



Technical Memorandum

First Quarter 2010 Monitoring Summary

National Aeronautics and Space Administration

Jet Propulsion Laboratory, Pasadena, California

Final

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This technical memorandum summarizes the results for the first quarter 2010 groundwater sampling event completed as part of the groundwater monitoring program at the National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory (JPL).

INTRODUCTION

During the first quarter 2010 sampling event, groundwater samples were collected from 23 JPL monitoring wells (MWs), both on- and off-facility, and analyzed for volatile organic compounds (VOCs), total chromium, hexavalent chromium [Cr(VI)], and perchlorate.

Groundwater samples were shipped to Alpha Analytical Services, Inc., in Sparks, Nevada, and Columbia Analytical Services (CAS) in Simi Valley, California, for chemical analysis. Alpha Analytical Services, Inc. and CAS are certified by the California Department of Public Health (DPH). Sample collection procedures and sample analyses were conducted in accordance with the approved *Work Plan for Performing a Remedial Investigation/Feasibility Study*.¹ No reported data were rejected for non-compliance with method requirements during the course of validation and no reported data were deemed unusable.

Table 1 summarizes analytical results for VOCs and perchlorate and Table 2 summarizes analytical results for metals during the most recent four quarters. Table 3 summarizes VOC and perchlorate concentrations in production wells located near the JPL facility during the most recent four quarters. The tentatively identified compound (TIC) results are presented in Table 4.

Several figures are included in this technical memorandum to show the chemical concentrations detected in samples collected from the JPL monitoring wells during the first quarter 2010 sampling event. Figure 2 shows the lateral extent of carbon tetrachloride concentrations in groundwater, and Figure 3 includes a cross-section detailing the horizontal and vertical extent of carbon tetrachloride. Figure 4 shows the lateral extent of perchlorate concentrations in groundwater, and Figure 5 includes a cross-section detailing the horizontal and vertical extent of perchlorate in groundwater. Figure 6 shows the lateral extent of tetrachloroethene (PCE) concentrations in groundwater. Figure 7 shows the lateral extent of trichloroethene (TCE) concentrations in groundwater and Figure 8 shows groundwater elevation contours and groundwater flow directions.

For this technical memorandum, the groundwater monitoring wells have been grouped into four categories:

- On-facility source area wells (MW-7, MW-13, MW-16, and MW-24);
- Other on-facility wells (MW-6, MW-8, MW-11, MW-22, and MW-23);
- Perimeter off-facility wells (MW-3, MW-4, MW-5, MW-10, MW-12, MW-14, and MW-15); and

¹ Ebasco. 1993. *Work Plan for Performing a Remedial Investigation/Feasibility Study*, National Aeronautics and Space Administration Jet Propulsion Laboratory, Pasadena, California. December.

- Off-facility wells (MW-17, MW-18, MW-19, MW-20, MW-21, MW-25, and MW-26).

Well MW-2 has not been sampled for the groundwater monitoring program since it was replaced with well MW-14.

ON-FACILITY SOURCE AREA WELLS

On-facility source area wells consist of wells which have historically contained the highest concentration of site-related chemicals. This group of wells is located within the JPL facility (on-facility) and consists of monitoring wells MW-7, MW-13, MW-16, and MW-24.

In March 2005, NASA began full-scale operation of a groundwater treatment system located in the vicinity of MW-7. The treatment system was designed to extract groundwater from the area within the JPL facility which has historically contained the highest concentrations of perchlorate and VOCs (i.e., the source area). The groundwater is treated at an aboveground treatment facility to remove perchlorate and VOCs, filtered to remove residual solids, and then re-injected at a location north (i.e., upgradient) of wells MW-7 and MW-24. The Operable Unit (OU) -1 source area treatment system expansion activities were completed at the end of January 2008. The expansion addresses chemicals in the groundwater that are in the vicinity of MW-16 and MW-24. Operation of the source area treatment system appears to have resulted in a significant reduction of chemicals of interest in wells MW-7, MW-16 and MW-24, which are located within the treatment zone. Additional details regarding chemical concentrations in these wells are discussed later in this memorandum.

PERCHLORATE ANALYTICAL RESULTS

- During the first quarter 2010 sampling event, concentrations of perchlorate in excess of the state maximum contaminant level (MCL) (6.0 micrograms per liter [$\mu\text{g/L}$]) were reported in samples collected from well MW-24 (Screens 1 [232 $\mu\text{g/L}$] and 2 [9.8 $\mu\text{g/L}$]).
- Perchlorate was detected in MW-13 (5.0 $\mu\text{g/L}$) and MW-16 (3.8 $\mu\text{g/L}$) below the state MCL of 6.0 $\mu\text{g/L}$.
- Perchlorate concentrations increased in MW-16 from the fourth quarter 2009 to the first quarter 2010 (non-detect to 3.8 $\mu\text{g/L}$) and MW-24 (Screens 1 [1.1 $\mu\text{g/L}$] estimated concentration to 232 $\mu\text{g/L}$] and 2 [2.6 $\mu\text{g/L}$] estimated concentration to 9.8 $\mu\text{g/L}$).
- Perchlorate concentrations decreased from the fourth quarter 2009 to the first quarter 2010 in MW-13 (182 $\mu\text{g/L}$ to 5.0 $\mu\text{g/L}$) and MW-24 (Screen 3 [27.9 $\mu\text{g/L}$] to non-detect]).
- Perchlorate concentrations in MW-7 and MW-24 (Screens 4 and 5) were non-detect during the first quarter 2010, with a reporting limit of 1.0 $\mu\text{g/L}$.

VOC ANALYTICAL RESULTS

- During the first quarter 2010, concentrations of carbon tetrachloride in excess of the state MCL (0.5 $\mu\text{g/L}$) were detected in MW-24 (Screen 1), with a concentration of 0.8 $\mu\text{g/L}$.
- From the fourth quarter 2009 to the first quarter 2010, carbon tetrachloride concentrations increased in MW-24 (Screen 1 [non-detect to 0.8 $\mu\text{g/L}$]).
- TCE concentrations in the on-facility source wells were non-detect during the first quarter 2010 sampling event, with a reporting limit of 0.5 $\mu\text{g/L}$.
- PCE was detected in MW-13 at 2.0 $\mu\text{g/L}$ and MW-24 (Screen 1) at 1.7 $\mu\text{g/L}$, which are below the state and federal MCL of 5.0 $\mu\text{g/L}$.

OTHER NOTABLE DETECTIONS

- During the first quarter 2010, Cr(VI)² was not detected in any of the on-facility wells.
- Total chromium was detected at MW-24 Screen 1 (25.0 µg/L) below the state MCL of 50.0 µg/L.

OTHER ON-FACILITY WELLS

This well group consists of monitoring wells MW-6, MW-8, MW-11, MW-22, and MW-23. These wells are located on the JPL facility but outside the source area.

PERCHLORATE ANALYTICAL RESULTS

- Perchlorate was detected in wells MW-6 (2.7 µg/L), MW-8 (194 µg/L), MW-11 (Screen 1 [1.1 µg/L], MW-22 (Screens 1 [2.6 µg/L], 2 [2.1 µg/L], and 3 [2.7 µg/L] and MW-23 (Screens 1 [2.8 µg/L] and 2 [3.7 µg/L]); however, MW-8 was the only well to exceed the state MCL of 6.0 µg/L.
- Perchlorate concentrations in MW-8 decreased from 203 µg/L during the fourth quarter 2009 to 194 µg/L in the first quarter 2010. From the fourth quarter 2006 to the first quarter 2010, perchlorate concentrations in MW-8 have fluctuated from a low of non-detect (first quarter 2009) to a high of 310 µg/L (first quarter 2008).
- Perchlorate was not detected in MW-11 (Screens 2, 3 and 4) and MW-23 (Screen 3) with a reporting limit of 1.0 µg/L.

VOC ANALYTICAL RESULTS

- Carbon tetrachloride was not detected in any of the other on-facility wells during the first quarter 2010.
- TCE was detected below the state and federal MCL of 5.0 µg/L in MW-6 (4.0 µg/L), MW-22 (Screen 1 [1.1 µg/L]) and MW-23 (Screens 1 [3.2 µg/L] and 2 [1.2 µg/L]).
- PCE was detected in wells MW-6 [1.1 µg/L], MW-22 (Screen 1 [1.1 µg/L]) and MW-23 (Screen 1 [0.6 µg/L]); however, the state and federal MCL for PCE (5.0 µg/L) was not exceeded in any of these wells.

OTHER NOTABLE DETECTIONS

- During the first quarter of 2010, Cr(VI) was not detected in any of the other on-facility wells with a reporting limit of 10 µg/L.
- During the first quarter of 2010, total chromium was not detected in any of the other on-facility wells with a reporting limit of 5.0 µg/L.

PERIMETER OFF-FACILITY WELLS

The perimeter off-facility wells are located near the JPL fence line along the perimeter of the property. This group of wells consists of MW-3, MW-4, MW-5, MW-10, MW-12, MW-14, and MW-15.

PERCHLORATE ANALYTICAL RESULTS

² California DPH released a draft Public Health Goal (PHG) for hexavalent chromium of 0.06 µg/L on August 20, 2009.

- During the first quarter 2010, perchlorate was detected in five of the perimeter off-facility wells, including MW-3 (Screen 2), MW-4 (Screens 1 and 2), MW-10, MW-12 (Screens 2, 4 and 5) and MW-14 (Screens 1, 2, 3 and 4). Perchlorate concentrations exceeded the state MCL in MW-3 (Screen 2 [184 µg/L]), and MW-14 (Screen 3 [6.6 µg/L]).
- Perchlorate concentrations in MW-3 (Screen 2) increased from 109 µg/L during the fourth quarter 2009 to 184 µg/L during the first quarter 2010.
- Perchlorate concentrations in MW-4 (Screen 1) decreased from 96.0 µg/L during the fourth quarter 2009 to 4.1 µg/L during the first quarter 2010.
- Historically, the perchlorate concentration in MW-4 (Screen 1) has been non-detect; however, starting the first quarter of 2007, perchlorate concentrations have been present except for the second quarter of 2008 and the second and third quarters of 2009. Perchlorate results in MW-4 will continue to be closely evaluated during subsequent sampling events.
- In MW-5, the perchlorate concentrations decreased from 17.0 µg/L during the fourth quarter 2009 to non-detect in the first quarter 2010.
- In the first quarter 2010, perchlorate was detected at a concentration of 2.5 µg/L in MW-10. Perchlorate concentrations in this well have generally demonstrated a decreasing trend since July/September 2005.
- During the first quarter, perchlorate was detected at concentrations in MW-12 (Screens 2, 4 and 5) at 2.4 µg/L, 2.8 µg/L and 1.3 µg/L, respectively. However, no detection exceeded the state MCL of 6.0 µg/L. Historically, perchlorate in MW-12 is either non-detect, or detected at concentrations below the state MCL.
- Perchlorate concentrations were detected in four of the five screens within MW-14 during the first quarter 2010, including Screens 1 (3.0 µg/L), 2 (3.9 µg/L), 3 (6.6 µg/L) and 4 (3.9 µg/L); however, only the concentrations in Screen 3 exceeded the state MCL of 6.0 µg/L.
- Perchlorate was not detected in MW-3 (Screens 3 and 4), MW-4 (Screen 3), MW-5, MW-12 (Screens 1 and 3), and MW-14 (Screen 5) with a reporting limit of 1.0 µg/L.

VOC ANALYTICAL RESULTS

- During the first quarter 2010, carbon tetrachloride was detected in MW-12 (Screen 4) at a concentration in excess of the state MCL (0.5 µg/L). The detected concentration was 0.9 µg/L in MW-12 (Screen 4).
- During the first quarter 2010, TCE was detected in wells MW-4 (Screen 2), MW-10, MW-12 (Screen 3) and MW-14 (Screens 1, 2 and 3). Concentrations of TCE exceeded the state and federal MCL (5.0 µg/L) in MW-10 and MW-14 (Screen 2), with concentrations of 5.1 µg/L and 11.0 µg/L, respectively. Prior to the first quarter 2007, TCE concentrations in MW-10 had been consistently detected above the state and federal MCL of 5.0 µg/L.
- During the first quarter 2010, PCE was detected in MW-4 (Screen 2), MW-10 and MW-14 (Screens 2 and 3); however, no detection exceeded the state and federal MCL of 5.0 µg/L.

OTHER NOTABLE RESULTS

- During the first quarter 2010, Cr(VI) was not detected in any of the perimeter off-facility wells with a reporting limit of 10 µg/L.
- During the first quarter 2010, total chromium was not detected in any of the perimeter off-facility wells with a reporting limit of 5.0 µg/L.

OFF-FACILITY WELLS

The off-facility wells consist of monitoring wells MW-17, MW-18, MW-19, MW-20, MW-21, MW-25, and MW-26.

PERCHLORATE ANALYTICAL RESULTS

- During the first quarter 2010, concentrations of perchlorate in excess of the state MCL (6.0 µg/L) were reported in samples collected from five off-facility wells (MW-17 [Screen 3], MW-18 [Screens 2, 3 and 4], MW-19 [Screen 1], and MW-25 [Screens 1 through 4]).
- Perchlorate concentrations in MW-17 (Screen 3) remained stable with a concentration of 10.2 µg/L in the fourth quarter 2009 and 10.7 µg/L in the first quarter 2010.
- Perchlorate concentrations in MW-18 (Screen 2) increased from a concentration of 6.7 µg/L in the fourth quarter 2009 to 21.4 µg/L in the first quarter 2010. MW-18 (Screen 2) has been non-detect since it was first sampled in June/July 1997 until the fourth quarter of 2009 (6.7 µg/L). Therefore, perchlorate results in MW-18 (Screen 2) will continue to be closely evaluated during subsequent sampling events. Perchlorate concentrations in MW-18 (Screens 3 and 4) increased slightly from the fourth quarter 2009 to the first quarter 2010 (Screen 3 [43.0 µg/L to 45.1 µg/L] and 4 [52.9 µg/L to 60.1 µg/L]).
- Perchlorate in MW-19 (Screen 1) decreased slightly from a concentration of 7.1 in the fourth quarter 2009 to 6.7 in the first quarter 2010 and remained relatively stable through 2009, ranging from 5.3 µg/L to 7.1 µg/L. Historically, the perchlorate concentration in MW-19 (Screen 1) has been non-detect; however, starting the first quarter of 2008, perchlorate concentrations have been present except for the second and third quarter of 2008. Perchlorate results in MW-19 (Screen 1) will continue to be closely evaluated during subsequent sampling events.
- Concentrations in MW-20 (Screens 4 and 5) were non-detect for the first quarter 2010; however, concentrations have been above the state MCL in five of the last eight quarters. Historically, the perchlorate concentrations in MW-20 (Screens 1 through 5) have been non-detect with an occasional detection below the state MCL (6.0 µg/L), and some isolated perchlorate detections that exceeded the state MCL in MW-20 (Screens 1, 4 and 5) between 1998 and 2004. Perchlorate results in MW-20 will continue to be closely evaluated during subsequent sampling events.
- During the first quarter 2010, perchlorate concentrations in Screens 1, 2, 3, and 4 of MW-25 were detected above the state MCL (6.0 µg/L) at concentrations of 10.0 µg/L, 13.7 µg/L, 9.8 µg/L, and 7.3 µg/L, respectively.
- Perchlorate was detected at concentrations below the state MCL (6.0 µg/L) during the first quarter 2010 in MW-17 (Screen 2 [4.6 µg/L]), MW-19 (Screens 2 [5.4 µg/L], 3 [2.5 µg/L], 4 [2.7 µg/L] and 5 [2.8 µg/L]), MW-20 (Screen 2 [3.0 µg/L]), MW-21 (Screens 1 [2.5 µg/L], 2 [2.2 µg/L], 3 [2.8 µg/L], 4 [1.8 µg/L] and 5 [3.0 µg/L]) and MW-26 (Screen 1 [2.3 µg/L]).
- Concentrations of perchlorate were not detected in MW-17 (Screen 4), MW-18 (Screen 5), MW-20 (Screens 1, 3, 4 and 5), MW-25 (Screen 5) and MW-26 (Screen 2).

