



Technical Memorandum

2009 Groundwater Monitoring Summary (Including Fourth Quarter 2009 Sampling Event) National Aeronautics and Space Administration, Jet Propulsion Laboratory, Pasadena, California

Final

February 2010

This technical memorandum summarizes the results for the fourth quarter 2009 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 fourth quarter 2009 sampling event, groundwater samples were collected from 25 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. Table 1-1 summarizes contaminants detected in quality control samples. Figure 1 shows the location of all JPL monitoring wells.

Several figures are included in this technical memorandum to show the chemical concentrations detected in samples collected from the JPL monitoring wells during the fourth quarter 2009 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);

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

- Perimeter off-facility wells (MW-1, MW-3, MW-4, MW-5, MW-9, MW-10, MW-12, MW-14, and MW-15); and
- 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 fourth quarter 2009 sampling event, concentrations of perchlorate in excess of the state maximum contaminant level (MCL) (6.0 micrograms per liter [$\mu\text{g}/\text{L}$]) were reported in samples collected from wells MW-13 (182 $\mu\text{g}/\text{L}$) and MW-24 (Screen 3 [27.9] $\mu\text{g}/\text{L}$).
- Perchlorate was detected in MW-24 (Screens 1 [1.1] $\mu\text{g}/\text{L}$ and 2 [2.6] $\mu\text{g}/\text{L}$) below the state MCL of 6.0 $\mu\text{g}/\text{L}$.
- Perchlorate concentrations increased in MW-24 (Screen 3) from the third quarter to the fourth quarter 2009 (non-detect to 27.9] $\mu\text{g}/\text{L}$).
- Perchlorate concentrations decreased from the third quarter 2009 to the fourth quarter 2009 in MW-13 (1,110 $\mu\text{g}/\text{L}$ to 182 $\mu\text{g}/\text{L}$) and MW-24 (Screens 1 [4.0 $\mu\text{g}/\text{L}$ to 1.1] $\mu\text{g}/\text{L}$] and 2 [10.2 $\mu\text{g}/\text{L}$ to 2.6] $\mu\text{g}/\text{L}$).
- Perchlorate concentrations in MW-7, MW-16, and MW-24 (Screens 4 and 5) were non-detect during the fourth quarter 2009, with a detection limit of 1.0 $\mu\text{g}/\text{L}$.

VOC ANALYTICAL RESULTS

- Carbon tetrachloride concentrations in the on-facility source wells were non-detect during the fourth quarter 2009 sampling event, with a detection limit of 0.5 $\mu\text{g}/\text{L}$.
- From the third quarter to the fourth quarter 2009, carbon tetrachloride concentrations decreased in MW-16 (1.6 $\mu\text{g}/\text{L}$ to non-detect).
- TCE concentrations in the on-facility source wells were non-detect during the fourth quarter 2009 sampling event, with a detection limit of 0.5 $\mu\text{g}/\text{L}$.
- PCE was detected in MW-13 at 1.0 $\mu\text{g}/\text{L}$, which is below the state and federal MCL of 5.0 $\mu\text{g}/\text{L}$.

OTHER NOTABLE DETECTIONS

- During the fourth quarter of 2009, Cr(VI)² was not detected in any of the on-facility wells.
- Total chromium was detected in MW-13 (12.0 µg/L) and MW-24 Screen 1 (13.0 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 (2.5 µg/L), MW-8 (203 µg/L), MW-11 (Screens 1 [1.6 µg/L], 4 [1.3 µg/L] and 5 [1.1 µg/L]), MW-22 (Screens 1 [2.8 µg/L], 2 [2.4 µg/L], 3 [2.8 µg/L] and 5 [1.3 µg/L]) and MW-23 (Screens 1 [2.8 µg/L], 2 [4.4 µg/L], 4 [1.0 µg/L] and 5 [1.0 µg/L]); however, MW-8 was the only well to exceed the state MCL of 6.0 µg/L.
- Perchlorate concentrations in MW-8 increased from 186 µg/L during the third quarter 2009 to 203 µg/L in the fourth quarter 2009. From the fourth quarter 2006 to the fourth quarter 2009, perchlorate concentrations in MW-8 have fluctuated from a low of 30 µg/L (second quarter 2008) to a high of 310 µg/L (first quarter 2008).
- Perchlorate was not detected in MW-11 (Screens 2 and 3), MW-22 (Screen 4) and MW-23 (Screen 3) with a detection limit of 1.0 µg/L.

VOC ANALYTICAL RESULTS

- Carbon tetrachloride was not detected in any of the other on-facility wells during the four quarters of 2009.
- Detections of TCE in MW-6, MW-22 (Screen 1) and MW-23 (Screens 1 and 2) were relatively consistent (low detections or non-detect) in 2009 and remained below the state and federal MCL of 5.0 µg/L.
- Throughout 2009, PCE detections were consistent in wells MW-6, MW-22 (Screen 1), MW-23 (Screen 1); 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 fourth quarter of 2009, Cr(VI) was not detected in any of the other on-facility wells with a detection limit of 10 µg/L.
- During the fourth quarter of 2009, total chromium was not detected in any of the other on-facility wells with a detection limit of 5.0 µg/L.
- During the four quarters of 2009, total chromium was detected in MW-8 and MW-23 (Screen 3); however, concentrations were below the state MCL of 50.0 µg/L.

PERIMETER OFF-FACILITY WELLS

² California DPH released a draft Public Health Goal (PHG) for hexavalent chromium of 0.006 µg/L on August 20, 2009.

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-1, MW-3, MW-4, MW-5, MW-9, MW-10, MW-12, MW-14, and MW-15.

PERCHLORATE ANALYTICAL RESULTS

- During the fourth quarter 2009, perchlorate was detected in six of the perimeter off-facility wells, including MW-3 (Screen 2), MW-4 (Screens 1 and 2), MW-5, MW-10, MW-12 (Screens 1 through 5) and MW-14 (Screens 1, 2, 3 and 4). Perchlorate concentrations exceeded the state MCL in MW-3 (Screen 2 [109 µg/L]), MW-4 (Screen 1 [96.0 µg/L]) and MW-5 (17.0 µg/L).
- During 2009, perchlorate concentrations in MW-3 (Screen 2) remained fairly consistent overall (98.7 µg/L, 121 µg/L, 109 µg/L for the first, second and fourth quarters, respectively) with exception to the third quarter (219 µg/L).
- In 2009, perchlorate concentrations in MW-4 (Screen 1) increased from 16.0 µg/L during the first quarter to 96.0 µg/L during the fourth quarter.
- 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 increased from the 8.3 µg/L during the first quarter 2009 to 17.0 µg/L in the fourth quarter 2009.
- In the fourth quarter 2009, perchlorate was detected at a concentration of 3.2 µg/L in MW-10. Perchlorate concentrations in this well have generally demonstrated a decreasing trend since July/September 2005.
- During the fourth quarter, perchlorate was detected at concentrations in MW-12 (Screens 1 through 5) at 1.3 µg/L, 2.4 µg/L, 3.2 µg/L, 2.9 µg/L and 1.1 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 fourth quarter of 2009, including Screens 1 (2.8 µg/L), 2 (3.3 µg/L), 3 (5.3 µg/L) and 4 (3.4 µg/L). Concentrations did not exceed the state MCL of 6.0 µg/L. Historically, perchlorate concentrations in MW-14 (Screens 1 through 4) are either non-detect or detected at concentrations below the state MCL.
- Perchlorate concentrations in MW-1, MW-3 (Screens 1, 3, 4 and 5), MW-4 (Screens 3, 4 and 5), MW-9, MW-14 (Screen 5) and MW-15 were non-detect during the fourth quarter 2009.
- Perchlorate concentrations in MW-1, MW-3 (Screens 1, 3 and 5), MW-4 (Screens 3, 4 and 5), MW-9, MW-14 (Screen 5) and MW-15 were non-detect throughout 2009.

