**	**SW846 8260B**
Toluene	**106**	**(75 - 125)**			**SW846 8260B**
	100	**(75 - 125)**	**5.7**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**114**	**(75 - 125)**			**SW846 8260B**
	107	**(75 - 125)**	**5.8**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
	95	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
	84	(65 - 135)
Toluene-d8	107	(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

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 #...: E5I220419 **Work Order #...:** HLCF81AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E5I230464-012 HLCF81AD-MSD
Date Sampled...: 09/22/05 15:55 **Date Received..:** 09/23/05 15:15
Prep Date.....: 09/27/05 **Analysis Date..:** 09/27/05
Prep Batch #...: 5271703

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**500**	**523**	**ug/L**	**105**		**SW846 8260B**
	ND	**500**	**572**	**ug/L**	**114**	**9.0**	**SW846 8260B**
Benzene	**ND**	**500**	**518**	**ug/L**	**104**		**SW846 8260B**
	ND	**500**	**509**	**ug/L**	**102**	**1.8**	**SW846 8260B**
Trichloroethene	**4200**	**500**		**ug/L**	**0.0**		**SW846 8260B**
	Qualifiers:		MSB				
	4200	**500**		**ug/L**	**0.0**	**0.0**	**SW846 8260B**
	Qualifiers:		MSB				
Toluene	**ND**	**500**	**531**	**ug/L**	**106**		**SW846 8260B**
	ND	**500**	**502**	**ug/L**	**100**	**5.7**	**SW846 8260B**
Chlorobenzene	**ND**	**500**	**570**	**ug/L**	**114**		**SW846 8260B**
	ND	**500**	**537**	**ug/L**	**107**	**5.8**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	96	(75 - 130)
	95	(75 - 130)
1,2-Dichloroethane-d4	83	(65 - 135)
	84	(65 - 135)
Toluene-d8	107	(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

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

BOE-C6-0105551

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5I220419 **Work Order #...:** HLCGE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E5I230464-017 HLCGE1AD-MSD
Date Sampled...: 09/23/05 09:00 **Date Received..:** 09/23/05 15:15
Prep Date.....: 09/28/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271747

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1-Dichloroethene	**105**	**(65 - 135)**			**SW846 8260B**
	104	**(65 - 135)**	**0.57**	**(0-25)**	**SW846 8260B**
Benzene	**97**	**(75 - 125)**			**SW846 8260B**
	98	**(75 - 125)**	**0.76**	**(0-25)**	**SW846 8260B**
Trichloroethene	**0.0 MSB**	**(75 - 135)**			**SW846 8260B**
	0.0 MSB	**(75 - 135)**	**0.0**	**(0-25)**	**SW846 8260B**
Toluene	**97**	**(75 - 125)**			**SW846 8260B**
	97	**(75 - 125)**	**0.37**	**(0-25)**	**SW846 8260B**
Chlorobenzene	**108**	**(75 - 125)**			**SW846 8260B**
	107	**(75 - 125)**	**0.74**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
	97	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
	93	(65 - 135)
Toluene-d8	102	(80 - 130)
	102	(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 #...: E5I220419 **Work Order #...:** HLCGE1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: E5I230464-017 HLCGE1AD-MSD
Date Sampled...: 09/23/05 09:00 **Date Received..:** 09/23/05 15:15
Prep Date.....: 09/28/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271747

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**833**	**874**	**ug/L**	**105**		**SW846 8260B**
	ND	**833**	**869**	**ug/L**	**104**	**0.57**	**SW846 8260B**
Benzene	**27**	**833**	**836**	**ug/L**	**97**		**SW846 8260B**
	27	**833**	**843**	**ug/L**	**98**	**0.76**	**SW846 8260B**
Trichloroethene	**6000**	**833**		**ug/L**	**0.0**		**SW846 8260B**
	Qualifiers:		MSB				
	6000	**833**		**ug/L**	**0.0**	**0.0**	**SW846 8260B**
	Qualifiers:		MSB				
Toluene	**ND**	**833**	**809**	**ug/L**	**97**		**SW846 8260B**
	ND	**833**	**806**	**ug/L**	**97**	**0.37**	**SW846 8260B**
Chlorobenzene	**ND**	**833**	**898**	**ug/L**	**108**		**SW846 8260B**
	ND	**833**	**892**	**ug/L**	**107**	**0.74**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	100	(75 - 130)
	97	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
	93	(65 - 135)
Toluene-d8	102	(80 - 130)
	102	(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 D

