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March 29, 2007

Information Technology Unit
California Regional Water Quality Control Board - Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013

Subject: Final Report of *In-Situ* Reactive Zone Pilot Test at Former Building 2
Waste Discharge Requirements Order Number R4-2002-0030 (Series 007)
Compliance File Number CI-95-036, SLIC 0410
Boeing Realty Corporation,
Former C-6 Facility (Building 2 Area), Los Angeles, California

Dear Sir/Madam:

Camp Dresser McKee, Inc (CDM) has prepared this Final Report of *In-Situ* Reactive Zone Pilot Test on behalf of Boeing Realty Corporation (BRC) per the Waste Discharge Requirements (WDR) Order Number R4-2002-0030 (Series 007). The purpose of this report is to summarize the results of bioremediation amendment injection and groundwater monitoring activities performed to date at the Former C-6 Facility, Building 2 Area (Site) located at 19503 South Normandie Avenue in Los Angeles, California.

1.0 Project Background

The Site is located at the northeast corner of Normandie Avenue and Knox Street in Los Angeles, California (Figure 1). Two groundwater volatile organic compound (VOC) plumes have been identified at the C-6 Facility (former Buildings 2 and 1/36). The Building 2 primary VOCs include trichloroethene (TCE), 1,1-dichloroethene (1,1,-DCE), and chloroform. The Building 1/36 primary VOCs include TCE, 1,1-DCE, methyl ethyl ketone (MEK [2-butanone]), toluene, and 1,1,1-trichloroethane (1,1,1-TCA). Other VOCs are present in both areas but at lower concentrations.

Workplans were submitted to and approved by the California Regional Water Quality Control Board - Los Angeles Region (LARWQCB) prior to commencement of an *In-Situ* Reactive Zone (IRZ) Pilot Test at the Site. These workplans included: Building 2 In-Situ Reactive Zone Pilot Test Workplan, ARCADIS G&M, Inc., August 15, 2001; and Addendum to the Building 2 In-Situ Reactive Zone Pilot Test Workplan dated July 31, 2002. The LARWQCB also issued a General WDR permit (Permit No. R4-2002-0030 [Series 007]) in February 2003 for performing the IRZ pilot test. Infrastructure, including injection (or amendment) wells and piping, was installed between May and September 2003 at the Site (Building 2 Amendment and Monitoring Well Installation Report [ARCADIS G&M, Inc., July 28, 2004]). In general, the injection well networks were designed to treat TCE concentrations in excess of 5 milligrams per liter (mg/l) in groundwater beneath the source areas. Amendment injections were initiated at the Site in 2004; however, technical difficulties prompted a review of the selected amendment and injection methods and were put on hold.

2.0 Report Objectives

The specific objectives of this report are to:

- Summarize the IRZ pilot test injection activities conducted to date;
- Present the results of the IRZ pilot test monitoring activities performed to date; and
- Develop conclusions and recommendations for further action at the Site

3.0 Field Activities

3.1 Amendment Well Installation

The IRZ system installed by ARCADIS consisted of 169 amendment points at the Site and the southern end of the former Building 1/36 plume within the Site. In addition, a total of 16 monitoring wells (of which 3 are dual-nested wells) were installed and developed to monitor remedial progress. Figure 2 shows the IRZ system which consists of the following:

- A total of 149 amendment points installed within the B-Sand unit. Within the Site, the B-Sand amendment points are identified by the prefix "IRZB", and within the former Building 1/36 Area and portions of the Building 1/36 plume within the Site, the B-Sand amendment points are identified by the prefix "AW".
- A total of 20 amendment points installed within the C-Sand unit at the Site and are identified by the prefix "IRZC".
- Underground lateral distribution lines were connected to each amendment point and routed to remote access vaults (Vaults 1, 2, 3, 4, and 5).

- A total of 10 monitoring wells installed within the B-Sand unit. Monitoring wells IRZMW0001A/B, IRZMW0002A/B, and IRZMW0003A/B are dual-nested wells. These dual-nested wells and monitoring wells IRZMW004, IRZMW005, IRZB0081, and IRZB0095 were used to monitor groundwater in the Upper and Lower B-Sand. Wells IRZB0081 and IRZB0095 are amendment wells which were used as monitoring wells.
- A total of six monitoring wells installed within the C-Sand of the Middle Bellflower Sand. These monitoring wells are identified as IRZCMW001, IRZCMW002, IRZCMW003, CMW001, CMW002, and CMW026.

A wellhead injection test was performed at 164 of the 169 amendment points (ARCADIS G&M, Inc., July 28, 2004) to determine usability of the wells for delivering the amendments and if necessary reinstall and retest any unusable wells. Five amendment points were not tested either to accommodate the Site redevelopment construction schedule or due to a determination that a test was not necessary because of successful well head tests nearby. Of the remaining 164 wells, all but 11 of the amendment points passed the initial injection test. The amendment points that failed were abandoned and reinstalled. Nine of the 11 were retested and passed the injection test. The remaining two were not retested to accommodate the construction schedule.

3.2 Amendment Injections

The first amendment event was initiated on February 23 and 24, 2004. The selected carbohydrate amendment for the pilot test was food-grade molasses. Carbohydrate solution was mixed with potable water at the Site to create an approximate 13 percent carbohydrate solution. The carbohydrate solution was added to each amendment point using the manifold system to the individual amendment point connections located inside the vaults. During amendment activities on February 23 and 24, carbohydrate solution was observed to be seeping from joints in the concrete floor of the western building at the Site (Figure 2). As a result, amendment activities were immediately terminated. Approximately 76,000 gallons of solution (carbohydrate and potable water) were added to the groundwater during this reporting period (First Quarter 2004 Discharge Monitoring Report, Former Boeing C-6 Facility [Building 2 Area], Los Angeles, California, ARCADIS G&M, Inc., April 23, 2004).

Subsequently, a series of water injection tests was performed by ARCADIS at the Site between June 14 and July 12, 2004 (C6 Water Injection Test Data, Former Boeing C-6 Facility, Los Angeles, California, ARCADIS G&M, Inc., September 14, 2004). Between these water injection tests and the initial IRZ injection event in February 2004, every one of the amendment points was tested. It was concluded that of the 169 amendment points in Vaults 1 through 5, six

points (none in Vault 5) would be removed from future injection events due to low flow rates, elevated injection pressures, or confirmed surface seepage.

Amendment activities for the third quarter 2004 included the injection of amendment solution (molasses) into Vaults 1 through 4, which was the second round of injection activities, and was initiated on September 20, 2004 and completed on October 8, 2004. During this quarter, the following volumes of solution had been added to the amendment wells:

- Vault 1 : approximately 48,000 gallons
- Vault 2: approximately 24,000 gallons
- Vault 3: approximately 22,500 gallons
- Vault 4: approximately 19,200 gallons

Further evaluation of the injection program suggested that the seeps observed during the past injection events had in part been caused by the generation of carbon dioxide gas during the injection process, combined with the apparently partially confined conditions in the B-sand (Bioremediation Amendment Recommendation Memo, Former Boeing C-6 Facility, Los Angeles, California, ARCADIS G&M, Inc., November 1, 2004). On December 15 and 16, 2004, an Alternate Donor Injection Test was performed to obtain injection parameters for potential alternate electron donors (Fourth Quarter 2004 Discharge Monitoring Report, Former Boeing C-6 Facility [Building 2 Area], Los Angeles, California, ARCADIS G&M, Inc., January 26, 2005). A total of 10,424 gallons of 4 percent low-protein, powdered cheese whey was injected into the amendment wells at Vault 3, and a total of 9,089 gallons of 3 percent sodium lactate solution was injected into the amendment wells at Vault 3. After the alternate solution was injected, the amendment wells were flushed with 405 gallons of water. Amendment solution was not injected into any other amendment wells or vaults during the fourth quarter 2004. No further amendment injections have been conducted at the Site since the fourth quarter 2004.

3.3 Monitoring Activities

Three types of groundwater monitoring events have been conducted to date during implementation of the IRZ pilot test: baseline sampling events (prior to addition of carbohydrate solution); process monitoring events; and performance monitoring events. Monitoring was conducted from the 16 monitoring wells within the pilot test area (IRZB0081, IRZB0095, IRZB001A/B, IRZB002A/B, IRZB003A/B, IRZMW004, IRZMW005, IRZCMW001, IRZCMW002, CMW001, CMW002, and CMW026). Figure 2 illustrates the locations of these monitoring wells.

3.3.1 Baseline Monitoring

A baseline groundwater monitoring event was conducted in October 2003 (IRZ Pilot Test – Baseline Data Evaluation, Former Boeing C6 Facility (Building 2 Area), Los Angeles, California, ARCADIS G&M, Inc., January 16, 2004) to evaluate and document groundwater conditions prior to carbohydrate addition. Samples were analyzed from all 16 wells for the following compounds:

- *General Groundwater Quality Parameters* - These include parameters that are measured in groundwater at the wellhead and indicator parameters that can be used to measure the development of the reactive zone in groundwater. These parameters included oxidation-reduction potential (ORP), pH, temperature, specific conductance, volatile organic compounds (VOCs), and total organic carbon (TOC).

- *Electron Acceptors* - Analysis for electron acceptors (and reduced products) indicates the relative levels of compounds present in the groundwater that serve as electron acceptors for biologically mediated redox reactions in the aquifer, and are key indicators of anticipated success of the remedy. These compounds included dissolved oxygen (DO), nitrate, iron, manganese, sulfate, sulfide, and carbon dioxide (CO2).

- *Biodegradation Byproducts* -Analysis for biodegradation byproducts indicates the relative levels of compounds formed by biodegradation and is therefore also a good indicator of reductive dechlorination. These byproducts included VOC daughter products, chloride, CO2, methane, ethene, and ethane.

Field parameters were collected using a YSI meter and flow-through cell. Groundwater samples collected for laboratory analysis were collected using low-flow purging and sampling methods. Hydrogen sulfide and ferrous iron were measured in the field using colorimetric methods.

3.3.2 Process Monitoring

Process monitoring was conducted during week 2 on four amendment points to measure the effect of the carbohydrate solution on the groundwater conditions at, and near, the IRZ amendment points. These samples were analyzed for TOC, ORP, DO, and pH.

3.3.3 Performance Monitoring

During the initial nine months of the pilot test, post–injection groundwater monitoring was conducted per the WDR permit requirements during weeks 6, 12, 16, 21 and 36. Starting from September 2005, quarterly groundwater monitoring events followed the initial post –injection groundwater monitoring. The performance monitoring was more comprehensive than the

process monitoring. Groundwater samples were collected from the 16 monitoring wells using a combination of regular and low-flow purge techniques and analyzed for parameters identical to the baseline event.

4.0 Data Presentation

Field parameter data, laboratory analytical methods, and analytical results from the groundwater monitoring events conducted to date are summarized in Tables 1 through 4. Figures 3 and 4 present the most recent groundwater elevation contour maps for the C-6 Facility.

5.0 Conclusions

Based on the data presented in this report, CDM has the following conclusions:

- Batch electron injection techniques at the Site were difficult to implement in some locations as evidenced by the surface seepage, production of carbon dioxide gas, and elevated backpressures.
- Molasses, which was used for most of the injections at the Site, did not appear to be an optimum choice for electron donor. Use of molasses resulted in the generation of carbon dioxide gas during the injection process which is believed to have resulted in aquifer backpressure inhibiting or stopping the injection process and preventing delivery of large quantities of donor in the subsurface. Additionally, the viscous nature of molasses resulted in poor distribution of the donor across the subsurface.
- Reductive dechlorination of TCE has occurred in some of the injection well locations. These locations were in the vicinity of B-Sand wells IRZMW004, IRZMW005, IRZB0081, and IRZB0095 and C-Sand wells IRZCMW002 and CMW026. In general, reductive dechlorination in the above-mentioned wells was significant and can be attributed to significant TOC concentrations and moderately to strongly reducing conditions as a result of the injections. Where reductive dechlorination occurred, degradation products consisted of cis-1,2-DCE, vinyl chloride (VC), and some ethene. Sufficient ethene data were not available to draw definitive conclusions about the extent of complete dechlorination , but the evidence suggests that significant ethene production might have occurred in a few wells.

6.0 Recommendations

Based on the data and conclusions presented in this report, CDM has the following recommendations:

- Pilot test a biorecirculation approach to modify and supplement the original pilot study approach. This approach will consist of extraction, mixing with an amendment,

and continuous reinjection of amended groundwater to create a recirculation loop in the saturated zone while maintaining the water balance. The recirculation loop will accelerate the distribution rate of the amendment without creating significant groundwater mounding or depression. The amendment solution will be added on a semi-continuous basis (pulsed) at low operating pressures to reduce the pressure buildup issues associated with batch-injecting large volumes of amendment over a short period of time into tight soils.

CDM has submitted an Addendum to the ARCADIS August 2001 Workplan (CDM, February 1, 2007) and an application for an Individual WDR Permit to perform a Biorecirculation Pilot Study, which is currently being reviewed by LARWQCB.

- Identify a preferred electron donor (s) for the Site by performing an electron donor evaluation consisting of a background "paper" evaluation and a laboratory treatability study. The electron donor evaluation is being conducted as proposed in the CDM Pre-Remediation Workplan (February 14, 2006).
- Perform bioaugmentation in order to promote the complete biodegradation of the contaminants, primarily VC. The bioaugmentation approach, which is anticipated to be a one or two-time addition of appropriate cultures to the amended reinjected water, will be performed under the Individual WDR Permit.

Please do not hesitate to contact the undersigned at 949-752-5452, if you have any questions.

Sincerely,

CAMP DRESSER & MCKEE INC.