VOC ANALYTICAL RESULTS

- During the first quarter 2010, concentrations of carbon tetrachloride at or in excess of the state MCL (0.5 µg/L) were reported in samples collected from MW-17 (Screen 3) at 0.5 µg/L, as well as MW-18 (Screens 3 and 4), with concentrations of 17.0 µg/L and 10.0 µg/L, respectively.

- TCE was detected in five off-facility wells, including MW-17 (Screens 2 and 4), MW-18 (Screens 3 and 4), MW-19 (Screens 1 and 2), MW-20 (Screen 2), MW-21 (Screens 2 and 3) and MW-25 (Screen 1); however, none of the off-facility wells contained concentrations of TCE exceeding the state and federal MCL (5.0 µg/L) during the first quarter 2010.
- PCE was detected in five off-facility wells: MW-17 (Screen 2), MW-19 (Screens 2 and 5), MW-21 (Screens 2, 3, 4, and 5), MW-25 (Screen 3) and MW-26 (Screen 1); however, only MW-21 (Screen 3 [7.7 µg/L]) exceeded the state and federal MCL (5.0 µg/L) during the first quarter 2010.
- PCE concentrations in MW-21 (Screens 2 and 3) have typically been present above the state and federal MCL (5.0 µg/L) since the second quarter 2006.

OTHER NOTABLE DETECTIONS

- During the first quarter 2010, Cr(VI) was not detected in any of the other on-facility wells with a reporting limit of 10 µg/L.
- Total chromium was not detected in any of the other on-facility wells during the first quarter 2010 with a reporting limit of 5.0 µg/L.

ALL WELL CATEGORIES (OTHER RESULTS)

- The TIC sulfur dioxide was detected in several wells. The TIC results are presented in Table 4.
- Comparing the fourth quarter 2009 to the first quarter 2010, groundwater levels increased an average of approximately 6.3 ft. Groundwater levels in the first quarter 2010 sampling event continue to be higher than historical values, but have decreased by an average of 27.7 ft from the April 2005 highs.³
- Groundwater level measurements collected during the first quarter 2010 indicate that groundwater gradients and flow directions are generally consistent with previous observations (see Figure 8).

ATTACHMENTS

Attachments to this technical memorandum include the following:

- Attachment 1: Quality Assurance/Quality Control Summary
- Attachment 2: Data Validation Reports (Summary Sheets)
- Attachment 3: Laboratory Analytical Reports (Summary Sheets)
- Attachment 4: Field Logs
- Attachment 5: Water Level Measurements
- Attachment 6: Time-Series Concentration Plots
- Attachment 7: Tables 1A, 2A and 3A (Historical Perchlorate, VOCs and Metals from 1996 to present)

³ During the QA review of the first quarter 2010 memorandum, an error was discovered in the fourth quarter groundwater level text. The comparison between third quarter 2009 and fourth quarter 2009 was stated as a decrease of 21.9 ft, when the correct data were a decrease of approximately 5.2 ft. In addition, the text for the groundwater levels in the fourth quarter 2009 compared to the historical April 2005 highs was stated as a decrease by an average of 50.8 ft, whereas the correct decrease was an average of 34.0 ft. All of the supporting figures for the fourth quarter 2009 technical memorandum had the correct values described in this notation.

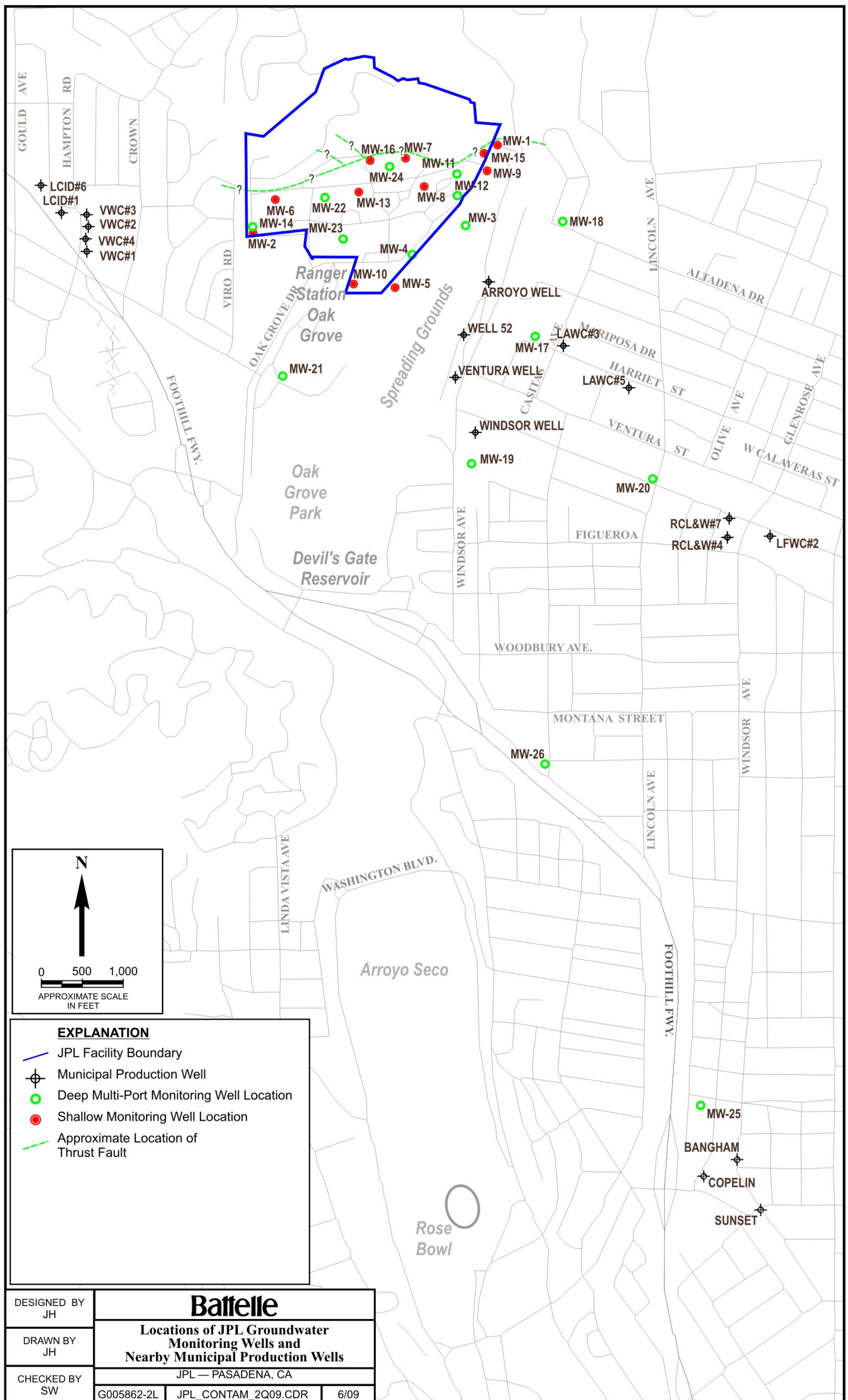


Figure 1.

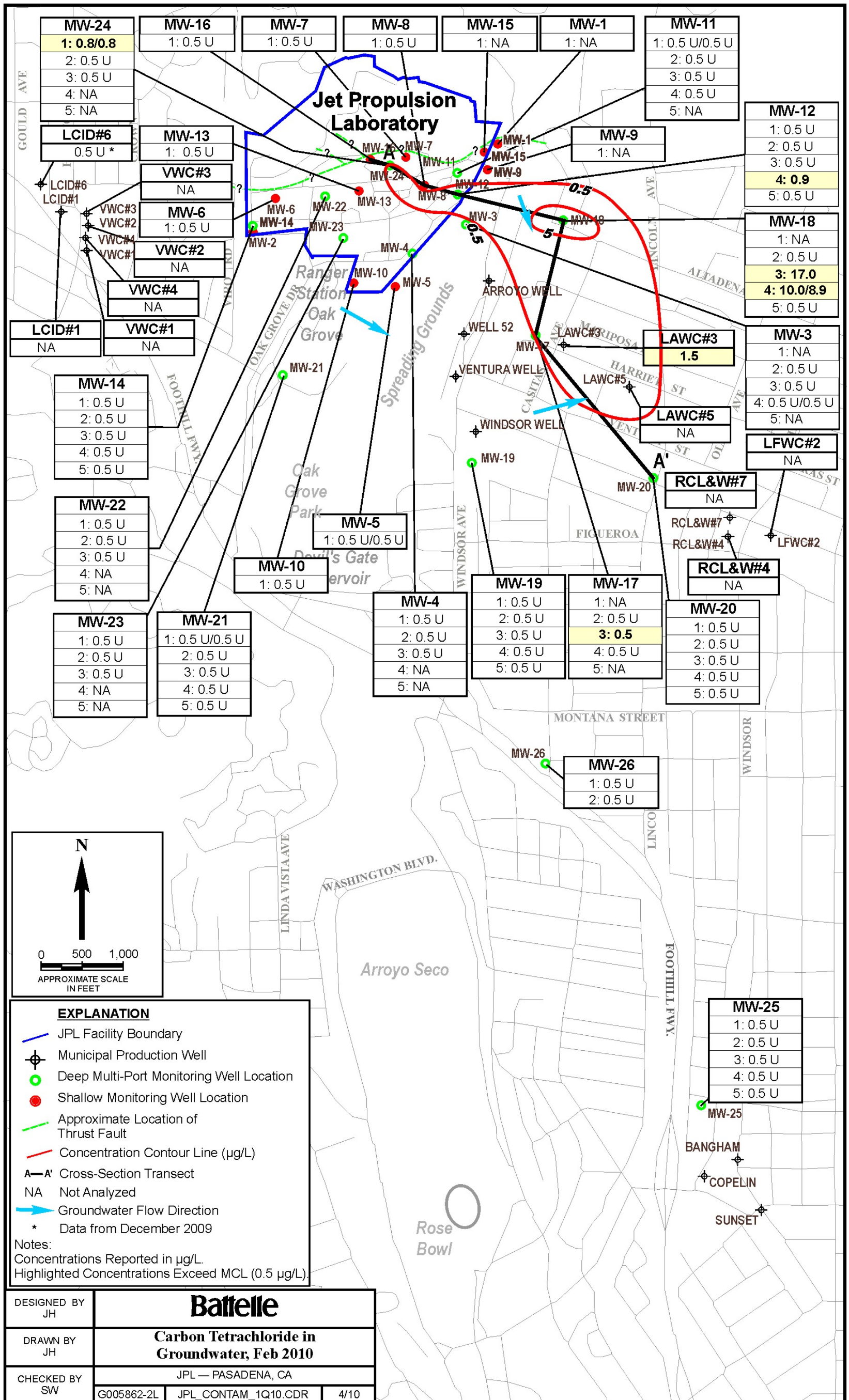


Figure 2.

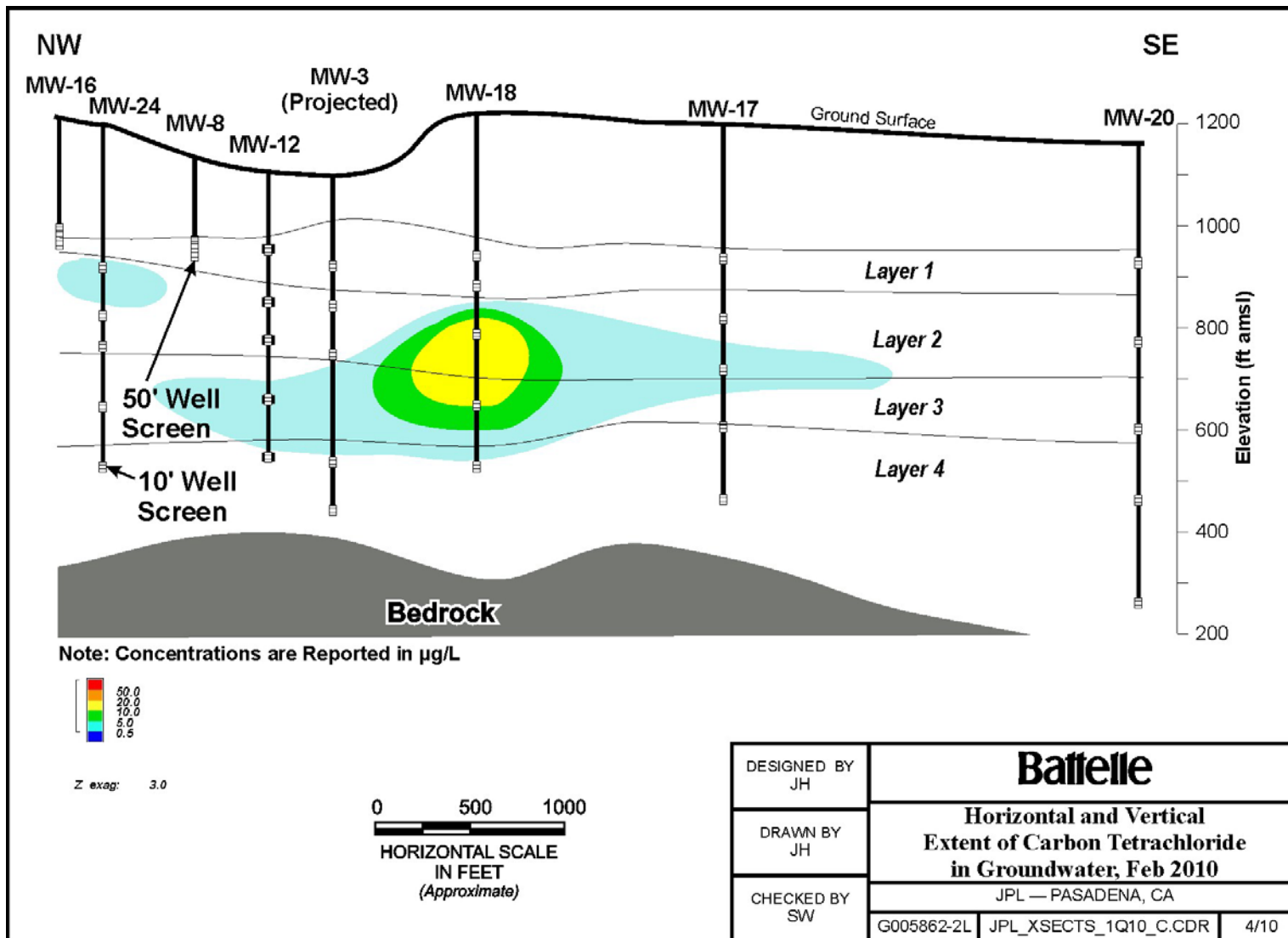


Figure 3.