Data Validation Report

RUBICON

APPENDIX D

BOE-C6-0105555

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

October 31, 2005

SUBJECT: Boeing Realty Corp., Bldg. C-6 Facility, Data Validation

Dear Mr. Hillman,

Enclosed are the final validation reports for the fraction listed below. These SDGs were received on October 20, 2005. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 14166:

SDG #	Fraction
E5I200157, E5I210421, E5I220419	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,

Stella S. Cuenco
Project Manager/Senior Chemist

14166COV.wpd

Attachment 1

LDC #14166 (Tait Environmenal Management, Inc. / Boeing Realty Corp., Former C-6 Facility, Torrance, CA)

LDC	SDG#	DATE REC'D	(3) 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	E5I200157	10/20/05	11/10/05	1	0	Ter I																													
B	E5I210421	10/20/05	11/10/05	1	0																														
C	E5I220419	10/20/05	11/10/05	1	0																														
Total	B/SC			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

aded cells indcate Tier III validation (al other cells are Tier II validation). Sample counts do not inc MS, MSD, or DUP's.

14166ST.wp

Boeing Realty Corp., Former C-6 Facility, Torrance, CA
Data Validation Reports
LDC# 14166

Volatiles

Laboratory Data Consultants, Inc.
Data Validation Report

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

Collection Date: September 19, 2005

LDC Report Date: October 28, 2005

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 1

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E5I200157

Sample Identification

TMW_14_WG091905_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 qualification summary table is provided at the end of this report if data has been qualified. Flags are classified a 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.

BOE-C6-0105560

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.

BOE-C6-0105561

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 are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Data Qualification Summary - SDG E5I200157

No Sample Data Qualified in this SDG

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Laboratory Blank Data Qualification Summary - SDG E5I200157

No Sample Data Qualified in this SDG

Tait Environmental

Client Sample ID: TMW_14_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-006 **Work Order #...:** HKXXL1AA **Matrix.....:** W
Date Sampled...: 09/19/05 13:30 **Date Received..:** 09/19/05 17:00
Prep Date.....: 09/22/05 **Analysis Date..:** 09/22/05
Prep Batch #...: 5265650 **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	**0.39 J**	**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	**1.5**	**0.50**	**ug/L**
1,2-Dibromoethane	ND	1.0	ug/L
Benzene	ND	1.0	ug/L
Trichloroethene	**7.3**	**1.0**	**ug/L**
Bromodichloromethane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Toluene	**0.49 J**	**1.0**	**ug/L**
1,1,2-Trichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	0.50	ug/L
Tetrachloroethene	**1.7**	**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)

YL/02805

Tait Environmental

Client Sample ID: TMW_14_WG091905_0001

GC/MS Volatiles

Lot-Sample #...: E5I200157-006 **Work Order #...:** HKXXL1AA **Matrix.....:** W

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	95	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

NL 102805

BOE-C6-0105565

LDC #: 14166A1

SDG #: E5I200157

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

Tier 1

Date: 10/26/05

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	✓	Sampling dates: 9/19/05
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	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	TMW_14_WG091905_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: September 21, 2005

LDC Report Date: October 28, 2005

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 2

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E5I210421

Sample Identification

MWB020_WG092105_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 qualification summary table is provided at the end of this report if data has been qualified. Flags are classified a 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.

BOE-C6-0105568

I. Technical Holding Times

All technical holding time requirements were met.