Ravi Subramanian

Ravi Subramanian, P.E.
Principal

cc: Mario Stavale, BRC
Robert Scott, BRC (W/o enclosure)
Joe Weidmann, Haley & Aldrich, Inc. (W/o enclosure)
Kent Sorenson, CDM

Attachments

Figure 1 –	Site Vicinity Map
Figure 2 –	WDR Monitoring and Amendment Well Location Map – Former Building 2
Figure 3 -	B-Sand Groundwater Elevations (September 2006)
Figure 4 -	C-Sand Groundwater Elevations (September 2006)
Table 1 –	Field Groundwater Parameter, and Total Sulfides and Total Organic Carbon Results
Table 2 -	Inorganic Analytical Results
Table 3 -	Volatile Organic Compound (VOC) Analytical Results
Table 4 -	Permanent Gas Analytical Results

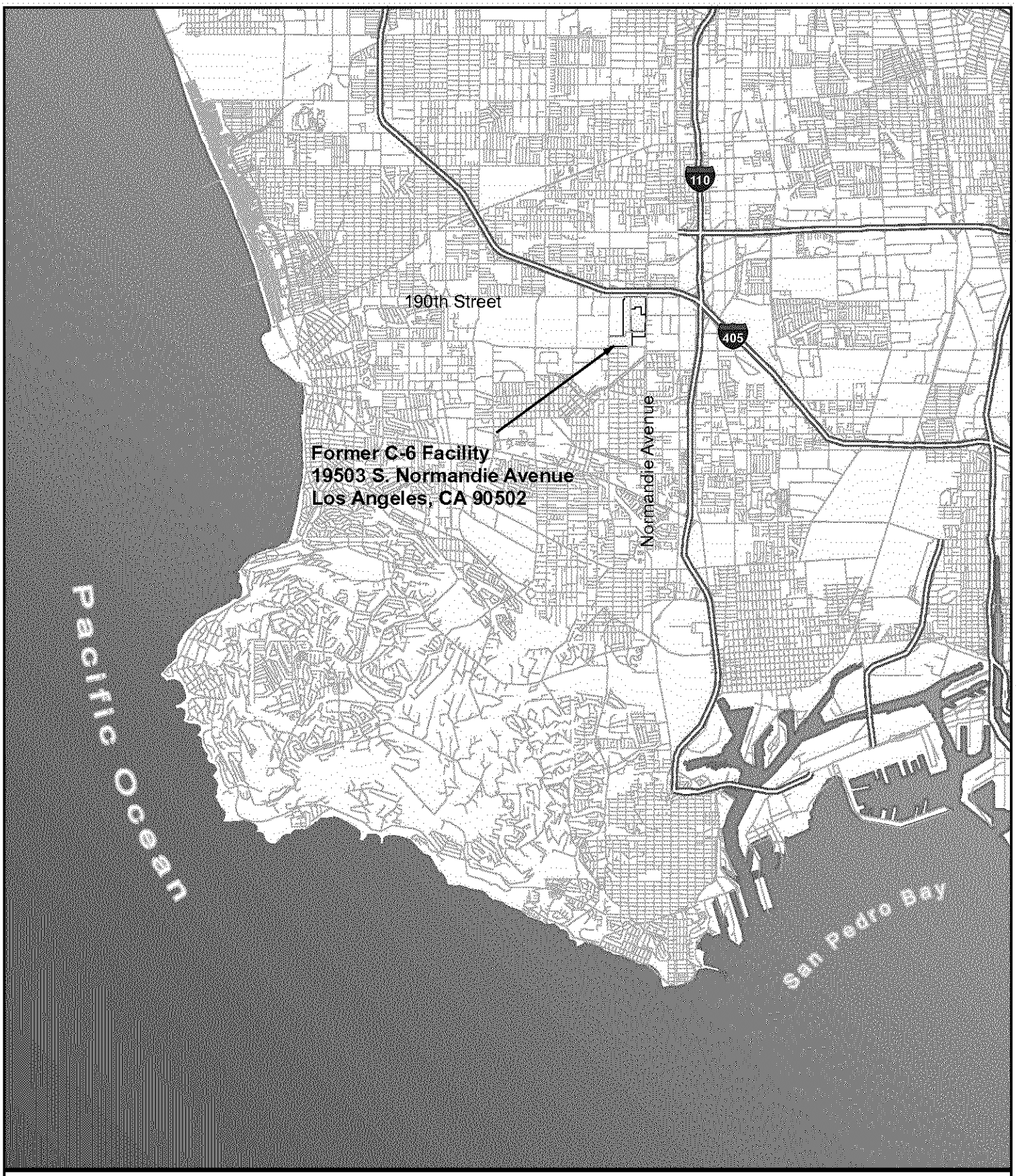

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Figure 1

Boeing Realty Corporation
Former C-6 Facility

Site Vicinity Map

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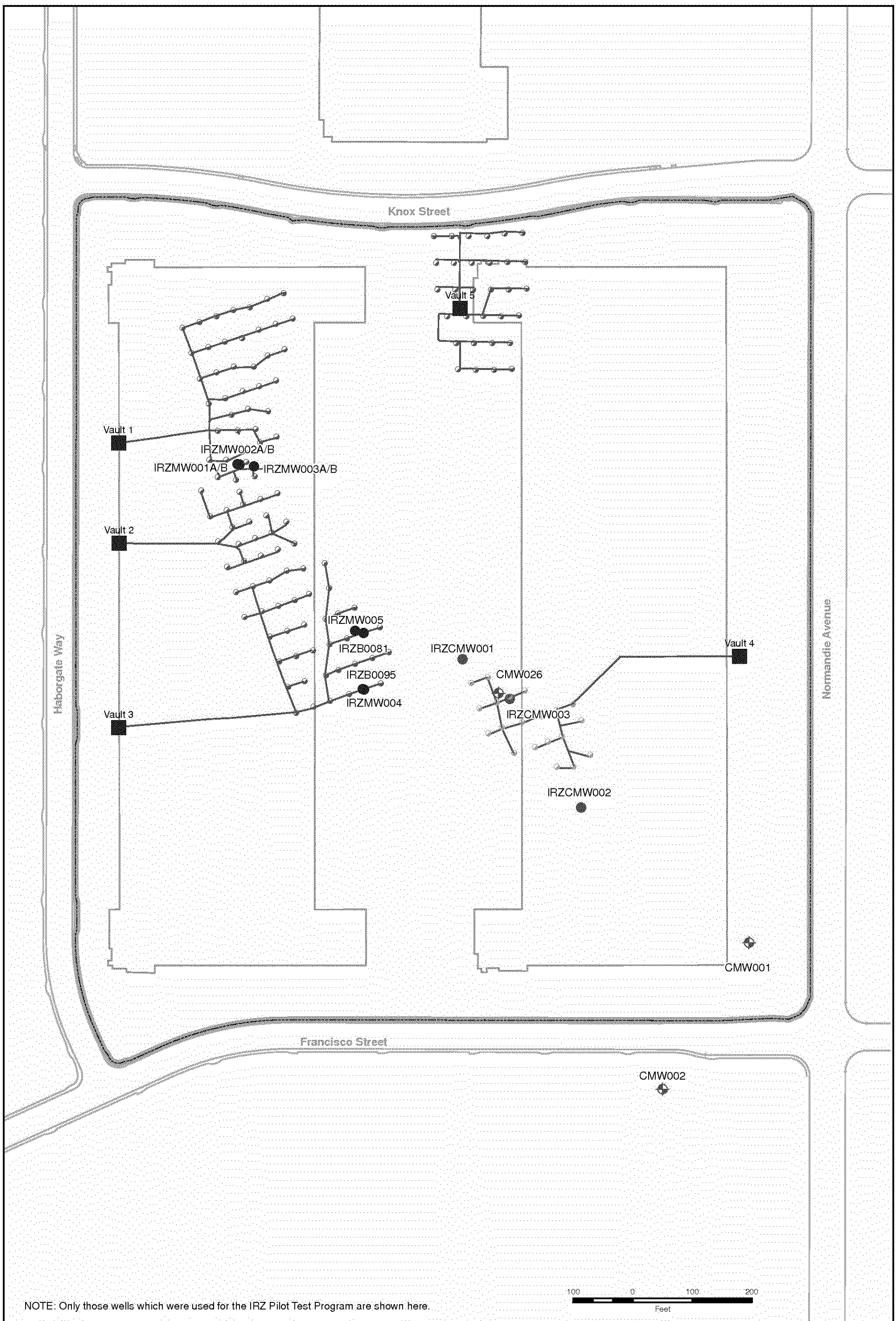

NOTE: Only those wells which were used for the IRZ Pilot Test Program are shown here.

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Legend

- Site Boundary
- B-Sand IRZ Bioremediation Monitoring Well
- C-Sand IRZ Bioremediation Monitoring Well
- C-Sand Monitoring Well
- B-Sand Amendment Well
- C-Sand Amendment Well
- Bioremediation Pipeline
- Vault

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Figure 2

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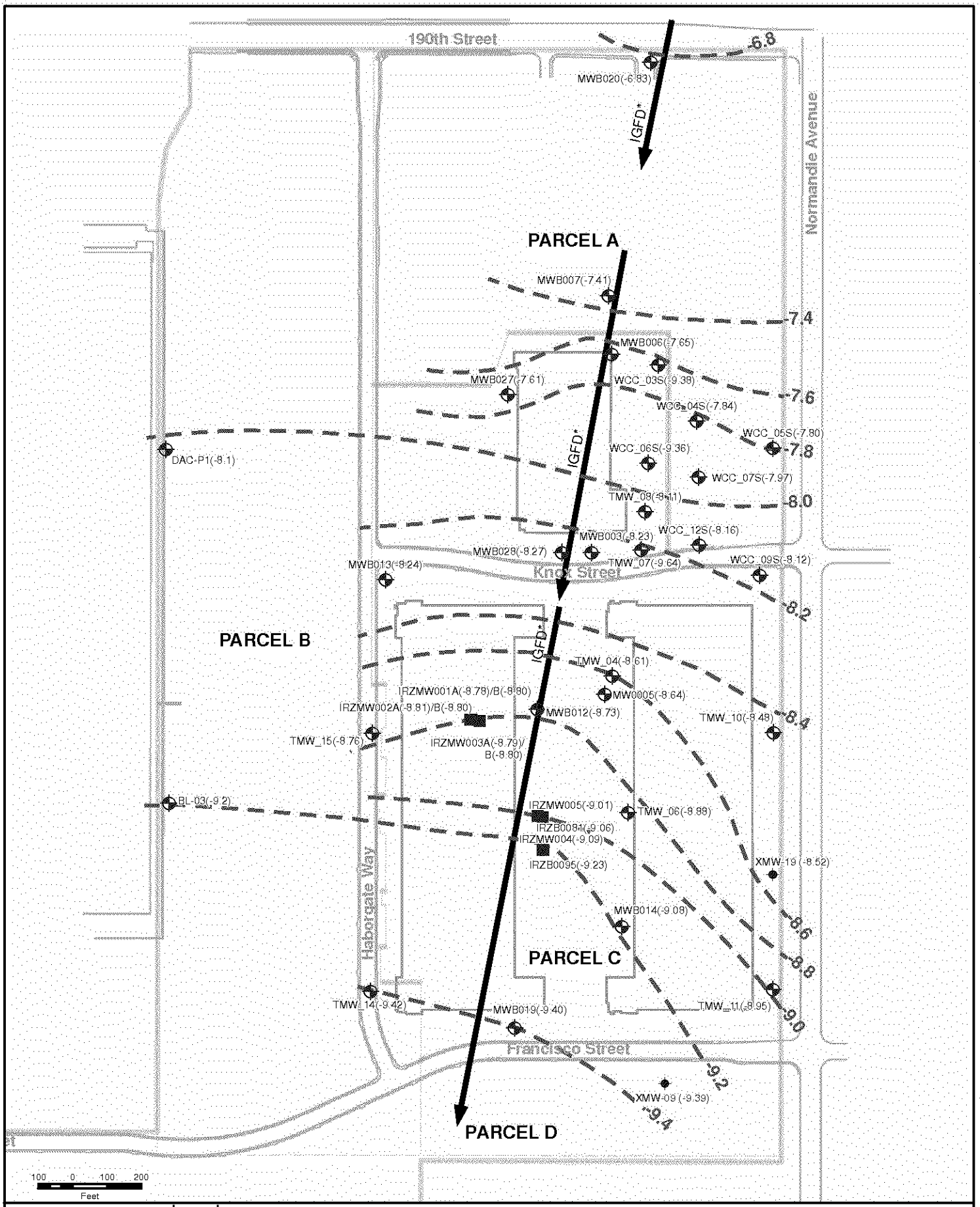
Former C-6 Facility

WDR Monitoring and Amendment Well Location Map - Former Building 2



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Legend

- Property Boundary
- Parcel Boundary
- B-Sand IRZ Bioremediation Monitoring Well
- B-Sand Monitoring Well
- Montrose Monitoring Well
- Groundwater Contour (B-Sand)

Notes:
1. All groundwater elevations in feet mean sea level (ft MSL)

*IGFD = Interpreted Groundwater Flow Direction
Contour Interval = 0.2 ft MSL

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Figure 3
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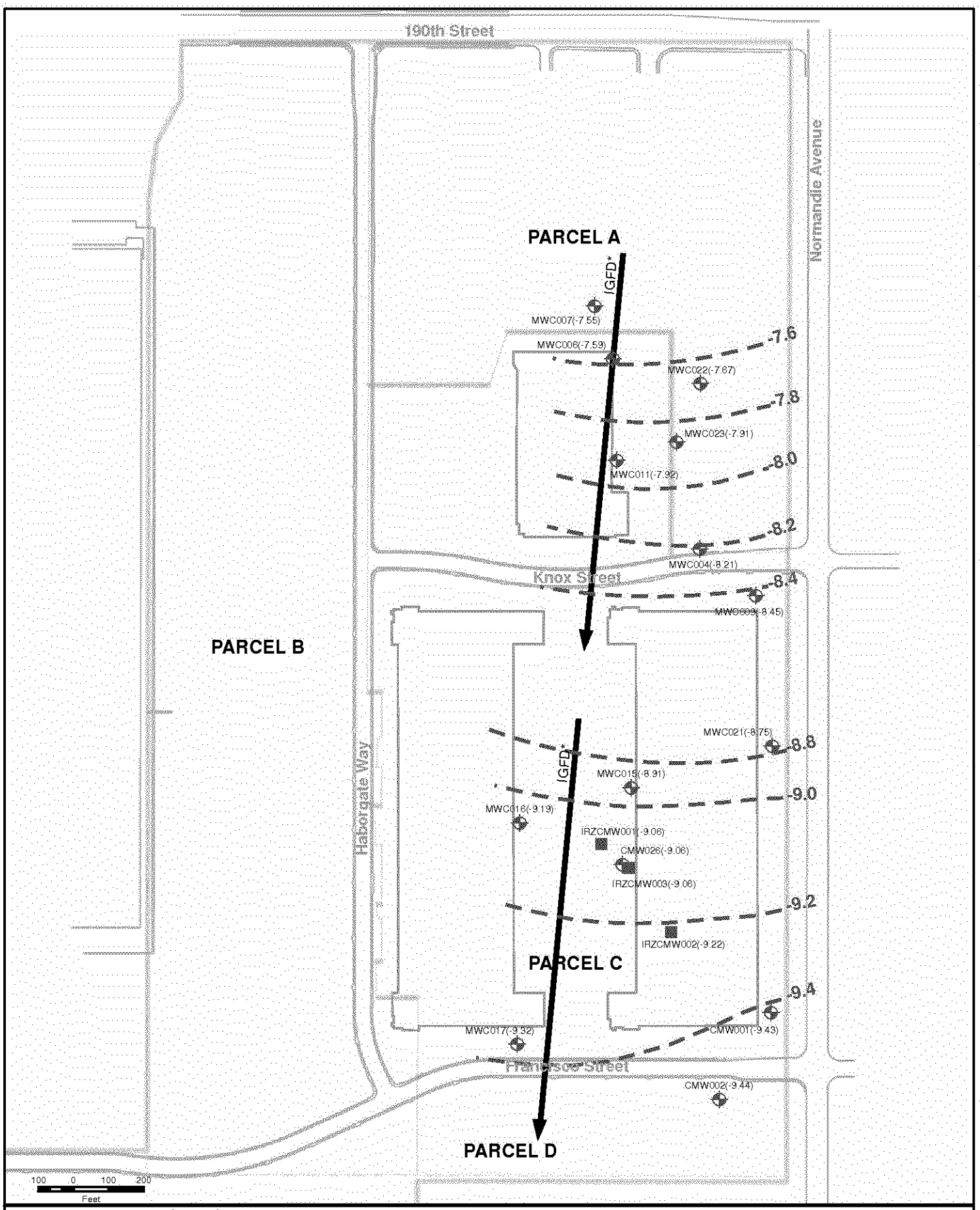
Former C-6 Facility
B-Sand Groundwater Elevations (September 2006)



