



# Technical Memorandum

## Second Quarter 2010 Monitoring Summary

### National Aeronautics and Space Administration

#### Jet Propulsion Laboratory, Pasadena, California

Final

July 2010

This technical memorandum summarizes the results for the second 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 second quarter 2010 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. Figure 1 shows the locations of the groundwater monitoring wells.

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*.<sup>1</sup> 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 second 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);

<sup>1</sup> 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 second quarter 2010 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 (1,200  $\mu\text{g}/\text{L}$ ), MW-16 (7.3  $\mu\text{g}/\text{L}$ ) and MW-24 (Screen 2 [8.6  $\mu\text{g}/\text{L}$ ]).
- Perchlorate was detected in MW-7 (3.6  $\mu\text{g}/\text{L}$ ) and MW-24 (Screens 1 [1.6  $\mu\text{g}/\text{L}$ ] and 4 [1.3  $\mu\text{g}/\text{L}$ ]) below the state MCL of 6.0  $\mu\text{g}/\text{L}$ .
- Perchlorate concentrations increased from their respective last sampling date to the second quarter 2010 in MW-7 (non-detect to 3.6  $\mu\text{g}/\text{L}$ ), MW-13 (5.0  $\mu\text{g}/\text{L}$  to 1,200  $\mu\text{g}/\text{L}$ ), MW-16 (3.8  $\mu\text{g}/\text{L}$  to 7.3  $\mu\text{g}/\text{L}$ ) and MW-24 (Screen 4 [non-detect to 1.3  $\mu\text{g}/\text{L}$ ]).
- Perchlorate concentrations decreased from their respective last sampling date to the second quarter 2010 in MW-24 (Screens 1 [228  $\mu\text{g}/\text{L}$  to 1.6  $\mu\text{g}/\text{L}$ ] and 2 [9.8  $\mu\text{g}/\text{L}$  to 8.6  $\mu\text{g}/\text{L}$ ]).
- Perchlorate concentrations in MW-24 (Screens 3 and 5) were non-detect during the second quarter 2010, with a reporting limit of 1.0  $\mu\text{g}/\text{L}$ .

## **VOC ANALYTICAL RESULTS**

- Carbon tetrachloride was not detected in any of the on-facility source area wells during the second quarter 2010 with a reporting limit of 0.5  $\mu\text{g}/\text{L}$ .
- From the fourth quarter 2009 to the second quarter 2010, carbon tetrachloride concentrations decreased in MW-24 (Screen 1 [0.8  $\mu\text{g}/\text{L}$  to non-detect]).
- TCE was detected in MW-13 at 1.0  $\mu\text{g}/\text{L}$ , which is below the state and federal MCL of 5.0  $\mu\text{g}/\text{L}$ .

- PCE was not detected in any of the on-facility source area wells during the second quarter 2010 with a reporting limit of 0.5 µg/L.

#### OTHER NOTABLE DETECTIONS

- During the second quarter 2010, Cr(VI)<sup>2</sup> was detected below the state MCL of 50.0 µg/L in MW-13 (22.0 µg/L) and MW-16 (18.0 µg/L).
- Total chromium was detected at MW-7 (5.2 µg/L), MW-13 (22.0 µg/L), MW-16 (17.0 µg/L) and MW-24 Screen 1 (12.0 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