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

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

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

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

Date	Compound	%RSD	Associated Samples	Flag	A or P
9/21/05	Tetrahydrofuran	36.5	All samples in SDG E5I210421	J (all detects) UJ (all non-detects)	A

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

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
9/21/05	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.02111 (≥0.05) 0.02250 (≥0.05) 0.03397 (≥0.05) 0.04393 (≥0.05) 0.03144 (≥0.05) 0.03826 (≥0.05)	All samples in SDG E5I210421	J (all detects) UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

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

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

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
9/21/05	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.02231 (≥0.05) 0.02455 (≥0.05) 0.03611 (≥0.05) 0.04426 (≥0.05) 0.02556 (≥0.05) 0.03180 (≥0.05)	All samples in SDG E5I210421	J (all detects) UJ (all non-detects)	A

V. Blanks

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

VI. Surrogate Spikes

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

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

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

LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
LCS5266561	Bromomethane	157 (60-140)	All samples in SDG E5I210421	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 are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Data Qualification Summary - SDG E5I210421

SDG	Sample	Compound	Flag	A or P	Reason
E5I210421	MWB020_WG092105_0001	Tetrahydrofuran	J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E5I210421	MWB020_WG092105_0001	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)
E5I210421	MWB020_WG092105_0001	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
E5I210421	MWB020_WG092105_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 E5I210421

No Sample Data Qualified in this SDG

Tait Environmental

Client Sample ID: MWB020_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-010 **Work Order #...:** HK4KG1AA **Matrix.....:** W
Date Sampled...: 09/21/05 12:55 **Date Received..:** 09/21/05 17:10
Prep Date.....: 09/23/05 **Analysis Date..:** 09/23/05
Prep Batch #...: 5266561 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1.6	ug/L
Chloromethane	ND	3.1	ug/L
Chloroethane	ND	3.1	ug/L
Bromomethane	ND	3.1	ug/L
Trichlorofluoromethane	ND	3.1	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	1.6	ug/L
1,1-Dichloroethene	ND	1.6	ug/L
Methylene chloride	**0.70 J**	**1.6**	**ug/L**
Methyl tert-butyl ether	ND	1.6	ug/L
Carbon disulfide	ND	1.6	ug/L
Acetone	ND UJ	16	ug/L
trans-1,2-Dichloroethene	**3.7**	**1.6**	**ug/L**
1,1-Dichloroethane	**3.6**	**1.6**	**ug/L**
2,2-Dichloropropane	ND	1.6	ug/L
cis-1,2-Dichloroethene	**110**	**1.6**	**ug/L**
Chloroform	**0.85 J**	**1.6**	**ug/L**
Bromochloromethane	ND	1.6	ug/L
1,1,1-Trichloroethane	ND	1.6	ug/L
2-Butanone	ND UJ	7.8	ug/L
1,1-Dichloropropene	ND	1.6	ug/L
Carbon tetrachloride	ND	0.78	ug/L
1,2-Dibromoethane	ND	1.6	ug/L
Benzene	ND	1.6	ug/L
Trichloroethene	**26**	**1.6**	**ug/L**
Bromodichloromethane	ND	1.6	ug/L
4-Methyl-2-pentanone	ND	7.8	ug/L
Toluene	ND	1.6	ug/L
1,1,2-Trichloroethane	ND	1.6	ug/L
1,2-Dichloroethane	ND	0.78	ug/L
Tetrachloroethene	ND	1.6	ug/L
2-Hexanone	ND	7.8	ug/L
Dibromochloromethane	ND	1.6	ug/L
Chlorobenzene	ND	1.6	ug/L
1,1,1,2-Tetrachloroethane	ND	1.6	ug/L
Ethylbenzene	ND	1.6	ug/L
Vinyl chloride	ND	0.78	ug/L
Xylenes (total)	ND	1.6	ug/L
Styrene	ND	1.6	ug/L
Bromoform	ND	1.6	ug/L

(Continued on next page)