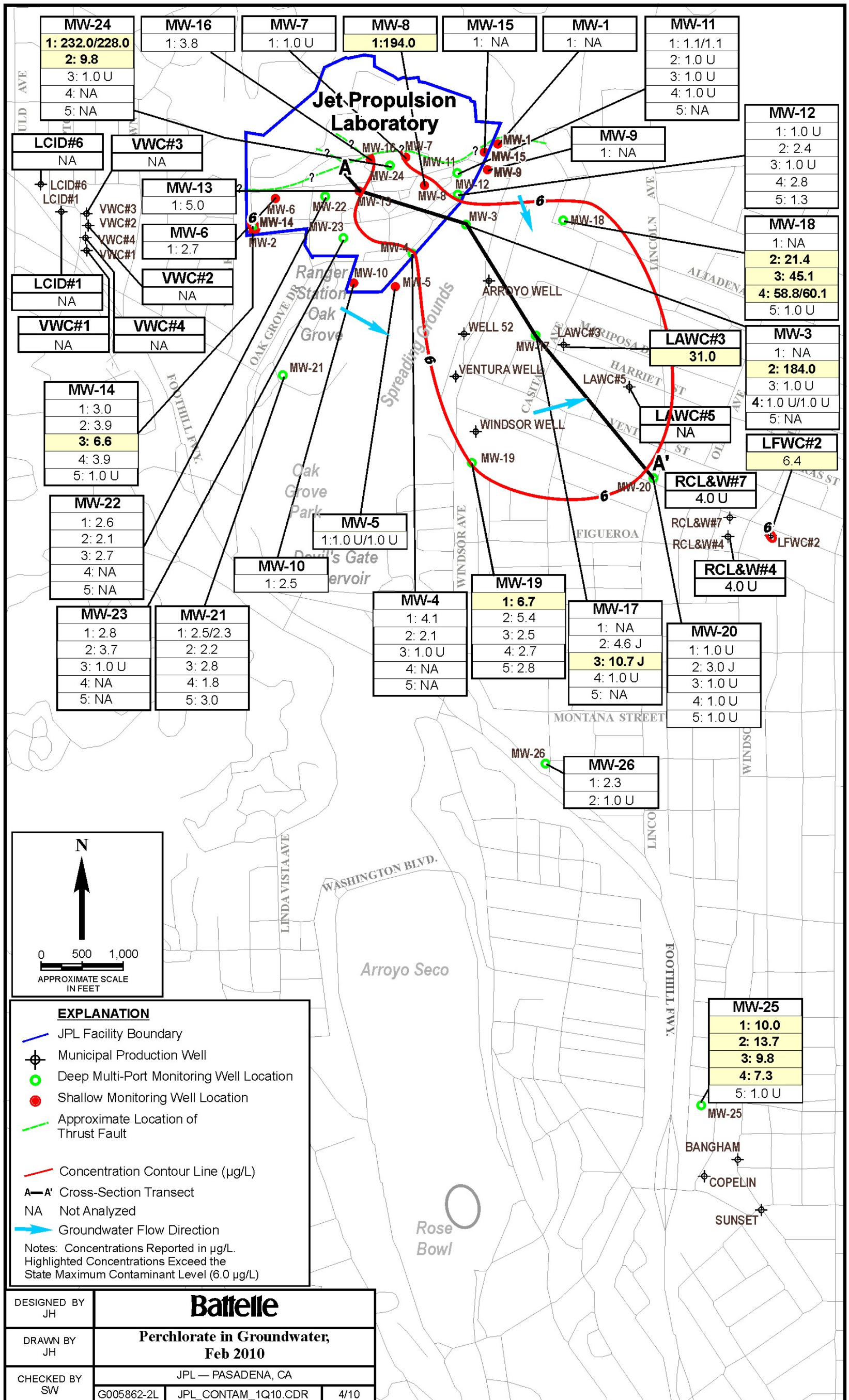


Figure 4.

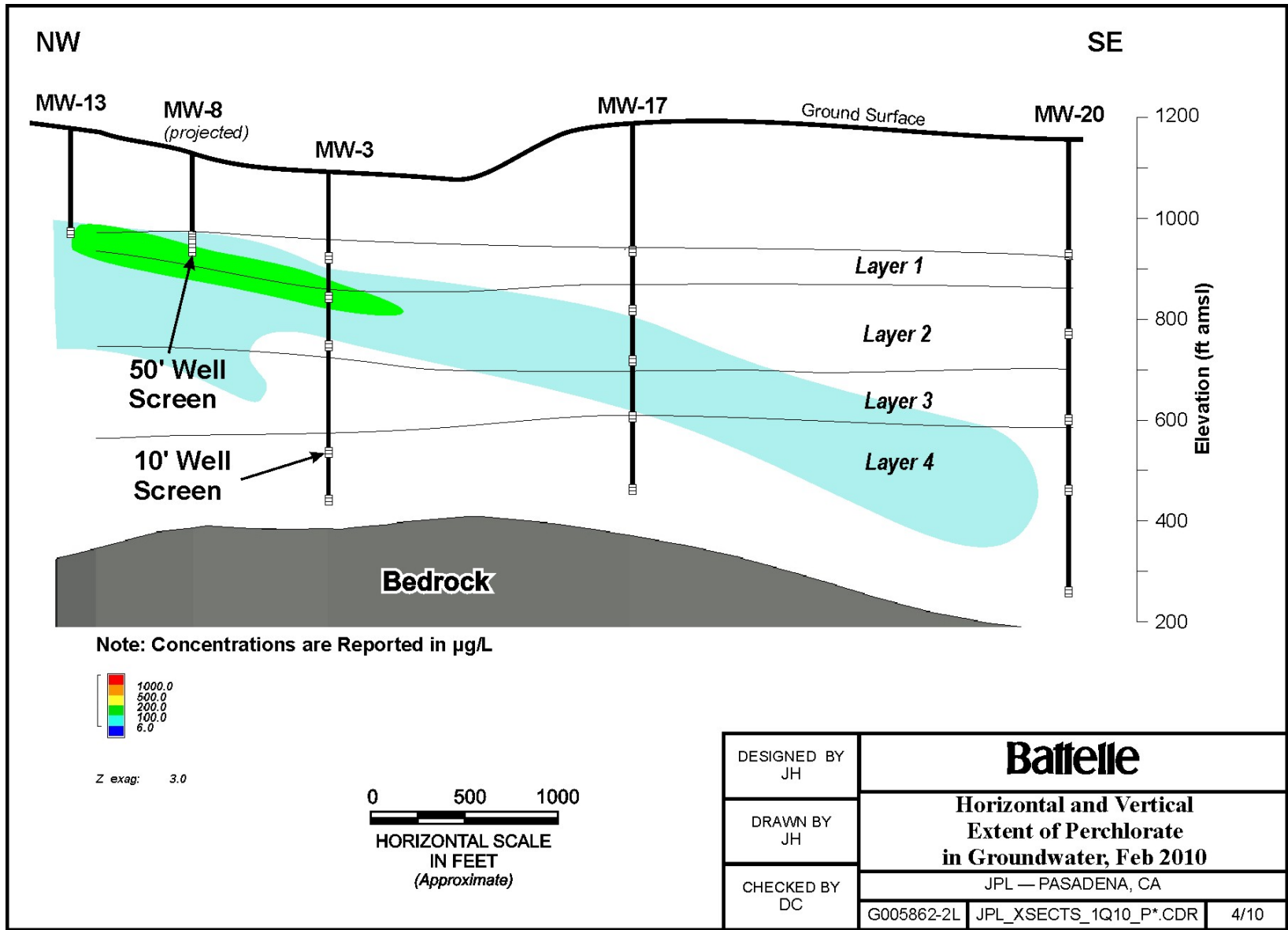


Figure 5.

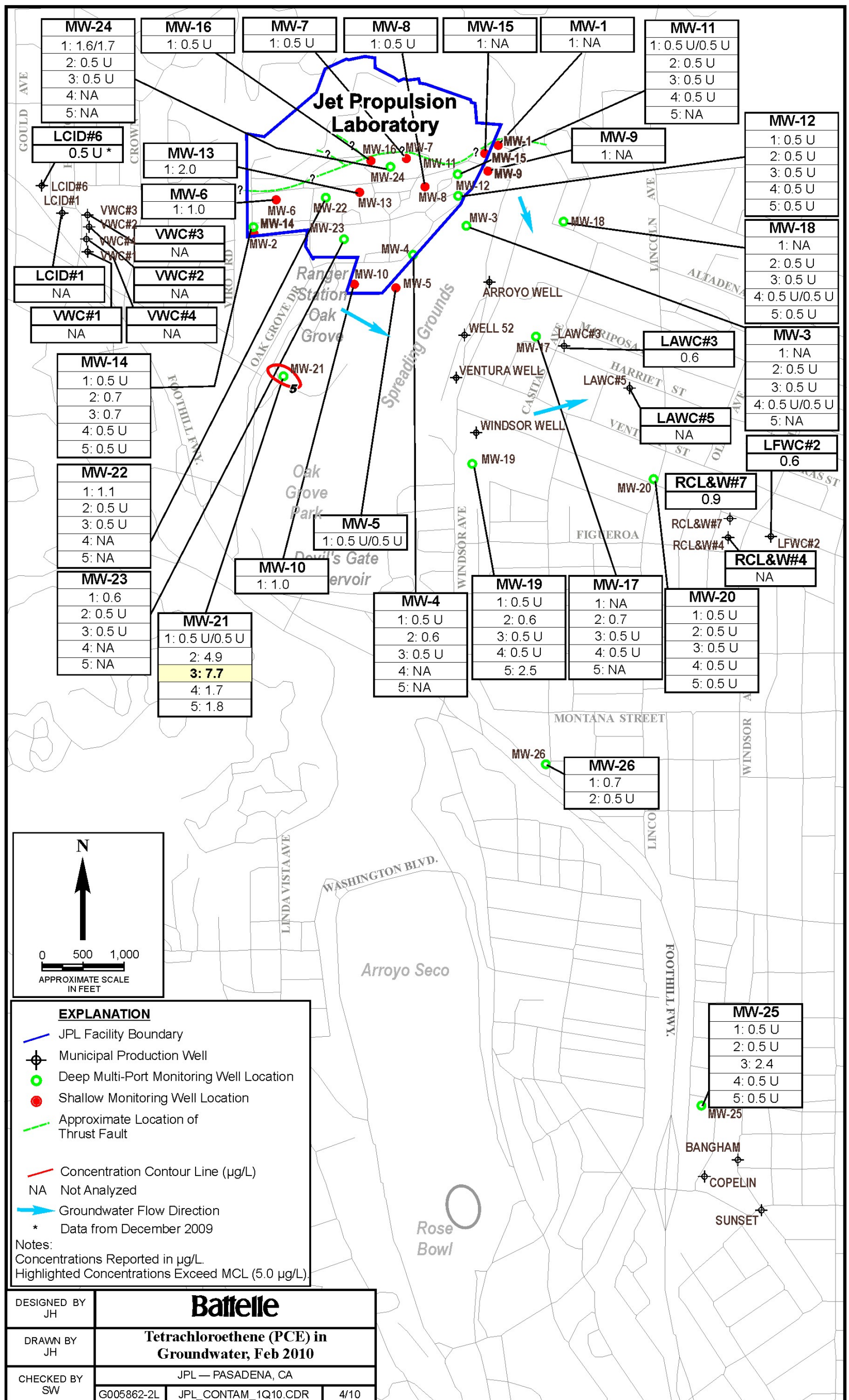


Figure 6.

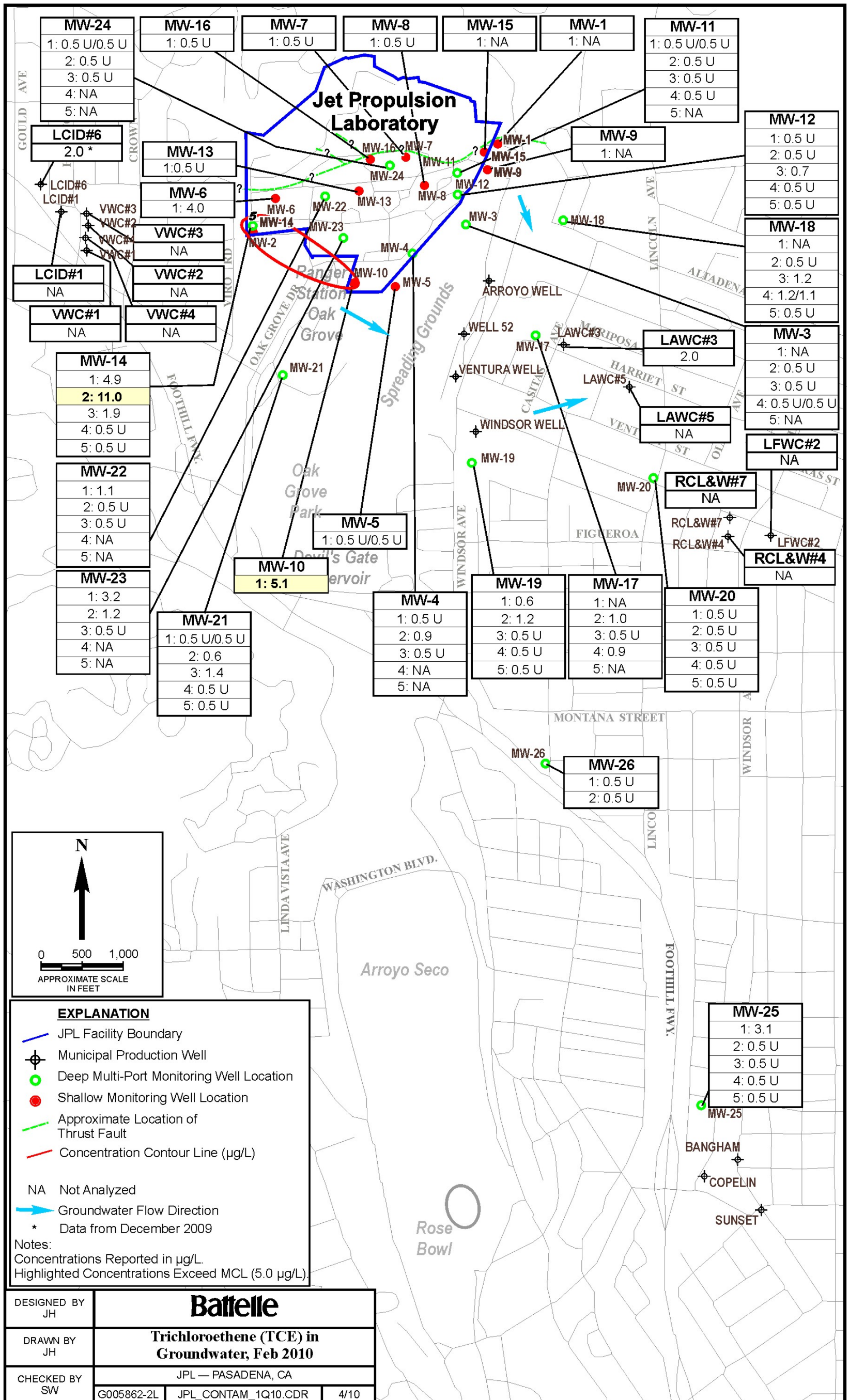


Figure 7.