VOC ANALYTICAL RESULTS

- During the fourth quarter 2009, carbon tetrachloride was detected in MW-3 (Screen 2) and MW-12 (Screens 3, and 4) at concentrations in excess of the state MCL (0.5 µg/L). The detected concentrations were 4.4 µg/L in MW-3 (Screen 2), 2.2 µg/L in MW-12 (Screen 3), and 1.1 µg/L in MW-12 (Screen 4).
- In 2009, concentrations of carbon tetrachloride in MW-3 (Screen 2) increased from non-detect in the three quarters to 4.4 µg/L during the fourth quarter.
- During the fourth quarter 2009, TCE was detected in wells MW-3 (Screen 2), MW-4 (Screen 2), MW-5, MW-10 and MW-14 (Screens 1, 2 and 3). Concentrations of TCE exceeded the state and federal MCL (5.0 µg/L) in MW-14 (Screen 2), with a concentration of 13.0 µg/L.
- TCE concentrations in MW-10 were below the state and federal MCL (5.0 µg/L) during all four quarters in 2009. Prior to the first quarter 2007, TCE concentrations had been consistently detected above the state and federal MCL of 5.0 µg/L.
- In 2009, TCE concentrations in MW-14 (Screen 1) ranged from 2.1 µg/L to 5.1 µg/L.
- TCE concentrations in MW-14 (Screen 2) were above the state and federal MCL (5.0 µg/L) during all four quarters in 2009, ranging from 7.1 µg/L to 13.0 µg/L.
- In 2009, TCE concentrations in MW-14 (Screen 3) ranged from 1.1 µg/L to 1.9 µg/L.
- In 2009, PCE was detected in 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 fourth quarter of 2009, Cr(VI) was not detected in any of the other on-facility wells with a detection limit of 10 µg/L.
- Total chromium was detected in MW-4 Screen 5 [5.2] µg/L) and MW-9 (13.0 µg/L), below the state MCL of 50.0 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 fourth quarter 2009, 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], MW-20 [Screens 4 and 5] and MW-25 [Screens 1 through 5]).
- Perchlorate in MW-17 (Screen 3) remained relatively stable through 2009, ranging from 10.2 µg/L to 13.9 µg/L. 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) remained relatively stable through 2009, ranging from 45.3 µg/L to 55.9 µg/L (Screen 3) and from 41.4 µg/L to 52.9 µg/L (Screen 4).
- Perchlorate in MW-19 (Screen 1) remained relatively stable through 2009, ranging from 5.3 µg/L to 7.1 µg/L. Traditionally, the perchlorate concentration in MW-19 (Screen 1) has been non-detect; however, starting the first quarter of 2008, perchlorate concentrations have not been

present except for the second and third quarter of 2008. During the last three sampling events, perchlorate has been detected at a concentration of 7.1 µg/L, which is above the state MCL (6.0 µg/L). Perchlorate results in MW-19 (Screen 1) will continue to be closely evaluated during subsequent sampling events.

- 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. Concentrations in MW-20 (Screens 4 and 5) have been above the state MCL in four of the last six quarters. Perchlorate results in MW-20 will continue to be closely evaluated during subsequent sampling events.
- During the fourth quarter 2009, perchlorate concentrations in Screens 1, 2, 3, 4 and 5 of MW-25 were detected above the state MCL (6.0 µg/L) at concentrations of 10.2 µg/L, 13.3 µg/L, 9.0 µg/L, 7.4 µg/L and 12.0 µg/L, respectively.
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- Perchlorate was detected at concentrations below the state MCL (6.0 µg/L) during the fourth quarter 2009 in MW-17 (Screen 2 [4.3 µg/L]), MW-18 (Screen 5 [2.7 µg/L]), MW-19 (Screens 2 [5.5 µg/L], 3 [2.9 µg/L], 4 [2.6 µg/L] and 5 [3.0 µg/L]), MW-20 (Screen 2 [3.4 µg/L]), MW-21 (Screens 1 [2.4 µg/L], 2 [1.8 µg/L], 3 [2.9 µg/L], 4 [2.8 µg/L] and 5 [3.8 µg/L]) and MW-26 (Screen 1 [2.3 µg/L]).
- Concentrations of perchlorate were not detected in MW-17 (Screens 1, 4 and 5), MW-18 (Screen 1), MW-20 (Screens 1 and 3) and MW-26 (Screen 2).

VOC ANALYTICAL RESULTS

- During the fourth quarter 2009, concentrations of carbon tetrachloride in excess of the state MCL (0.5 µg/L) were reported in samples collected from MW-18 (Screens 3 and 4), with concentrations of 4.7 µg/L and 16.0 µg/L, respectively. Carbon tetrachloride concentrations in MW-18 (Screen 4) have remained relatively stable during 2009.
- TCE was detected in six off-facility wells, including MW-17 (Screens 2 and 4), MW-18 (Screens 3 and 4), MW-19 (Screen 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 fourth quarter 2009.
- PCE was detected in five off-facility wells: MW-17 (Screen 2), MW-19 (Screens 2 and 5), MW-20 (Screen 3), MW-21 (Screens 2, 3, 4, and 5) and MW-25 (Screen 3); however, only MW-21 (Screen 2 [14.0 µg/L] and Screen 3 [8.6 µg/L]) exceeded the state and federal MCL (5.0 µg/L) during the fourth quarter 2009.
- Though PCE concentrations in well MW-21 (Screens 2 [second quarter of 2009] and 3 [third quarter of 2009]) were below the state and federal MCL (5.0 µg/L), PCE concentrations have primarily been present above the state and federal MCL (5.0 µg/L) since the second quarter 2006.

OTHER NOTABLE DETECTIONS

- During the fourth quarter of 2009, Cr(VI) was not detected in any of the other on-facility wells with a detection limit of 10 µg/L.
- Total chromium was not detected in any of the other on-facility wells during the fourth quarter 2009 with a detection 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 third quarter to the fourth quarter of 2009, groundwater levels decreased an average of approximately 21.9 ft. Groundwater levels in the fourth quarter 2009 sampling event continue to be higher than historical values, but have decreased by an average of 50.8 ft from the April 2005 highs.
- Groundwater level measurements collected during the fourth quarter of 2009 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)
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FIGURES