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Legend

- Property Boundary
- Parcel Boundary
- C-Sand IRZ Bioremediation Monitoring Well
- C-Sand Monitoring Well
- Groundwater Contour (C-Sand)

Notes:
1. All groundwater elevations in feet mean sea level (ft MSL)

*IGFD = Interpreted Groundwater Flow Direction
Contour Interval = 0.2 ft MSL

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Figure 4
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Former C-6 Facility
C-Sand Groundwater Elevations (September 2006)

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Table 1
Field Groundwater Parameters, and Total Sulfides and Total Organic Carbon Results
Former Building 2 Area, Former Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Top of Casing (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Temperature (°C)	Specific Conductance (umhos/cm)	Hydrogen Sulfide (mg/L)	Ferrous Iron (mg/L)	Total Sulfides (mg/L)	Total Organic Carbon (mg/L)
EPA Analytical Method						N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	376.2	9060
IRZB0081	Zone B	A	Baseline	10/9/2003	50.28	64.53	-14.25	6.7	5.1	144.4	21.6	1,563	Too Turbid	Too Turbid	NM	5.8
			Week 2	10/22/2004		64.51	-14.23	7.3	3.7	-42.8	22.6	922	0	<1.0	NM	2.8
			Alt. Amend. Monitoring	12/14/2004		64.48	-14.20	5.2	1.8	-53.0	21.9	8,147	NM	NM	NM	4560.0
			Week 12	1/5/2005		64.61	-14.33	4.9	1.3	-21.9	21.7	7,384	Too Turbid	Too Turbid	NM	6140.0
			Alt. Amend. Monitoring	1/14/2005		64.39	-14.11	4.9	27.9	6.5	22.4	4,755	NM	NM	NM	4750.0
			Week 16	1/28/2005		64.25	-13.97	5.1	0.8	-43.1	21.7	4,803	<2.5	2.2	NM	3750.0
			Alt. Amend. Monitoring	2/11/2005		63.94	-13.66	5.7	1.1	-92.9	21.7	4,088	NM	NM	NM	2140.0
			Week 21	3/20/2005		64.29	-14.01	5.5	2.1	-68.2	22.1	5,309	0.7	Too Turbid	NM	3260.0
			Quarterly Monitoring	9/22/2005		63.19	-12.91	7.7	0.1	-110.6	23.4	4,820	0.5	0.2	NM	NM
			Quarterly Monitoring	12/20/2005		62.95	-12.67	7.2	1.9	-90.1	22.1	2,865	0.3	5.5	NM	NM
			Quarterly Monitoring	3/21/2006		62.46	-12.18	6.5	2.0	-124.0	20.2	2,200	0.848	1.2	<0.10	NM
			Quarterly Monitoring	6/16/2006		62.14	-11.86	6.5	1.9	-143.0	20.4	2,500	0.848	0.0	<0.10	NM
			Quarterly Monitoring	9/13/2006		61.80	-11.52	6.8	2.0	-129.0	25.4	1,800	0.000	1.7	0.042J	NM
			Quarterly Monitoring	12/7/2006		61.58	-11.30	6.5	2.6	-109.0	22.0	2,100	0.848	0.2	1.9	NM
IRZB0095	Zone B	A	Baseline	10/7/2003	50.08	64.59	-14.51	7.0	5.6	83.7	23.1	1,435	0	1.3	NM	3.0
			Week 2	10/22/2004		64.50	-14.42	7.4	5.1	-47.1	22.2	661	0	<1.0	NM	2.4
			Week 6	11/19/2004		64.37	-14.29	7.4	6.7	67.2	22.1	1,142	Too Turbid	Too Turbid	NM	4.4
			Alt. Amend. Monitoring	12/14/2004		64.49	-14.41	7.4	4.9	-5.4	22.2	1,296	NM	NM	NM	3.3
			Week 12	1/5/2005		65.28	-15.20	6.8	2.6	-90.5	21.1	5,873	Too Turbid	Too Turbid	NM	1890.0
			Alt. Amend. Monitoring	1/14/2005		NM	NM	6.7	20.6	-107.7	21.9	4,858	NM	NM	NM	2400.0
			Week 16	1/28/2005		64.41	-14.33	6.7	2.1	-98.1	20.7	4,592	<2.0	1	NM	2060.0
			Alt. Amend. Monitoring	2/11/2005		64.04	-13.96	6.8	2.4	-103.8	21.0	4,244	NM	NM	NM	1580.0
			Week 21	3/20/2005		64.29	-14.21	6.9	3.5	-116.4	21.6	2,555	0	Too Turbid	NM	811.0
			Quarterly Monitoring	9/21/2005		63.27	-13.19	7.2	0.3	-84.0	23.4	2,730	0	0	NM	NM
			Quarterly Monitoring	12/20/2005		62.83	-12.75	7.0	2.9	-59.0	21.8	2,391	NM	NM	NM	NM
			Quarterly Monitoring	3/21/2006		62.60	-12.52	6.8	1.4	-99.0	21.0	1,800	0.848	3.3	0.014 J	4.0
			Quarterly Monitoring	6/16/2006		62.26	-12.18	6.8	1.7	-92.0	23.2	1,900	0.848	0	0.49	NM
			Quarterly Monitoring	9/13/2006		61.80	-11.72	7.1	2.5	-120.0	24.5	1,500	0.848	3	0.018J	NM
			Quarterly Monitoring	12/7/2006		61.53	-11.45	6.7	2.1	-90.0	21.9	1,920	0.848	0	2.00	NM
IRZMW001A	Zone B	A	Baseline	10/30/2003	54.18	68.05	-13.87	6.7	4.8	245.9	21.9	2,354	0	0	<0.10	5.0
			Injection Evaluation	5/21/2004		68.61	-14.43	7.1	2.7	47.4	25.3	2,595	NM	NM	NM	5.5
			Injection Evaluation	10/12/2004		67.69	-13.51	6.0	1.2	-31.6	21.0	2,538	NM	NM	NM	3.5
			Week 2	10/22/2004		68.00	-13.82	6.9	0.3	-10.1	25.6	2,339	0	<1.0	NM	4.3
			Week 6	11/18/2004		68.08	-13.90	6.9	1.5	33.1	27.1	2,048	0	<1.0	NM	5.3
			Week 12	1/4/2005		67.84	-13.66	6.9	0.4	21.9	24.2	2,345	0	<1.0	NM	6.1
			Week 16	1/27/2005		67.85	-13.67	6.9	0.3	64.8	22.8	1,893	0	0	NM	4.4
			Week 21	3/19/2005		67.65	-13.47	6.9	0.3	-77.9	26.1	1,994	0	1.0	NM	3.6
			Week 36	6/15/2005		67.28	-13.10	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/21/2005		66.86	-12.68	7.3	0.4	118.9	23.7	1,994	0	1.0	NM	NM
			Quarterly Monitoring	12/19/2005		66.57	-12.39	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	3/23/2006		66.17	-11.99	6.7	0.3	-51.0	23.6	2,000	0.0954	0.37	<0.10	NM
			Quarterly Monitoring	6/15/2006		65.60	-11.42	6.8	0.0	25.0	24.1	2,000	0.0106	0.110	0.035 J	NM
			Quarterly Monitoring	9/13/2006		65.40	-11.22	6.8	0.0	24.0	22.7	1,890	0.0424	0.16	0.039J	NM
			Quarterly Monitoring	12/6/2006		65.20	-11.02	7.0	0.0	24.0	22.9	1,800	0.1590	0.20	0.029J	NM

Table 1
Field Groundwater Parameters, and Total Sulfides and Total Organic Carbon Results
Former Building 2 Area, Former Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Top of Casing (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Temperature (°C)	Specific Conductance (umhos/cm)	Hydrogen Sulfide (mg/L)	Ferrous Iron (mg/L)	Total Sulfides (mg/L)	Total Organic Carbon (mg/L)
IRZMW001B	Zone B	A	Baseline	10/30/2003	54.10	67.98	-13.88	6.8	6.2	159.6	21.8	1,254	0	1	<0.10	3.8
			Injection Evaluation	5/21/2004		68.11	-14.01	7.3	6.8	78.3	23.7	1,278	NM	NM	NM	3.6
			Injection Evaluation	10/12/2004		67.70	-13.60	7.3	2.2	5.6	21.4	1,042	NM	NM	NM	5.8
			Week 2	10/22/2004		68.07	-13.97	7.3	4.0	53.7	22.7	1,168	0	0.1	NM	2.0
			Week 6	11/18/2004		68.00	-13.90	7.2	6.6	125.0	24.2	953	0.1	0.3	NM	5.2
			Week 12	1/4/2005		67.72	-13.62	7.3	6.1	40.6	21.3	1,111	0	0.4	NM	6.3
			Week 16	1/27/2005		67.77	-13.67	7.2	4.7	94.9	22.6	919	0	0	NM	3.0
			Week 21	3/19/2005		67.59	-13.49	7.3	5.4	11.1	24.4	982	0.1	0.5	NM	4.4
			Week 36	6/15/2005		67.22	-13.12	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/24/2005		66.79	-12.69	7.4	5.4	108.8	23.8	1,346	0	0.5	NM	NM
			Quarterly Monitoring	12/19/2005		66.47	-12.37	7.0	3.4	65.6	25.4	1,612	NM	NM	NM	NM
			Quarterly Monitoring	3/21/2006		66.06	-11.96	7.0	8.5	58.0	20.6	3,200	0	0.09	<0.10	2.3
			Quarterly Monitoring	6/15/2006		65.40	-11.30	6.4	0.0	70.0	22.2	1,900	0.0318	0.11	0.036 J	NM
			Quarterly Monitoring	9/12/2006		65.35	-11.25	6.6	0.0	57.0	22.4	1,870	0	0.02	0.32J	NM
			Quarterly Monitoring	12/4/2006		65.07	-10.97	6.9	0.0	25.0	23.3	1,790	0.0424	0.06	0.024J	NM
			Quarterly Monitoring (Duplicate)	12/4/2006		NM	NM	NM	NM	NM	NM	NM	NM	NM	0.024J	NM
IRZMW002A	Zone B	A	Baseline	10/30/2003	54.07	67.98	-13.91	6.8	3.1	-140.7	22.1	1,852	5	2	<0.10	21.8
			Injection Evaluation	5/21/2004		68.39	-14.32	7.2	0.9	-52.5	22.1	2,038	NM	NM	NM	13.3
			Injection Evaluation	10/12/2004		67.85	-13.78	6.1	1.1	-54.1	21.5	2,760	NM	NM	NM	11.1
			Week 2	10/21/2004		68.05	-13.98	6.4	0.2	-107.4	23.5	2,860	0	<1.0	NM	10.1
			Week 6	11/18/2004		68.21	-14.14	6.5	2.2	-102.7	25.8	2,220	0	Too Turbid	NM	9.7
			Week 12	1/4/2005		67.74	-13.67	6.8	0.9	-26.6	21.3	2,389	0	Too Turbid	NM	7.2
			Week 16	1/27/2005		68.02	-13.95	6.8	0.7	19.3	22.2	1,882	0	0.5	NM	6.0
			Week 21	3/19/2005		67.22	-13.15	6.9	0.8	-24.1	22.0	1,865	0	2	NM	11.2
			Week 36	6/15/2005		67.19	-13.12	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/21/2005		66.77	-12.70	NM	NM	NM	NM	NM	0	2.0	NM	NM
			Quarterly Monitoring	12/19/2005		66.40	-12.33	7.0	2.7	10.6	25.2	2,551	0	4.5	NM	NM
			Quarterly Monitoring	3/22/2006		66.07	-12.00	6.8	1.1	-70.0	24.7	2,200	0.848	0.0	<0.10	NM
			Quarterly Monitoring	6/15/2006		65.31	-11.24	6.8	0.0	7.0	23.6	2,300	0.2862	0.57	<0.10	NM
			Quarterly Monitoring	9/12/2006		65.31	-11.24	6.9	1.6	-22.0	23.4	2,170	0.1590	0.32	0.099J	NM
			Quarterly Monitoring	12/6/2006		65.09	-11.02	7.3	0.0	-25.0	22.5	2,190	0.1590	0.36	<0.10	NM
IRZMW002B	Zone B	A	Baseline	10/30/2003	54.17	68.07	-13.90	6.8	4.1	110.3	21.7	1,125	0	Too Turbid	<0.10	4.1
			Injection Evaluation	5/21/2004		68.97	-14.80	7.2	4.2	45.5	24.0	1,204	NM	NM	NM	5.2
			Injection Evaluation	10/12/2004		67.61	-13.44	7.1	1.3	8.6	21.5	1,254	NM	NM	NM	6.2
			Week 2	10/21/2004		67.99	-13.82	7.3	2.4	-34.3	25.5	1,325	0	<1.0	NM	2.8
			Week 6	11/18/2004		68.18	-14.01	7.1	4.6	48.3	24.1	1,067	0	<1.0	NM	4.6
			Week 12	1/4/2005		67.74	-13.57	7.2	4.0	32.7	21.5	1,234	0	<1.0	NM	3.1
			Week 16	1/27/2005		67.91	-13.74	7.1	3.4	63.4	22.3	1,047	0	0	NM	3.3
			Week 21	3/19/2005		67.21	-13.04	6.9	0.2	-36.6	24.0	1,253	0	2	NM	5.0
			Week 36	6/15/2005		67.30	-13.13	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/21/2005		66.85	-12.68	6.9	0.4	52.4	23.8	1,478	0	0.5	NM	NM
			Quarterly Monitoring	12/20/2005		66.56	-12.39	7.2	1.3	13.9	22.4	1,551	0	1.0	NM	NM
			Quarterly Monitoring	3/20/2006		66.18	-12.01	6.4	2.5	36.0	24.4	1,600	0.0848	0.06	<0.10	NM
			Quarterly Monitoring (Duplicate)	3/20/2006		66.18	-12.01	6.4	2.5	36.0	24.4	1,600	0.0848	0.06	<0.10	NM
			Quarterly Monitoring	6/15/2006		65.72	-11.55	6.5	0.0	75.0	23.3	1,900	0.0742	1.06	0035 J	NM
			Quarterly Monitoring	9/12/2006		63.22	-9.05	6.5	0.0	63.0	22.7	1,780	0.0848	0.18	0.037J	NM
			Quarterly Monitoring	12/4/2006		65.18	-11.01	6.8	0.0	31.0	23.5	2,390	0.0636	0.08	0.076J	NM