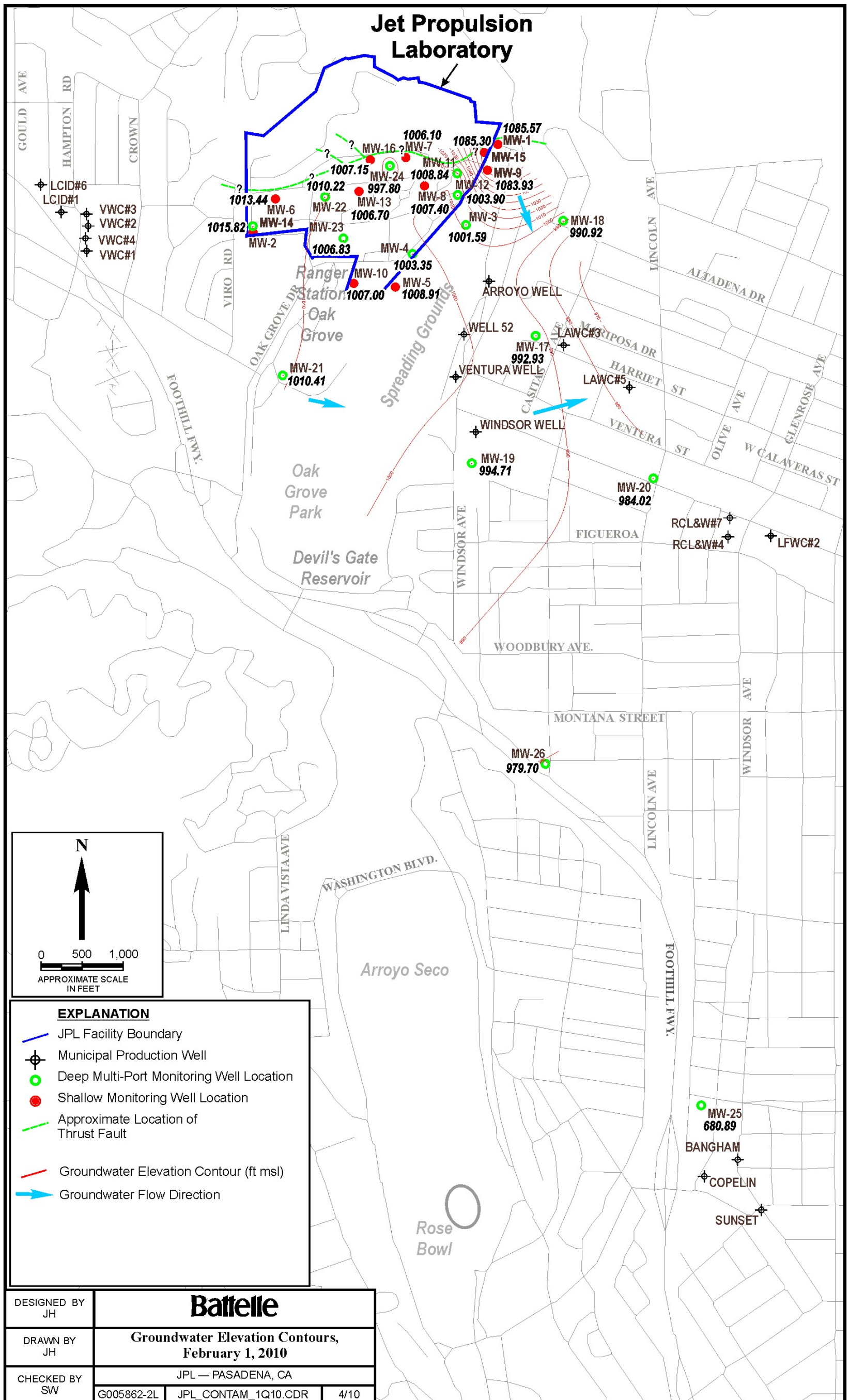


Figure 8.

TABLES

TABLE 1
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND PERCHLORATE DETECTED
DURING THE LAST FOUR SAMPLING EVENTS OF THE LONG-TERM QUARTERLY GROUNDWATER SAMPLING PROGRAM

(All concentrations reported in µg/L.)

(Shaded values exceed State or Federal MCLs or action levels.)

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP
MW-1	Apr/May 2009	MW-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-1	Nov/Dec 2009	MW-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 1	Apr/May 2009	MW-3-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 1	Nov/Dec 2009	MW-3-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 1	Nov/Dec 2009	DUPE-02-4Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 2	Apr/May 2009	MW-3-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	121.0	Bromodichloromethane 0.8 Dibromochloromethane 0.9
MW-3 Screen 2	Jul/Aug 2009	MW-3-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	219.0	Bromodichloromethane 1.2 Bromoform 0.6 Dibromochloromethane 1.2
MW-3 Screen 2	Nov/Dec 2009	MW-3-2	4.4	2.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5	109.0	
MW-3 Screen 2	Feb 2010	MW-3-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	184.0	Bromodichloromethane 2.2 Bromoform 0.6 Dibromochloromethane 1.2
MW-3 Screen 3	Apr/May 2009	MW-3-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 3	Jul/Aug 2009	MW-3-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 3	Nov/Dec 2009	MW-3-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 3	Feb 2010	MW-3-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 4	Apr/May 2009	MW-3-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene 0.6
MW-3 Screen 4	Jul/Aug 2009	MW-3-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene 0.8
MW-3 Screen 4	Nov/Dec 2009	MW-3-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 4	Feb 2010	MW-3-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 4	Feb 2010	DUPE-3-1Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-3 Screen 5	Apr/May 2009	MW-3-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene 0.5
MW-3 Screen 5	Nov/Dec 2009	MW-3-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene 0.6
MW-4 Screen 1	Apr/May 2009	MW-4-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-4 Screen 1	Jul/Aug 2009	MW-4-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-4 Screen 1	Nov/Dec 2009	MW-4-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	96.0	
MW-4 Screen 1	Feb 2010	MW-4-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1	
MW-4 Screen 2	Apr/May 2009	MW-4-2	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0	
MW-4 Screen 2	Jul/Aug 2009	MW-4-2	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9	
MW-4 Screen 2	Jul/Aug 2009	DUPE-6-3Q09	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0	
MW-4 Screen 2	Nov/Dec 2009	MW-4-2	0.5 U	0.7	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2	
MW-4 Screen 2	Feb 2010	MW-4-2	0.5 U	0.9	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	
MW-4 Screen 3	Apr/May 2009	MW-4-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene 1.4

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-4 Screen 3	Jul/Aug 2009	MW-4-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene	2.5
												Styrene	0.6 J
MW-4 Screen 3	Nov/Dec 2009	MW-4-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene	1.0
												Styrene	0.5
MW-4 Screen 3	Nov/Dec 2009	DUPE-05-4Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene	1.1
												Styrene	0.6
MW-4 Screen 3	Feb 2010	MW-4-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	Ethylbenzene	1.5
												Styrene	1.0
MW-4 Screen 4	Apr/May 2009	MW-4-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-4 Screen 4	Nov/Dec 2009	MW-4-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-4 Screen 5	Apr/May 2009	MW-4-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-4 Screen 5	Nov/Dec 2009	MW-4-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-5	Apr/May 2009	MW-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-5	Jul/Aug 2009	MW-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4		
MW-5	Nov/Dec 2009	MW-5	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	17.0		
MW-5	Feb 2010	MW-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-5	Feb 2010	DUPE-6-1Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-6	Apr/May 2009	MW-6	0.5 U	2.9	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.1		
MW-6	Jul/Aug 2009	MW-6	0.5 U	2.4	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.3		
MW-6	Nov/Dec 2009	MW-6	0.5 U	2.6	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5	2.5		
MW-6	Feb 2010	MW-6	0.5 U	4.0	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5	2.7		
MW-7	Apr/May 2009	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.8	9.4 J	Bromodichloromethane	6.0
MW-7	Jul/Aug 2009	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.4	1.0 U	Bromodichloromethane	2.8
MW-7	Nov/Dec 2009	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-7	Feb 2010	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	1.0 U		
MW-8	Apr/May 2009	MW-8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	45.4	Trichlorofluoromethane	0.6
MW-8	Jul/Aug 2009	MW-8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	186.0	Bromodichloromethane	0.6
												Dibromochloromethane	0.6
												Trichlorofluoromethane	1.3
MW-8	Nov/Dec 2009	MW-8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7	203.0	Bromodichloromethane	2.5
												Dibromochloromethane	1.0
												Trichlorofluoromethane	0.7
MW-8	Feb 2010	MW-8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5	194.0	Bromodichloromethane	1.4
												Dibromochloromethane	0.8
												Trichlorofluoromethane	0.9
MW-9	Apr/May 2009	MW-9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-9	Nov/Dec 2009	MW-9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-9	Nov/Dec 2009	DUPE-8-4Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-10	Apr/May 2009	MW-10	0.5 U	1.9	1.2	0.5	0.5 U	0.5 U	0.5 U	0.7	2.7		
MW-10	Jul/Aug 2009	MW-10	0.5 U	2.3	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5	2.7		
MW-10	Nov/Dec 2009	MW-10	0.5 U	4.3	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.2		

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP
MW-10	Feb 2010	MW-10	0.5 U	5.1	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.5	
MW-11 Screen 1	Apr/May 2009	MW-11-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 1	Jul/Aug 2009	MW-11-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 1	Nov/Dec 2009	MW-11-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	
MW-11 Screen 1	Feb 2010	MW-11-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	
MW-11 Screen 1	Feb 2010	DUPE-4-1Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	
MW-11 Screen 2	Apr/May 2009	MW-11-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 2	Jul/Aug 2009	MW-11-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 2	Nov/Dec 2009	MW-11-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 2	Feb 2010	MW-11-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 3	Apr/May 2009	MW-11-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 3	Jul/Aug 2009	MW-11-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 3	Nov/Dec 2009	MW-11-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 3	Feb 2010	MW-11-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 4	Apr/May 2009	MW-11-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 4	Jul/Aug 2009	MW-11-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 4	Nov/Dec 2009	MW-11-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	
MW-11 Screen 4	Feb 2010	MW-11-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 5	Apr/May 2009	MW-11-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 5	Nov/Dec 2009	MW-11-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1	
MW-12 Screen 1	Apr/May 2009	MW-12-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	
MW-12 Screen 1	Jul/Aug 2009	MW-12-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4	
MW-12 Screen 1	Nov/Dec 2009	MW-12-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	
MW-12 Screen 1	Feb 2010	MW-12-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-12 Screen 2	Apr/May 2009	MW-12-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	
MW-12 Screen 2	Jul/Aug 2009	MW-12-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	
MW-12 Screen 2	Jul/Aug 2009	DUPE-7-3Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7	
MW-12 Screen 2	Nov/Dec 2009	MW-12-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	
MW-12 Screen 2	Feb 2010	MW-12-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	
MW-12 Screen 3	Apr/May 2009	MW-12-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	1.0 U	
MW-12 Screen 3	Apr/May 2009	DUPE-07-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	1.0 U	
MW-12 Screen 3	Jul/Aug 2009	MW-12-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-12 Screen 3	Nov/Dec 2009	MW-12-3	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	3.2	
MW-12 Screen 3	Nov/Dec 2009	DUPE-06-4Q09	2.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	3.1	
MW-12 Screen 3	Feb 2010	MW-12-3	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.7	1.0 U	
MW-12 Screen 4	Apr/May 2009	MW-12-4	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.0	
MW-12 Screen 4	Jul/Aug 2009	MW-12-4	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	2.7	
MW-12 Screen 4	Nov/Dec 2009	MW-12-4	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.9	
MW-12 Screen 4	Feb 2010	MW-12-4	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	2.8	
MW-12 Screen 5	Apr/May 2009	MW-12-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0	
MW-12 Screen 5	Jul/Aug 2009	MW-12-5	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.7	

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP		
MW-12 Screen 5	Nov/Dec 2009	MW-12-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.1			
MW-12 Screen 5	Feb 2010	MW-12-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3			
MW-13	Apr/May 2009	MW-13	0.5 U	0.9	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.8	972.0	1,4-Dioxane	2.2	
MW-13	Jul/Aug 2009	MW-13	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	1110.0			
MW-13	Nov/Dec 2009	MW-13	0.5 U	0.5 U	1.0	0.6	0.5 U	0.5 U	0.5 U	0.5	182.0			
MW-13	Feb 2010	MW-13	0.5 U	0.5 U	2.0	0.8	0.5 U	0.5 U	0.5 U	0.5 U	5.0			
MW-14 Screen 1	Apr/May 2009	MW-14-1	0.5 U	3.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6			
MW-14 Screen 1	Jul/Aug 2009	MW-14-1	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6			
MW-14 Screen 1	Jul/Aug 2009	DUPE-2-3Q09	0.5 U	2.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5			
MW-14 Screen 1	Nov/Dec 2009	MW-14-1	0.5 U	4.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8			
MW-14 Screen 1	Feb 2010	MW-14-1	0.5 U	4.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0			
MW-14 Screen 2	Apr/May 2009	MW-14-2	0.5 U	7.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3			
MW-14 Screen 2	Jul/Aug 2009	MW-14-2	0.5 U	9.4	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.3	cis-1,2-Dichloroethene	0.6	
MW-14 Screen 2	Nov/Dec 2009	MW-14-2	0.5 U	13.0	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.7	3.3	cis-1,2-Dichloroethene	0.6	
MW-14 Screen 2	Feb 2010	MW-14-2	0.5 U	11.0	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.9	cis-1,2-Dichloroethene	0.5	
MW-14 Screen 3	Apr/May 2009	MW-14-3	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.9			
MW-14 Screen 3	Jul/Aug 2009	MW-14-3	0.5 U	1.5	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5	4.8			
MW-14 Screen 3	Nov/Dec 2009	MW-14-3	0.5 U	1.9	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.6	5.3			
MW-14 Screen 3	Feb 2010	MW-14-3	0.5 U	1.9	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5	6.6			
MW-14 Screen 4	Apr/May 2009	MW-14-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9			
MW-14 Screen 4	Jul/Aug 2009	MW-14-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0			
MW-14 Screen 4	Nov/Dec 2009	MW-14-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4			
MW-14 Screen 4	Feb 2010	MW-14-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.9			
MW-14 Screen 5	Apr/May 2009	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-14 Screen 5	Jul/Aug 2009	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-14 Screen 5	Nov/Dec 2009	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-14 Screen 5	Feb 2010	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-15	Apr/May 2009	MW-15	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-15	Nov/Dec 2009	MW-15	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-16	Apr/May 2009	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.0	9.5 J	1,4-Dioxane	1.1	
												Bromodichloromethane	9.7	
												Bromoform	9.8	
												Dibromochloromethane	14.0	
												NDMA	0.0 J	
MW-16	Jul/Aug 2009	MW-16	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.2	1.0 U	Bromodichloromethane	5.1
													Bromoform	8.1
													Dibromochloromethane	7.8
MW-16	Nov/Dec 2009	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-16	Feb 2010	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8			
MW-17 Screen 1	Apr/May 2009	MW-17-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			
MW-17 Screen 1	Nov/Dec 2009	MW-17-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U			