C 102805

BOE-C6-0105573

Tait Environmental

Client Sample ID: MWB020_WG092105_0001

GC/MS Volatiles

Lot-Sample #...: E5I210421-010 **Work Order #...:** HK4KG1AA **Matrix.....:** W

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	1.6	ug/L
1,1,2,2-Tetrachloroethane	ND	1.6	ug/L
1,2,3-Trichloropropane	ND	1.6	ug/L
n-Propylbenzene	ND	1.6	ug/L
Bromobenzene	ND	1.6	ug/L
1,3,5-Trimethylbenzene	ND	1.6	ug/L
2-Chlorotoluene	ND	1.6	ug/L
4-Chlorotoluene	ND	1.6	ug/L
tert-Butylbenzene	ND	1.6	ug/L
1,2,4-Trimethylbenzene	ND	1.6	ug/L
sec-Butylbenzene	ND	1.6	ug/L
p-Isopropyltoluene	ND	1.6	ug/L
1,3-Dichlorobenzene	ND	1.6	ug/L
1,4-Dichlorobenzene	ND	1.6	ug/L
n-Butylbenzene	ND	1.6	ug/L
1,2-Dichlorobenzene	ND	1.6	ug/L
1,2-Dibromo-3-chloro-propane	ND	3.1	ug/L
1,2,4-Trichloro-benzene	ND	1.6	ug/L
Hexachlorobutadiene	ND	1.6	ug/L
1,2,3-Trichlorobenzene	ND	1.6	ug/L
Acrolein	ND UJ	31	ug/L
Acrylonitrile	ND ↓	31	ug/L
Iodomethane	ND	3.1	ug/L
2-Chloroethyl vinyl ether	ND UJ	7.8	ug/L
Tetrahydrofuran	ND ↓	16	ug/L
Vinyl acetate	ND	7.8	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 130)
1,2-Dichloroethane-d4	97	(65 - 135)
Toluene-d8	95	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

R 102805

BOE-C6-0105574

LDC #: 14166B1

SDG #: E5I210421

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

Tier 2

Date: 10/26/05

Page: 1 of 1

Reviewer: [illegible]

2nd Reviewer: [illegible]

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

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

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 9/21/05
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	~~N~~ A	None/~~P~~ non client
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	~~TB~~ = ~~TB_TA1T092105_000~~

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	MWB020_WG092105_0001	11		21		31	
- 2	MB 526656 1	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	

TARGET COMPOUND WORKSHEET

ETHOD: VOA (EPA SW 846 Method 8260B)

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

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

BOE-C6-0105576

LDC #: 14166B1
SDG #: E5I210421

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer: JVG
2nd Reviewer: MC

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

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

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

#	Date	Standard ID	Compound	Finding %RSD (Limit: ≤30.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/21/05	ICAL	FFFF		0.02111	All + Blk	J/UJ/A
			F		0.02250		
			GGGG		0.03397		
			M		0.04393		
			LLLL	36.5	0.03144		
			II		0.03826		

ICAL 1 SB

BOE-C6-0105577

LDC #: 14166B1
SDG #: ESI210421

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Page: 1 of 1
Reviewer: JVG
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
	9/22/05	QS2766	FFFF		0.02213	All + Blk	J/UJ/A
			F		0.02455		
			GGGG		0.03611		
			M		0.04426		
			LLLL		0.02556		
			II		0.03180		

BOE-C6-0105578

LDC #: 14166 B1
SDG #: E5I21042

VALIDATION FINDINGS WORKSHEET
Laboratory Control Samples (LCS)

Page: 1 of 1
Reviewer: NC
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 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
		LCS 526656	B	157 (60-140)	( )	( )	All + Blk	J dets / P
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
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				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

LCSLCSD.1SB

BOE-C6-0105579

Laboratory Data Consultants, Inc.
Data Validation Report

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

Collection Date: September 22, 2005

LDC Report Date: October 27, 2005

Matrix: Water

Parameters: Volatiles

Validation Level: Tier 3

Laboratory: Severn Trent Laboratories

Sample Delivery Group (SDG): E5I220419

Sample Identification

TMW_07_WG092205_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 qualification summary table is provided at the end of this report if data has been qualified. Flags are classified a 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.

BOE-C6-0105581

I. Technical Holding Times

All technical holding time requirements were met.

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

II. GC/MS Instrument Performance Check

Instrument performance was checked at 12 hour intervals.

All ion abundance requirements were met.