Table 1
Field Groundwater Parameters, and Total Sulfides and Total Organic Carbon Results
Former Building 2 Area, Former Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Top of Casing (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Temperature (°C)	Specific Conductance (umhos/cm)	Hydrogen Sulfide (mg/L)	Ferrous Iron (mg/L)	Total Sulfides (mg/L)	Total Organic Carbon (mg/L)
IRZMW005	Zone B	A	Baseline	10/9/2003	50.19	64.44	-14.25	7.1	5.3	40.8	21.6	1,591	0	0	NM	3.9
			Injection Evaluation	5/21/2004		64.52	-14.33	7.3	5.8	89.6	21.7	1,546	NM	NM	NM	5.6
			Injection Evaluation	10/12/2004		64.14	-13.95	6.0	1.3	-20.0	24.9	1,972	NM	NM	NM	5.2
			Week 2	10/22/2004		64.36	-14.17	6.8	0.4	-105.7	24.1	1,954	0	0.9	NM	3.1
			Week 6	11/19/2004		64.31	-14.12	6.2	0.8	-19.7	24.8	1,747	0	<1.0	NM	9.7
			Alt. Amend. Monitoring	12/14/2004		64.29	-14.10	6.6	0.6	-42.7	23.6	1,818	NM	NM	NM	5.5
			Week 12	1/5/2005		64.42	-14.23	6.3	0.2	-158.1	23.5	2,281	2	<1.0	NM	56.8
			Alt. Amend. Monitoring	1/14/2005		64.15	-13.96	6.4	1.0	-109.8	24.9	1,885	NM	NM	NM	157.0
			Week 16	1/28/2005		64.08	-13.89	6.4	0.1	-154.3	23.1	1,972	<2.5	3.2	NM	267.0
			Alt. Amend. Monitoring	2/11/2005		63.85	-13.66	6.2	0.6	-172.2	22.4	2,214	NM	NM	NM	499.0
			Week 21	3/20/2005		64.12	-13.93	6.4	0.1	-120.6	24.0	2,204	0.3	7.0	NM	353.0
			Week 36	6/15/2005		63.60	-13.41	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/22/2005		63.11	-12.92	7.8	0.1	-101.6	24.0	1,953	0.1	5.0	NM	NM
			Quarterly Monitoring	12/21/2005		62.68	-12.49	6.7	1.9	-60.4	24.5	1,906	0.2	7.0	NM	NM
			Quarterly Monitoring	3/21/2006		62.50	-12.31	6.3	0.0	-170.0	22.7	1,640	0.0530	3.3	0.091 J	NM
			Quarterly Monitoring	6/15/2006		61.89	-11.70	7.0	2.1	-117.0	25.3	1,600	0.848	3.3	1.0	NM
			Quarterly Monitoring	9/12/2006		61.72	-11.53	7.0	0.0	-109.0	23.7	1,300	0.795	1.65	0.017J	NM
			Quarterly Monitoring	12/6/2006		61.36	-11.17	6.6	0.5	-98.0	22.4	1,550	0.6678	2.52	0.650	NM
IRZMW003A	Zone B	B	Baseline	10/31/2003	54.14	68.21	-14.07	6.8	4.0	210.3	25.7	1,761	Too Turbid	Too Turbid	<0.10	2.6
			Injection Evaluation	10/12/2004		67.79	-13.65	6.1	1.1	-8.9	21.6	3,107	NM	NM	NM	5.7
			Week 12	1/4/2005		67.82	-13.68	6.6	0.5	-19.2	24.7	2,196	0	<1.0	NM	9.7
			Week 16	1/27/2005		67.85	-13.71	6.6	0.3	123.2	24.7	1,747	0	0	NM	5.5
			Week 21	3/19/2005		67.63	-13.49	6.8	0.5	-45.4	24.7	1,512	Too Turbid	0.3	NM	8.4
			Quarterly Monitoring	9/21/2005		66.82	-12.68	7.4	0.4	86.2	23.8	1,708	0	0.2	NM	NM
			Quarterly Monitoring	12/20/2005		66.43	-12.29	6.9	4.4	35.6	24.3	1,842	0	7.0	NM	NM
			Quarterly Monitoring	3/23/2006		66.25	-12.11	6.6	6.9	112.0	23.1	1,500	0.7208	0.6	0.036 J	NM
			Quarterly Monitoring	6/15/2006		65.45	-11.31	6.8	0.0	64.0	24.1	1,600	0.0700	0.1	0.073 J	NM
			Quarterly Monitoring	9/13/2006		65.42	-11.28	6.8	0.0	16.0	23.0	1,550	0.1908	0.19	0.089J	NM
			Quarterly Monitoring	12/4/2006		65.27	-11.13	7.2	0.0	41.0	22.8	1,500	0.4452	0.16	<0.10	NM
IRZMW003B	Zone B	B	Baseline	10/31/2003	54.20	68.24	-14.04	6.8	5.0	280.4	23.3	1,154	Too Turbid	Too Turbid	<0.10	3.8
			Injection Evaluation	10/12/2004		67.82	-13.62	7.2	3.9	-10.6	22.7	1,276	NM	NM	NM	3.4
			Week 12	1/4/2005		67.84	-13.64	7.2	4.2	54.2	22.0	1,223	0	0.7	NM	3.4
			Week 16	1/27/2005		67.89	-13.69	7.2	4.6	111.2	22.7	974	0	0	NM	3.8
			Week 21	3/19/2005		67.67	-13.47	7.3	3.7	16.9	23.2	961	0	0.6	NM	3.5
			Quarterly Monitoring	9/21/2005		66.88	-12.68	7.4	0.5	81.6	22.8	1,675	0	0.5	NM	NM
			Quarterly Monitoring	12/20/2005		66.55	-12.35	6.8	2.3	22.5	21.4	2,003	0	0.5	NM	NM
			Quarterly Monitoring	3/21/2006		66.20	-12.00	6.2	0.0	-8.0	22.8	1,920	0.0212	0.25	<0.10	NM
			Quarterly Monitoring	6/15/2006		65.44	-11.24	6.5	0.0	39.0	22.7	2,100	0.0106	0.17	0.027 J	NM
			Quarterly Monitoring	9/12/2006		65.45	-11.25	6.5	0.1	36.0	22.1	1,920	0	0.01	0.024J	NM
			Quarterly Monitoring	12/4/2006		65.19	-10.99	6.9	0.0	5.0	22.7	2,010	0	0.10	0.022J	NM

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Former Building 2 Area, Former Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Top of Casing (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Temperature (°C)	Specific Conductance (umhos/cm)	Hydrogen Sulfide (mg/L)	Ferrous Iron (mg/L)	Total Sulfides (mg/L)	Total Organic Carbon (mg/L)
IRZMW004	Zone B	C	Baseline	10/7/2003	50.48	64.84	-14.36	7.0	4.8	152.9	22.5	1,449	0	0	NM	3.1
			Injection Evaluation	10/12/2004		64.45	-13.97	7.2	2.5	-40.9	24.1	1,337	NM	NM	NM	2.3
			Alt. Amend. Monitoring	12/14/2004		64.63	-14.15	7.2	4.2	-28.6	23.7	1,473	NM	NM	NM	3.6
			Week 12	1/5/2005		64.77	-14.29	7.2	3.5	16.6	23.6	1,453	0.1	1.0	NM	3.8
			Alt. Amend. Monitoring	1/14/2005		64.56	-14.08	7.1	46.0	109.7	23.2	1,213	NM	NM	NM	4.0
			Alt. Amend. Monitoring	2/11/2005		64.16	-13.68	7.3	2.6	178.0	21.7	1,102	NM	NM	NM	7.4
			Week 21	3/20/2005		64.45	-13.97	7.1	1.2	-130.7	23.0	1,149	0.3	3.0	NM	31.7
			Week 36	6/15/2005		63.95	-13.47	6.7	1.3	-77.5	25.4	2,578	NM	<1.0	NM	23.5
			Quarterly Monitoring	9/21/2005		63.45	-12.97	8.1	0.1	-110.6	23.2	1,822	0	2.0	NM	NM
			Quarterly Monitoring	12/21/2005		63.04	-12.56	7.2	2.0	2.8	23.3	1,719	0	1.0	NM	NM
			Quarterly Monitoring	3/22/2006		62.85	-12.37	6.9	0.5	-69.0	23.3	1,400	0.0636	0.55	<0.10	NM
			Quarterly Monitoring (Duplicate)	3/22/2006		62.85	-12.37	6.9	0.5	-69.0	23.3	1,400	0.0636	0.55	<0.10	NM
			Quarterly Monitoring	6/15/2006		62.25	-11.77	7.0	0.8	-83.0	28.7	2,800	0.0424	2.16	0.052 J	NM
			Quarterly Monitoring (Duplicate)	6/15/2006		62.25	-11.77	7.0	0.8	-83.0	28.7	2,800	0.0424	2.16	0.044 J	NM
			Quarterly Monitoring	9/12/2006		62.09	-11.61	7.1	0.0	-277.0	23.6	1,500	0.8480	1.14	2.70	NM
			Quarterly Monitoring (Duplicate)	9/12/2006		62.09	-11.61	7.1	0.0	-277.0	23.6	1,500	0.3074	1.14	2.30	NM
			Quarterly Monitoring	12/6/2006		61.76	-11.28	6.9	3.0	-96.0	22.1	1,970	0.3074	1.29	0.44	NM
CMW026	Zone C	A	Baseline	10/7/2003	48.94	63.38	-14.44	7.2	4.5	34.0	22.3	965	0	0	NM	2.0
			Week2	10/22/2004		63.33	-14.39	7.2	1.1	-86.7	22.7	123	0	1.0	NM	1.6
			Week 6	11/19/2004		63.28	-14.34	7.1	0.7	-202.7	24.0	384	0.2	0.7	NM	10.7
			Week 12	1/5/2005		63.44	-14.50	7.0	1.6	-13.8	22.3	72	0	1.0	NM	2.7
			Week 16	1/28/2005		63.31	-14.37	6.7	0.1	-108.7	22.6	459	0.8	3.2	NM	22.4
			Week 21	3/19/2005		62.92	-13.98	7.3	3.6	12.8	22.2	64	0	1.4	NM	11.0
			Week 36	6/15/2005		62.46	-13.52	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/22/2005		61.98	-13.04	7.3	0.1	23.9	23.6	202	0	1.5	NM	NM
			Quarterly Monitoring	12/21/2005		61.40	-12.46	6.7	NM	23.0	21.2	234	0	1.5	NM	NM
			Quarterly Monitoring	3/21/2006		61.19	-12.25	7.1	1.3	-16.0	20.8	270	0	0.0	0.011 J	12.0
			Quarterly Monitoring	6/14/2006		60.83	-11.89	6.4	0.1	-120.0	24.7	2,910	0.226	1.67	0.13	NM
			Quarterly Monitoring	9/8/2006		60.50	-11.56	7.0	0.1	-144.0	22.6	1,500	0.138	3.30	0.15	NM
			Quarterly Monitoring	12/6/2006		60.28	-60.28	6.6	1.0	-70.0	21.8	1,160	0.159	2.12	0.15	NM
IRZCMW003	Zone C	B	Baseline	10/7/2003	49.12	63.58	-14.46	7.2	2.7	133.5	22.8	951	0	0	NM	2.0
			Injection Evaluation	10/12/2004		62.98	-13.86	7.3	1.1	-7.5	22.3	969	NM	NM	NM	2.4
			Week 12	1/5/2005		63.62	-14.50	7.3	0.5	-45.8	21.5	907	0	0.2	NM	2.7
			Week 16	1/28/2005		63.41	-14.29	7.3	0.3	105.3	22.6	729	0	0	NM	2.3
			Week 21	3/19/2005		63.03	-13.91	7.4	0.2	-73.8	22.0	730	NM	0.4	NM	2.8
			Week 36	6/15/2005		62.65	-13.53	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/22/2005		62.18	-13.06	7.9	0.1	40.0	23.1	1,001	0	0.5	NM	NM
			Quarterly Monitoring	12/21/2005		61.64	-12.52	7.4	1.2	9.6	22.2	1,085	0	0	NM	NM
			Quarterly Monitoring	3/22/2006		61.63	-12.51	6.9	2.9	-35.0	23.1	920	0.0106	0.05	<0.10	NM
			Quarterly Monitoring	6/15/2006		60.56	-11.44	7.5	0.4	-31.0	23.9	4,100	0.0318	0.02	0031 J	NM
			Quarterly Monitoring	9/12/2006		60.77	-11.65	7.7	0.0	-115.0	22.5	650	0.0212	0.24	0.035J	NM
			Quarterly Monitoring	12/6/2006		60.40	-11.28	7.5	0.0	8.0	22.4	888	0.0212	0.08	0.022J	NM