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-17 Screen 1	Nov/Dec 2009	DUPE-03-4Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-17 Screen 2	Apr/May 2009	MW-17-2	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.3		
MW-17 Screen 2	Jul/Aug 2009	MW-17-2	0.5 U	1.2	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.0		
MW-17 Screen 2	Nov/Dec 2009	MW-17-2	0.5 U	1.0	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.3		
MW-17 Screen 2	Feb 2010	MW-17-2	0.5 U	1.0	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.6 J		
MW-17 Screen 3	Apr/May 2009	MW-17-3	0.7	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12.9		
MW-17 Screen 3	Jul/Aug 2009	MW-17-3	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11.5		
MW-17 Screen 3	Nov/Dec 2009	MW-17-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10.2		
MW-17 Screen 3	Feb 2010	MW-17-3	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10.7 J		
MW-17 Screen 4	Apr/May 2009	MW-17-4	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	NDMA	0.0 J
MW-17 Screen 4	Jul/Aug 2009	MW-17-4	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-17 Screen 4	Nov/Dec 2009	MW-17-4	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-17 Screen 4	Feb 2010	MW-17-4	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-17 Screen 5	Apr/May 2009	MW-17-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-17 Screen 5	Nov/Dec 2009	MW-17-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 1	Apr/May 2009	MW-18-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 1	Nov/Dec 2009	MW-18-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 2	Apr/May 2009	MW-18-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 2	Jul/Aug 2009	MW-18-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 2	Nov/Dec 2009	MW-18-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.7 J		
MW-18 Screen 2	Feb 2010	MW-18-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	21.4		
MW-18 Screen 3	Apr/May 2009	MW-18-3	15.0	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	55.9		
MW-18 Screen 3	Jul/Aug 2009	MW-18-3	6.1	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.5	49.3		
MW-18 Screen 3	Jul/Aug 2009	DUPE-3-3Q09	6.8	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	49.7		
MW-18 Screen 3	Nov/Dec 2009	MW-18-3	4.7	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4	43.0 J		
MW-18 Screen 3	Feb 2010	MW-18-3	17.0	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	45.1		
MW-18 Screen 4	Apr/May 2009	MW-18-4	10.0	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	45.7		
MW-18 Screen 4	Jul/Aug 2009	MW-18-4	13.0	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	43.2		
MW-18 Screen 4	Nov/Dec 2009	MW-18-4	16.0	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	52.9 J		
MW-18 Screen 4	Feb 2010	MW-18-4	10.0	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	58.8		
MW-18 Screen 4	Feb 2010	DUPE-2-1Q10	8.9	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0	60.1		
MW-18 Screen 5	Apr/May 2009	MW-18-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 5	Jul/Aug 2009	MW-18-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-18 Screen 5	Nov/Dec 2009	MW-18-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7 J		
MW-18 Screen 5	Feb 2010	MW-18-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-19 Screen 1	Apr/May 2009	MW-19-1	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.1		
MW-19 Screen 1	Jul/Aug 2009	MW-19-1	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.1		
MW-19 Screen 1	Nov/Dec 2009	MW-19-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	7.1		
MW-19 Screen 1	Feb 2010	MW-19-1	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.7		
MW-19 Screen 2	Apr/May 2009	MW-19-2	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.1		
MW-19 Screen 2	Jul/Aug 2009	MW-19-2	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.8		

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP
MW-19 Screen 2	Jul/Aug 2009	DUPE-1-3Q09	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.8	
MW-19 Screen 2	Nov/Dec 2009	MW-19-2	0.5 U	1.2	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.5	
MW-19 Screen 2	Feb 2010	MW-19-2	0.5 U	1.2	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.4	
MW-19 Screen 3	Apr/May 2009	MW-19-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	
MW-19 Screen 3	Jul/Aug 2009	MW-19-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	
MW-19 Screen 3	Nov/Dec 2009	MW-19-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	
MW-19 Screen 3	Feb 2010	MW-19-3	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	
MW-19 Screen 4	Apr/May 2009	MW-19-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1	
MW-19 Screen 4	Apr/May 2009	DUPE-08-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	
MW-19 Screen 4	Jul/Aug 2009	MW-19-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	
MW-19 Screen 4	Nov/Dec 2009	MW-19-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	
MW-19 Screen 4	Feb 2010	MW-19-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7	
MW-19 Screen 5	Apr/May 2009	MW-19-5	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	
MW-19 Screen 5	Jul/Aug 2009	MW-19-5	0.5 U	0.5 U	1.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5	
MW-19 Screen 5	Nov/Dec 2009	MW-19-5	0.5 U	0.5 U	2.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0	
MW-19 Screen 5	Feb 2010	MW-19-5	0.5 U	0.5 U	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	
MW-20 Screen 1	Apr/May 2009	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 1	Jul/Aug 2009	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 1	Nov/Dec 2009	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 1	Nov/Dec 2009	DUPE-01-4Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 1	Feb 2010	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 2	Apr/May 2009	MW-20-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 2	Jul/Aug 2009	MW-20-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2	
MW-20 Screen 2	Nov/Dec 2009	MW-20-2	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.4	
MW-20 Screen 2	Feb 2010	MW-20-2	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0 J	
MW-20 Screen 3	Apr/May 2009	MW-20-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 3	Apr/May 2009	DUPE-06-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 3	Jul/Aug 2009	MW-20-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 3	Jul/Aug 2009	DUPE-5-3Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 3	Nov/Dec 2009	MW-20-3	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 3	Feb 2010	MW-20-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 4	Apr/May 2009	MW-20-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 4	Apr/May 2009	DUPE-05-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 4	Jul/Aug 2009	MW-20-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 4	Nov/Dec 2009	MW-20-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	76.0	
MW-20 Screen 4	Feb 2010	MW-20-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 5	Apr/May 2009	MW-20-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 5	Jul/Aug 2009	MW-20-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 5	Nov/Dec 2009	MW-20-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	22.6	
MW-20 Screen 5	Feb 2010	MW-20-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-21 Screen 1	Apr/May 2009	MW-21-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	2.4	

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP
MW-21 Screen 1	Jul/Aug 2009	MW-21-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	2.8	
MW-21 Screen 1	Nov/Dec 2009	MW-21-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	2.4	
MW-21 Screen 1	Feb 2010	MW-21-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	2.5	
MW-21 Screen 1	Feb 2010	DUPE-1-1Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4	2.3	
MW-21 Screen 2	Apr/May 2009	MW-21-2	0.5 U	0.5 U	4.0	0.5 U	0.5 U	0.5 U	0.5 U	0.8	2.1	cis-1,2-Dichloroethene 0.8
MW-21 Screen 2	Jul/Aug 2009	MW-21-2	0.5 U	0.9	14.0	0.5 U	0.5 U	0.5 U	0.5 U	2.3	2.1	cis-1,2-Dichloroethene 1.8
MW-21 Screen 2	Nov/Dec 2009	MW-21-2	0.5 U	0.8	14.0	0.5 U	0.5 U	0.5 U	0.5 U	2.4	1.8	cis-1,2-Dichloroethene 1.8
MW-21 Screen 2	Feb 2010	MW-21-2	0.5 U	0.6	4.9	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.2	cis-1,2-Dichloroethene 0.6
MW-21 Screen 3	Apr/May 2009	MW-21-3	0.5 U	1.2	5.0	0.5 U	0.5 U	0.5 U	0.5 U	3.1	2.8	cis-1,2-Dichloroethene 0.9
MW-21 Screen 3	Jul/Aug 2009	MW-21-3	0.5 U	0.9	4.3	0.5 U	0.5 U	0.5 U	0.5 U	1.8	2.4	cis-1,2-Dichloroethene 0.8
MW-21 Screen 3	Jul/Aug 2009	DUPE-4-3Q09	0.5 U	0.8	3.4	0.5 U	0.5 U	0.5 U	0.5 U	1.6	2.7	cis-1,2-Dichloroethene 0.7
MW-21 Screen 3	Nov/Dec 2009	MW-21-3	0.5 U	1.5	8.6	0.5 U	0.5 U	0.5 U	0.5 U	2.3	2.9	cis-1,2-Dichloroethene 1.2
MW-21 Screen 3	Feb 2010	MW-21-3	0.5 U	1.4	7.7	0.5 U	0.5 U	0.5 U	0.5 U	2.2	2.8	cis-1,2-Dichloroethene 1.0
MW-21 Screen 4	Apr/May 2009	MW-21-4	0.5 U	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	7.1	2.0	
MW-21 Screen 4	Apr/May 2009	DUPE-03-2Q09	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	7.5	1.9	
MW-21 Screen 4	Jul/Aug 2009	MW-21-4	0.5 U	0.5 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	7.2	2.1	
MW-21 Screen 4	Nov/Dec 2009	MW-21-4	0.5 U	0.5 U	2.0	0.5 U	0.5 U	0.5 U	0.5 U	7.6	2.8	
MW-21 Screen 4	Feb 2010	MW-21-4	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	6.5	1.8	
MW-21 Screen 5	Apr/May 2009	MW-21-5	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	3.1	3.0	
MW-21 Screen 5	Jul/Aug 2009	MW-21-5	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	0.5 U	4.1	3.0	
MW-21 Screen 5	Nov/Dec 2009	MW-21-5	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	0.5 U	4.0	3.8	
MW-21 Screen 5	Feb 2010	MW-21-5	0.5 U	0.5 U	1.8	0.5 U	0.5 U	0.5 U	0.5 U	3.5	3.0	
MW-22 Screen 1	Apr/May 2009	MW-22-1	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.3	
MW-22 Screen 1	Jul/Aug 2009	MW-22-1	0.5 U	1.0	2.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5	2.4	
MW-22 Screen 1	Nov/Dec 2009	MW-22-1	0.5 U	0.7	1.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	
MW-22 Screen 1	Feb 2010	MW-22-1	0.5 U	1.1	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	
MW-22 Screen 2	Apr/May 2009	MW-22-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	
MW-22 Screen 2	Jul/Aug 2009	MW-22-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0	
MW-22 Screen 2	Nov/Dec 2009	MW-22-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	
MW-22 Screen 2	Feb 2010	MW-22-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	
MW-22 Screen 3	Apr/May 2009	MW-22-3	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	
MW-22 Screen 3	Jul/Aug 2009	MW-22-3	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	
MW-22 Screen 3	Nov/Dec 2009	MW-22-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	
MW-22 Screen 3	Feb 2010	MW-22-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7	
MW-22 Screen 4	Apr/May 2009	MW-22-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-22 Screen 4	Nov/Dec 2009	MW-22-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-22 Screen 4	Nov/Dec 2009	DUPE-04-4Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-22 Screen 5	Apr/May 2009	MW-22-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-22 Screen 5	Nov/Dec 2009	MW-22-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	
MW-23 Screen 1	Apr/May 2009	MW-23-1	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	
MW-23 Screen 1	Jul/Aug 2009	MW-23-1	0.5 U	2.2	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5	2.2	

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-23 Screen 1	Nov/Dec 2009	MW-23-1	0.5 U	2.6	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8		
MW-23 Screen 1	Feb 2010	MW-23-1	0.5 U	3.2	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8		
MW-23 Screen 2	Apr/May 2009	MW-23-2	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	4.1		
MW-23 Screen 2	Jul/Aug 2009	MW-23-2	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.1		
MW-23 Screen 2	Nov/Dec 2009	MW-23-2	0.5 U	1.4	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5	4.4		
MW-23 Screen 2	Feb 2010	MW-23-2	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.7		
MW-23 Screen 3	Apr/May 2009	MW-23-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-23 Screen 3	Jul/Aug 2009	MW-23-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-23 Screen 3	Nov/Dec 2009	MW-23-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-23 Screen 3	Feb 2010	MW-23-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-23 Screen 4	Apr/May 2009	MW-23-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-23 Screen 4	Nov/Dec 2009	MW-23-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0		
MW-23 Screen 5	Apr/May 2009	MW-23-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-23 Screen 5	Nov/Dec 2009	MW-23-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	Styrene	0.6
MW-24 Screen 1	Apr/May 2009	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	3.6	1,4-Dioxane	1.0
												NDMA	0.0 J
MW-24 Screen 1	Apr/May 2009	DUPE-02-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	4.0	1,4-Dioxane	1.0
MW-24 Screen 1	Jul/Aug 2009	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0	4.0	Bromodichloromethane	0.9
MW-24 Screen 1	Nov/Dec 2009	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2	1.1 J		
MW-24 Screen 1	Feb 2010	MW-24-1	0.8	0.5 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	2.1	232.0		
MW-24 Screen 1	Feb 2010	DUPE-5-1Q10	0.8	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	2.2	228.0		
MW-24 Screen 2	Apr/May 2009	MW-24-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	12.9		
MW-24 Screen 2	Jul/Aug 2009	MW-24-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10.2		
MW-24 Screen 2	Nov/Dec 2009	MW-24-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6 J		
MW-24 Screen 2	Feb 2010	MW-24-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.8		
MW-24 Screen 3	Apr/May 2009	MW-24-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 3	Apr/May 2009	DUPE-01-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 3	Jul/Aug 2009	MW-24-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 3	Nov/Dec 2009	MW-24-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	27.9 J		
MW-24 Screen 3	Feb 2010	MW-24-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 4	Apr/May 2009	MW-24-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 4	Nov/Dec 2009	MW-24-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 5	Apr/May 2009	MW-24-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 5	Nov/Dec 2009	MW-24-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-25 Screen 1	Apr/May 2009	MW-25-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	9.3		
MW-25 Screen 1	Jul/Aug 2009	MW-25-1	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	9.5		
MW-25 Screen 1	Nov/Dec 2009	MW-25-1	0.5 U	3.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	10.2		
MW-25 Screen 1	Feb 2010	MW-25-1	0.5 U	3.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	10.0		
MW-25 Screen 2	Apr/May 2009	MW-25-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13.4		
MW-25 Screen 2	Jul/Aug 2009	MW-25-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13.1		
MW-25 Screen 2	Nov/Dec 2009	MW-25-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13.3		

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP
MW-25 Screen 2	Feb 2010	MW-25-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13.7	
MW-25 Screen 3	Apr/May 2009	MW-25-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	8.4
MW-25 Screen 3	Apr/May 2009	DUPE-04-2Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	8.4
MW-25 Screen 3	Jul/Aug 2009	MW-25-3	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	9.1
MW-25 Screen 3	Nov/Dec 2009	MW-25-3	0.5 U	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	9.0
MW-25 Screen 3	Feb 2010	MW-25-3	0.5 U	0.5 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	9.8
MW-25 Screen 4	Apr/May 2009	MW-25-4	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	7.2
MW-25 Screen 4	Jul/Aug 2009	MW-25-4	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	7.4
MW-25 Screen 4	Nov/Dec 2009	MW-25-4	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	7.4
MW-25 Screen 4	Nov/Dec 2009	DUPE-07-4Q09	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	7.4
MW-25 Screen 4	Feb 2010	MW-25-4	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	7.3
MW-25 Screen 5	Apr/May 2009	MW-25-5	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	1.0 U
MW-25 Screen 5	Jul/Aug 2009	MW-25-5	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	1.0 U
MW-25 Screen 5	Nov/Dec 2009	MW-25-5	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	12.0
MW-25 Screen 5	Feb 2010	MW-25-5	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	1.0 U
MW-26 Screen 1	Apr/May 2009	MW-26-1	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	1.7 J
MW-26 Screen 1	Jul/Aug 2009	MW-26-1	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1
MW-26 Screen 1	Nov/Dec 2009	MW-26-1	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	2.3
MW-26 Screen 1	Feb 2010	MW-26-1	0.5 U	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.3
MW-26 Screen 2	Apr/May 2009	MW-26-2	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	1.0 U
MW-26 Screen 2	Jul/Aug 2009	MW-26-2	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	1.0 U
MW-26 Screen 2	Nov/Dec 2009	MW-26-2	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	1.0 U
MW-26 Screen 2	Feb 2010	MW-26-2	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	1.0 U
California Maximum Contaminant Level (MCL)			0.5	5	5	5	0.5	6	1200	100	6.0 *	
EPA Region IX Maximum Contaminant Level			5	5	5	NE	5	7	NE	100	NE	
<p>Notes</p> <p>DUPE Field Duplicate</p> <p>NA Not analyzed</p> <p>NE Not established</p> <p>* Interm Action Level - California Department of Public Health</p> <p>J Indicates an estimated value.</p> <p>U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.</p>												

TABLE 2
SUMMARY OF METALS DETECTED
DURING THE LAST FOUR SAMPLING EVENTS OF THE LONG-TERM QUARTERLY
GROUNDWATER SAMPLING PROGRAM

(All concentrations reported in µg/L; except for Hexavalent Chromium, which is reported in mg/L.)

(Shaded values exceed State or Federal MCLs or action levels.)