- During the second quarter 2010 sampling event, perchlorate in excess of the state maximum contaminant level MCL (6.0 µg/L) was detected in MW-11 Screen 5 (10.5 µg/L).
- Perchlorate was detected in MW-6 (3.0 µg/L), MW-8 (5.5 µg/L), MW-11 (Screens 1 [1.0 µg/L] and 4 [1.3 µg/L]), MW-22 (Screens 1 [2.7 µg/L], 2 [2.7 µg/L] and 3 [3.2 µg/L] and MW-23 (Screens 1 through 5 [3.3 µg/L, 4.9 µg/L, 1.2 µg/L, 1.3 µg/L and 1.2 µg/L, respectively]) below the state MCL of 6.0 µg/L.
- Perchlorate concentrations increased from their respective last sampling date to the second quarter 2010 in MW-6 (2.7 µg/L to 3.0 µg/L), MW-11 Screen 5 (1.1 µg/L to 10.5 µg/L), MW-22 (Screens 1 [2.6 µg/L to 2.7 µg/L], 2 [2.1 µg/L to 2.7 µg/L] and 3 [2.7 µg/L to 3.2 µg/L] and MW-23 (Screens 1 through 5 [2.8 µg/L to 3.3 µg/L, 3.7 µg/L to 4.9 µg/L, non-detect to 1.2 µg/L, 1.0 µg/L to 1.3 µg/L and 1.0 µg/L to 1.2 µg/L, respectively]).
- Perchlorate concentrations decreased from their respective last sampling event to the second quarter 2010 in MW-8 (194 µg/L to 5.5 µg/L), MW-11 Screen 1 (1.1 µg/L to 1.0 µg/L) and MW-22 Screen 5 (1.3 µg/L to non-detect).
- From the fourth quarter 2006 to the second 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).
- Historically, the perchlorate concentration in MW-11 (Screen 5) has been non-detect except for the first and second quarter 2010. Coincidentally, the detection of 10.5 µg/L during this quarter is the first detection above the state MCL (6.0 µg/L) dating back to the summer of 1997. Perchlorate results in MW-11 will continue to be closely evaluated during subsequent sampling events.
- Perchlorate was not detected in MW-11 (Screens 2 and 3) and MW-22 (Screens 4 and 5) 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 second quarter 2010.

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

- TCE was detected below the state and federal MCL of 5.0 µg/L in MW-6 (4.3 µg/L) and MW-23 (Screen 2 [0.9 µg/L]).
- PCE was detected in wells MW-6 [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 second 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 second 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-1, MW-3, MW-4, MW-5, MW-9, MW-10, MW-12, MW-14, and MW-15.

#### **PERCHLORATE ANALYTICAL RESULTS**

- During the second quarter 2010 sampling event, concentrations of perchlorate at or in excess of the state MCL (6.0 µg/L) were reported in samples collected from wells MW-3 (Screen 2 [175 µg/L]), MW-10 (43.9 µg/L) and MW-14 (Screen 3 [6.0 µg/L]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-3 (Screens 3 [3.1 µg/L] and 4 [5.1 µg/L]), MW-4 (Screen 2 [2.9 µg/L]), MW-12 (Screens 1 through 5 [2.9 µg/L, 4.9 µg/L, 4.3 µg/L, 3.7 µg/L and 2.7 µg/L, respectively]) and MW-14 (Screens 1 through 4 [4.9 µg/L, 3.6 µg/L, 6.0 µg/L, and 4.2 µg/L, respectively]).
- Perchlorate concentrations increased from their respected last sampling date to the second quarter 2010 in MW-3 (Screens 3 [non-detect to 3.1 µg/L] and 4 [non-detect to 5.1 µg/L], MW-4 (Screen 2 [2.1 µg/L to 2.9 µg/L]), MW-10 (2.5 µg/L to 43.9 µg/L), MW-12 (Screens 1 through 5 [non-detect to 2.9 µg/L, 2.4 µg/L to 4.9 µg/L, non-detect to 4.3 µg/L, 2.8 µg/L to 3.7 µg/L and 1.3 µg/L to 2.7 µg/L, respectively]) and MW-14 (Screens 1 [3.0 µg/L to 4.9 µg/L and 4 [3.9 µg/L to 4.2 µg/L]).
- Perchlorate concentrations decreased from their respected last sampling event to the second quarter 2010 in MW-3 (Screen 2 [184 µg/L to 175 µg/L]), MW-4 (Screen 1 [4.1 µg/L to non-detect µg/L]), MW-14 (Screens 2 [3.9 µg/L to 3.6 µg/L] and 3 [6.6 µg/L to 6.0 µg/L]).
- Historically, the perchlorate concentration in MW-4 (Screen 1) has been non-detect; however, starting in the first quarter of 2007, perchlorate concentrations have been present except for the second quarter of 2008, the second and third quarters of 2009, and second quarter of 2010. Perchlorate results in MW-4 will continue to be closely evaluated during subsequent sampling events.
- Perchlorate concentrations in MW-5 have generally demonstrated a decreasing trend since June/July 2007.
- Perchlorate was not detected in MW-1, MW-3 (Screens 1 and 5), MW-4 (Screens 1, 3, 4 and 5), MW-5, MW-9, MW-14 (Screen 5) and MW-15 with a reporting limit of 1.0 µg/L.