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Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Top of Casing (feet msl)	Depth to Water (feet)	Groundwater Elevation (feet msl)	pH	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Temperature (°C)	Specific Conductance (umhos/cm)	Hydrogen Sulfide (mg/L)	Ferrous Iron (mg/L)	Total Sulfides (mg/L)	Total Organic Carbon (mg/L)
IRZCMW002	Zone C	C	Baseline	10/8/2003	52.98	67.78	-14.80	7.0	2.4	188.5	21.4	888	0	0	NM	3.2
			Injection Evaluation	10/12/2004		67.25	-14.27	7.4	1.1	-51.0	21.4	974	NM	NM	NM	2.2
			Week 12	1/5/2005		68.02	-15.04	7.4	0.9	146.5	21.3	912	0	0.2	NM	2.2
			Week 21	3/19/2005		67.25	-14.27	7.7	0.2	-169.5	22.5	709	0.4	0.3	NM	11.7
			Week 36	6/15/2005		66.72	-13.74	7.2	0.2	-285.4	23.6	2,024	NM	<0.1	NM	157.0
			Quarterly Monitoring	9/22/2005		66.19	-13.21	8.4	0.1	-121.5	22.9	1,674	0.2	0.5	NM	NM
			Quarterly Monitoring	12/21/2005		65.63	-12.65	7.2	1.2	-98.7	21.0	1,890	0.1	6.5	NM	NM
			Quarterly Monitoring	3/22/2006		65.82	-12.84	6.6	0.0	-141.0	22.5	1,860	0.1166	3.3	0.035 J	510.0
			Quarterly Monitoring	6/16/2006		64.55	-11.57	6.5	0.0	-152.0	21.6	2,200	0.583	1.38	0.52	NM
			Quarterly Monitoring	9/11/2006		64.76	-11.78	7.1	0.0	-137.0	21.6	2,100	0.328	3.30	0.42	NM
			Quarterly Monitoring	12/4/2006		64.60	-11.62	6.9	0.0	-117.0	21.4	1,940	0.1378	3.19	0.13	NM
CMW001	Zone C	C	Baseline	10/9/2003	51.81	66.81	-15.00	6.8	2.6	-120.0	23.3	948	0.5	0	NM	23.0
			Week 12	1/5/2005		66.83	-15.02	7.3	0.5	-95.3	23.0	1,017	0	0.3	NM	27.5
			Week 21	3/18/2005		66.63	-14.82	7.3	0.2	-62.2	23.5	806	0	0	NM	26.0
			Week 36	6/15/2005		65.68	-13.87	7.3	0.5	-142.3	27.6	1,352	NM	<0.1	NM	15.8
			Quarterly Monitoring	9/22/2005		65.19	-13.38	8.1	0.1	-30.2	24.7	908	0	0	NM	NM
			Quarterly Monitoring	12/21/2005		64.70	-12.89	7.5	NM	-16.6	22.9	925	0	1	NM	NM
			Quarterly Monitoring	3/22/2006		64.39	-12.58	7.3	0.0	-181.0	22.7	8,870	0.09	0.41	NM	NM
			Quarterly Monitoring	6/13/2006		64.11	-12.30	7.5	0.0	-101.0	24.0	9,990	0.0318	0	0.025 J	NM
			Quarterly Monitoring	9/6/2006		63.77	-11.96	7.6	1.7	-106.0	24.0	720	0	0	<0.10	NM
			Quarterly Monitoring	12/4/2006		63.56	-11.75	7.3	0.0	-93.0	23.4	718	0.0212	0.17	0.022J	NM
CMW002	Zone C	C	Baseline	10/8/2003	52.81	65.29	-12.48	6.9	2.2	51.4	23.0	788	0	0	NM	8.0
			Week 12	1/3/2005		64.80	-11.99	5.2	0.5	-6.6	22.5	875	0	0.2	NM	13.8
			Week 21	3/18/2005		64.51	-11.70	7.3	0.2	-56.7	22.6	699	0	0	NM	12.7
			Week 36	6/15/2005		64.17	-11.36	7.2	0.6	-72.6	24.1	1,427	NM	<0.1	NM	13.3
			Quarterly Monitoring	9/22/2005		63.51	-10.70	8.2	0.1	31.1	24.2	922	0	0	NM	NM
			Quarterly Monitoring	12/21/2005		63.18	-10.37	7.3	NM	23.9	21.0	1,026	0	0	NM	NM
			Quarterly Monitoring	3/22/2006		63.00	-10.19	7.3	10.1	73.0	19.3	900	0.0318	0.06	0.014 J	15.0
			Quarterly Monitoring	6/14/2006		62.45	-9.64	7.2	0.0	-14.0	23.4	860	0	0	0.044 J	NM
			Quarterly Monitoring	9/11/2006		62.18	-9.37	7.5	0.0	-43.0	22.8	890	0	0.2	0.41J	NM
			Quarterly Monitoring	12/6/2006		61.98	-9.17	7.1	3.6	63.0	20.2	830	0.0636	0.0400	0.049J	NM
IRZCMW001	Zone C	D	Baseline	10/8/2003	49.14	63.65	-14.51	7.1	4.2	183.0	21.7	1,219	0	0	NM	3.3
			Injection Evaluation	10/12/2004		NM	NM	7.2	2.5	-12.0	22.3	1,313	NM	NM	NM	2.5
			Week 6	11/18/2004		63.52	-14.38	7.2	1.5	46.9	24.2	1,117	0	0.1	NM	2.3
			Week 12	1/4/2005		63.41	-14.27	7.2	0.5	9.0	21.3	1,248	0	0.2	NM	2.1
			Week 21	3/19/2005		62.97	-13.83	7.3	0.1	-50.6	23.4	1,028	0	0.5	NM	3.7
			Week 36	6/15/2005		62.66	-13.52	NM	NM	NM	NM	NM	NM	NM	NM	NM
			Quarterly Monitoring	9/22/2005		62.17	-13.03	7.9	0.1	11.3	23.1	1,337	0	0.1	NM	NM
			Quarterly Monitoring	12/21/2005		61.70	-12.56	7.3	3.5	8.2	22.7	1,475	0	1.0	NM	NM
			Quarterly Monitoring	3/21/2006		61.56	-12.42	6.7	0.0	-27.0	22.6	1,210	0.0742	0.0	<0.10	NM
			Quarterly Monitoring	6/14/2006		61.11	-11.97	7.5	0.0	-39.0	24.3	9,990	0	0.0	0.021 J	NM
			Quarterly Monitoring	9/11/2006		60.68	-11.54	7.5	0.0	9.0	22.5	1,300	0.0318	0	ND<0.10	NM
			Quarterly Monitoring	12/6/2006		60.50	-11.36	7.4	0.0	20.0	23.0	1,800	0.0848	0.01	0.054J	NM

Notes:

Wells micropurged then sampled, except grab bailer samples collected 10/12/04.

Group A: wells located within the estimated injection area

Group B: wells located at the estimated edge of the injection area

Group C: wells located downgradient of the treatment area

Group D: wells located upgradient of the treatment area

feet msl - feet above mean sea level

mg/L - milligrams per liter

mV - millivolts

°C - degrees Celsius

umhos/cm - micromhos per centimeter

N/A - Not applicable

NM - Not measured

<0.10 - Not detected above indicated reporting limit

J - The analyte results were positively identified, and numerical values are an approximate concentration of the analyte in the sample.

Table 2
Inorganic Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Bromide (mg/L)	Chloride (mg/L)	Total Iron (mg/L)	Dissolved Manganese (mg/L)	Total Manganese (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)
EPA Analytical Method					300.0A	300.0A	6010B	6010A	6010B	300.0A	300.0A	300.0A
IRZB0081	Zone B	A	Baseline	10/9/2003	0.94	348	25	0.05	1.4	8.5	<1	43.8
			Week 12	1/5/2005	746	NS	NS	5.1	NS	<2	NS	104
			Week 16	1/28/2005	<2.5	NS	NS	7.0	NS	<2	NS	38.1
			Week 21	3/20/2005	<25	283	410	9.5	9.6	<1	<0.5	13.7
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/7/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZB0095	Zone B	A	Baseline	10/7/2003	0.85	320	3.30	0.052	0.78	7.2	<1	38.6
			Week 6	11/19/2004	0.64	NS	NS	0.016	NS	6.5 J	NS	49.7
			Week 12	1/5/2005	18	NS	NS	5.7	NS	<1	NS	45.5
			Week 16	1/28/2005	<5	NS	NS	7.1	NS	<0.5	NS	20.6
			Week 21	3/20/2005	<5	90	70	2.3	3.4	0.30	<1	22.0
			Quarterly	3/21/2006	NS	120	NS	1.7	NS	1.30	<0.5	79.0
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/7/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW001A	Zone B	A	Baseline	10/30/2003	3.6	615	6.8	0.019	0.24 J	14	<1	88.6
			Week 6	11/18/2004	1.9	NS	NS	0.064	NS	8.8 J	NS	60.2
			Week 12	1/4/2005	1.9	NS	NS	0.019	NS	9.4	NS	62.9
			Week 16	1/27/2005	1.9	NS	NS	0.048	NS	9.2	NS	62.3
			Week 21	3/19/2005	2.1	490	0.35	0.15	0.17	3.1	0.3 JQC	59.3
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW001B	Zone B	A	Baseline	10/30/2003	0.73	218	2.9	0.020	0.09 J	5.8	<0.5	98.0
			Week 6	11/18/2004	0.41 J	NS	NS	0.0041 J	NS	6.8 J	NS	87.9
			Week 12	1/4/2005	0.43 J	NS	NS	0.0014 J	NS	7.2	NS	93.9
			Week 16	1/27/2005	0.47 J	NS	NS	0.037	NS	7.3	NS	93.2
			Week 21	3/19/2005	0.45 J	158	0.078 J	0.0023 J	0.02	5.5	<0.5	80.8
			Quarterly	3/21/2006	NS	220	NS	0.025	NS	8.0	<10.0	69.0
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	0.032J
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW002A	Zone B	A	Baseline	10/31/2003	2.3	444	13	3.6	3.7 J	0.13	<1	77.8
			Week 6	11/18/2004	1.7	NS	NS	2.1	NS	4.3 J	NS	64.6
			Week 12	1/4/2005	1.8	NS	NS	1.7	NS	3.7	NS	68.1
			Week 16	1/27/2005	1.7	NS	NS	1.5	NS	5.0	NS	64.9
			Week 21	3/19/2005	1.8	509	3.6	1.5	1.9	3.0	<0.5	66.2
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW002B	Zone B	A	Baseline	10/30/2003	0.94	220	12	0.150	0.31 J	6.9	0.21 QC	80.9
			Week 6	11/18/2004	0.66	NS	NS	0.035	NS	8.6 J	NS	98.1
			Week 12	1/4/2005	0.64	NS	NS	0.018	NS	9.5	NS	94.8
			Week 16	1/27/2005	0.78	NS	NS	0.022	NS	8.1	NS	67.6
			Week 21	3/19/2005	0.73	229	1.3	0.044	0.07	2.7	<0.5	47.8
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW005	Zone B	A	Baseline	10/9/2003	0.97	358	2.5	0.02	0.10	8.6	<1	41.6
			Week 6	11/19/2004	0.98	NS	NS	0.05	NS	4.7 J	NS	36.0
			Week 12	1/5/2005	0.89	NS	NS	2.6	NS	<0.1	NS	23.4
			Week 16	1/28/2005	<25	NS	NS	3.5	NS	<0.5	NS	15.7
			Week 21	3/20/2005	<5	438	41.6	5.2	5.4	0.083 J	<1	5.3
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW003A	Zone B	B	Baseline	10/31/2003	1.1	465	5.6	0.0069 J	0.11 J	9.6	<1	48.3
			Week 12	1/4/2005	1.4	NS	NS	0.10	NS	6.1	NS	41.3
			Week 16	1/27/2005	1.3	NS	NS	0.12	NS	6.2	NS	41.7
			Week 21	3/19/2005	0.3 J	147	4.6	0.21	0.33	1.5	<0.5	14.0
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS

Table 2
Inorganic Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Bromide (mg/L)	Chloride (mg/L)	Total Iron (mg/L)	Dissolved Manganese (mg/L)	Total Manganese (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	Sulfate (mg/L)
IRZMW003B	Zone B	B	Baseline	10/31/2003	0.69	240	8.1	0.051	0.23 J	6.3	<0.5	77.9
			Week 12	1/4/2005	0.59	NS	NS	0.021	NS	6.0	NS	80.8
			Week 16	1/27/2005	0.58	NS	NS	0.019	NS	5.9	NS	79.8
			Week 21	3/19/2005	0.56	185	0.75	0.0089 J	0.02	5.9	<0.5	65.9
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZMW004	Zone B	C	Baseline	10/7/2003	0.89	338	4.8	0.013 J	0.30	8.1	<1	41.2
			Week 12	1/5/2005	0.80	NS	NS	0.0028 J	NS	7.3	NS	42.1
			Week 21	3/20/2005	0.68	244	2.5	0.50	0.51 B	5.0	<0.5	42.7
			Week 36	6/15/2005	0.79	284	2.2	0.21J	0.23	6.3	<1	38.1
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	2.3
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
CMW026	Zone C	A	Baseline	10/7/2003	0.55	215	1.7	0.0054 J	0.09	2.8	<1	34.2
			Week 6	11/19/2004	0.18 J	NS	NS	0.380	NS	0.066 J	NS	4.0
			Week 12	1/5/2005	<0.5	NS	NS	0.035	NS	0.20	NS	5.0
			Week 16	1/28/2005	0.14 J	NS	NS	0.57	NS	<0.1	NS	2.3
			Week 21	3/19/2005	<0.5	3.8	1.8	0.06	0.06	0.44	0.08 J	5.5
			Quarterly	3/21/2006	NS	29.0	NS	0.064	NS	1.20	<0.5	10.0
			Quarterly	9/8/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZCMW003	Zone C	B	Baseline	10/7/2003	0.51	191	1.1	0.015	0.16	1.6	<1	49.8
			Week 12	1/5/2005	0.38 J	NS	NS	0.016	NS	2.1	NS	52.6
			Week 16	1/28/2005	0.38 J	NS	NS	0.024	NS	2.1	NS	52.3
			Week 21	3/19/2005	0.36 J	138	0.77	0.014 J	0.10	1.6	<0.5	50.7
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZCMW002	Zone C	C	Baseline	10/8/2003	0.37 J	150	0.23	0.10	0.04	2.5	<0.5	62.5
			Week 12	1/5/2005	0.37 J	NS	NS	0.0012 J	NS	3.2	NS	61.6
			Week 21	3/19/2005	0.38 J	144	0.20	0.67	0.75	<0.1	<0.5	56.9
			Week 36	6/15/2005	0.19B	152	1.2	2.4J	2.8	<0.1	<1.0	3.6
			Quarterly	3/22/2006	NS	190	NS	3.80	NS	1.20	35.0	11.0
			Quarterly	9/11/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS
CMW001	Zone C	C	Baseline	10/9/2003	0.32 J	127	2.8	0.12	0.16	<0.1	<1	115
			Week 12	1/5/2005	0.23 J	NS	NS	0.34	NS	<0.1	NS	156
			Week 21	3/18/2005	0.24 J	112	0.15	0.36	0.39	<0.1	<0.5	143
			Week 36	6/15/2005	0.22B	87.8	0.16	0.21J	0.23	<0.1	<0.1	99.0
			Quarterly	9/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS	NS	NS
CMW002	Zone C	C	Baseline	10/8/2003	0.24 J	110	0.63	0.21	0.13	<0.1	<0.5	84.9
			Week 12	1/3/2005	0.23 J	NS	NS	0.15 B	NS	<0.1	NS	89.0
			Week 21	3/18/2005	0.25 J	110	0.29	0.13	0.16	<0.1	<0.5	85.7
			Week 36	6/15/2005	0.24B	110	0.18	0.13J	0.15	<0.1	<0.1	89.1
			Quarterly	3/22/2006	NS	120	NS	0.21	NS	<0.5	<0.5	91.0
			Quarterly	9/11/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS
IRZCMW001	Zone C	D	Baseline	10/8/2003	0.73	275	1.9	0.0055 J	0.04	2.7	<0.5	37.7
			Week 6	11/18/2004	0.67	NS	NS	0.0022 J	NS	2.2 J	NS	37.2
			Week 12	1/4/2005	0.69	NS	NS	0.0093 J	NS	2.1	NS	38.0
			Week 21	3/19/2005	0.68	273	0.093 J	0.02	0.02	2.0	<1	35.9
			Quarterly	9/11/2006	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS	NS	NS

Notes:
Selected compounds are detected in one or more groundwater samples
Group A: wells located within the estimated injection area
Group B: wells located at the estimated edge of the injection area
Group C: wells located downgradient of the treatment area
Group D: wells located upgradient of the treatment area
J - The analyte results were positively identified, and numerical values are an approximate concentration of the analyte in the sample.
QC - A quality control parameter associated with the analyte is not within laboratory or method required quality control limits.
<1.0 - Not detected above indicated reporting limit
NS - Not Sampled