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-1	Apr/May 2009	MW-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-1	Nov/Dec 2009	MW-1	NA	NA	5.0 U	0.010 U
MW-3 Screen 1	Apr/May 2009	MW-3-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-3 Screen 1	Nov/Dec 2009	MW-3-1	NA	NA	5.0 U	0.010 U
MW-3 Screen 1	Nov/Dec 2009	DUPE-02-4Q09	NA	NA	5.0 U	0.010 U
MW-3 Screen 2	Apr/May 2009	MW-3-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-3 Screen 2	Jul/Aug 2009	MW-3-2	NA	NA	5.0 U	0.010 U
MW-3 Screen 2	Nov/Dec 2009	MW-3-2	NA	NA	5.0 U	0.010 U
MW-3 Screen 2	Feb 2010	MW-3-2	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Apr/May 2009	MW-3-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-3 Screen 3	Jul/Aug 2009	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Nov/Dec 2009	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Feb 2010	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Apr/May 2009	MW-3-4	2.2	5.000 U	5.0 U	0.010 U
MW-3 Screen 4	Jul/Aug 2009	MW-3-4	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Nov/Dec 2009	MW-3-4	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Feb 2010	MW-3-4	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Feb 2010	DUPE-3-1Q10	NA	NA	5.0 U	0.010 U
MW-3 Screen 5	Apr/May 2009	MW-3-5	2.6	5.000 U	5.0 U	0.010 U
MW-3 Screen 5	Nov/Dec 2009	MW-3-5	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Apr/May 2009	MW-4-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 1	Jul/Aug 2009	MW-4-1	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Nov/Dec 2009	MW-4-1	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Feb 2010	MW-4-1	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Apr/May 2009	MW-4-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 2	Jul/Aug 2009	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Jul/Aug 2009	DUPE-6-3Q09	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Nov/Dec 2009	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Feb 2010	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Apr/May 2009	MW-4-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 3	Jul/Aug 2009	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Nov/Dec 2009	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Nov/Dec 2009	DUPE-05-4Q09	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Feb 2010	MW-4-3	NA	NA	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-4 Screen 4	Apr/May 2009	MW-4-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 4	Nov/Dec 2009	MW-4-4	NA	NA	5.0 U	0.010 U
MW-4 Screen 5	Apr/May 2009	MW-4-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 5	Nov/Dec 2009	MW-4-5	NA	NA	5.2 J	0.010 U
MW-5	Apr/May 2009	MW-5	2.0 U	5.000 U	5.1	0.010 U
MW-5	Jul/Aug 2009	MW-5	NA	NA	5.0 U	0.010 U
MW-5	Nov/Dec 2009	MW-5	NA	NA	5.0 U	0.010 U
MW-5	Feb 2010	MW-5	NA	NA	5.0 U	0.010 U
MW-5	Feb 2010	DUPE-6-1Q10	NA	NA	5.0 U	0.010 U
MW-6	Apr/May 2009	MW-6	2.0 U	5.000 U	23.0	0.010 U
MW-6	Jul/Aug 2009	MW-6	NA	NA	48.0	0.010 U
MW-6	Nov/Dec 2009	MW-6	NA	NA	5.0 U	0.010 U
MW-6	Feb 2010	MW-6	NA	NA	5.0 U	0.010 U
MW-7	Apr/May 2009	MW-7	2.0 U	5.000 U	11.0	0.013
MW-7	Jul/Aug 2009	MW-7	NA	NA	11.0 J	0.008 J
MW-7	Nov/Dec 2009	MW-7	NA	NA	5.0 U	0.010 U
MW-7	Feb 2010	MW-7	NA	NA	5.0 U	0.010 U
MW-8	Apr/May 2009	MW-8	2.0 U	12.000	7.5	0.010 U
MW-8	Jul/Aug 2009	MW-8	NA	NA	5.3	0.010 U
MW-8	Nov/Dec 2009	MW-8	NA	NA	5.0 U	0.010 U
MW-8	Feb 2010	MW-8	NA	NA	5.0 U	0.010 U
MW-9	Apr/May 2009	MW-9	2.0 U	5.000 U	5.0 U	0.010 U
MW-9	Nov/Dec 2009	MW-9	NA	NA	13.0	0.010 U
MW-9	Nov/Dec 2009	DUPE-8-4Q09	NA	NA	7.8	0.010 U
MW-10	Apr/May 2009	MW-10	2.0 U	5.000 U	11.0	0.010 U
MW-10	Jul/Aug 2009	MW-10	NA	NA	6.6	0.010 U
MW-10	Nov/Dec 2009	MW-10	NA	NA	5.0 U	0.010 U
MW-10	Feb 2010	MW-10	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Apr/May 2009	MW-11-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-11 Screen 1	Jul/Aug 2009	MW-11-1	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Nov/Dec 2009	MW-11-1	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Feb 2010	MW-11-1	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Feb 2010	DUPE-4-1Q10	NA	NA	5.0 U	0.010 U
MW-11 Screen 2	Apr/May 2009	MW-11-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-11 Screen 2	Jul/Aug 2009	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 2	Nov/Dec 2009	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 2	Feb 2010	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Apr/May 2009	MW-11-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-11 Screen 3	Jul/Aug 2009	MW-11-3	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Nov/Dec 2009	MW-11-3	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Feb 2010	MW-11-3	NA	NA	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-11 Screen 4	Apr/May 2009	MW-11-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-11 Screen 4	Nov/Dec 2009	MW-11-4	NA	NA	5.0 U	0.010 U
MW-11 Screen 5	Apr/May 2009	MW-11-5	5.1	5.000 U	5.0 U	0.010 U
MW-11 Screen 5	Nov/Dec 2009	MW-11-5	NA	NA	5.0 U	0.010 U
MW-12 Screen 1	Apr/May 2009	MW-12-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 1	Jul/Aug 2009	MW-12-1	NA	NA	5.0 U	0.010 U
MW-12 Screen 1	Nov/Dec 2009	MW-12-1	NA	NA	5.0 U	0.010 U
MW-12 Screen 1	Feb 2010	MW-12-1	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Apr/May 2009	MW-12-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 2	Jul/Aug 2009	MW-12-2	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Jul/Aug 2009	DUPE-7-3Q09	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Nov/Dec 2009	MW-12-2	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Feb 2010	MW-12-2	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Apr/May 2009	MW-12-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 3	Apr/May 2009	DUPE-07-2Q09	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 3	Jul/Aug 2009	MW-12-3	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Nov/Dec 2009	MW-12-3	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Nov/Dec 2009	DUPE-06-4Q09	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Feb 2010	MW-12-3	NA	NA	5.0 U	0.010 U
MW-12 Screen 4	Apr/May 2009	MW-12-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 4	Nov/Dec 2009	MW-12-4	NA	NA	5.0 U	0.010 U
MW-12 Screen 5	Apr/May 2009	MW-12-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 5	Nov/Dec 2009	MW-12-5	NA	NA	5.0 U	0.010 U
MW-13	Apr/May 2009	MW-13	2.0 U	10.000	33.0	0.028
MW-13	Jul/Aug 2009	MW-13	NA	NA	31.0	0.031
MW-13	Nov/Dec 2009	MW-13	NA	NA	12.0	0.010 U
MW-13	Feb 2010	MW-13	NA	NA	5.0 U	NA
MW-14 Screen 1	Apr/May 2009	MW-14-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-14 Screen 1	Jul/Aug 2009	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Jul/Aug 2009	DUPE-2-3Q09	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Nov/Dec 2009	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Feb 2010	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Apr/May 2009	MW-14-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-14 Screen 2	Jul/Aug 2009	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Nov/Dec 2009	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Feb 2010	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Apr/May 2009	MW-14-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-14 Screen 3	Jul/Aug 2009	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Nov/Dec 2009	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Feb 2010	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 4	Apr/May 2009	MW-14-4	2.0 U	5.000 U	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-14 Screen 4	Nov/Dec 2009	MW-14-4	NA	NA	5.0 U	0.010 U
MW-14 Screen 5	Apr/May 2009	MW-14-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-14 Screen 5	Nov/Dec 2009	MW-14-5	NA	NA	5.0 U	0.010 U
MW-15	Apr/May 2009	MW-15	2.0 U	17.000	6.8	0.010 U
MW-15	Jul/Aug 2009	MW-15	NA	NA	5.0 U	0.010 U
MW-15	Nov/Dec 2009	MW-15	NA	NA	5.0 U	0.010 U
MW-15	Feb 2010	MW-15	NA	NA	5.0 U	0.010 U
MW-15	Feb 2010	DUPE-7-1Q10	NA	NA	5.0 U	0.010 U
MW-16	Apr/May 2009	MW-16	2.0 U	13.000	28.0	0.025
MW-16	Jul/Aug 2009	MW-16	NA	NA	16.0 J	0.013
MW-16	Nov/Dec 2009	MW-16	NA	NA	5.0 U	0.010 U
MW-16	Feb 2010	MW-16	NA	NA	5.0 U	0.010 U
MW-17 Screen 1	Apr/May 2009	MW-17-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-17 Screen 1	Nov/Dec 2009	MW-17-1	NA	NA	5.0 U	0.010 U
MW-17 Screen 1	Nov/Dec 2009	DUPE-03-4Q09	NA	NA	5.0 U	0.010 U
MW-17 Screen 2	Apr/May 2009	MW-17-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-17 Screen 2	Jul/Aug 2009	MW-17-2	NA	NA	5.0 U	0.010 U
MW-17 Screen 2	Nov/Dec 2009	MW-17-2	NA	NA	5.0 U	0.010 U
MW-17 Screen 2	Feb 2010	MW-17-2	NA	NA	5.0 U	0.010 U
MW-17 Screen 3	Apr/May 2009	MW-17-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-17 Screen 3	Jul/Aug 2009	MW-17-3	NA	NA	5.0 U	0.010 U
MW-17 Screen 3	Nov/Dec 2009	MW-17-3	NA	NA	5.0 U	0.010 U
MW-17 Screen 3	Feb 2010	MW-17-3	NA	NA	5.0 U	0.010 U
MW-17 Screen 4	Apr/May 2009	MW-17-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-17 Screen 4	Jul/Aug 2009	MW-17-4	NA	NA	5.0 U	0.010 U
MW-17 Screen 4	Nov/Dec 2009	MW-17-4	NA	NA	5.0 U	0.010 U
MW-17 Screen 4	Feb 2010	MW-17-4	NA	NA	5.0 U	0.010 U
MW-17 Screen 5	Apr/May 2009	MW-17-5	7.3	5.000 U	5.0 U	0.010 U
MW-17 Screen 5	Nov/Dec 2009	MW-17-5	NA	NA	5.0 U	0.010 U
MW-18 Screen 1	Apr/May 2009	MW-18-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-18 Screen 1	Nov/Dec 2009	MW-18-1	NA	NA	5.0 U	0.010 U
MW-18 Screen 2	Apr/May 2009	MW-18-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-18 Screen 2	Jul/Aug 2009	MW-18-2	NA	NA	5.0 U	0.010 U
MW-18 Screen 2	Nov/Dec 2009	MW-18-2	NA	NA	5.0 U	0.010 U
MW-18 Screen 2	Feb 2010	MW-18-2	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Apr/May 2009	MW-18-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-18 Screen 3	Jul/Aug 2009	MW-18-3	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Jul/Aug 2009	DUPE-3-3Q09	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Nov/Dec 2009	MW-18-3	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Feb 2010	MW-18-3	NA	NA	5.0 U	0.010 U