## VOC ANALYTICAL RESULTS

- During the second quarter 2010, carbon tetrachloride was detected at a concentration in excess of the state MCL (0.5 µg/L) in MW-12 (Screen 3 [1.1 µg/L]). This was the only carbon tetrachloride detection in the perimeter off-facility wells.
- During the second quarter 2010, TCE was detected in wells MW-4 (Screen 2 [0.6 µg/L]), MW-10 (3.8 µg/L) and MW-14 (Screens 1 [3.2 µg/L], 2 [5.9 µg/L] and 3 [1.3 µg/L]). Only concentrations in MW-14 (Screen 2 [5.9 µg/L]) exceeded the state and federal MCL (5.0 µg/L). 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. Historically, TCE detections are present in MW-14 (Screen 2) and concentrations have remained above the state and federal MCL (5.0 µg/L) since the third quarter 2007.
- During the second quarter 2010, PCE was detected below the state and federal MCL of 5.0 µg/L in MW-10 (0.7 µg/L).

## OTHER NOTABLE RESULTS

- During the second quarter 2010, Cr(VI) was not detected in any of the perimeter off-facility wells with a reporting limit of 10 µg/L.
- Total chromium was detected below the state MCL of 50.0 µg/L in MW-4 (Screen 5 [9.4 µg/L]) and MW-10 (5.5 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 second quarter 2010 sampling event, concentrations of perchlorate in excess of the state MCL (6.0 µg/L) were reported in samples collected from wells MW-17 (Screen 3 [9.9 µg/L]), MW-18 (Screens 2 [85.9 µg/L], 3 [62.4 µg/L] and 4 [67.2 µg/L]), MW-19 (Screens 1 [8.0 µg/L] and 2 [6.8 µg/L]), MW-20 (Screens 4 [37.3 µg/L] and 5 [11.5 µg/L]) and MW-25 (Screens 1 through 5 [11.0 µg/L, 14.7 µg/L, 10.3 µg/L, 8.1 µg/L and 44.5 µg/L, respectively]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-17 (Screen 2 [5.2 µg/L]), MW-18 (Screen 5 [2.1 µg/L]), MW-19 (Screens 3 [3.8 µg/L, 2.8 µg/L and 3.3 µg/L, respectively]), MW 20 (Screens 2 [2.9 µg/L] and 3 [1.7 µg/L]), MW-21 (Screens 1 through 5 [2.8 µg/L, 3.2 µg/L, 3.4 µg/L, 2.5 µg/L and 3.5 µg/L, respectively]) and MW-26 (Screen 1 [2.8 µg/L]).
- Perchlorate concentrations increased from their respected last sampling date to the second quarter 2010 in MW-17 (Screen 2 [4.6 µg/L to 5.2 µg/L]), MW-18 (Screens 2 through 5 [21.4 µg/L to 85.9 µg/L, 45.1 µg/L to 62.4 µg/L, 60.1 µg/L to 67.2 µg/L and non-detect to 2.1 µg/L, respectively]), MW-19 (Screens 1 through 4 [6.7 µg/L to 8.0 µg/L, 5.4 µg/L to 6.8 µg/L, 2.5 µg/L to 3.8 µg/L, 2.7 µg/L to 2.8 µg/L and 2.8 µg/L to 3.3 µg/L, respectively]), MW-20 (Screens 3 [non-detect to 1.7 µg/L], 4 [non-detect to 37.3 µg/L] and 5 [non-detect to 11.5 µg/L]), MW-21 (Screens 1 through 5 [2.3 µg/L to 2.8 µg/L, 2.2 µg/L to 3.2 µg/L, 2.8 µg/L to 3.4 µg/L, 1.8 µg/L to 2.5 µg/L and 3.0 µg/L to 3.5 µg/L, respectively]), MW-25 (Screens 1 through 5 [10.0 µg/L to 11.0 µg/L, 13.7 µg/L to 14.7 µg/L, 9.8 µg/L to 10.3 µg/L, 7.3 µg/L to

8.1 µg/L and non-detect to 44.5 µg/L, respectively)) and MW-26 (Screen 1 [2.3 µg/L to 2.8 µg/L]).