BOE-C6-0053063

Table 3
Volatile Organic Compound (VOC) Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,1,2-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Chlorobenzene (µg/L)	Chloroform (µg/L)	Methyl Ethyl Ketone (µg/L)	Methylene Chloride (µg/L)
EPA Analytical Method					8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
IRZB0081	Zone B	A	Baseline	10/9/2003	<170	**6,500**	<170	<170	<170	<170	**63 J**	<170	<170	<1,700	<170	<170	**50 J**	<830	<170
			Alt. Amend. Monitoring	12/14/2004	<120	**5,300**	**89 J**	<120	<120	<120	**60 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 12	1/5/2005	<50	**1,900**	**100**	<50	<50	<50	**17 J**	<50	<50	**240 J**	<50	<50	<50	**750**	<50
			Alt. Amend. Monitoring	1/14/2005(a)	<50	**3,000**	**150**	<50	<50	<50	**32 J**	<50	<50	**240 J**	<50	<50	<50	**790**	<50
			Week 16	1/28/2005	<100	**4,600**	**260**	<100	<100	<100	**34 J**	<100	<100	**320 J**	<100	<100	<100	**400 J**	<100
			Alt. Amend. Monitoring	2/11/2005	<50	**4,200**	**690**	<50	<50	<50	**39 J**	<50	<50	**390 J**	<50	<50	**19 J**	**260**	**17 J**
			Week 21	3/20/2005	<50	**2,300**	**2,600**	<50	<50	<50	**31 J**	<50	<50	**690**	<50	<50	<50	**1,600**	<50
			Quarterly Monitoring	9/22/2005	<100	**36 J**	**7,600**	<100	<100	<100	**33 J**	<100	<100	<1,000	<100	<100	<100	<500	<100
			Quarterly Monitoring	12/20/2005	<12	<12	**34**	**5.7 J**	**750**	<12	<12	<12	<12	**39 J**	<12	<12	<12	<62	<12
			Quarterly Monitoring	3/20/2006	<5.0	**36**	**260**	**8.10**	**1,600**	<5.0	**2.2J**	<5.0	<2.5	<50	<5.0	<5.0	<5.0	<25	<5.0
			Quarterly Monitoring	6/16/2006	<20	**110**	**98**	**8.2J**	**2,300**	<20	<20	<20	<10	<200	<20	<20	<20	<100	**34**
			Quarterly Monitoring	9/13/2006	<10	**350**	**160**	**8.90**	<60	<10	<10	<10	<5.0	<100	<10	<10	<10	<50	<10
			Quarterly Monitoring	12/7/2006	<5.0	**72**	**110**	**11**	**1,800**	<5.0	<5.0	<5.0	<2.5	<50	<5.0	<5.0	3.4J	<25	<5.0
IRZB0095	Zone B	A	Baseline	10/7/2003	<120	**5,800**	<120	<120	<120	<120	**49 J**	<120	<120	<1,200	<120	<120	**150**	<620	**150**
			Week 6	11/19/2004	<100	**3,900**	<100	<100	<100	<100	**64 J**	<100	<100	<1,000	<100	<100	**85 J**	<500	<100
			Alt. Amend. Monitoring	12/14/2004	<83	**4,300**	<83	<83	<83	<83	**68 J**	<83	<83	<830	<83	<83	**96**	<420	<83
			Week 12	1/5/2005	**9.0 J**	**1,000**	**9.0 J**	<25	<25	<12	**11 J**	<25	<25	<250	<25	<25	**16 J**	**110 J**	**9.4 J**
			Alt. Amend. Monitoring	1/14/2005	**6.7 J**	**620**	**340**	<10	<10	<10	**12**	<10	<10	**63 J**	<10	<10	**6.6 J**	**170**	**2 J**
			Week 16	1/28/2005	**5.7 J**	**450**	**930**	<12	<12	<12	**15**	<12	<12	**38 J**	<12	<12	**12**	**130**	<12
			Alt. Amend. Monitoring	2/11/2005	<25	**440**	**1,100**	<25	<25	<12	**20 J**	<25	<25	**95 J**	<25	<25	**13 J**	**160**	<25
			Week 21	3/20/2005	<25	**430**	**1,700**	<25	<25	<25	**25**	<25	<25	<250	<25	<25	**13 J**	**77 J**	<25
			Quarterly Monitoring	9/22/2005	<5.0	**23**	**30**	**2.5 J**	**120**	<5.0	<5.0	<5.0	<5.0	**69**	<5.0	**89**	**4.2 J**	**90**	<5.0
			Quarterly Monitoring	12/20/2005	<10	**210**	**77**	**5.6 J**	**790**	<10	**3.8 J**	<10	<10	<100	<10	<10	**51**	<50	<10
			Quarterly Monitoring	3/21/2006	**6J**	**1,100**	**320**	**4.5J**	**590**	<10	**12**	<10	<5.0	<100	<10	<10	**7.2J**	<50	**8J**
			Quarterly Monitoring	6/16/2006	<20	**260**	**300**	<20	**1,500**	<20	<20	<20	<10	<200	<20	<20	<20	<100	**41**
			Quarterly Monitoring	9/13/2006	3.7J	**470**	**610**	4.9	**1,100**	<4.0	11	<4.0	<2.0	<40	<4.0	<4.0	1.4J	<20	**<20**
			Quarterly Monitoring	12/7/2006	2.9J	**250**	**740**	7.7	**1,400**	<4.0	11	<4.0	<2.0	<40	<4.0	<4.0	<4.0	<20	<4.0
IRZMW001A	Zone B	A	Baseline	10/30/2003	<500	**11,000**	<500	<500	<500	<500	<500	<500	<500	<5,000	<500	<500	<500	<2,500	<500
			Week 6	11/18/2004	<120	**7,200**	**43 J**	<120	<120	<120	**77 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 12	1/4/2005	<120	**6,900**	<120	<120	<120	<120	**66 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 16	1/27/2005	<120	**7,700**	**38 J**	<120	<120	<120	**58 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 21	3/19/2005	<250	**9,800**	**2 J**	<250	<250	<250	**81 J**	<250	<250	<2,500	<250	<250	<250	<1,200	<250
			Quarterly Monitoring	9/21/2005	<310	**16,000**	**100 J**	<310	<310	<310	**100 J**	<310	<310	<3,100	<310	<310	<310	<1600	<310
			Quarterly Monitoring	12/19/2007	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
			Quarterly Monitoring	3/23/2006	**3.2**	**14,000**	**290**	**1.3**	<0.5	**9.2**	**85**	**5.0**	**0.65**	<10	**2.6**	<1.0	**18**	<5.0	**1.6**
			Quarterly Monitoring	6/15/2006	**3.3**	**18,000**	**400**	**2**	<0.5	**9.3**	**70**	**5.6**	**0.73**	<10	**2.5**	<1.0	**20**	<5.0	<1.0
			Quarterly Monitoring	9/13/2006	<20	**16,000**	**430**	<20	<10	**6.4J**	**93**	<20	<10	<2000	<20	<20	**19**	<100	<20
			Quarterly Monitoring	12/6/2006	<40	**19,000**	**450**	<40	<20	<40	**65**	<40	<20	<400	<40	15J	**18J**	<200	<40

Table 3
Volatile Organic Compound (VOC) Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,1,2-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Chlorobenzene (µg/L)	Chloroform (µg/L)	Methyl Ethyl Ketone (µg/L)	Methylene Chloride (µg/L)
EPA Analytical Method					8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
IRZMW001B	Zone B	A	Baseline	10/30/2003	<120	**4,800**	**54 J**	<120	<120	<120	**50 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 6	11/18/2004	<25	**1,400**	<25	<25	<25	<25	**19 J**	<25	<25	<250	<25	<25	<25	<120	<25
			Week 12	1/4/2005	<25	**1,300**	<25	<25	<25	<12	**16 J**	<25	<25	<250	<25	<25	<25	<120	<25
			Week 16	1/27/2005	<25	**1,600**	<25	<25	<25	<12	**17 J**	<25	<25	<250	<25	<25	<25	<120	<25
			Week 21	3/19/2005	<50	**2,100**	<50	<50	<50	<50	**25 J**	<50	<50	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	9/21/2005	<17	**1,100**	**13 J**	<17	<17	<17	**16 J**	<17	<17	<170	<17	<17	<17	<83	<17
			Quarterly Monitoring	12/19/2005	<12	**1,100**	**290**	<12	<12	<12	**31**	<12	<12	<120	<12	<12	<12	<62	<12
			Quarterly Monitoring	3/21/2006	<1.0	**1,200**	**560**	**1.2**	<0.5	**0.37J**	**31**	**0.65J**	<0.5	<10	<1.0	<1.0	**2.2**	<5.0	**0.77J**
			Quarterly Monitoring	6/15/2006	**0.32J**	**870**	**1100**	**4**	**0.51**	<1.0	**28**	**0.96J**	<0.5	<10	<1.0	<1.0	**1.5**	<5.0	**0.84J**
			Quarterly Monitoring	9/12/2006	<2.0	**990**	**860**	**1.5J**	<1.0	<2.0	**42**	**0.98J**	<1.0	<20	<2.0	<2.0	**1.8J**	<10	<2.0
			Quarterly Monitoring	12/4/2006	<1.0	**750**	**660**	**1.4**	**2.60**	<1.0	**29**	**0.65J**	<0.5	<10	0.33J	<1.0	**0.97J**	<5.0	<1.0
			Quarterly Monitoring (Duplicate)	12/4/2006	<1.0	**980**	**770**	**2.2**	**2.50**	0.34J	**32**	**0.72J**	<0.5	<10	0.32J	<1.0	**1.1**	<5.0	<1.0
IRZMW002A	Zone B	A	Baseline	10/30/2003	<120	**5,100**	**660**	<120	<120	<120	**63 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 6	11/18/2004	<200	**8,300**	**220**	<200	<200	<200	**79 J**	<200	<200	<2,000	<200	<200	<200	<1,000	<200
			Week 12	1/4/2005	<100	**7,100**	**460**	<100	<100	<100	**62 J**	<100	<100	<1,000	<100	<100	<100	<500	<100
			Week 16	1/27/2005	<250	**8,700**	**490**	<250	<250	<250	<250	<250	<250	<2,500	<250	<250	<250	<1,200	<250
			Week 21	3/19/2005(b)	<250	**9,600**	**1,300**	<250	<250	<250	**81 J**	<250	<250	<2,500	<250	<250	<250	<1,200	<250
			Quarterly Monitoring	9/21/2005	<100	**7,300**	**5,000**	<100	<100	<100	**95 J**	<100	<100	<1,000	<100	<100	<100	<500	<100
			Quarterly Monitoring	12/19/2005	<62	**5,600**	**2,600**	<62	**92**	<62	**63**	<62	<62	<620	<62	<62	<62	<310	<62
			Quarterly Monitoring	3/22/2006	**1.8**	**7,900**	**2,100**	**13**	**140**	**10**	**67**	**6.1**	**0.78**	<10	**2.9**	<1.0	**14**	<5.0	<1.0
			Quarterly Monitoring	6/15/2006	**2.4**	**12,000**	**1,400**	**8**	**88**	**11**	**67**	**7.5**	**1.1**	<10	**3.4**	<1.0	**19**	<5.0	**0.78J**
			Quarterly Monitoring	9/12/2006	<20	**10,000**	**1,600**	**6.2J**	**76**	**7.8J**	**85**	**6.8J**	<10	<200	<20	<20	18J	<100	<20
			Quarterly Monitoring	12/6/2006	**<40**	**13,000**	**1,700**	**<40**	**75**	**<40**	**66**	**<40**	**<20**	<400	<40	<40	**17J**	<200	<40
IRZMW002B	Zone B	A	Baseline	10/30/2003	<12	**640**	**80**	<12	<12	<12	**8.5 J**	<12	<12	**73 JB**	<12	<12	<12	<62	<12
			Week 6	11/18/2004	<5	**230**	**13**	<5	<5	<5	**3.0 J**	<5	<5	<50	<5	<5	<5	<25	<5
			Week 12	1/4/2005	<2.5	**170**	**6**	<2.5	<2.5	<2.5	**1.7 J**	<2.5	<2.5	**8.8 J**	<2.5	<2.5	<2.5	<12	<2.5
			Week 16	1/27/2005	<5	**240**	**7**	<5	<5	<5	<5	<5	NM	NM	<5	<5	<5	<25	<5
			Week 21	3/19/2005	<5	**300**	**18**	<5	<5	<5	**3.5 J**	<5	<5	<50	<5	**2.2 J**	<5	<25	<5
			Quarterly Monitoring	9/21/2005	<10	**410**	**38**	<10	<10	<10	**5.1 J**	<10	<10	<100	<10	<10	<10	<50	<10
			Quarterly Monitoring	12/20/2005	<8.3	**550**	**89**	<8.3	<8.3	<8.3	**9.9**	<8.3	<8.3	<83	<8.3	<8.3	<8.3	<42	<8.3
			Quarterly Monitoring	3/20/2006	<1.0	**300**	**110**	<1.0	<0.5	<1.0	**6.2**	<1.0	<1.0	<10	<1.0	**0.42J**	**1.50**	<5.0	<1.0
			Quarterly Monitoring (Duplicate)	3/20/2006	<1.0	**330**	**94**	**4.20**	<0.5	<1.0	**3.9**	<1.0	<1.0	<10	<1.0	**0.48J**	**1.30**	<5.0	<1.0
			Quarterly Monitoring	6/15/2006	<1.0	**140**	**140**	**0.55J**	<0.5	<1.0	**3.8**	<1.0	<0.5	<10	<1.0	<1.0	**0.7J**	<5.0	<1.0
			Quarterly Monitoring	9/12/2006	<1.0	**110**	**700**	**3.20**	<0.5	<1.0	**8.9**	<1.0	<0.5	<10	<1.0	<1.0	**0.87J**	<5.0	<1.0
			Quarterly Monitoring	12/4/2006	<1.0	**210**	**880**	**2.80**	1.20	<1.0	**12.0**	<1.0	<0.5	<10	0.33J	<1.0	**1.0**	<5.0	<1.0
IRZMW005	Zone B	A	Baseline	10/9/2003	<170	**6,000**	<170	<170	<170	<170	**75 J**	<170	<170	<1,700	<170	<170	**56 J**	<830	<170
			Week 6	11/19/2004	<120	**6,500**	**61 J**	<120	<120	<120	**74 J**	<120	<120	<1,200	<120	<120	**51 J**	<620	<120
			Alt. Amend. Monitoring	12/14/2004	<170	**7,300**	**170**	<170	<170	<170	**84 J**	<170	<170	<1,700	<170	<170	**54 J**	<830	<170
			Week 12	1/5/2005	<25	**110**	**1,200**	<25	<25	<12	**12 J**	<25	<25	<250	<25	<25	**8.3 J**	<120	<25
			Alt. Amend. Monitoring	1/14/2005	<100	**740**	**5,200**	<100	<100	<100	**60 J**	<100	<100	**410 J**	<100	<100	**43 J**	<500	<100
			Week 16	1/28/2005	<120	**880**	**5,500**	<120	<120	<120	**52 J**	<120	<120	<1,200	<120	<120	**40 J**	<620	<120
			Alt. Amend. Monitoring	2/11/2005	<100	**540**	**5,800**	<100	<100	<100	**58 J**	<100	<100	<1,000	<100	<100	**35 J**	<500	<100
			Week 21	3/20/2005	<120	**170**	**7,100**	<120	<120	<120	**41 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Quarterly Monitoring	9/22/2005	<50	**340**	**3,400**	<50	<50	<50	**28 J**	<50	<50	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	12/21/2005	<50	**30 J**	**2,700**	<50	**130**	<50	**19 J**	<50	<50	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	3/21/2006	**0.59J**	**2,700**	**1,800**	**5.6**	**130**	**0.4J**	**40**	**0.54J**	<0.5	<10	**0.29J**	**0.61J**	**2.4**	<5.0	<1.0
			Quarterly Monitoring	6/15/2006	<10	**3,500**	**830**	<10	**57**	<10	**25**	<10	<5.0	<100	<10	<10	<10	<50	<10
			Quarterly Monitoring	9/12/2006	<5.0	**1,200**	**3,900**	26	**84**	<5.0	**36**	<5.0	<2.5	<50	<5.0	<5.0	2.2J	<25	8.80
			Quarterly Monitoring	12/6/2006	<10	**1,400**	**2,400**	18	<0.5	<10	**21**	<10	<5.0	<100	<10	<10	<10	<50	<10