MW-18 Screen 4	Apr/May 2009	MW-18-4	2.0 U	5.000 U	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-18 Screen 4	Jul/Aug 2009	MW-18-4	NA	NA	5.0 U	0.010 U
MW-18 Screen 4	Nov/Dec 2009	MW-18-4	NA	NA	5.0 U	0.010 U
MW-18 Screen 4	Feb 2010	MW-18-4	NA	NA	5.0 U	0.010 U
MW-18 Screen 4	Feb 2010	DUPE-2-1Q10	NA	NA	5.0 U	0.010 U
MW-18 Screen 5	Apr/May 2009	MW-18-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-18 Screen 5	Nov/Dec 2009	MW-18-5	NA	NA	5.0 U	0.010 U
MW-19 Screen 1	Apr/May 2009	MW-19-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-19 Screen 1	Nov/Dec 2009	MW-19-1	NA	NA	5.0 U	0.010 U
MW-19 Screen 2	Apr/May 2009	MW-19-2	2.0 U	5.000 U	5.3	0.010 U
MW-19 Screen 2	Nov/Dec 2009	MW-19-2	NA	NA	5.0 U	0.010 U
MW-19 Screen 3	Apr/May 2009	MW-19-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-19 Screen 3	Nov/Dec 2009	MW-19-3	NA	NA	5.0 U	0.010 U
MW-19 Screen 4	Apr/May 2009	MW-19-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-19 Screen 4	Apr/May 2009	DUPE-08-2Q09	2.0 U	5.000 U	5.0 U	0.010 U
MW-19 Screen 4	Nov/Dec 2009	MW-19-4	NA	NA	5.0 U	0.010 U
MW-19 Screen 5	Apr/May 2009	MW-19-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-19 Screen 5	Nov/Dec 2009	MW-19-5	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Apr/May 2009	MW-20-1	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 1	Jul/Aug 2009	MW-20-1	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Nov/Dec 2009	MW-20-1	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Nov/Dec 2009	DUPE-01-4Q09	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Feb 2010	MW-20-1	NA	NA	5.0 U	0.010 U
MW-20 Screen 2	Apr/May 2009	MW-20-2	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 2	Jul/Aug 2009	MW-20-2	NA	NA	5.0 U	0.010 U
MW-20 Screen 2	Nov/Dec 2009	MW-20-2	NA	NA	5.0 U	0.010 U
MW-20 Screen 2	Feb 2010	MW-20-2	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Apr/May 2009	MW-20-3	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 3	Apr/May 2009	DUPE-06-2Q09	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 3	Jul/Aug 2009	MW-20-3	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Jul/Aug 2009	DUPE-5-3Q09	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Nov/Dec 2009	MW-20-3	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Feb 2010	MW-20-3	NA	NA	5.0 U	0.010 U
MW-20 Screen 4	Apr/May 2009	MW-20-4	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 4	Apr/May 2009	DUPE-05-2Q09	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 4	Jul/Aug 2009	MW-20-4	NA	NA	5.0 U	0.010 U
MW-20 Screen 4	Nov/Dec 2009	MW-20-4	NA	NA	5.0 U	0.010 U
MW-20 Screen 4	Feb 2010	MW-20-4	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Apr/May 2009	MW-20-5	5.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 5	Jul/Aug 2009	MW-20-5	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Nov/Dec 2009	MW-20-5	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Feb 2010	MW-20-5	NA	NA	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-21 Screen 1	Apr/May 2009	MW-21-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-21 Screen 1	Jul/Aug 2009	MW-21-1	NA	NA	5.0 U	0.010 U
MW-21 Screen 1	Nov/Dec 2009	MW-21-1	NA	NA	5.0 U	0.010 U
MW-21 Screen 1	Feb 2010	MW-21-1	NA	NA	5.0 U	0.010 U
MW-21 Screen 1	Feb 2010	DUPE-1-1Q10	NA	NA	5.0 U	0.010 U
MW-21 Screen 2	Apr/May 2009	MW-21-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-21 Screen 2	Jul/Aug 2009	MW-21-2	NA	NA	5.0 U	0.010 U
MW-21 Screen 2	Nov/Dec 2009	MW-21-2	NA	NA	5.0 U	0.010 U
MW-21 Screen 2	Feb 2010	MW-21-2	NA	NA	5.0 U	0.010 U
MW-21 Screen 3	Apr/May 2009	MW-21-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-21 Screen 3	Jul/Aug 2009	MW-21-3	NA	NA	5.0 U	0.010 U
MW-21 Screen 3	Jul/Aug 2009	DUPE-4-3Q09	NA	NA	5.0 U	0.010 U
MW-21 Screen 3	Nov/Dec 2009	MW-21-3	NA	NA	5.0 U	0.010 U
MW-21 Screen 3	Feb 2010	MW-21-3	NA	NA	5.0 U	0.010 U
MW-21 Screen 4	Apr/May 2009	MW-21-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-21 Screen 4	Apr/May 2009	DUPE-03-2Q09	2.0 U	5.000 U	5.0 U	0.010 U
MW-21 Screen 4	Jul/Aug 2009	MW-21-4	NA	NA	5.0 U	0.010 U
MW-21 Screen 4	Nov/Dec 2009	MW-21-4	NA	NA	5.0 U	0.010 U
MW-21 Screen 4	Feb 2010	MW-21-4	NA	NA	5.0 U	0.010 U
MW-21 Screen 5	Apr/May 2009	MW-21-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-21 Screen 5	Jul/Aug 2009	MW-21-5	NA	NA	5.0 U	0.010 U
MW-21 Screen 5	Nov/Dec 2009	MW-21-5	NA	NA	5.0 U	0.010 U
MW-21 Screen 5	Feb 2010	MW-21-5	NA	NA	5.0 U	0.010 U
MW-22 Screen 1	Apr/May 2009	MW-22-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-22 Screen 1	Jul/Aug 2009	MW-22-1	NA	NA	5.0 U	0.010 U
MW-22 Screen 1	Nov/Dec 2009	MW-22-1	NA	NA	5.0 U	0.010 U
MW-22 Screen 1	Feb 2010	MW-22-1	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Apr/May 2009	MW-22-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-22 Screen 2	Jul/Aug 2009	MW-22-2	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Nov/Dec 2009	MW-22-2	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Feb 2010	MW-22-2	NA	NA	5.0 U	0.010 U
MW-22 Screen 3	Apr/May 2009	MW-22-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-22 Screen 3	Jul/Aug 2009	MW-22-3	NA	NA	5.0 U	0.010 U
MW-22 Screen 3	Nov/Dec 2009	MW-22-3	NA	NA	5.0 U	0.010 U
MW-22 Screen 3	Feb 2010	MW-22-3	NA	NA	5.0 U	0.010 U
MW-22 Screen 4	Apr/May 2009	MW-22-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-22 Screen 4	Nov/Dec 2009	MW-22-4	NA	NA	5.0 U	0.010 U
MW-22 Screen 4	Nov/Dec 2009	DUPE-04-4Q09	NA	NA	5.0 U	0.010 U
MW-22 Screen 5	Apr/May 2009	MW-22-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-22 Screen 5	Nov/Dec 2009	MW-22-5	NA	NA	5.0 U	0.010 U
MW-23 Screen 1	Apr/May 2009	MW-23-1	2.0 U	5.000 U	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-23 Screen 1	Jul/Aug 2009	MW-23-1	NA	NA	5.0 U	0.010 U
MW-23 Screen 1	Nov/Dec 2009	MW-23-1	NA	NA	5.0 U	0.010 U
MW-23 Screen 1	Feb 2010	MW-23-1	NA	NA	5.0 U	0.010 U
MW-23 Screen 2	Apr/May 2009	MW-23-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-23 Screen 2	Jul/Aug 2009	MW-23-2	NA	NA	5.0 U	0.010 U
MW-23 Screen 2	Nov/Dec 2009	MW-23-2	NA	NA	5.0 U	0.010 U
MW-23 Screen 2	Feb 2010	MW-23-2	NA	NA	5.0 U	0.010 U
MW-23 Screen 3	Apr/May 2009	MW-23-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-23 Screen 3	Jul/Aug 2009	MW-23-3	NA	NA	5.3	0.010 U
MW-23 Screen 3	Nov/Dec 2009	MW-23-3	NA	NA	5.0 U	0.010 U
MW-23 Screen 3	Feb 2010	MW-23-3	NA	NA	5.0 U	0.010 U
MW-23 Screen 4	Apr/May 2009	MW-23-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-23 Screen 4	Jul/Aug 2009	MW-23-4	NA	NA	5.0 U	0.010 U
MW-23 Screen 4	Nov/Dec 2009	MW-23-4	NA	NA	5.0 U	0.010 U
MW-23 Screen 4	Feb 2010	MW-23-4	NA	NA	5.0 U	0.010 U
MW-23 Screen 5	Apr/May 2009	MW-23-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-23 Screen 5	Nov/Dec 2009	MW-23-5	NA	NA	5.0 U	0.010 U
MW-24 Screen 1	Apr/May 2009	MW-24-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-24 Screen 1	Apr/May 2009	DUPE-02-2Q09	2.0 U	5.000 U	5.0 U	0.010 U
MW-24 Screen 1	Jul/Aug 2009	MW-24-1	NA	NA	8.6	0.010 U
MW-24 Screen 1	Nov/Dec 2009	MW-24-1	NA	NA	13.0	0.010 U
MW-24 Screen 1	Feb 2010	MW-24-1	NA	NA	25.0	NA
MW-24 Screen 1	Feb 2010	DUPE-5-1Q10	NA	NA	13.0	NA
MW-24 Screen 2	Apr/May 2009	MW-24-2	2.4	5.000 U	5.0 U	0.010 U
MW-24 Screen 2	Jul/Aug 2009	MW-24-2	NA	NA	5.0 U	0.010 U
MW-24 Screen 2	Nov/Dec 2009	MW-24-2	NA	NA	5.0 U	0.010 U
MW-24 Screen 2	Feb 2010	MW-24-2	NA	NA	5.0 U	NA
MW-24 Screen 3	Apr/May 2009	MW-24-3	3.0	5.000 U	5.0 U	0.010 U
MW-24 Screen 3	Apr/May 2009	DUPE-01-2Q09	3.5	5.000 U	5.0 U	0.010 U
MW-24 Screen 3	Jul/Aug 2009	MW-24-3	NA	NA	5.0 U	0.010 U
MW-24 Screen 3	Nov/Dec 2009	MW-24-3	NA	NA	5.0 U	0.010 U
MW-24 Screen 3	Feb 2010	MW-24-3	NA	NA	5.0 U	NA
MW-24 Screen 4	Apr/May 2009	MW-24-4	3.3	5.000 U	5.0 U	0.010 U
MW-24 Screen 4	Jul/Aug 2009	MW-24-4	NA	NA	5.0 U	0.010 U
MW-24 Screen 4	Nov/Dec 2009	MW-24-4	NA	NA	5.0 U	0.010 U
MW-24 Screen 4	Feb 2010	MW-24-4	NA	NA	5.0 U	NA
MW-24 Screen 5	Apr/May 2009	MW-24-5	3.2	5.000 U	5.0 U	0.010 U
MW-24 Screen 5	Nov/Dec 2009	MW-24-5	NA	NA	5.0 U	0.010 U
MW-25 Screen 1	Apr/May 2009	MW-25-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 1	Jul/Aug 2009	MW-25-1	NA	NA	5.0 U	0.010 U
MW-25 Screen 1	Nov/Dec 2009	MW-25-1	NA	NA	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-25 Screen 1	Feb 2010	MW-25-1	NA	NA	5.0 U	0.010 U
MW-25 Screen 2	Apr/May 2009	MW-25-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 2	Jul/Aug 2009	MW-25-2	NA	NA	5.0 U	0.010 U
MW-25 Screen 2	Nov/Dec 2009	MW-25-2	NA	NA	5.0 U	0.010 U
MW-25 Screen 2	Feb 2010	MW-25-2	NA	NA	5.0 U	0.010 U
MW-25 Screen 3	Apr/May 2009	MW-25-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 3	Apr/May 2009	DUPE-04-2Q09	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 3	Jul/Aug 2009	MW-25-3	NA	NA	5.0 U	0.010 U
MW-25 Screen 3	Nov/Dec 2009	MW-25-3	NA	NA	5.0 U	0.010 U
MW-25 Screen 3	Feb 2010	MW-25-3	NA	NA	5.0 U	0.010 U
MW-25 Screen 4	Apr/May 2009	MW-25-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 4	Jul/Aug 2009	MW-25-4	NA	NA	5.0 U	0.010 U
MW-25 Screen 4	Nov/Dec 2009	MW-25-4	NA	NA	5.0 U	0.010 U
MW-25 Screen 4	Nov/Dec 2009	DUPE-07-4Q09	NA	NA	5.0 U	0.010 U
MW-25 Screen 4	Feb 2010	MW-25-4	NA	NA	5.0 U	0.010 U
MW-25 Screen 5	Apr/May 2009	MW-25-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 5	Jul/Aug 2009	MW-25-5	NA	NA	5.0 U	0.010 U
MW-25 Screen 5	Nov/Dec 2009	MW-25-5	NA	NA	5.0 U	0.010 U
MW-25 Screen 5	Feb 2010	MW-25-5	NA	NA	5.0 U	0.010 U
MW-26 Screen 1	Apr/May 2009	MW-26-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-26 Screen 1	Jul/Aug 2009	MW-26-1	NA	NA	5.0 U	0.010 U
MW-26 Screen 1	Nov/Dec 2009	MW-26-1	NA	NA	5.0 U	0.010 U
MW-26 Screen 1	Feb 2010	MW-26-1	NA	NA	5.0 U	0.010 U
MW-26 Screen 2	Apr/May 2009	MW-26-2	3.0	5.000 U	5.0 U	0.010 U
MW-26 Screen 2	Jul/Aug 2009	MW-26-2	NA	NA	5.0 U	0.010 U
MW-26 Screen 2	Nov/Dec 2009	MW-26-2	NA	NA	5.0 U	0.010 U
MW-26 Screen 2	Feb 2010	MW-26-2	NA	NA	5.0 U	0.010 U
California Maximum Contaminant Level (MCL)			10	15 *	50	0.05 **
EPA Region IX Maximum Contaminant Level			50	15 *	100	NE