- Perchlorate concentrations decreased slightly from their respected last sampling event to the second quarter 2010 in MW-17 (Screen 3 [10.7 J µg/L to 9.9 J µg/L]).
- Historically, the perchlorate concentration in MW-19 (Screen 1) has been non-detect; however, starting in 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.
- 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; however, concentrations in Screens 4 and 5 have been above the state MCL in six of the last nine quarters. Perchlorate results in MW-20 will continue to be closely evaluated during subsequent sampling events.
- Concentrations of perchlorate were not detected in MW-17 (Screens 1, 4 and 5), MW-18 (Screen 1), MW-20 (Screen 1) and MW-26 (Screen 2).

#### VOC ANALYTICAL RESULTS

- During the second quarter 2010, 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 11.0 µg/L and 7.2 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-21 (Screen 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 second quarter 2010.
- PCE was detected in five off-facility wells: MW-17 (Screen 2), MW-19 (Screen 5), MW-21 (Screens 2, 3, 4, and 5) and MW-25 (Screen 3); however, none of the off-facility wells contained concentrations of PCE exceeding the state and federal MCL (5.0 µg/L) during the second 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 second 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 second quarter 2010 with a reporting limit of 5.0 µg/L.

#### ALL WELL CATEGORIES (OTHER RESULTS)

- The TIC sulfur dioxide was detected in two wells. The TIC results are presented in Table 4.
- Comparing the fourth quarter 2009 to the second quarter 2010, groundwater levels increased an average of approximately 18.5 ft. Groundwater levels in the second quarter 2010 sampling event continue to be higher than historical values, but are lower by an average of 9.2 ft from the April 2005 highs.

- Groundwater level measurements collected during the second 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)
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## FIGURES