Table 3
Volatile Organic Compound (VOC) Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,1,2-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Chlorobenzene (µg/L)	Chloroform (µg/L)	Methyl Ethyl Ketone (µg/L)	Methylene Chloride (µg/L)
EPA Analytical Method					8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
IRZMW003A	Zone B	B	Baseline	10/31/2003	<500	**20,000**	<500	<500	<500	<500	**180 J**	<500	<500	**3,200 JB**	<500	<500	<500	<2,500	<500
			Week 12	1/4/2005	<250	**11,000**	**120 J**	<250	<250	<250	**97 J**	<250	<250	<2,500	<250	<250	<250	<1,200	<250
			Week 16	1/27/2005	<250	**14,000**	**220 J**	<250	<250	<250	**78 J**	<250	<250	<2,500	<250	<250	<250	<1,200	<250
			Week 21	3/19/2005	<500	**18,000**	<500	<500	<500	<500	<500	<500	<500	<5,000	<500	<500	<500	<2,500	<500
			Quarterly Monitoring	9/21/2005	<420	**24,000**	<420	<420	<420	<420	<420	<420	<420	<4,200	<420	<420	<420	<2,100	<420
			Quarterly Monitoring	12/20/2005	<170	**11,000**	**190**	<170	<170	<170	**63 J**	<170	<170	<1,700	<170	<170	<170	<830	<170
			Quarterly Monitoring	3/23/2006	**4.6**	**20,000**	**120**	**1.5**	**0.43J**	**4.7**	**100**	**2.6**	<0.5	<10	**1.3**	<1.0	**17**	<5.0	**1.2**
			Quarterly Monitoring	6/15/2006	<100	**18,000**	**130**	<100	<50	<100	**96J**	<100	<50	<1000	<100	<100	<100	<500	**76J**
			Quarterly Monitoring	9/13/2006	<50	**18,000**	<50	<50	32	<50	**93**	<50	<25	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	12/4/2006	3.7	**18,000**	**250**	8.70	<20	3.30	**70**	2.10	<0.5	<10	0.91	<1.0	13	<5.0	<1.0
IRZMW003B	Zone B	B	Baseline	10/31/2003	<25	**1,000**	<25	<25	<25	<25	**19 J**	<25	<25	**130 JB**	<25	<25	<25	<120	<25
			Week 12	1/4/2005	<10	**620**	<10	<10	<10	<10	**16**	<10	<10	<100	<10	<10	<10	<50	<10
			Week 16	1/27/2005	<10	**900**	<10	<10	<10	<10	**16**	<10	<10	<100	<10	<10	<10	<50	<10
			Week 21	3/19/2005	<12	**670**	<12	<12	<12	<12	**16**	<12	<12	<120	<12	<12	<12	<62	<12
			Quarterly Monitoring	9/21/2005	<17	**1,400**	**1,000**	<17	<17	<17	**51**	<17	<17	<170	<17	<17	<17	<83	<17
			Quarterly Monitoring	12/20/2005	<25	**690**	**1,700**	<25	<25	<25	**39**	<25	<25	<250	<25	<25	<25	<120	<25
			Quarterly Monitoring	3/21/2006	<1.0	**990**	**930**	**2.2**	**3.5**	**0.41J**	**37**	**0.86J**	**0.31J**	<10	<1.0	**1.1**	**2.1**	<5.0	<1.0
			Quarterly Monitoring	6/15/2006	<1.0	**710**	<1.0	**0.78J**	**1.6**	<1.0	**12**	**0.32J**	<0.5	<10	<1.0	<1.0	**2.4**	<5.0	**0.74J**
			Quarterly Monitoring	9/12/2006	<1.0	**360**	200	**0.96J**	**1.2**	<1.0	**11**	**0.31J**	<0.5	<10	<1.0	<1.0	**2.5**	<5.0	<1.0
			Quarterly Monitoring	12/4/2006	<1.0	**450**	150	**0.40**	**8.2**	<1.0	**10**	<1.0	<0.5	<10	<1.0	<1.0	**1.9**	<5.0	<1.0
IRZMW004	Zone B	C	Baseline	10/7/2003	<250	**8,700**	<250	<250	<250	<250	**81 J**	<250	<250	<2,500	<250	<250	**110 J**	<1,200	<250
			Alt. Amend. Monitoring	12/14/2004	<170	**6,600**	<170	<170	<170	<170	**96 J**	<170	<170	<1,700	<170	<170	**120 J**	<830	<170
			Week 12	1/5/2005	<100	**5,600**	<100	<100	<100	<100	**71 J**	<100	<100	<1,000	<100	<100	**74 J**	<500	<100
			Alt. Amend. Monitoring	1/14/2005	**76 J**	**5,800**	<120	<120	<120	<120	**48 J**	<120	<120	**480 J**	<120	<120	**140**	<620	<120
			Alt. Amend. Monitoring	2/11/2005	<100	**6,200**	<100	<100	<100	<100	**82 J**	<100	<100	<1,000	<100	<100	**60 J**	<500	<100
			Week 21	3/20/2005	<120	**6,600**	**48 J**	<120	<120	<120	**73 J**	<120	<120	<1,200	<120	<120	**46 J**	<620	<120
			Week 36	6/15/2005	<120	**7,100**	**840**	<120	<120	<120	**110 J**	<120	<120	<1,200	<120	<120	**83 J**	<620	<120
			Quarterly Monitoring	9/21/2005	<50	**470**	**3,500**	<50	**240**	<50	**50**	<50	<50	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	12/21/2005	<50	**3,800**	**670**	<50	**52**	<50	**59**	<50	<50	<500	<50	<50	**49 J**	<250	<50
			Quarterly Monitoring	3/22/2006	**2.2**	**3,900**	**1,200**	**30**	<0.5	**0.61J**	**48**	**0.59J**	<0.5	<10	**1.1**	<1.0	**36**	<5.0	<1.0
			Quarterly Monitoring (Duplicate)	3/22/2006	**1.9**	**3,600**	**1,300**	**17**	**58**	**0.61J**	**47**	**0.53J**	<0.5	<10	**1.0**	<1.0	**33**	<5.0	<1.0
			Quarterly Monitoring	6/15/2006	**1.4**	**2,400**	**3,800**	**12**	**44**	**0.51J**	**54**	**0.84J**	**0.35J**	<10	**1.6**	<1.0	**69**	<5.0	**2.1**
			Quarterly Monitoring (Duplicate)	6/15/2006	**1.4**	**2,400**	**3,800**	**18**	**44**	**0.65J**	**54**	**1.0**	**0.37J**	<10	**1.6**	<1.0	**72**	<5.0	**2.2**
			Quarterly Monitoring	9/12/2006	<10	**250**	**4,400**	**13**	**500**	<10	**64**	<10	<5.0	<100	<10	<10	**23**	<50	**20.0**
			Quarterly Monitoring (Duplicate)	9/12/2006	<10	**240**	**3,800**	**12**	**480**	<10	**66**	<10	<5.0	<100	<10	<10	**24**	<50	**16.0**
			Quarterly Monitoring	12/6/2006	<10	**1,200**	**3,000**	**8.0J**	**620**	<10	**41**	<10	<5.0	<100	<10	<10	**81**	<50	<10
CMW026	Zone B	A	Baseline	10/7/2003	<25	**1,200**	<25	<25	<25	<25	**65**	<25	<25	<250	<25	<25	**21 J**	<120	<25
			Week 6	11/19/2004	<5	**35**	**280**	**2.6 J**	<5.0	<5	**41**	**1.5 J**	<5	<50	<5	<5	<5	<25	<5
			Week 12	1/5/2005	<1.0	**6.5**	**17**	<1.0	<1.0	<1.0	**3.8**	<1.0	<1.0	**6.6 J**	<1.0	<1.0	<1.0	<5	<1.0
			Week 16	1/28/2005	<2.5	**30**	**160**	**1.2 J**	<2.5	<2.5	**16**	**0.71 J**	**11 J**	**11 J**	<2.5	<2.5	<2.5	**14**	<2.5
			Week 21	3/19/2005	<1.0	**3.8**	**40**	**0.47 J**	<1	<1	**11**	<1	<1	19	<1	<1	<1	<5	<1
			Quarterly Monitoring	9/22/2005	<1.0	**24**	**91**	**1.1**	<1	<1	**18**	**0.44 J**	<1	<10	<1	<1	<1	<5	<1
			Quarterly Monitoring	12/21/2005	<1.0	**4.8**	**29**	<1	<1	<1	**4.8**	<1	<1	<10	<1	**2.4**	<1	<5	<1
			Quarterly Monitoring	3/21/2006	<1.0	**12**	**43**	<1.0	<0.5	<1.0	**8.4**	**0.27J**	<0.5	<10	<1.0	<1.0	<1.0	<5.0	<1.0
			Quarterly Monitoring	6/14/2006	<1.0	**2.6**	**68**	**0.30J**	**16**	<1.0	**4.8**	<1.0	<0.5	<10	<1.0	**0.43J**	<1.0	<5.0	<1.0
			Quarterly Monitoring	9/8/2006	<1.0	**47**	**580**	**3.1**	**110**	<1.0	**93**	4.10	1.90	<10	0.34J	<1.0	<1.0	<5.0	<1.0
			Quarterly Monitoring	12/6/2006	<1.0	**5.1**	**320**	**200**	**200**	<1.0	**32**	1.70	0.71	<10	0.33J	**1.1**	<1.0	<5.0	<1.0