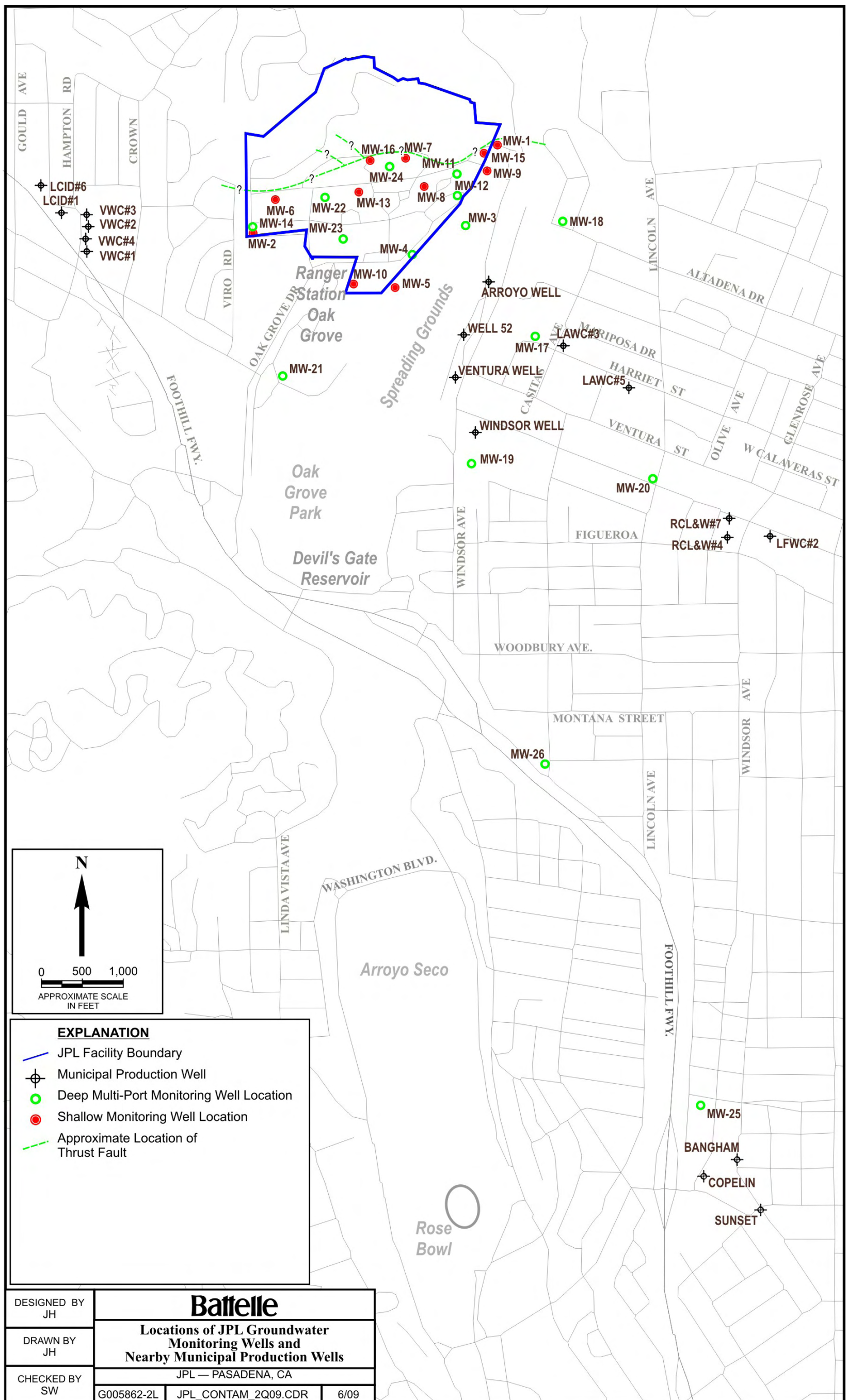


Figure 1.

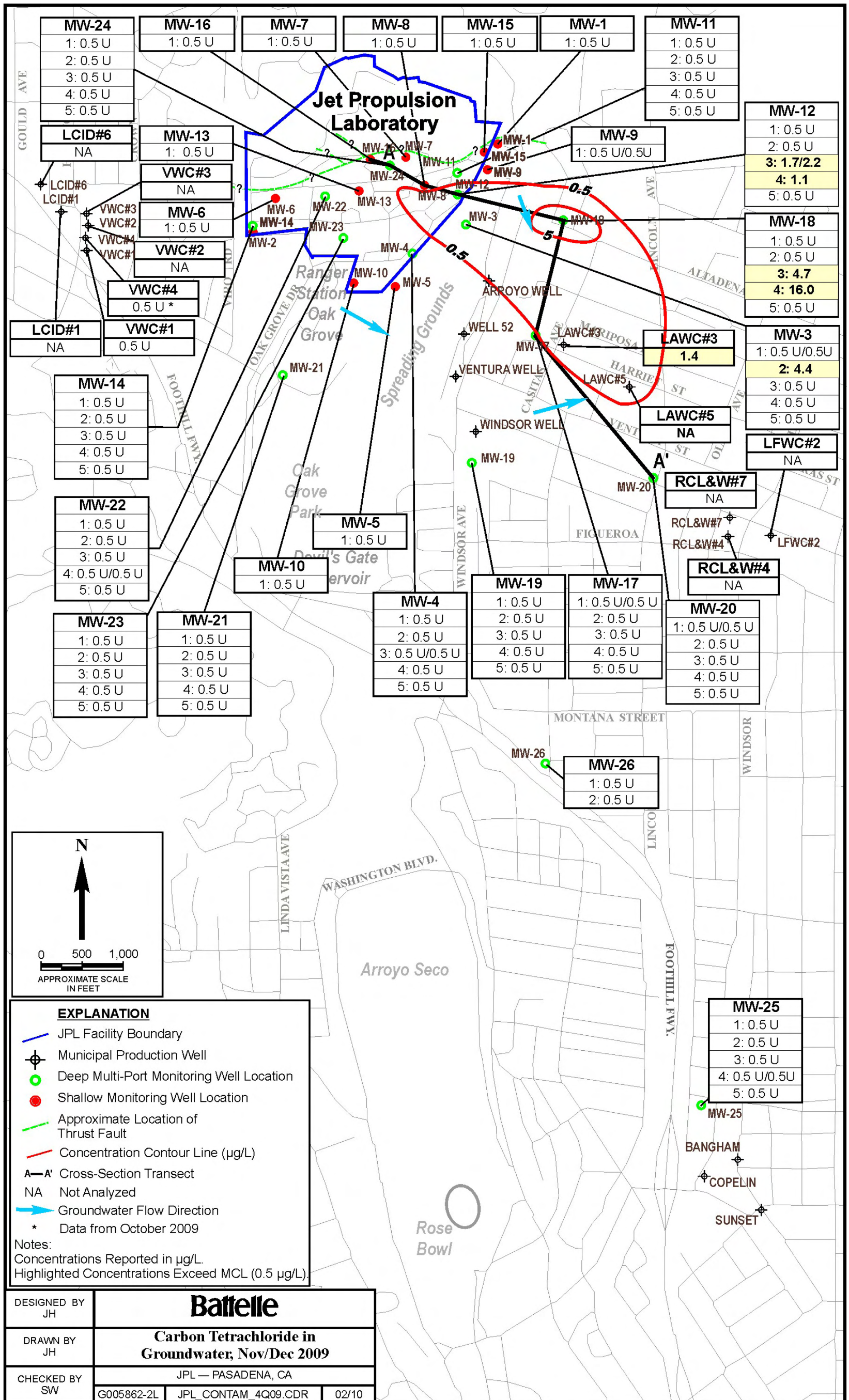


Figure 2.

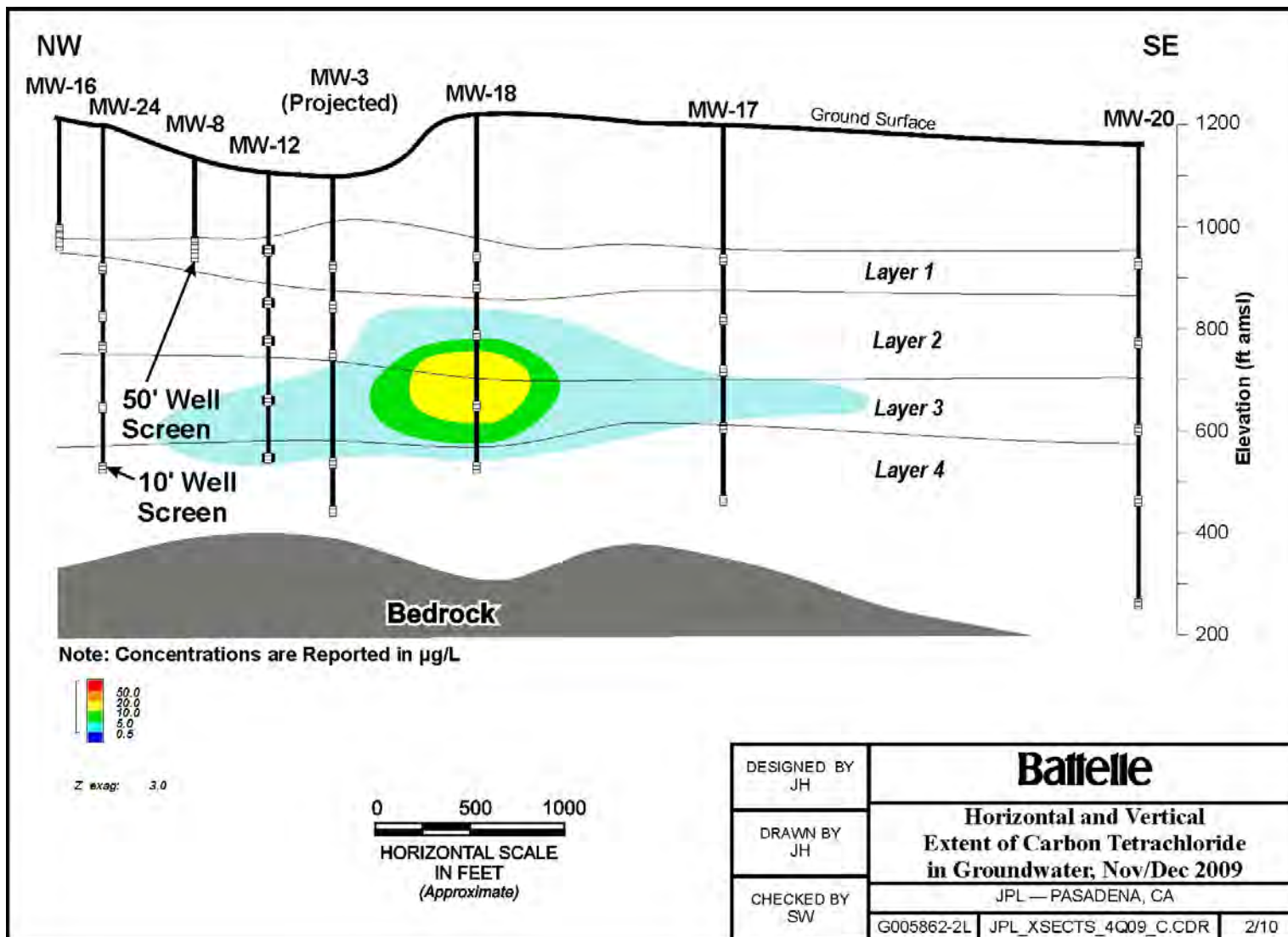


Figure 3.