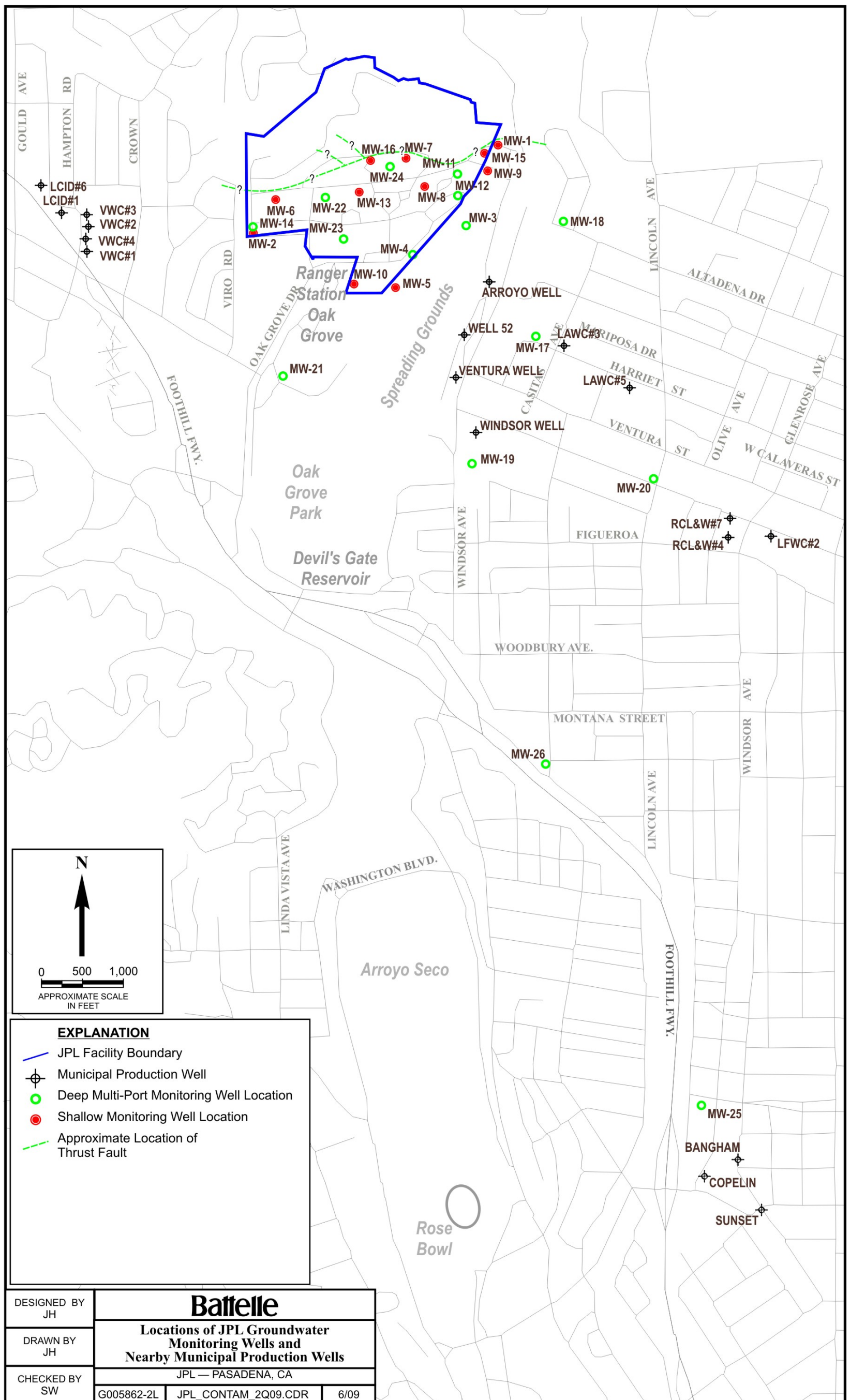


Figure 1.