Table 3
Volatile Organic Compound (VOC) Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	PCE (µg/L)	TCE (µg/L)	cis-1,2-DCE (µg/L)	trans-1,2-DCE (µg/L)	Vinyl Chloride (µg/L)	1,1,2-TCA (µg/L)	1,1-DCE (µg/L)	1,1-DCA (µg/L)	1,2-DCA (µg/L)	Acetone (µg/L)	Benzene (µg/L)	Chlorobenzene (µg/L)	Chloroform (µg/L)	Methyl Ethyl Ketone (µg/L)	Methylene Chloride (µg/L)
EPA Analytical Method					8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B	8260B
IRZCMW003	Zone C	B	Baseline	10/7/2003	<100	**2,900**	<100	<100	<100	<100	**83 J**	<100	<100	<1,000	<100	<100	**36 J**	<500	**89 J**
			Week 12	1/5/2005	<100	**4,300**	<100	<100	<100	<100	**46 J**	<100	<100	<1,000	<100	<100	<100	<500	<100
			Week 16	1/28/2005	<100	**5,000**	**44 J**	<100	<100	<100	**49 J**	<100	<100	<1,000	<100	<100	<100	<500	<100
			Week 21	3/19/2005	<120	**5,700**	**350**	<120	<120	<120	**69 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Quarterly Monitoring	9/22/2005	<50	**3,900**	**1,700**	<50	<50	<50	**59**	<50	<50	<500	<50	<50	**16 J**	<250	<50
			Quarterly Monitoring	12/21/2005	<50	**4,400**	**1,100**	<50	<50	<50	**52**	<50	<50	<500	<50	<50	**16 J**	<250	<50
			Quarterly Monitoring	3/22/2006	**2.4**	**6,100**	**390**	**33**	**0.75**	**0.54**	**29**	**1.2**	**0.44J**	<10	<1.0	<2.0	**20**	<5.0	<1.0
			Quarterly Monitoring	6/15/2006	**1.9J**	**8,500**	**810**	**3.7J**	**6.2**	<4.0	**52**	<4.0	<2.0	<40	<4.0	<4.0	**17**	<20	**3.8J**
			Quarterly Monitoring	9/12/2006	**1.4J**	**5,800**	**420**	**3.3**	**20**	<2.5	**45**	0.78J	<1.2	<25	<2.5	<2.5	**12**	<12	<2.5
			Quarterly Monitoring	12/6/2006	<100	**8,400**	**490**	<100	<50	<100	<100	<100	<50	<1000	<100	45J	<100	<500	<100
IRZCMW002	Zone C	C	Baseline	10/8/2003	<100	**4,600**	<100	<100	<100	<100	**39 J**	<100	<100	<1,000	<100	<100	**36 J**	<500	<100
			Week 12	1/5/2005	<120	**5,200**	<120	<120	<120	<120	<120	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 21	3/19/2005	<120	**7,700**	<120	<120	<120	<120	**38 J**	<120	<120	<1,200	<120	<120	<120	<620	<120
			Week 36	6/15/2005	<50	**87**	**4,800**	**25 J**	<50	<50	**32 J**	<50	<50	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	9/22/2005	<100	**360**	<100	<100	<100	<100	<100	<100	<100	<1,000	**42 J**	**7,900**	<100	<500	<100
			Quarterly Monitoring	12/21/2005	<50	**43 J**	**3,100**	**18 J**	<50	<50	**18 J**	<50	<50	<500	<50	<50	<50	<250	<50
			Quarterly Monitoring	3/22/2006	<4.0	**510**	**2,100**	**18**	**410**	<4.0	**25**	<4.0	<2.0	**62**	<4.0	<4.0	<4.0	**1,500**	<4.0
			Quarterly Monitoring	6/16/2006	<5.0	**1.8J**	**24**	**13**	**1,300**	<5.0	<5.0	<5.0	<2.5	**22J**	<5.0	<5.0	<5.0	<25	**10**
			Quarterly Monitoring	9/11/2006	<2.0	**3.7**	**2.3**	**8.2**	**1,000**	<2.0	1.5J	<2.0	<1.0	<20	<2.0	2.6	<2.0	<10	**1.5J**
			Quarterly Monitoring	12/4/2006	<1.0	**2.3**	**14**	**8.9**	**1,300**	<1.0	<1.0	<1.0	<1.0	<10	<1.0	29	<1.0	<5.0	<1.0
CMW001	Zone C	C	Baseline	10/9/2003	<120	<120	<120	<120	<120	<120	<120	<120	<120	<1,200	<120	**7,300**	**60 J**	<620	<120
			Week 12	1/5/2005	<250	<250	<250	<250	<250	<250	<250	<250	<250	<2,500	<250	**12,000**	<250	<1,200	<250
			Week 21	3/18/2005	<400	<400	<400	<400	<400	<400	<400	<400	<400	<4,000	<400	**15,000**	<400	<2,000	<400
			Week 36	6/15/2005	<120	<120	<120	<120	<120	<120	<120	<120	<120	<1,200	<120	**9,000**	<120	<620	<120
			Quarterly Monitoring	9/22/2005	<120	<120	<120	<120	<120	<120	<120	<120	<120	<1,200	<120	**11,000**	<120	<620	<120
			Quarterly Monitoring	12/21/2005	<120	<120	<120	<120	<120	<120	<120	<120	<120	<1,200	<120	**6,900**	<120	<620	<120
			Quarterly Monitoring	3/14/2006	**2.00**	**5.80**	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<0.5	<10	<1.0	**10,000**	**0.40J**	<5.0	<1.0
			Quarterly Monitoring	6/13/2006	**1.3**	**4.5**	<1.0	<1.0	<0.5	<1.0	<1.0	<1.0	<0.5	<10	**11**	**5,500**	<1.0	<5.0	<1.0
			Quarterly Monitoring	9/6/2006	<10	**4.9**	<10	<10	<0.5	<10.0	<10	<10.0	<5.0	<100	**15**	**6,800**	<10	<50	**7.30**
			Quarterly Monitoring	9/6/2006	<10	**4.9J**	<10	<10	<5.0	<10	<10	<10	<5.0	<100	**15**	**6,800**	<10	<50	**7.3J**
			Quarterly Monitoring	12/4/2006	0.80J	**3.3**	0.32J	<1.0	<0.5	<1.0	<1.0	<1.0	<0.5	<10	**10**	**5,700**	<1.0	<5.0	<1.0
CMW002	Zone C	C	Baseline	10/8/2003	<100	**460**	<100	<100	<100	<100	<100	<100	<100	<1,000	<100	**3,600**	<100	<500	<100
			Week 12	1/3/2005	<120	**330**	<120	<120	<120	<120	<120	<120	<120	<1,200	<120	**4,900**	<120	<620	<120
			Week 21	3/18/2005	<100	**390**	<100	<100	<100	<100	<100	<100	<100	<1,000	**38 J**	**6,300**	<100	<500	<100
			Week 36	6/15/2005	<100	**430**	<100	<100	<100	<100	<100	<100	<100	<1,000	<100	**7,400**	<100	<500	<100
			Quarterly Monitoring	9/22/2005	<100	**100**	**5,800**	<100	<100	<100	**32 J**	<100	<100	<1,000	<100	<100	<100	<500	<100
			Quarterly Monitoring	12/21/2005	<100	**340**	<100	<100	<100	<100	<100	<100	<100	<1,000	**56 J**	**6,500**	<100	<500	<100
			Quarterly Monitoring	3/22/2006	**3.2**	**330**	**11**	<2.0	<1.0	<2.0	**1.5J**	<2.0	<1.0	<20	**70**	**6,900**	**1.2J**	<10	<2.0
			Quarterly Monitoring	6/14/2006	**2.7**	**400**	**3**	<1.0	<0.5	<1.0	**1.2**	<1.0	<0.5	<10	**57**	**9,200**	**1.2**	<5.0	<1.0
			Quarterly Monitoring	9/11/2006	<20	**410**	<20	<20	<10	<20	<20	<20	<10	<200	**67**	**9,700**	<20	<100	36
			Quarterly Monitoring	12/6/2006	<20	**340**	<20	<20	<10	<20	<20	<20	<10	<200	**63**	**8,600**	<20	<100	<20
IRZCMW001	Zone C	D	Baseline	10/8/2003	<62	**1,300**	**22 J**	<62	<62	<62	**350**	**13 J**	<62	**210 J**	<62	<62	**76**	<310	<62
			Week 6	11/18/2004	<12	**920**	**15**	**6.3 J**	<12	**4.7 J**	**200**	**8.6 J**	**6.4 J**	<120	<12	<12	**44**	<62	<12
			Week 12	1/4/2005	<25	**1,000**	**16 J**	<25	<25	<12	**250**	**8.4 J**	<25	<250	<25	<25	**41**	<120	<25
			Week 21	3/19/2005	<25	**1,600**	**24 J**	**12 J**	<25	**8.6 J**	**420**	**15 J**	**11 J**	<250	<25	<25	**55**	<120	<25
			Quarterly Monitoring	9/22/2005	<20	**1,500**	**39**	**8.3 J**	<20	<20	**510**	**16 J**	**10 J**	<200	<20	<20	**9.5 J**	<100	<20
			Quarterly Monitoring	12/21/2005	<10	**930**	**24**	**4.0 J**	<10	<10	**250**	**9.3 J**	**4.8 J**	<100	<10	<10	**3.1 J**	<50	<10
			Quarterly Monitoring	3/21/2006	**0.80J**	**1,500**	**44**	**6.70**	**7.3**	**6.6**	**420**	**12**	**11**	<10	**0.8J**	**2**	**12**	<5.0	**1.2**
			Quarterly Monitoring	6/14/2006	**0.52J**	**1,400**	**72**	**5.10**	**16**	**7.2**	**720**	**15**	**13**	<10	**0.61J**	**0.65J**	**6.3**	<5.0	<10
			Quarterly Monitoring	9/11/2006	**2.8J**	**1,100**	**24**	**8.20**	**7.2**	**10.0**	**420**	**17**	**17**	<40	<4.0	<4.0	**8.3**	<20	<4.0
			Quarterly Monitoring	12/6/2006	<5.0	**1,700**	**38**	**9.90**	**3.8**	**12.0**	**540**	**19**	**16**	<50	<5.0	<5.0	**12.0**	<25	<5.0

Notes:

Selected compounds are detected in one or more groundwater samples

Group A: wells located within the estimated injection area

Group B: wells located at the estimated edge of the injection area

Group C: wells located downgradient of the treatment area

Group D: wells located upgradient of the treatment area

PCE - tetrachloroethene

TCE - trichloroethene

DCE - dichloroethene

TCA - trichloroethane

DCA - dichloroethane

µg/L - micrograms per liter

J - estimated result less than reporting limit

JB - acetone detected at 11 ug/L in trip blank

[(a)]2-Hexanone was also detected at a concentration of 2,000 ug/L.

[(b)]Methyl tert-butyl ether was also detected at an estimated concentration of 3.9 ug/L.

NS - not sampled

< - not detected above indicated reporting limit

Table 4
Permanent Gas Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Dissolved Oxygen (mg/L)	Carbon Dioxide (mg/L)	Nitrogen (mg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)
Analytical Method					RSK 175	RSK 175	RSK 175	RSK 175	RSK 175	RSK 175
IRZB0081	Zone B	A	Baseline	10/9/2003	3.7	16.9	12.6	<0.2	0.06	0.11
			Week 12	1/5/2005	2.0	750	6.8	184	0.03	0.10
			Week 16	1/28/2005	<0.25	800	5.3	3.1	0.12	0.20
			Week 21	3/20/2005	0.34	790	5.7	5,300	0.03	0.17
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/7/2006	NS	NS	NS	NS	NS	NS
IRZB0095	Zone B	A	Baseline	10/7/2003	2.7	14.0	8.7	<0.2	0.05	0.08
			Week 6	11/19/2004	2.9	10.8	7.8	1.1	0.02	0.02
			Week 12	1/5/2005	0.30	253	6.0	3.9	0.05	0.25
			Week 16	1/28/2005	0.47	320	12	0.19	0.86	0.41
			Week 21	3/20/2005	2.7	160	23	3,100	0.01	0.34
			Quarterly	3/21/2006	NS	55	82	12,000	<2.0	4.10
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/7/2006	NS	NS	NS	NS	NS	NS
IRZMW001A	Zone B	A	Baseline	10/30/2003	1.2	27	10	2.9	0.07	0.05
			Week 6	11/18/2004	0.48	27	3.7	1.8	0.01	<0.01
			Week 12	1/4/2005	0.49	42	5.9	488	0.01	0.02
			Week 16	1/27/2005	2.0	55	16	2.6	0.03	0.09
			Week 21	3/19/2005	3.3	74	18	5,600	<0.005	<0.005
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
IRZMW001B	Zone B	A	Baseline	10/30/2003	4.1	21	12	0.4	0.04	0.02
			Week 6	11/18/2004	3.3	15	7.9	<0.2	0.01	<0.01
			Week 12	1/4/2005	4.9	17	12	0.3	0.02	0.01
			Week 16	1/27/2005	NS	NS	NS	NS	NS	NS
			Week 21	3/19/2005	8.8	26	22	74	0.03	0.02
			Quarterly	3/21/2006	NS	72	97	1800	<2.0	<3.0
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS
IRZMW002A	Zone B	A	Baseline	10/30/2003	0.62	39	8.7	4.0	1.2	3.3
			Week 6	11/18/2004	0.53	103	2.5	5.2	0.02	0.12
			Week 12	1/4/2005	1.8	48	5.2	5.0	0.04	0.25
			Week 16	1/27/2005	5.1	53	17	0.02	0.08	0.07
			Week 21	3/19/2005	5.6	66	18	230	0.08	1.1
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
IRZMW002B	Zone B	A	Baseline	10/30/2003	3.4	17	16	6.0	1.3	2.1
			Week 6	11/18/2004	1.6	14	4.7	1.3	0.02	0.02
			Week 12	1/4/2005	3.2	17	9.4	1.8	0.02	0.01
			Week 16	1/27/2005	4.5	20	16	0.01	0.04	0.18
			Week 21	3/19/2005	3.0	91	26	24	0.07	0.12
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS
IRZMW005	Zone B	A	Baseline	10/9/2003	5.0	16	14	<0.2	0.06	0.07
			Week 6	11/19/2004	0.24	208	3.6	234	<0.01	0.02
			Week 12	1/5/2005	2.8	362	15	3,998	0.03	0.32
			Week 16	1/28/2005	0.81	270	13	3.6	0.07	0.25
			Week 21	3/20/2005	2.3	380	14	10,000	<0.005	0.79
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
IRZMW003A	Zone B	B	Baseline	10/31/2003	3.1	25	16	0.5	0.17	0.10
			Week 12	1/4/2005	3.6	156	16	913	0.01	0.08
			Week 16	1/27/2005	2.5	160	15	3.1	<0.005	0.09
			Week 21	3/19/2005	5.9	150	26	3,600	<0.005	0.04
			Quarterly	9/13/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS

Table 4
Permanent Gas Analytical Results
Former Building 2 Area, Boeing C-6 Facility

Well Number	Screened Zone	Well Group	Sampling Event	Sample Date	Dissolved Oxygen (mg/L)	Carbon Dioxide (mg/L)	Nitrogen (mg/L)	Methane (µg/L)	Ethane (µg/L)	Ethene (µg/L)
Analytical Method					RSK 175	RSK 175	RSK 175	RSK 175	RSK 175	RSK 175
IRZMW003B	Zone B	B	Baseline	10/31/2003	3.7	18	12	0.7	0.09	0.08
			Week 12	1/4/2005	4.0	18	12	32	0.01	0.01
			Week 16	1/27/2005	7.0	20	22	0.01	<0.005	0.03
			Week 21	3/19/2005	6.6	21	24	92	0.02	0.02
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS
IRZMW004	Zone B	C	Baseline	10/7/2003	2.7	15	8.4	0.30	0.05	0.06
			Week 12	1/5/2005	3.1	17	10	2.2	0.02	0.01
			Week 21	3/20/2005	6.5	38	27	21	0.08	0.22
			Week 36	6/15/2005	2.9	42	20	67	0.05	0.12
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
CMW026	Zone C	A	Baseline	10/7/2003	2.5	6.7	15	0.90	0.52	0.04
			Week 6	11/19/2004	0.27	14	8.2	1,994	<0.01	0.21
			Week 12	1/5/2005	0.89	3.4	5.5	2,038	<0.005	0.11
			Week 16	1/28/2005	2.4	45	11	17	<0.005	0.42
			Week 21	3/19/2005	7.6	7.8	25	2,100	0.01	0.35
			Quarterly	3/21/2006	NS	3.5	110	2,400	<2.0	<3.0
			Quarterly	9/8/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
IRZCMW003	Zone C	B	Baseline	10/7/2003	1.1	7.1	12	1.6	0.95	0.88
			Week 12	1/5/2005	0.93	12	15	4.3	0.02	0.05
			Week 16	1/28/2005	3.2	11	21	0.01	0.08	0.11
			Week 21	3/19/2005	5.8	13	33	22	0.04	0.17
			Quarterly	9/12/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
IRZCMW002	Zone C	C	Baseline	10/8/2003	0.94	7.2	15	0.6	0.43	1.2
			Week 12	1/5/2005	0.83	6.8	9.9	0.3	0.03	0.02
			Week 21	3/19/2005	1.9	5.5	26	4.9	0.08	0.51
			Week 36	6/15/2005	0.8	30	17	59	0.09	0.67
			Quarterly	3/22/2006	NS	180	52	12000	<2.0	<3.0
			Quarterly	9/11/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS
CMW001	Zone C	C	Baseline	10/9/2003	1.7	9.1	13	4.8	1.5	2.3
			Week 12	1/5/2005	0.94	12	10	13	0.25	0.44
			Week 21	3/18/2005	3.1	15	22	22	0.42	0.35
			Week 36	6/15/2005	2.3	10	19	6.3	0.22	0.30
			Quarterly	9/6/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/4/2006	NS	NS	NS	NS	NS	NS
CMW002	Zone C	C	Baseline	10/8/2003	2.5	11	16	0.90	0.14	1.04
			Week 12	1/3/2005	1.1	12	11	0.80	0.13	0.12
			Week 21	3/18/2005	5.9	15	31	14	0.24	0.08
			Week 36	6/15/2005	4.4	15	21	3.3	0.24	0.07
			Quarterly	3/22/2006	NS	NS	110	1.6	<2.0	<2.0
			Quarterly	9/11/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS
IRZCMW001	Zone C	D	Baseline	10/8/2003	3.1	13	15	0.3	0.11	0.18
			Week 6	11/18/2004	0.98	13	7.1	503	<0.01	0.07
			Week 12	1/4/2005	0.72	17	11	6,810	<0.005	0.18
			Week 21	3/19/2005	3.3	19	16	11,000	<0.005	0.31
			Quarterly	9/11/2006	NS	NS	NS	NS	NS	NS
			Quarterly	12/6/2006	NS	NS	NS	NS	NS	NS

Notes:

Selected compounds are detected in one or more groundwater samples

Group A: wells located within the estimated injection area

Group B: wells located at the estimated edge of the injection area

Group C: wells located downgradient of the treatment area

Group D: wells located upgradient of the treatment area

mg/L - milligrams per liter

µg/L - micrograms per liter

< - Not detected above indicated reporting limit

NS - Not Sampled