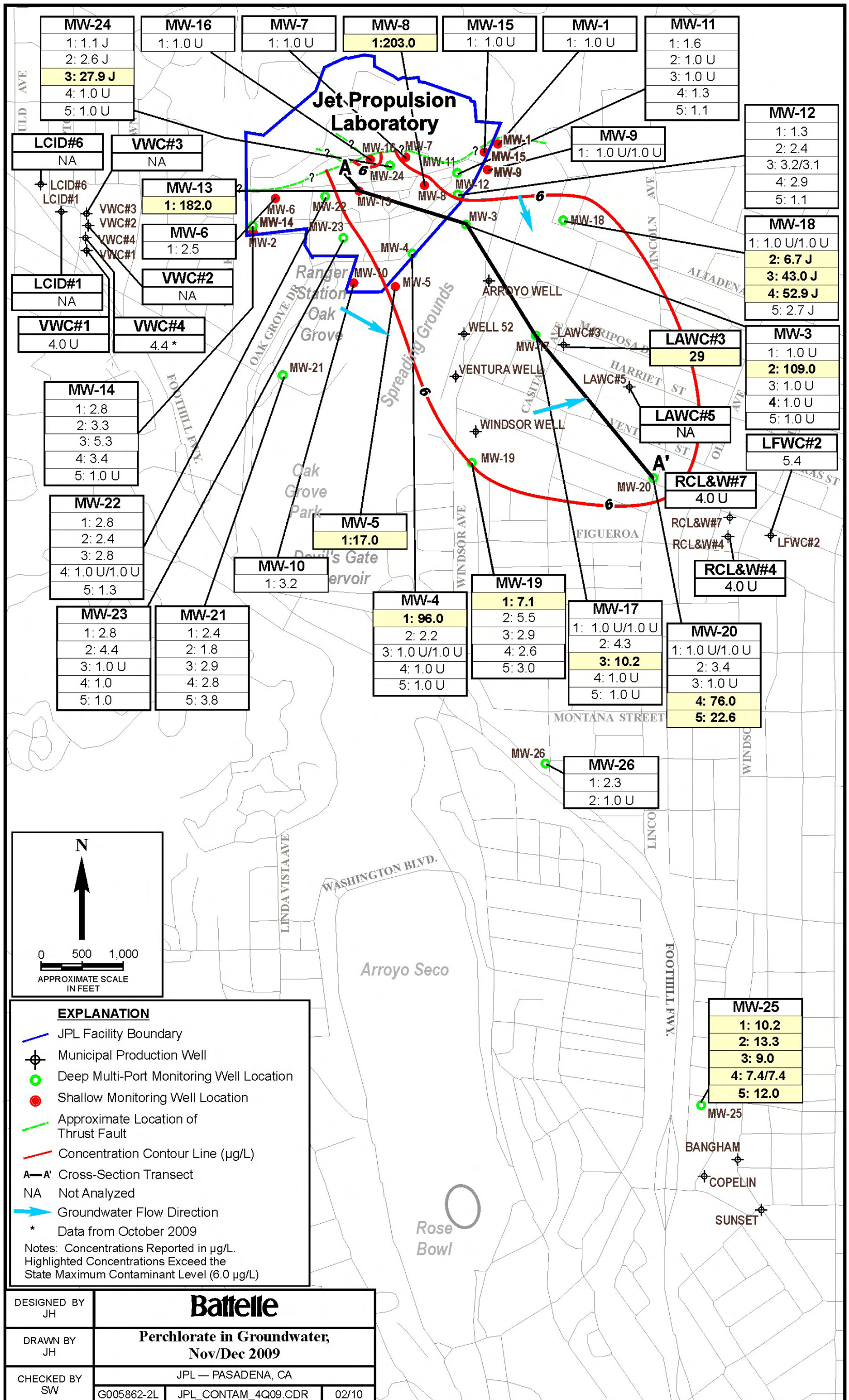


Figure 4.

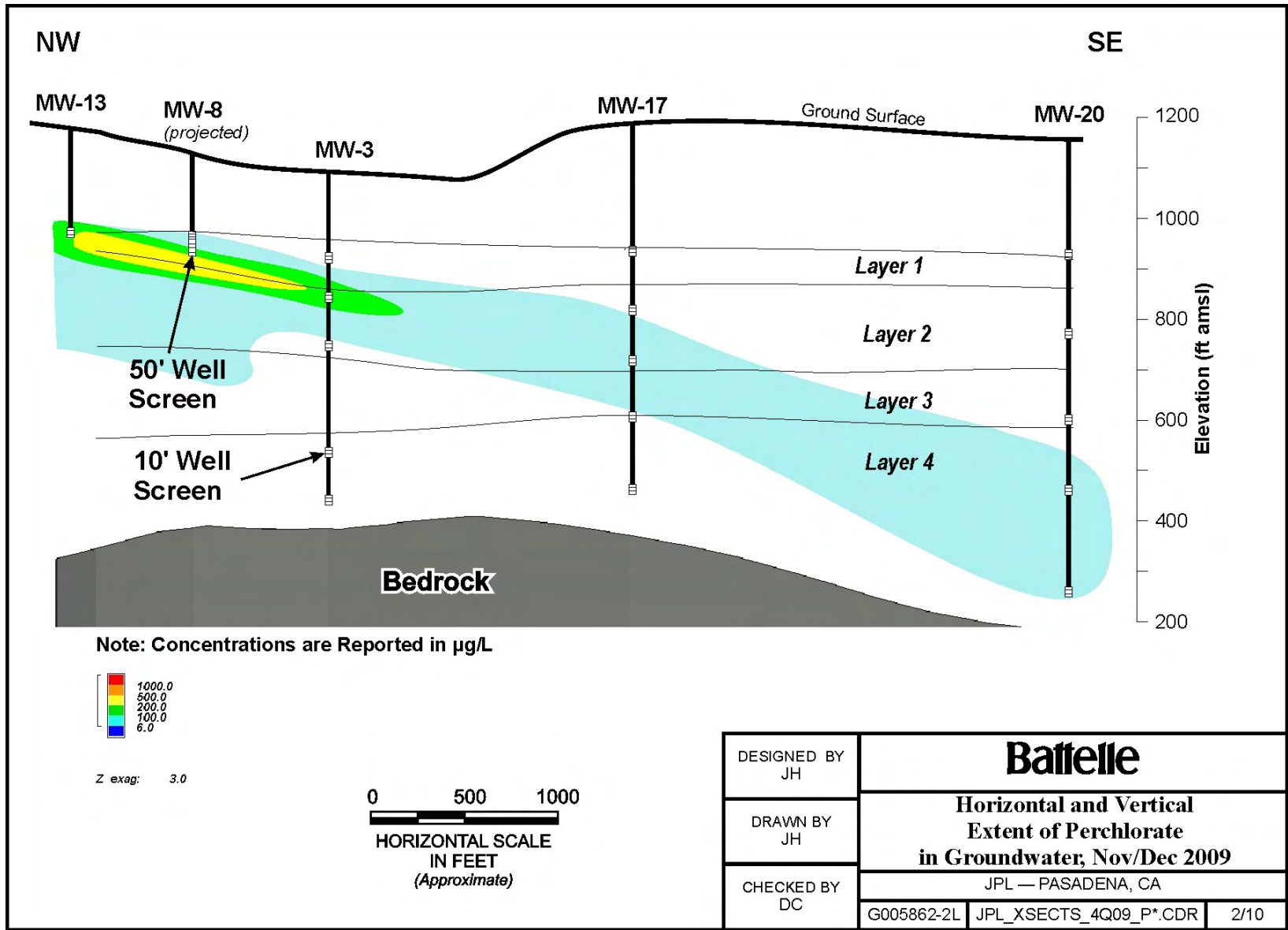


Figure 5.