III. Initial Calibration

Initial calibration was performed using required standard concentrations.

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

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

Date	Compound	%RSD	Associated Samples	Flag	A or P
9/16/05	2-Chloroethylvinyl ether	69.4	All samples in SDG E5I220419	J (all detects) UJ (all non-detects)	A

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

Date	Compound	RRF (Limits)	Associated Samples	Flag	A or P
9/16/05	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	0.01843 (≥0.05) 0.02347 (≥0.05) 0.03443 (≥0.05) 0.03734 (≥0.05) 0.01672 (≥0.05) 0.00844 (≥0.05)	All samples in SDG E5I220419	J (all detects) UJ (all non-detects)	A

IV. Continuing Calibration

Continuing calibration was performed at the required frequencies.

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

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

Date	Compound	%D	Associated Samples	Flag	A or P
9/27/05	2-Chloroethylvinyl ether Bromomethane Iodomethane	114 32.0 38.2	All samples in SDG E5I220419	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
9/27/05	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	0.01729 (≥0.05) 0.02114 (≥0.05) 0.03157 (≥0.05) 0.03502 (≥0.05) 0.01390 (≥0.05) 0.01804 (≥0.05) 0.04416 (≥0.05)	All samples in SDG E5I220419	J (all detects) UJ (all non-detects)	A

V. Blanks

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

VI. Surrogate Spikes

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

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

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

LCS ID	Compound	%R (Limits)	Associated Samples	Flag	A or P
LCS5271703	Bromomethane	143 (60-140)	All samples in SDG E5I220419	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 acceptable.

XV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

No field duplicates were identified in this SDG.

XVII. Field Blanks

No field blanks were identified in this SDG.

Boeing Realty Corp, Former C-6 Facility, Torrance CA
Volatiles - Data Qualification Summary - SDG E5I220419

SDG	Sample	Compound	Flag	A or P	Reason
E5I220419	TMW_07_WG092205_0001	2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Initial calibration (%RSD)
E5I220419	TMW_07_WG092205_0001	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether	J (all detects) UJ (all non-detects)	A	Initial calibration (RRF)
E5I220419	TMW_07_WG092205_0001	2-Chloroethylvinyl ether Bromomethane Iodomethane	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
E5I220419	TMW_07_WG092205_0001	Acrolein Acetone Acrylonitrile 2-Butanone Tetrahydrofuran 2-Chloroethylvinyl ether 1,2-Dibromo-3-chloropropane	J (all detects) UJ (all non-detects)	A	Continuing calibration (RRF)
E5I220419	TMW_07_WG092205_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 E5I220419

No Sample Data Qualified in this SDG

Tait Environmental

Client Sample ID: TMW_07_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-006 **Work Order #...:** HK7QX1AA **Matrix.....:** WG
Date Sampled...: 09/22/05 10:55 **Date Received..:** 09/22/05 17:35
Prep Date.....: 09/27/05 **Analysis Date..:** 09/28/05
Prep Batch #...: 5271703 **Method.....:** SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	20	ug/L
Chloromethane	ND	40	ug/L
Chloroethane	ND	40	ug/L
Bromomethane	ND UJ	40	ug/L
Trichlorofluoromethane	ND	40	ug/L
1,1,2-Trichlorotrifluoro-ethane	ND	20	ug/L
1,1-Dichloroethene	**35**	**20**	**ug/L**
Methylene chloride	ND	20	ug/L
Methyl tert-butyl ether	ND	20	ug/L
Carbon disulfide	ND	20	ug/L
Acetone	ND UJ	200	ug/L
trans-1,2-Dichloroethene	ND	20	ug/L
1,1-Dichloroethane	ND	20	ug/L
2,2-Dichloropropane	ND	20	ug/L
cis-1,2-Dichloroethene	ND	20	ug/L
Chloroform	ND	20	ug/L
Bromochloromethane	ND	20	ug/L
1,1,1-Trichloroethane	ND	20	ug/L
2-Butanone	ND UJ	100	ug/L
1,1-Dichloropropene	ND	20	ug/L
Carbon tetrachloride	ND	10	ug/L
1,2-Dibromoethane	ND	20	ug/L
Benzene	ND	20	ug/L
Trichloroethene	**2000**	**20**	**ug/L**
Bromodichloromethane	ND	20	ug/L
4-Methyl-2-pentanone	ND	100	ug/L
Toluene	ND	20	ug/L
1,1,2-Trichloroethane	**7.2 J**	**20**	**ug/L**
1,2-Dichloroethane	ND	10	ug/L
Tetrachloroethene	ND	20	ug/L
2 Hexanone	ND	100	ug/L
Dibromochloromethane	ND	20	ug/L
Chlorobenzene	ND	20	ug/L
1,1,1,2-Tetrachloroethane	ND	20	ug/L
Ethylbenzene	ND	20	ug/L
Vinyl chloride	ND	10	ug/L
Xylenes (total)	ND	20	ug/L
Styrene	ND	20	ug/L
Bromoform	ND	20	ug/L