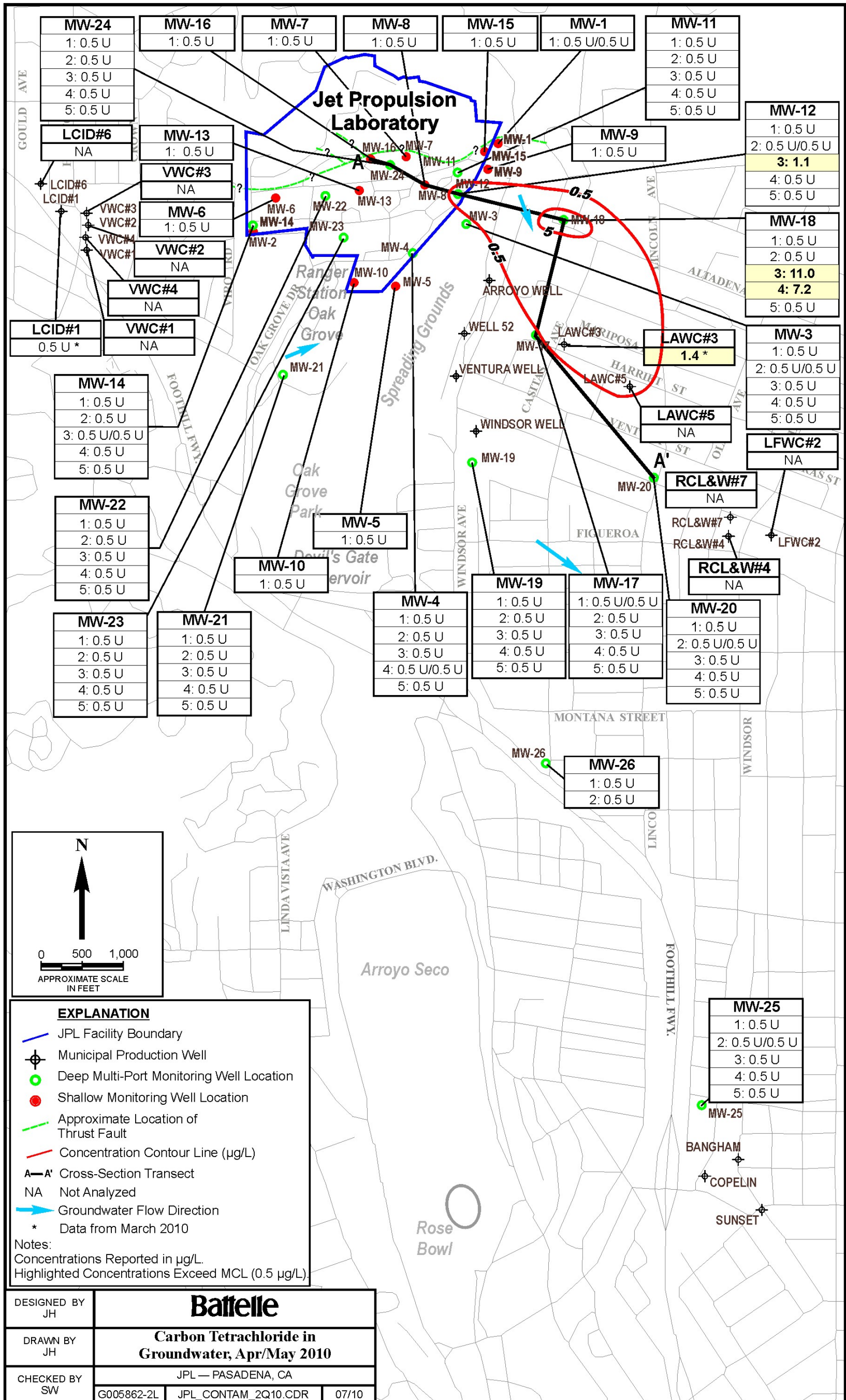


Figure 2.

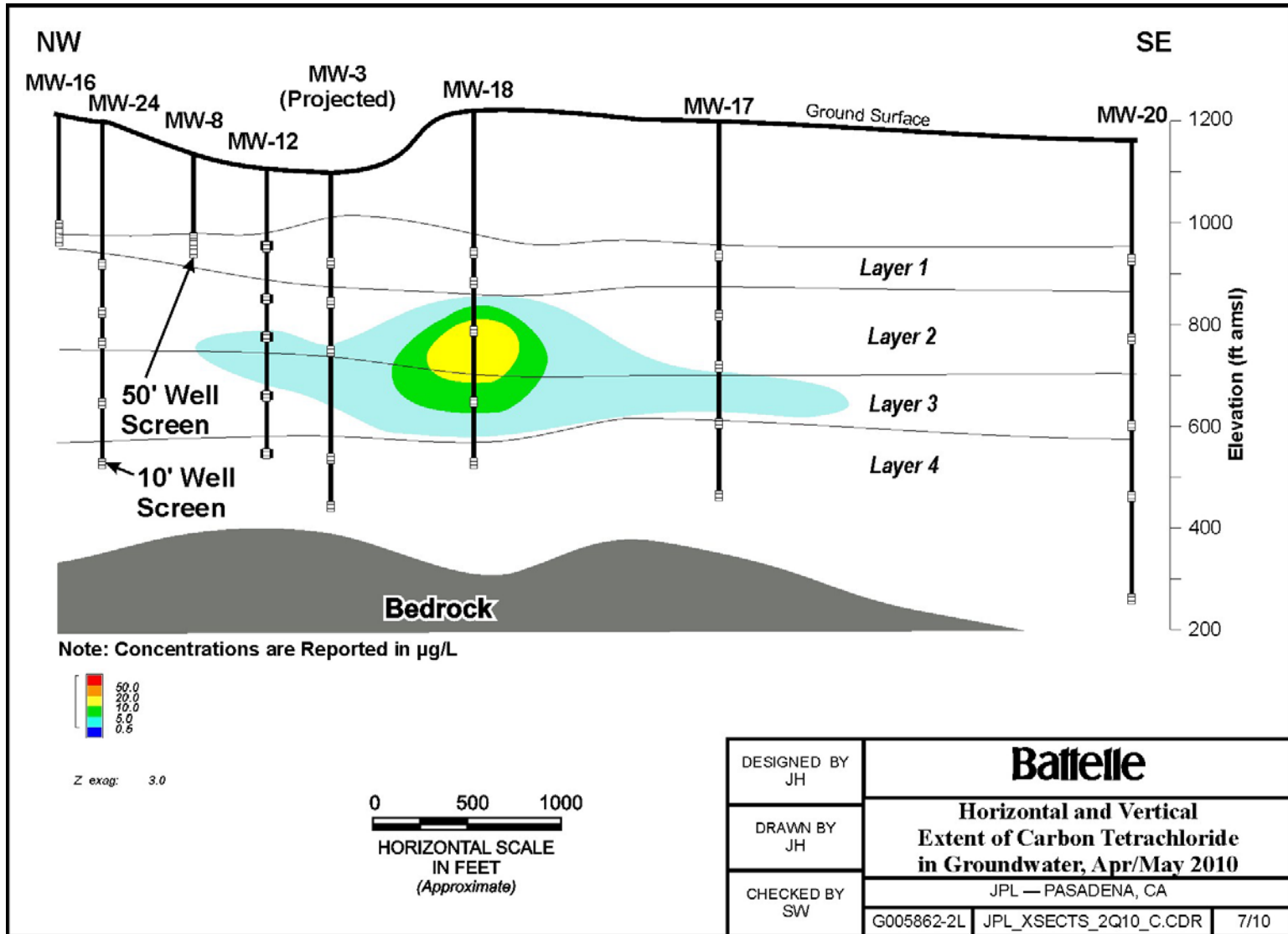


Figure 3.