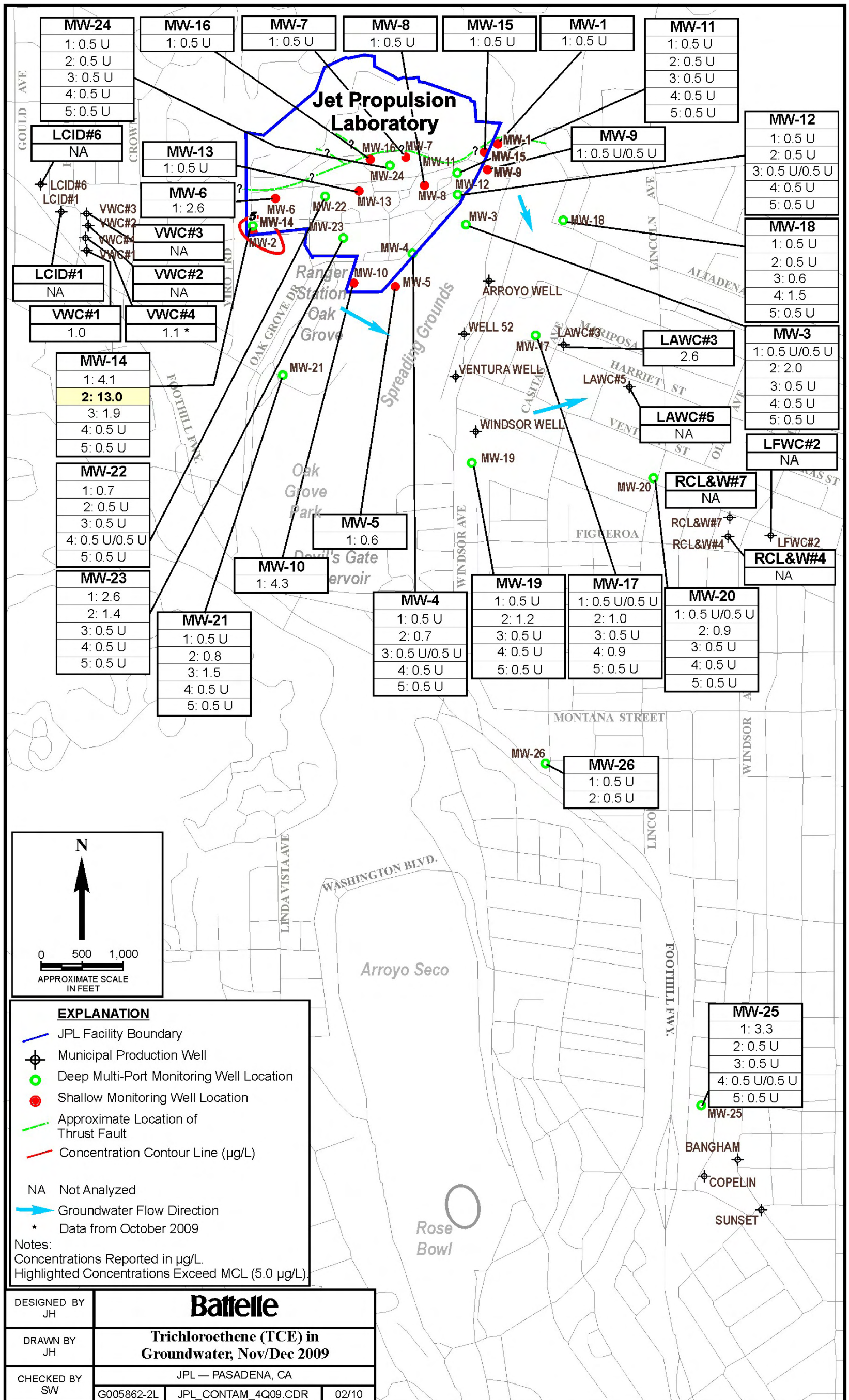


Figure 7.

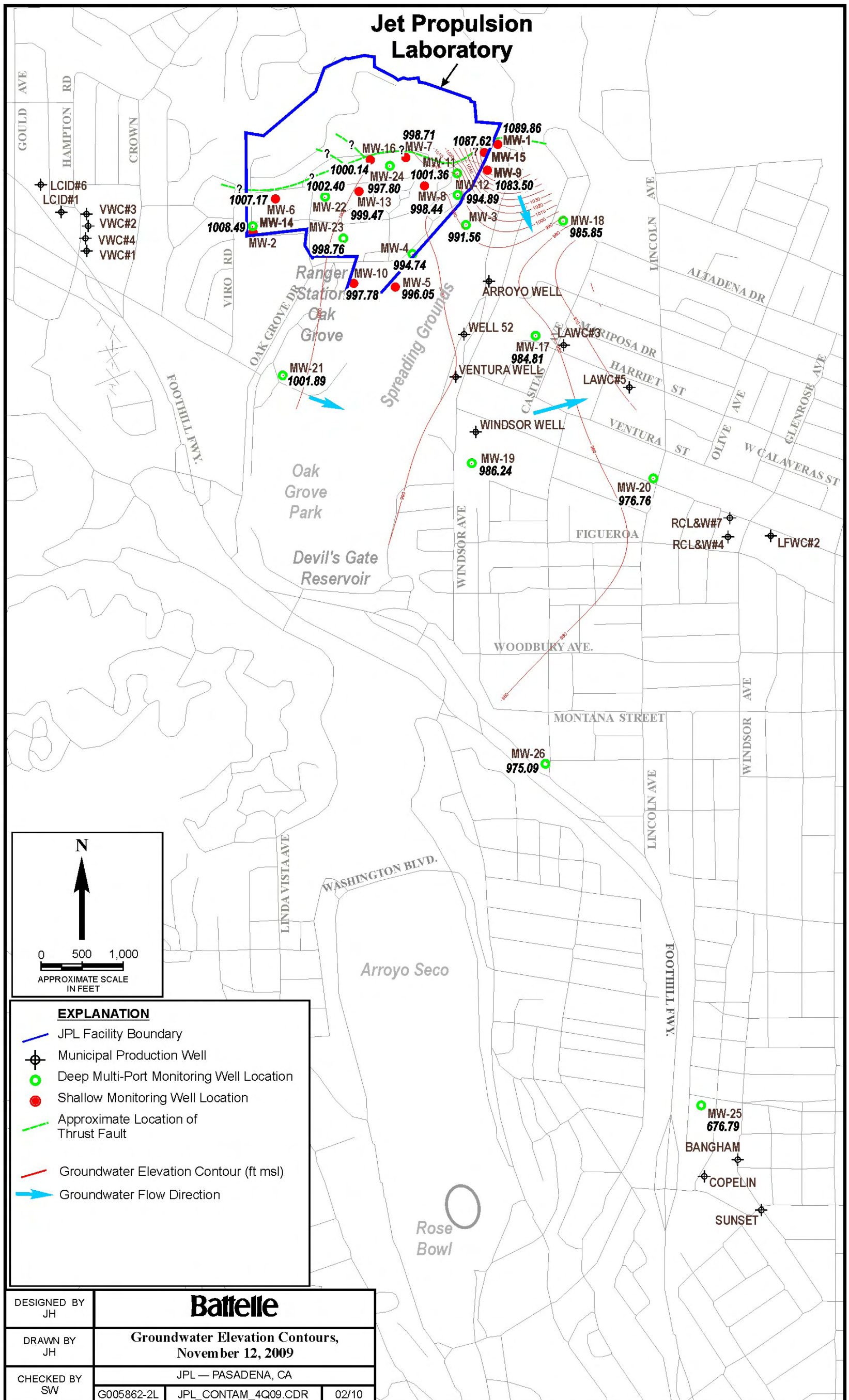


Figure 8.