(Continued on next page)

AL 102805

BOE-C6-0105586

Tait Environmental

Client Sample ID: TMW_07_WG092205_0001

GC/MS Volatiles

Lot-Sample #...: E5I220419-006 Work Order #...: HK7QX1AA Matrix.....: WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Isopropylbenzene	ND	20	ug/L
1,1,2,2-Tetrachloroethane	ND	20	ug/L
1,2,3-Trichloropropane	ND	20	ug/L
n-Propylbenzene	ND	20	ug/L
Bromobenzene	ND	20	ug/L
1,3,5-Trimethylbenzene	ND	20	ug/L
2-Chlorotoluene	ND	20	ug/L
4-Chlorotoluene	ND	20	ug/L
tert-Butylbenzene	ND	20	ug/L
1,2,4-Trimethylbenzene	ND	20	ug/L
sec-Butylbenzene	ND	20	ug/L
p-Isopropyltoluene	ND	20	ug/L
1,3-Dichlorobenzene	ND	20	ug/L
1,4-Dichlorobenzene	ND	20	ug/L
n-Butylbenzene	ND	20	ug/L
1,2-Dichlorobenzene	ND	20	ug/L
1,2-Dibromo-3-chloro-propane	ND UJ	40	ug/L
1,2,4-Trichloro-benzene	ND	20	ug/L
Hexachlorobutadiene	ND	20	ug/L
1,2,3-Trichlorobenzene	ND	20	ug/L
Acrolein	ND UJ	400	ug/L
Acrylonitrile	ND ↓	400	ug/L
Iodomethane	ND UJ	40	ug/L
2-Chloroethyl vinyl ether	ND UJ	100	ug/L
Tetrahydrofuran	**840** J	**200**	**ug/L**
Vinyl acetate	ND	100	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	84	(75 - 130)
1,2-Dichloroethane-d4	94	(65 - 135)
Toluene-d8	106	(80 - 130)

NOTE(S):

J Estimated result. Result is less than RL.

R 102805

BOE-C6-0105587

LDC #: 14166C1

SDG #: E5I220419

Laboratory: Severn Trent Laboratories, Inc.

VALIDATION COMPLETENESS WORKSHEET

Tier 3

Date: 10/26/05

Page: 1 of 1

Reviewer: JVL

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: 9/22/05
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	~~N~~ A	~~None Per~~ (nondient sample)
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	TMW_07_WG092205_0001	11		21		31	
2	MB 5271703	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	

14166C1W.wpd

LDC #: 14166 C1
SDG #: E5 I220419

VALIDATION FINDINGS CHECKLIST

Page: 1 of 2
Reviewer: MG
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?		✓		
Did the initial calibration meet the curve fit acceptance criteria of > 0.990?			✓	
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. Blank				
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?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed for this SDG?	✓			

LDC #: 14166 C1
SDG #: ESI 220419

VALIDATION FINDINGS CHECKLIST

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

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

TARGET COMPOUND WORKSHEET

ETHOD: VOA (EPA SW 846 Method 8260B)