Notes

DUPE Field Duplicate

NA Not analyzed

NE Not established

* Interim Action Level - California Department of Health Services

** As of January 6, 2004, hexavalent chromium is regulated under the 50-µg/L MCL for total chromium.

DHS will be adopting an MCL that is specific for hexavalent chromium (DHS, 2004).

As of August 20, 2009, a draft PHG of 0.6 µg/L has been established by Cal/EPA (e.g., Health and Safety Code requirement to establish the MCL); however, the CDPH (formerly DHS) has not established an MCL.

J Indicates an estimated value.

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

TABLE 3
SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND PERCHLORATE REPORTED IN
MUNICIPAL PRODUCTION WELLS NEAR JPL DURING LAST FOUR SAMPLING EVENTS OF THE
LONG-TERM QUARTERLY GROUNDWATER SAMPLING PROGRAM

(All concentrations reported in µg/L.)

(Shaded values exceed State or Federal MCLs or action levels.)

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LINCOLN AVENUE WATER CO.	WELL 03	2/18/09	17.0	NA	NA	NA
		2/25/09	15.0	NA	NA	NA
		3/03/09	15.0	1.7	0.6	2.4
		3/10/09	15.0	NA	NA	NA
		3/17/09	17.0	NA	NA	NA
		3/24/09	18.0	NA	NA	NA
		3/31/09	18.0	NA	NA	NA
		4/07/09	19.0	1.6	0.6	2.5
		4/14/09	20.0	NA	NA	NA
		4/21/09	19.0	NA	NA	NA
		4/28/09	20.0	NA	NA	NA
		5/04/09	19.0	1.7	0.6	2.0
		5/12/09	17.0	NA	NA	NA
		5/19/09	20.0	NA	NA	NA
		5/26/09	21.0	NA	NA	NA
		6/01/09	19.0	1.6	0.6	2.3
		6/09/09	20.0	NA	NA	NA
		6/16/09	21.0	NA	NA	NA
		6/23/09	20.0	NA	NA	NA
		6/30/09	21.0	NA	NA	NA
		7/07/09	21.0	1.5	0.5 U	2.1
		7/14/09	21.0	NA	NA	NA
		7/21/09	24.0	NA	NA	NA
		7/28/09	24.0	NA	NA	NA
		8/04/09	24.0	0.7	0.6	1.9
		8/06/09	NA	1.4	0.5	2.0
		8/11/09	19.0	NA	NA	NA
		8/18/09	19.0	NA	NA	NA
		8/25/09	20.0	NA	NA	NA
		9/01/09	20.0	1.5	0.7	2.1
		9/08/09	25.0	NA	NA	NA
		9/15/09	25.0	NA	NA	NA
		9/29/09	27.0	NA	NA	NA
10/06/09	27.0	2.3	0.8	2.9		
10/13/09	28.0	NA	NA	NA		
10/20/09	28.0	NA	NA	NA		
10/27/09	28.0	NA	NA	NA		
11/10/09	29.0	1.4	0.7	2.6		
11/17/09	29.0	NA	NA	NA		
12/15/09	29.0	NA	NA	NA		
12/22/09	29.0	NA	NA	NA		
12/29/09	29.0	NA	NA	NA		
1/05/10	31.0	1.4	0.5	1.9		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LINCOLN AVENUE WATER CO. (con't)	WELL 03 (con't)	1/12/10	26.0	NA	NA	NA
		1/19/10	29.0	NA	NA	NA
		1/26/10	27.0	NA	NA	NA
		2/02/10	34.0	1.5	0.6	2.0
		2/09/10	30.0	NA	NA	NA
		2/16/10	31.0	NA	NA	NA
	WELL 05	2/18/09	13.0	NA	NA	NA
		2/24/09	13.0	NA	NA	NA
		3/10/09	13.0	2.0	0.7	2.6
		4/07/09	16.0	2.1	0.8	3.1
		4/14/09	16.0	NA	NA	NA
		4/21/09	14.0	NA	NA	NA
		4/28/09	15.0	NA	NA	NA
		5/04/09	14.0	2.2	0.7	2.4
		5/12/09	13.0	NA	NA	NA
		5/19/09	15.0	NA	NA	NA
		5/26/09	15.0	NA	NA	NA
		6/01/09	15.0	2.5	0.7	3.8
		6/09/09	15.0	NA	NA	NA
		6/16/09	15.0	NA	NA	NA
		6/23/09	15.0	NA	NA	NA
		7/07/09	16.0	2.2	0.8	2.9
		7/14/09	16.0	NA	NA	NA
		7/21/09	16.0	NA	NA	NA
		7/28/09	16.0	NA	NA	NA
		8/04/09	16.0	1.4	0.6	2.4
		8/06/09	NA	1.9	0.6	2.5
		8/11/09	12.0	NA	NA	NA
8/18/09	13.0	NA	NA	NA		
RUBIO CANON LAND & WATER ASSOCIATION	WELL 04	2/23/09	4.0 U	NA	NA	NA
		3/02/09	4.0 U	NA	NA	NA
		3/09/09	4.0 U	NA	NA	NA
		3/16/09	4.0 U	NA	NA	NA
		3/23/09	4.0 U	NA	NA	NA
		3/30/09	4.0 U	NA	NA	NA
		4/06/09	4.0 U	NA	NA	NA
		4/13/09	4.0 U	NA	NA	NA
		4/20/09	4.0 U	NA	NA	NA
		4/27/09	4.0 U	NA	NA	NA
		5/04/09	4.0 U	NA	NA	NA
		5/05/09	4.0 U	NA	NA	NA
		5/06/09	4.0 U	NA	NA	NA
		5/07/09	4.0 U	NA	NA	NA
		5/08/09	4.0 U	NA	NA	NA
		5/09/09	4.0 U	NA	NA	NA
		5/10/09	4.0 U	NA	NA	NA
		5/11/09	4.0 U	NA	NA	NA
		5/12/09	4.0 U	NA	NA	NA
		5/13/09	4.0 U	NA	NA	NA
5/14/09	4.0 U	NA	NA	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 04 (con't)	5/15/09	4.0 U	NA	NA	NA
		5/16/09	4.0 U	NA	NA	NA
		5/17/09	4.0 U	NA	NA	NA
		5/18/09	4.0 U	NA	NA	NA
		5/19/09	4.0 U	NA	NA	NA
		5/20/09	4.0 U	NA	NA	NA
		5/21/09	4.0 U	NA	NA	NA
		5/22/09	4.0 U	NA	NA	NA
		5/23/09	4.0 U	NA	NA	NA
		5/24/09	4.0 U	NA	NA	NA
		5/25/09	4.0 U	NA	NA	NA
		5/26/09	4.0 U	NA	NA	NA
		5/27/09	4.0 U	NA	NA	NA
		5/29/09	4.0 U	NA	NA	NA
		5/30/09	4.0 U	NA	NA	NA
		5/31/09	4.0 U	NA	NA	NA
		6/01/09	4.0 U	NA	NA	NA
		6/02/09	4.0 U	NA	NA	NA
		6/03/09	4.0 U	NA	NA	NA
		6/04/09	4.0 U	NA	NA	NA
		6/05/09	4.0 U	NA	NA	NA
		6/06/09	4.0 U	NA	NA	NA
		6/07/09	4.0 U	NA	NA	NA
		6/08/09	4.0 U	NA	NA	NA
		6/09/09	4.0 U	NA	NA	NA
		6/10/09	4.0 U	NA	NA	NA
		6/11/09	4.0 U	NA	NA	NA
		6/12/09	4.0 U	NA	NA	NA
		6/15/09	4.0 U	NA	NA	NA
		6/16/09	4.0 U	NA	NA	NA
		6/17/09	4.0 U	NA	NA	NA
		6/18/09	4.0 U	NA	NA	NA
		6/19/09	4.0 U	NA	NA	NA
		6/22/09	4.0 U	NA	NA	NA
		6/23/09	4.0 U	NA	NA	NA
		6/24/09	4.0 U	NA	NA	NA
		6/25/09	4.0 U	NA	NA	NA
		6/29/09	4.0 U	NA	NA	NA
		7/06/09	4.0 U	NA	NA	NA
		7/13/09	4.0 U	NA	NA	NA
		7/20/09	4.0 U	NA	NA	NA
		7/27/09	4.0 U	NA	NA	NA
8/03/09	4.0 U	NA	NA	NA		
8/05/09	4.0 U	NA	NA	NA		
8/10/09	4.0 U	NA	NA	NA		
8/17/09	4.0 U	NA	NA	NA		
8/24/09	4.0 U	NA	NA	NA		
8/31/09	4.0 U	NA	NA	NA		
9/08/09	4.0 U	NA	NA	NA		
9/14/09	4.0 U	NA	NA	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE	
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 04 (con't)	9/21/09	4.0 U	NA	NA	NA	
		9/28/09	4.0 U	NA	NA	NA	
		10/05/09	4.0 U	NA	NA	NA	
		10/12/09	4.0 U	NA	NA	NA	
		11/02/09	4.0 U	NA	NA	NA	
		11/09/09	4.0 U	NA	NA	NA	
		11/16/09	4.0 U	NA	NA	NA	
		12/14/09	4.0 U	NA	NA	NA	
		12/21/09	4.0 U	NA	NA	NA	
		12/28/09	4.0 U	NA	NA	NA	
		1/04/10	4.0 U	NA	NA	NA	
		1/11/10	4.0 U	NA	NA	NA	
		2/08/10	4.0 U	NA	NA	NA	
		2/16/10	4.0 U	NA	NA	NA	
	WELL 07	2/23/09	4.0 U	NA	NA	NA	NA
		3/02/09	4.0 U	NA	NA	0.7	NA
		3/09/09	4.0 U	NA	NA	NA	NA
		3/16/09	4.0 U	NA	NA	NA	NA
		3/23/09	4.0 U	NA	NA	NA	NA
		3/30/09	4.0 U	NA	NA	NA	NA
		4/06/09	4.0 U	NA	NA	NA	NA
		4/08/09	NA	NA	NA	0.6	NA
		4/13/09	4.0 U	NA	NA	NA	NA
		4/20/09	4.0 U	NA	NA	NA	NA
		4/27/09	4.0 U	NA	NA	NA	NA
		5/04/09	4.0 U	NA	NA	NA	NA
		5/05/09	4.0 U	NA	NA	NA	NA
		5/06/09	4.0 U	NA	NA	NA	NA
		5/07/09	4.0 U	NA	NA	NA	NA
		5/08/09	4.0 U	NA	NA	NA	NA
		5/09/09	4.0 U	NA	NA	NA	NA
		5/10/09	4.0 U	NA	NA	NA	NA
		5/11/09	4.0 U	NA	NA	NA	NA
		5/12/09	4.0 U	NA	NA	NA	NA
		5/13/09	4.0 U	NA	NA	NA	NA
		5/14/09	4.0 U	NA	NA	NA	NA
		5/15/09	4.0 U	NA	NA	NA	NA
		5/16/09	4.0 U	NA	NA	NA	NA
		5/17/09	4.0 U	NA	NA	NA	NA
		5/18/09	4.0 U	NA	NA	NA	NA
		5/19/09	4.0 U	NA	NA	NA	NA
		5/20/09	4.0 U	NA	NA	NA	NA
5/21/09		4.0 U	NA	NA	NA	NA	
5/22/09		4.0 U	NA	NA	NA	NA	
5/23/09	4.0 U	NA	NA	NA	NA		
5/24/09	4.0 U	NA	NA	NA	NA		
5/25/09	4.0 U	NA	NA	NA	NA		
5/26/09	4.0 U	NA	NA	NA	NA		
5/27/09	4.0 U	NA	NA	NA	NA		
5/29/09	4.0 U	NA	NA	NA	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	5/30/09	4.0 U	NA	NA	NA
		5/31/09	4.0 U	NA	NA	NA
		6/01/09	4.0 U	NA	NA	NA
		6/02/09	4.0 U	NA	NA	NA
		6/03/09	4.0 U	NA	NA	NA
		6/04/09	4.0 U	NA	NA	NA
		6/05/09	4.0 U	NA	NA	NA
		6/06/09	4.0 U	NA	NA	NA
		6/07/09	4.0 U	NA	NA	NA
		6/08/09	4.0 U	NA	NA	NA
		6/09/09	4.0 U	NA	NA	NA
		6/10/09	4.0 U	NA	NA	NA
		6/11/09	4.0 U	NA	NA	NA
		6/12/09	4.0 U	NA	NA	NA
		6/15/09	4.0 U	NA	NA	NA
		6/16/09	4.0 U	NA	NA	NA
		6/17/09	4.0 U	NA	NA	NA
		6/18/09	4.0 U	NA	NA	NA
		6/19/09	4.0 U	NA	NA	NA
		6/22/09	4.0 U	NA	NA	NA
		6/23/09	4.0 U	NA	NA	NA
		6/24/09	4.0 U	NA	NA	NA
		6/25/09	4.0 U	NA	NA	NA
		6/29/09	4.0 U	NA	NA	NA
		7/06/09	4.0 U	NA	0.5 U	NA
		7/13/09	4.0 U	NA	NA	NA
		7/20/09	4.0 U	NA	NA	NA
		7/27/09	4.0 U	NA	NA	NA
		8/03/09	4.0 U	NA	0.5 U	NA
		8/05/09	4.0 U	NA	NA	NA
		8/10/09	4.0 U	NA	NA	NA
		8/17/09	4.0 U	NA	NA	NA
		8/24/09	4.0 U	NA	NA	NA
		8/31/09	4.0 U	NA	NA	NA
		9/08/09	4.0 U	NA	0.5 U	NA
		9/14/09	4.0 U	NA	NA	NA
		9/21/09	4.0 U	NA	NA	NA
		9/28/09	4.0 U	NA	NA	NA
		10/05/09	4.0 U	NA	0.5 U	NA
		10/12/09	4.0 U	NA	NA	NA
		10/19/09	4.0 U	NA	NA	NA
10/26/09	4.0 U	NA	NA	NA		
11/02/09	4.0 U	NA	0.5 U	NA		
11/09/09	4.0 U	NA	NA	NA		
11/16/09	4.0 U	NA	NA	NA		
12/14/09	4.0 U	NA	NA	NA		
12/21/09	4.0 U	NA	NA	NA		
12/28/09	4.0 U	NA	NA	NA		
1/04/10	4.0 U	NA	0.7	NA		
1/11/10	4.0 U	NA	NA	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	2/08/10	4.0 U	NA	0.9	NA
		2/16/10	4.0 U	NA	NA	NA
LAS FLORES WATER CO.	WELL 02	2/23/09	4.7	NA	0.8	NA
		3/02/09	4.2	NA	0.8	NA
		3/09/09	4.4	NA	0.8	NA
		3/16/09	4.4	NA	0.7	NA
		3/23/09	5.7	NA	0.7	NA
		3/30/09	4.9	NA	0.7	NA
		4/06/09	5.8	NA	0.7	NA
		4/13/09	5.8	NA	0.5	NA
		4/20/09	6.3	NA	0.6	NA
		4/27/09	5.5	NA	0.8	NA
		5/04/09	6.3	NA	0.8	NA
		5/11/09	6.0	NA	0.8	NA
		5/18/09	5.7	NA	0.7	NA
		6/01/09	5.9	NA	0.7	NA
		6/08/09	6.0	NA	0.8	NA
		6/15/09	5.5	NA	0.8	NA
		6/22/09	5.8	NA	0.7	NA
		6/29/09	5.9	NA	0.8	NA
		7/06/09	4.5	NA	0.8	NA
		7/13/09	4.0 U	NA	0.8	NA
		7/20/09	5.4	NA	0.6	NA
		7/27/09	5.3	NA	0.7	NA
		8/03/09	5.4	NA	0.8	NA
		8/10/09	5.7	NA	0.5 U	NA
		8/17/09	4.5	NA	0.7	NA
		8/24/09	4.1	NA	0.7	NA
		8/31/09	4.4	NA	0.7	NA
		9/08/09	5.5	NA	0.5	NA
		9/14/09	5.5	NA	0.6	NA
		9/21/09	5.4	NA	0.6	NA
		9/28/09	5.6	NA	4.4	NA
		10/05/09	7.1	NA	1.0	NA
		10/12/09	5.5	NA	0.5	NA
		10/19/09	6.1	NA	0.6	NA
		10/26/09	5.3	NA	0.5	NA
		11/02/09	5.5	NA	0.5 U	NA
		11/09/09	5.2	NA	0.6	NA
		11/16/09	5.4	NA	0.8	NA
		12/14/09	5.4	NA	0.6	NA
		12/21/09	5.3	NA	0.7	NA
12/28/09	5.7	NA	0.8	NA		
1/04/10	6.3	NA	0.5 U	NA		
1/11/10	5.2	NA	0.6	NA		
1/18/10	5.0	NA	0.5 U	NA		
2/01/10	5.7	NA	0.5 U	NA		
2/08/10	6.0	NA	0.7	NA		
2/16/10	6.4	NA	0.6	NA		
LA CANADA IRRIGATION DIST.	WELL 01	2/23/09	4.0 U	NA	NA	NA

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE	
LA CANADA IRRIGATION DIST. (con't)	WELL 01 (con't)	3/16/09	NA	0.5 U	0.7	1.8	
		8/10/09	4.0 U	NA	NA	NA	
	WELL 06	3/16/09	NA	NA	0.5 U	0.5 U	
		6/15/09	NA	NA	0.5 U	0.6	
		9/28/09	4.0 U	NA	0.5 U	0.6	
		12/28/09	NA	0.5 U	0.7	2.0	
VALLEY WATER CO.	WELL 01	5/18/09	NA	0.5 U	1.4	0.5 U	
		6/01/09	4.0 U	NA	NA	NA	
		6/09/09	4.0	0.5 U	1.6	1.1	
		7/07/09	4.0 U	0.5 U	1.9	1.0	
		8/04/09	4.4	0.5 U	2.2	1.1	
		9/08/09	4.2	0.5 U	2.7	1.2	
		10/05/09	4.1	NA	NA	NA	
		10/26/09	NA	0.5 U	2.2	1.2	
	WELL 02	11/03/09	4.0 U	0.5 U	1.6	1.0	
		3/10/09	4.0 U	0.5 U	0.5 U	0.5 U	
		5/18/09	NA	0.5 U	4.3	0.7	
		6/09/09	4.7	0.5 U	3.9	0.6	
		7/07/09	4.0 U	0.5 U	4.2	0.6	
	WELL 03	8/04/09	4.5	0.5 U	4.2	0.6	
		5/18/09	NA	0.5 U	2.2	1.2	
		6/09/09	5.4	0.5 U	1.9	1.0	
		7/07/09	4.7	0.5 U	1.7	0.9	
	WELL 04	8/04/09	5.4	0.5 U	1.7	0.9	
		5/18/09	NA	0.5 U	1.6	1.0	
		6/09/09	4.0 U	0.5 U	1.6	0.6	
		7/07/09	4.0	0.5 U	2.2	0.7	
		8/04/09	4.3	0.5 U	2.2	1.2	
		9/08/09	4.4	0.5 U	2.4	1.4	
		10/05/09	4.4	NA	NA	NA	
	10/26/09	NA	0.5 U	2.2	1.1		
	California Maximum Contaminant Level (MCL)			6.0 *	0.5	5.0	5.0
	EPA Region IX Maximum Contaminant Level			NE	5.0	5.0	5.0
	<p>Notes</p> <p>NA Not analyzed</p> <p>NE Not established</p> <p>* Interim Action Level - California Department of Public Health</p> <p>Source California Department of Public Health Drinking Water Program, California Drinking Water Data, January 4, 2005</p> <p>U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.</p>						

TABLE 4
TENTATIVELY IDENTIFIED COMPOUNDS
IN SAMPLES COLLECTED DURING THE FEB 2010 SAMPLING EVENT

(All concentrations reported in µg/L.)

Sampling Location	Sample Type	Tentatively Identified Compound	Concentration
MW-11-1	NORMAL	Sulfur dioxide	0.0026
MW-11-2	NORMAL	Sulfur dioxide	0.0056
MW-11-3	NORMAL	Sulfur dioxide	0.0059
MW-11-4	NORMAL	Sulfur dioxide	0.0045
MW-12-4	NORMAL	Sulfur dioxide	0.0021
MW-14-5	NORMAL	Sulfur dioxide	0.0021
MW-18-4	NORMAL	Sulfur dioxide	0.0025
MW-18-5	NORMAL	Sulfur dioxide	0.0051
MW-20-1	NORMAL	Sulfur dioxide	0.0046
MW-20-2	NORMAL	Sulfur dioxide	0.003
MW-20-3	NORMAL	Sulfur dioxide	0.0094
MW-20-4	NORMAL	Sulfur dioxide	0.016
MW-20-5	NORMAL	Sulfur dioxide	0.015
MW-24-3	NORMAL	Sulfur dioxide	0.0072
MW-25-5	NORMAL	Sulfur dioxide	0.015
MW-3-3	NORMAL	Sulfur dioxide	0.0046
MW-3-4	NORMAL	Sulfur dioxide	0.025
MW-3-4	DUP	Sulfur dioxide	0.026
MW-4-3	NORMAL	Sulfur dioxide	0.0048