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	Jan/Feb 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	0.7	98.7	Bromodichloromethane 1.0 Dibromochloromethane 1.1
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 3	Jan/Feb 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	Jan/Feb 2009	DUPE-05-1Q09	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	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 4	Jan/Feb 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	7.3	Ethylbenzene 0.6
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 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	Jan/Feb 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	16.0	
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 2	Jan/Feb 2009	MW-4-2	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-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	

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	Jan/Feb 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	2.1
												Styrene	0.5
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
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 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	Jan/Feb 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	8.3		
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-6	Jan/Feb 2009	MW-6	0.5 U	3.0	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.1		
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-7	Jan/Feb 2009	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	1.7		
MW-7	Jan/Feb 2009	DUPE-06-1Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	1.7		
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-8	Jan/Feb 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	171.0	Toluene	1.4
												Trichlorofluoromethane	1.5
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-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	Jan/Feb 2009	MW-10	0.5 U	3.2	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.5		
MW-10	Jan/Feb 2009	DUPE-07-1Q09	0.5 U	3.1	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.6	2.4		
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-11 Screen 1	Jan/Feb 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	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 2	Jan/Feb 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	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 3	Jan/Feb 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	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 4	Jan/Feb 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	1.9	
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 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	Jan/Feb 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 U	
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 2	Jan/Feb 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	2.2	
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 3	Jan/Feb 2009	MW-12-3	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8	1.0 U	
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 4	Jan/Feb 2009	MW-12-4	1.7	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	3.3	
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 5	Jan/Feb 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	1.6	
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	
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	

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-13	Jan/Feb 2009	MW-13	0.5 U	0.5 U	1.6	1.0	0.5 U	0.5 U	0.5 U	0.5 U	13.9	Toluene	1.0
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-14 Screen 1	Jan/Feb 2009	MW-14-1	0.5 U	5.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9		
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 2	Jan/Feb 2009	MW-14-2	0.5 U	8.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3		
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 3	Jan/Feb 2009	MW-14-3	0.5 U	1.6	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.0		
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 4	Jan/Feb 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	3.1		
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 5	Jan/Feb 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	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-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	Jan/Feb 2009	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.6	18.0	Bromodichloromethane	5.9
												Bromoform	2.6
												Dibromochloromethane	5.0
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	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		

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	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	
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	Jan/Feb 2009	MW-17-2	0.5 U	1.2	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.7	
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 3	Jan/Feb 2009	MW-17-3	0.9	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	13.9	
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 4	Jan/Feb 2009	MW-17-4	0.5 U	0.7	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	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 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	Jan/Feb 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	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 3	Jan/Feb 2009	MW-18-3	20.0	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.3	45.3	
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 4	Jan/Feb 2009	MW-18-4	14.0	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	41.4	
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 5	Jan/Feb 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	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-19 Screen 1	Jan/Feb 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	5.3	
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	

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	Jan/Feb 2009	MW-19-2	0.5 U	2.0	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.6	5.2	
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	
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 3	Jan/Feb 2009	MW-19-3	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	
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 4	Jan/Feb 2009	MW-19-4	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8	
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 5	Jan/Feb 2009	MW-19-5	0.5 U	0.5 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.6	
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-20 Screen 1	Jan/Feb 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	Jan/Feb 2009	DUPE-04-1Q09	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	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 2	Jan/Feb 2009	MW-20-2	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0	
MW-20 Screen 2	Jan/Feb 2009	DUPE-03-1Q09	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-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 3	Jan/Feb 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	3.7	
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 4	Jan/Feb 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	61.0	
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	

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-20 Screen 5	Jan/Feb 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	19.7		
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-21 Screen 1	Jan/Feb 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	2.7		
MW-21 Screen 1	Jan/Feb 2009	DUPE-01-1Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.0		
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		
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 2	Jan/Feb 2009	MW-21-2	0.5 U	0.6	6.6	0.5 U	0.5 U	0.5 U	0.5 U	1.3	2.5	cis-1,2-Dichloroethene	1.1
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 3	Jan/Feb 2009	MW-21-3	0.5 U	1.5	6.8	0.5 U	0.5 U	0.5 U	0.5 U	2.5	3.0	cis-1,2-Dichloroethene	1.1
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 4	Jan/Feb 2009	MW-21-4	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	5.8	2.2		
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 5	Jan/Feb 2009	MW-21-5	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	0.5 U	3.7	3.2		
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-22 Screen 1	Jan/Feb 2009	MW-22-1	0.5 U	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5		
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 2	Jan/Feb 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	2.3		
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 3	Jan/Feb 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	3.2		
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		

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-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	Jan/Feb 2009	MW-23-1	0.5 U	1.5	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.3		
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		
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 2	Jan/Feb 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 U	4.2		
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 3	Jan/Feb 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	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 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	Jan/Feb 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	2.6	326.0		
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 NDMA	1.0 0.00076 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 2	Jan/Feb 2009	MW-24-2	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14.6		
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 3	Jan/Feb 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	20.3		
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 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		

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 1	Jan/Feb 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 U	9.1	
MW-25 Screen 1	Jan/Feb 2009	DUPE-02-1Q09	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.8	
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 2	Jan/Feb 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	13.2	
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	
MW-25 Screen 3	Jan/Feb 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	0.9	8.2	
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	0.8	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	0.8	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	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	9.0	
MW-25 Screen 4	Jan/Feb 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	7.4	
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	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	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	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	7.4	
MW-25 Screen 5	Jan/Feb 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	1.0 U	
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	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	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	12.0	
MW-26 Screen 1	Jan/Feb 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	2.4	
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	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	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	2.3	
MW-26 Screen 2	Jan/Feb 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	1.0 U	
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	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	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	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	
Notes												
DUPE Field Duplicate												
NA Not analyzed												
NE Not established												
J Indicates an estimated value												
U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.												
UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.												
* Interm Action Level - California Department of Public Health												