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

MMMM Iodomethane

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

BOE-C6-0105591

LDC #: 36 E1
SDG #: E5I220419

VALIDATION FINDINGS WORKSHEET
Initial Calibration

Page: 1 of 1
Reviewer: JVG
2nd Reviewer: L

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

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

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

#	Date	Standard ID	Compound	Finding %RSD (Limit: ≤30.0%)	Finding RRF (Limit: ≥0.05)	Associated Samples	Qualifications
	9/16/05	ICAL	FFFF		0.01843	All + Blk	J/UJ/A
			F		0.02374		
			GGGG		0.03443		
			M		0.03734		
			LLLL		0.01672		
			II	69.4	0.00844		

INICAL 1SB

LDC #: 14166C1
SDG #: E5I220419

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

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

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
	9/27/05	RS1586	FFFF		0.01729	All + blk	J/UJ/A
			E		0.02114		
			GGGG		0.03157		
			M		0.03502		
			LLLL		0.01390		
			II	14	0.01804		
			MM		0.04416		
			B	32.0			
			MMMM	38.2			

BOE-C6-0105593

LDC #: 14 .6 C1
SDG #: E51220419

VALIDATION FINDI. .S WORKSHEET
Laboratory Control Samples (LCS)

Page: 1 1
Reviewer: NC
2nd Reviewer: M

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
		LCS 5271703	B	143 (60-140)	( )	( )	All + Blks	J dets / P
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		
				( )	( )	( )		

LCSLCSD.1SB

BOE-C6-0105594

LDC #: 14166C1
SDG #: E5I220419

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Page: 1 of 1
Reviewer: VG
2nd Reviewer: M

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	9/16/08	Methylene chloride (1st internal standard)	0.23291	0.2391	0.23382	0.23382	2.341	2.341
			~~Trichlorethene~~ CC (2nd internal standard)	5.44274	5.44274	5.30841	5.30841	4.294	4.294
			~~Toluene~~ BB (3rd internal standard)	0.37274	0.37274	0.~~37968~~ 38638	0.38639	7.132	7.132
2			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
3			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						
4			Methylene chloride (1st internal standard)						
			Trichlorethene (2nd internal standard)						
			Toluene (3rd internal standard)						

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

INICLC.1SB

BOE-C6-0105595

LDC #: 14166C1
SDG #: E5I220919

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Page: 1 of 1
Reviewer: SVC
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	RS1586	9/27/05	Methylene chloride (1st internal standard)	0.23382	0.22368	0.22368	4.33504	4.33590
			~~Trichlorethene~~ CC (2nd internal standard)	5.3084	5.20858	5.20858	1.88057	1.88064
			~~Toluene~~ BB (3rd internal standard)	0.38639	0.32846	0.32846	14.99122	14.99119
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.

CONCLC.1SB

BOE-C6-0105596

LDC #: 14166 C1
SDG #: E5122041 9

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Page: 1 of 1
Reviewer: DR
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	10.58	106	106	0
Bromofluorobenzene	↓	8.39	84	84	↓
1,2-Dichloroethane-d4		9.44	94	94	
Dibromofluoromethane					

Sample ID:

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

Sample ID:

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

Sample ID:

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

Sample ID:

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

SURRCALC.1S5

LDC #: 16601
SDG #: E51220419

VALIDATION FIND GS WORKSHEET
Laboratory Control Sample Results Verification

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

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

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

% Recovery = 100 * SSC/SA

Where: SSC = Spiked sample concentration
SA = Spike added

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

LCS = Laboratry control sample percent recovery

LCSD = Laboratory control sample duplicate percent recovery

LCS ID: LCS 52 71703

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	11.5	NA	115	115				
Trichloroethene			11.8		118	118				
Benzene			10.5		105	105				
Toluene			10.6		106	106				
Chlorobenzene			11.4		114	114				

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-C6-0105598

LDC #: 14166C1
SDG #: E51220419

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Page: 1 of 1
Reviewer: SVC
2nd reviewer: DC

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?

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

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, S:

Conc. = (744659)(10)(20)
(294785)(0.2525)( )( )
= ~~1007.4~~ 2002.86
≈ 2000 ng/L

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

PSCALC1SB