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	5.0 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	5.0 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	Jan/Feb 2009	MW-3-2	NA	NA	5.0 U	0.010 U
MW-3 Screen 2	Apr/May 2009	MW-3-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Jan/Feb 2009	DUPE-05-1Q09	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Apr/May 2009	MW-3-3	2.0 U	5.0 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 4	Jan/Feb 2009	MW-3-4	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Apr/May 2009	MW-3-4	2.2	5.0 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 5	Apr/May 2009	MW-3-5	2.6	5.0 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	Jan/Feb 2009	MW-4-1	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Apr/May 2009	MW-4-1	2.0 U	5.0 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 2	Jan/Feb 2009	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Apr/May 2009	MW-4-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Apr/May 2009	MW-4-3	2.0 U	5.0 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 4	Apr/May 2009	MW-4-4	2.0 U	5.0 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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-4 Screen 5	Apr/May 2009	MW-4-5	2.0 U	5.0 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	Jan/Feb 2009	MW-5	NA	NA	5.0 U	0.010 U
MW-5	Apr/May 2009	MW-5	2.0 U	5.0 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-6	Jan/Feb 2009	MW-6	NA	NA	18.0	0.010 U
MW-6	Apr/May 2009	MW-6	2.0 U	5.0 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-7	Jan/Feb 2009	MW-7	NA	NA	5.0 U	0.010 U
MW-7	Jan/Feb 2009	DUPE-06-1Q09	NA	NA	5.0 U	0.010 U
MW-7	Apr/May 2009	MW-7	2.0 U	5.0 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-8	Jan/Feb 2009	MW-8	NA	NA	6.2	0.010 U
MW-8	Apr/May 2009	MW-8	2.0 U	12.0	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-9	Apr/May 2009	MW-9	2.0 U	5.0 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	Jan/Feb 2009	MW-10	NA	NA	15.0	0.010 U
MW-10	Jan/Feb 2009	DUPE-07-1Q09	NA	NA	11.0	0.010 U
MW-10	Apr/May 2009	MW-10	2.0 U	5.0 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-11 Screen 1	Jan/Feb 2009	MW-11-1	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Apr/May 2009	MW-11-1	2.0 U	5.0 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 2	Jan/Feb 2009	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 2	Apr/May 2009	MW-11-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-11-3	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Apr/May 2009	MW-11-3	2.0 U	5.0 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 4	Apr/May 2009	MW-11-4	2.0 U	5.0 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	5.0 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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-12 Screen 1	Jan/Feb 2009	MW-12-1	NA	NA	5.0 U	0.010 U
MW-12 Screen 1	Apr/May 2009	MW-12-1	2.0 U	5.0 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 2	Jan/Feb 2009	MW-12-2	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Apr/May 2009	MW-12-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-12-3	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Apr/May 2009	MW-12-3	2.0 U	5.0 U	5.0 U	0.010 U
MW-12 Screen 3	Apr/May 2009	DUPE-07-2Q09	2.0 U	5.0 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 4	Apr/May 2009	MW-12-4	2.0 U	5.0 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	5.0 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	Jan/Feb 2009	MW-13	NA	NA	31.0	0.010 U
MW-13	Apr/May 2009	MW-13	2.0 U	10.0	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-14 Screen 1	Jan/Feb 2009	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Apr/May 2009	MW-14-1	2.0 U	5.0 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 2	Jan/Feb 2009	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Apr/May 2009	MW-14-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Apr/May 2009	MW-14-3	2.0 U	5.0 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 4	Apr/May 2009	MW-14-4	2.0 U	5.0 U	5.0 U	0.010 U
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	5.0 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	Jan/Feb 2009	MW-15	NA	NA	15.0	0.010 U
MW-15	Apr/May 2009	MW-15	2.0 U	17.0	6.8	0.010 U
MW-15	Jul/Aug 2009	MW-15	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-15	Nov/Dec 2009	MW-15	NA	NA	5.0 U	0.010 U
MW-16	Jan/Feb 2009	MW-16	NA	NA	5.0 U	0.010 U
MW-16	Apr/May 2009	MW-16	2.0 U	13.0	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-17 Screen 1	Apr/May 2009	MW-17-1	2.0 U	5.0 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	Jan/Feb 2009	MW-17-2	NA	NA	5.0 U	0.010 U
MW-17 Screen 2	Apr/May 2009	MW-17-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-17-3	NA	NA	5.0 U	0.010 U
MW-17 Screen 3	Apr/May 2009	MW-17-3	2.0 U	5.0 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 4	Jan/Feb 2009	MW-17-4	NA	NA	5.0 U	0.010 U
MW-17 Screen 4	Apr/May 2009	MW-17-4	2.0 U	5.0 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 5	Apr/May 2009	MW-17-5	7.3	5.0 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	5.0 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	Jan/Feb 2009	MW-18-2	NA	NA	5.0 U	0.010 U
MW-18 Screen 2	Apr/May 2009	MW-18-2	2.0 U	5.0 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 3	Jan/Feb 2009	MW-18-3	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Apr/May 2009	MW-18-3	2.0 U	5.0 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 4	Jan/Feb 2009	MW-18-4	NA	NA	5.0 U	0.010 U
MW-18 Screen 4	Apr/May 2009	MW-18-4	2.0 U	5.0 U	5.0 U	0.010 U
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 5	Apr/May 2009	MW-18-5	2.0 U	5.0 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	5.0 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	5.0 U	5.3	0.010 U
MW-19 Screen 2	Nov/Dec 2009	MW-19-2	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-19 Screen 3	Apr/May 2009	MW-19-3	2.0 U	5.0 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	5.0 U	5.0 U	0.010 U
MW-19 Screen 4	Apr/May 2009	DUPE-08-2Q09	2.0 U	5.0 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	5.0 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	Jan/Feb 2009	MW-20-1	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Jan/Feb 2009	DUPE-04-1Q09	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 2	Jan/Feb 2009	MW-20-2	NA	NA	5.0 U	0.010 U
MW-20 Screen 2	Jan/Feb 2009	DUPE-03-1Q09	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 3	Jan/Feb 2009	MW-20-3	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 4	Jan/Feb 2009	MW-20-4	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 5	Jan/Feb 2009	MW-20-5	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-21 Screen 1	Jan/Feb 2009	MW-21-1	NA	NA	5.0 U	0.010 U
MW-21 Screen 1	Jan/Feb 2009	DUPE-01-1Q09	NA	NA	5.0 U	0.010 U
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 2	Jan/Feb 2009	MW-21-2	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 3	Jan/Feb 2009	MW-21-3	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-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 4	Jan/Feb 2009	MW-21-4	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 5	Jan/Feb 2009	MW-21-5	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-22 Screen 1	Jan/Feb 2009	MW-22-1	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 2	Jan/Feb 2009	MW-22-2	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 3	Jan/Feb 2009	MW-22-3	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 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	Jan/Feb 2009	MW-23-1	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
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 2	Jan/Feb 2009	MW-23-2	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 3	Jan/Feb 2009	MW-23-3	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 4	Jan/Feb 2009	MW-23-4	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-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 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	Jan/Feb 2009	MW-24-1	NA	NA	8.6	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 2	Jan/Feb 2009	MW-24-2	NA	NA	5.0 U	0.010 U
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 3	Jan/Feb 2009	MW-24-3	NA	NA	5.0 U	0.010 U
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 4	Jan/Feb 2009	MW-24-4	NA	NA	5.0 U	0.010 U
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 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	Jan/Feb 2009	MW-25-1	NA	NA	5.0 U	0.010 U
MW-25 Screen 1	Jan/Feb 2009	DUPE-02-1Q09	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
MW-25 Screen 2	Jan/Feb 2009	MW-25-2	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 3	Jan/Feb 2009	MW-25-3	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 4	Jan/Feb 2009	MW-25-4	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-25 Screen 4	Nov/Dec 2009	DUPE-07-4Q09	NA	NA	5.0 U	0.010 U
MW-25 Screen 5	Jan/Feb 2009	MW-25-5	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-26 Screen 1	Jan/Feb 2009	MW-26-1	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 2	Jan/Feb 2009	MW-26-2	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
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

E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.

J Indicates an estimated value

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

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

* 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 February 24, 2009, a draft PHG has not been established by Cal/EPA (e.g., Health and Safety Code requirement to establish the MCL), and therefore, the CDPH (formerly DHS) has not proceeded with the MCL process.

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	11/25/08	20.0	NA	NA	NA
		12/02/08	19.0	2.2	0.7	2.7
		12/17/08	16.0	NA	NA	NA
		12/23/08	16.0	NA	NA	NA
		12/30/08	19.0	NA	NA	NA
		1/06/09	19.0	1.8	0.8	2.9
		1/13/09	19.0	NA	NA	NA
		1/20/09	18.0	NA	NA	NA
		1/27/09	19.0	NA	NA	NA
		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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LINCOLN AVENUE WATER CO. (con't)	WELL 03 (con't)	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
	WELL 05	11/25/08	15.0	NA	NA	NA
		12/02/08	14.0	2.2	0.7	2.8
		12/17/08	12.0	NA	NA	NA
		12/23/08	12.0	NA	NA	NA
		12/30/08	14.0	NA	NA	NA
		1/06/09	14.0	1.6	0.7	2.5
		1/13/09	14.0	NA	NA	NA
		1/20/09	14.0	NA	NA	NA
		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	11/24/08	4.0 U	NA	NA	NA
		12/01/08	4.0 U	NA	NA	NA
		12/08/08	4.0 U	NA	NA	NA
		12/15/08	4.0 U	NA	NA	NA
		12/22/08	4.0 U	NA	NA	NA
		12/29/08	4.0 U	NA	NA	NA
		1/05/09	4.0 U	NA	NA	NA
		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

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 04 (con't)	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
		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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE	
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 04 (con't)	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	
		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	
		WELL 07	11/24/08	4.0 U	NA	NA	NA
	12/01/08		4.0 U	NA	NA	NA	NA
	12/08/08		4.0 U	NA	NA	NA	NA
	12/15/08		4.0 U	NA	NA	NA	NA
	12/22/08		4.0 U	NA	NA	NA	NA
	12/29/08		4.0 U	NA	NA	NA	NA
	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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	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	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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	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
LAS FLORES WATER CO.	WELL 02	12/01/08	5.6	NA	1.1	NA
		12/08/08	5.5	NA	1.1	NA
		12/15/08	4.8	NA	0.9	NA
		12/22/08	4.6	NA	0.9	NA
		12/29/08	4.6	NA	1.0	NA
		1/05/09	5.6	NA	0.9	NA
		1/12/09	5.5	NA	0.9	NA
		1/19/09	5.6	NA	1.0	NA
		1/26/09	5.2	NA	0.9	NA
		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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE	
LAS FLORES WATER CO. (cont.)	WELL 02 (cont.)	11/09/09	5.2	NA	0.6	NA	
		11/16/09	5.4	NA	0.8	NA	
LA CANADA IRRIGATION DIST.	WELL 01	12/22/08	NA	NA	0.7	1.6	
		2/23/09	4.0 U	NA	NA	NA	
		3/16/09	NA	0.5 U	0.7	1.8	
		8/10/09	4.0 U	NA	NA	NA	
	WELL 06	12/08/08	NA	0.5 U	0.5 U	0.5 U	
		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	
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

Notes

NA Not analyzed

NE Not established

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

* Interim Action Level - California Department of Public Health

Source California Department of Public Health Drinking Water Program, California Drinking Water Data, January 4, 2005

TABLE 4
TENTATIVELY IDENTIFIED COMPOUNDS
IN SAMPLES COLLECTED DURING THE NOV/DEC 2009 SAMPLING EVENT

(All concentrations reported in µg/L.)

Sampling Location	Sample Type	Tentatively Identified Compound	Concentration
MW-11-1	NORMAL	Sulfur dioxide	0.0045
MW-11-2	NORMAL	Sulfur dioxide	0.0071
MW-11-3	NORMAL	Sulfur dioxide	0.01
MW-11-4	NORMAL	Sulfur dioxide	0.0099
MW-11-5	NORMAL	Sulfur dioxide	0.0084
MW-12-2	NORMAL	Sulfur dioxide	0.0028
MW-12-3	NORMAL	Sulfur dioxide	0.009
MW-12-3	DUP	Sulfur dioxide	0.0074
MW-12-4	NORMAL	Sulfur dioxide	0.0085
MW-14-5	NORMAL	Sulfur dioxide	0.0064
MW-17-1	NORMAL	Sulfur dioxide	0.01
MW-17-1	DUP	Sulfur dioxide	0.0096
MW-18-4	NORMAL	Sulfur dioxide	0.0065
MW-18-5	NORMAL	Sulfur dioxide	0.0091
MW-20-1	NORMAL	Sulfur dioxide	0.0046
MW-20-2	NORMAL	Sulfur dioxide	0.0031
MW-20-3	NORMAL	Sulfur dioxide	0.0086
MW-20-4	NORMAL	Sulfur dioxide	0.015
MW-20-5	NORMAL	Sulfur dioxide	0.011
MW-22-4	NORMAL	Sulfur dioxide	0.0073
MW-22-4	DUP	Sulfur dioxide	0.0057
MW-22-5	NORMAL	Sulfur dioxide	0.021
MW-23-2	NORMAL	Sulfur dioxide	0.0022
MW-23-3	NORMAL	Sulfur dioxide	0.0066
MW-23-4	NORMAL	Sulfur dioxide	0.0067
MW-23-5	NORMAL	Sulfur dioxide	0.017
MW-24-1	NORMAL	Sulfur dioxide	0.0055
MW-24-2	NORMAL	Sulfur dioxide	0.0092
MW-24-3	NORMAL	Sulfur dioxide	0.02
MW-24-4	NORMAL	Sulfur dioxide	0.018
MW-25-1	NORMAL	Sulfur dioxide	0.0025
MW-25-2	NORMAL	Sulfur dioxide	0.0031
MW-25-3	NORMAL	Sulfur dioxide	0.006
MW-25-4	NORMAL	Sulfur dioxide	0.0065
MW-25-5	NORMAL	Sulfur dioxide	0.032
MW-3-4	NORMAL	Sulfur dioxide	0.014
MW-4-3	DUP	Sulfur dioxide	0.0022

Notes

µg/L

Micrograms per liter

TABLE 1-1
SUMMARY OF CONTAMINANTS DETECTED IN QUALITY CONTROL SAMPLES
COLLECTED DURING THE NOV/DEC 2009 SAMPLING EVENT

(All concentrations reported in µg/L.)

Blank Type	Sample ID Number	Sampling Location(s)	Total Chromium	Methylene Chloride	1,2,3-Trichloropropane	2-Butanone	Other Organic Compounds	TICs
EQUIPMENT BLANK	EB-01-11/13/09	MW-21	5 U	2 U	2 U	10 U		tert-Butyl alcohol (TBA) 68
EQUIPMENT BLANK	EB-02-11/16/09	MW-19	5 U	2 U	2 U	10 U		Isobutylene (2-methyl-1-propene) 2
EQUIPMENT BLANK	EB-03-11/17/09	MW-20	5 U	1 U	1 U	10 U		tert-Butyl alcohol (TBA) 65
EQUIPMENT BLANK	EB-04-11/18/09	MW-3	5 U	1 U	1 U	10 U		tert-Butyl alcohol (TBA) 12
EQUIPMENT BLANK	EB-05-11/19/09	MW-17	5 U	2 U	2 U	10 U		Isobutylene (2-methyl-1-propene) 2.6
EQUIPMENT BLANK	EB-06-11/23/09	MW-14	5 U	1 U	1 U	10 U		tert-Butyl alcohol (TBA) 12
EQUIPMENT BLANK	EB-07-11/24/09	MW-22	5 U	1 U	1 U	10 U		Isobutylene (2-methyl-1-propene) 9.9
EQUIPMENT BLANK	EB-08-11/30/09	MW-4	5 U	1 U	1 U	10 U		tert-Butyl alcohol (TBA) 13
EQUIPMENT BLANK	EB-09-12/01/09	MW-12	5 U	1 U	1 U	10 U		Isobutylene (2-methyl-1-propene) 5.9
EQUIPMENT BLANK	EB-10-12/02/09	MW-11	5 U	1 U	1 U	10 U		tert-Butyl alcohol (TBA) 15
EQUIPMENT BLANK	EB-11-12/03/09	MW-24	5 U	1 U	1 U	10 U		
EQUIPMENT BLANK	EB-12-12/04/09	MW-23	5 U	1 U	1 U	10 U		
EQUIPMENT BLANK	EB-13-12/08/09	MW-25, MW-26	5 U	1 U	1 U	10 U		Isobutylene (2-methyl-1-propene) 2.3
EQUIPMENT BLANK	EB-14-12/09/09	MW-18	5 U	1 U	1 U	10 U		Isobutylene (2-methyl-1-propene) 2.9
EQUIPMENT BLANK	QCEB-16 NOV	MW-5, MW-6	NA	1 U	1 U	10 U	Styrene 1.9	
							m,p-Xylene 1	
EQUIPMENT BLANK	QCEB-17 NOV	MW-1, MW-8, MW-13	NA	1 U	1 U	10 U	Styrene 2.7	
							Ethylbenzene 0.51	
							m,p-Xylene 1.7	
EQUIPMENT BLANK	QCEB-18 NOV	MW-7, MW-9, MW-16	NA	2 U	2 U	10 U	m,p-Xylene 0.79	
							Styrene 0.92	
EQUIPMENT BLANK	QCEB-19NOV	MW-10	NA	1 U	1 U	10 U	m,p-Xylene 1.3	
							Styrene 1.9	
EQUIPMENT BLANK	QCEB-20NOV	MW-10	NA	1 U	1 U	10 U	Ethylbenzene 0.74	
							m,p-Xylene 2.2	
							Styrene 20	
							o-Xylene 0.78	
SOURCE BLANK	SB-1-4Q09	NA	NA	1 U	1 U	10 U		
TRIP BLANK	TB-01-11/13/09	MW-21	NA	2 U	2 U	10 U		
TRIP BLANK	TB-02-11/16/09	MW-19	NA	2 U	2 U	10 U		
TRIP BLANK	TB-03-11/17/09	MW-20	NA	1 U	1 U	10 U		
TRIP BLANK	TB-04-11/18/09	MW-3	NA	1 U	1 U	10 U		
TRIP BLANK	TB-05-11/19/09	MW-17	NA	2 U	2 U	10 U		
TRIP BLANK	TB-06-11/23/09	MW-14	NA	1 U	1 U	10 U		
TRIP BLANK	TB-07-11/24/09	MW-22	NA	1 U	1 U	10 U		
TRIP BLANK	TB-08-11/30/09	MW-4	NA	1 U	1 U	10 U		
TRIP BLANK	TB-09-12/01/09	MW-12	NA	1 U	1 U	10 U		
TRIP BLANK	TB-10-12/02/09	MW-11	NA	1 U	1 U	10 U		
TRIP BLANK	TB-11-12/03/09	MW-24	NA	1 U	1 U	10 U		
TRIP BLANK	TB-12-12/04/09	MW-23	NA	1 U	1 U	10 U		
TRIP BLANK	TB-13-12/08/09	MW-25, MW-26	NA	1 U	1 U	10 U		
TRIP BLANK	TB-14-12/09/09	MW-18	NA	1 U	1 U	10 U		

Notes

- J Indicates an estimated value.
- µg/L Micrograms per liter
- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- NA Not Analyzed