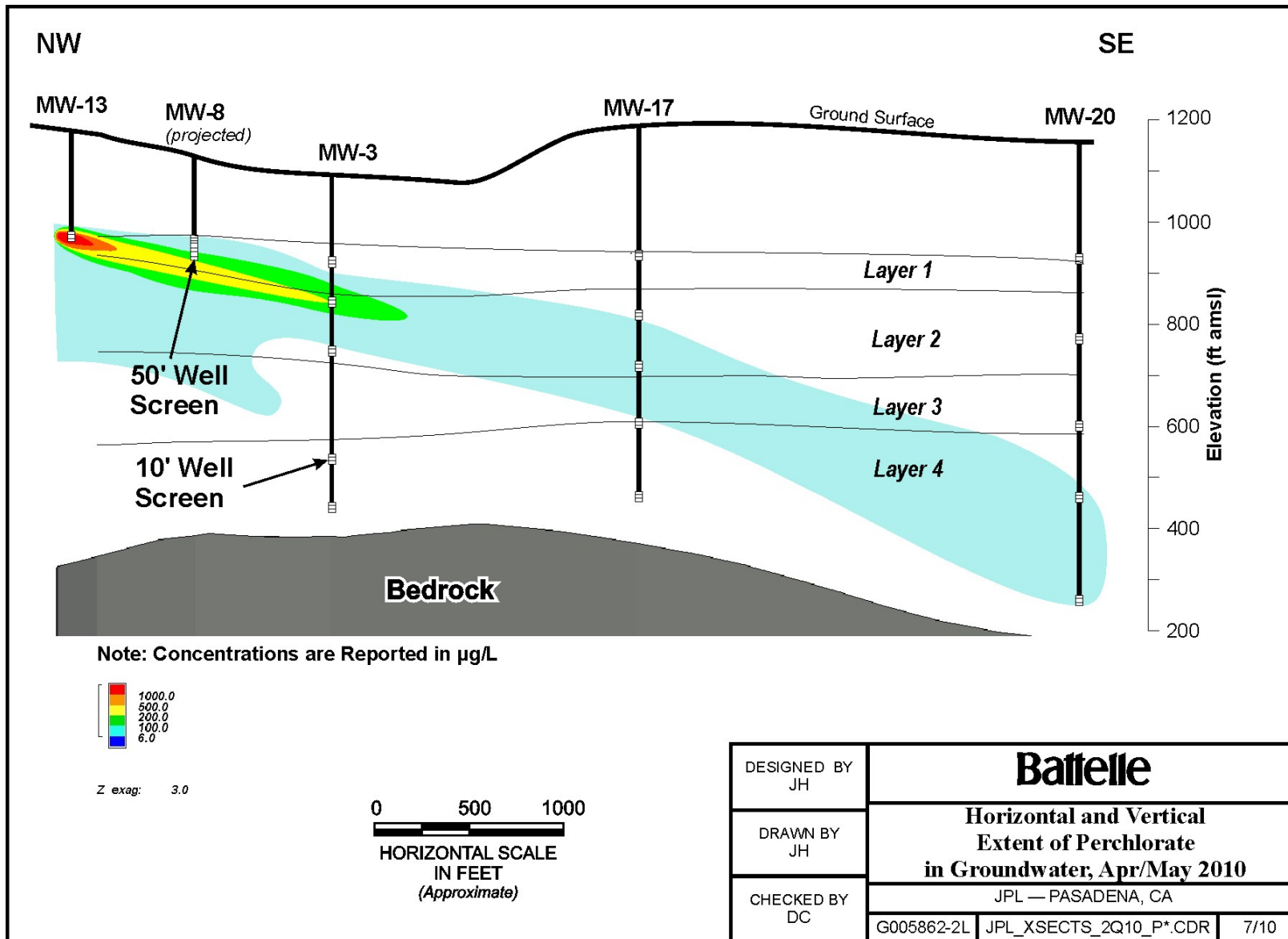


Figure 5.

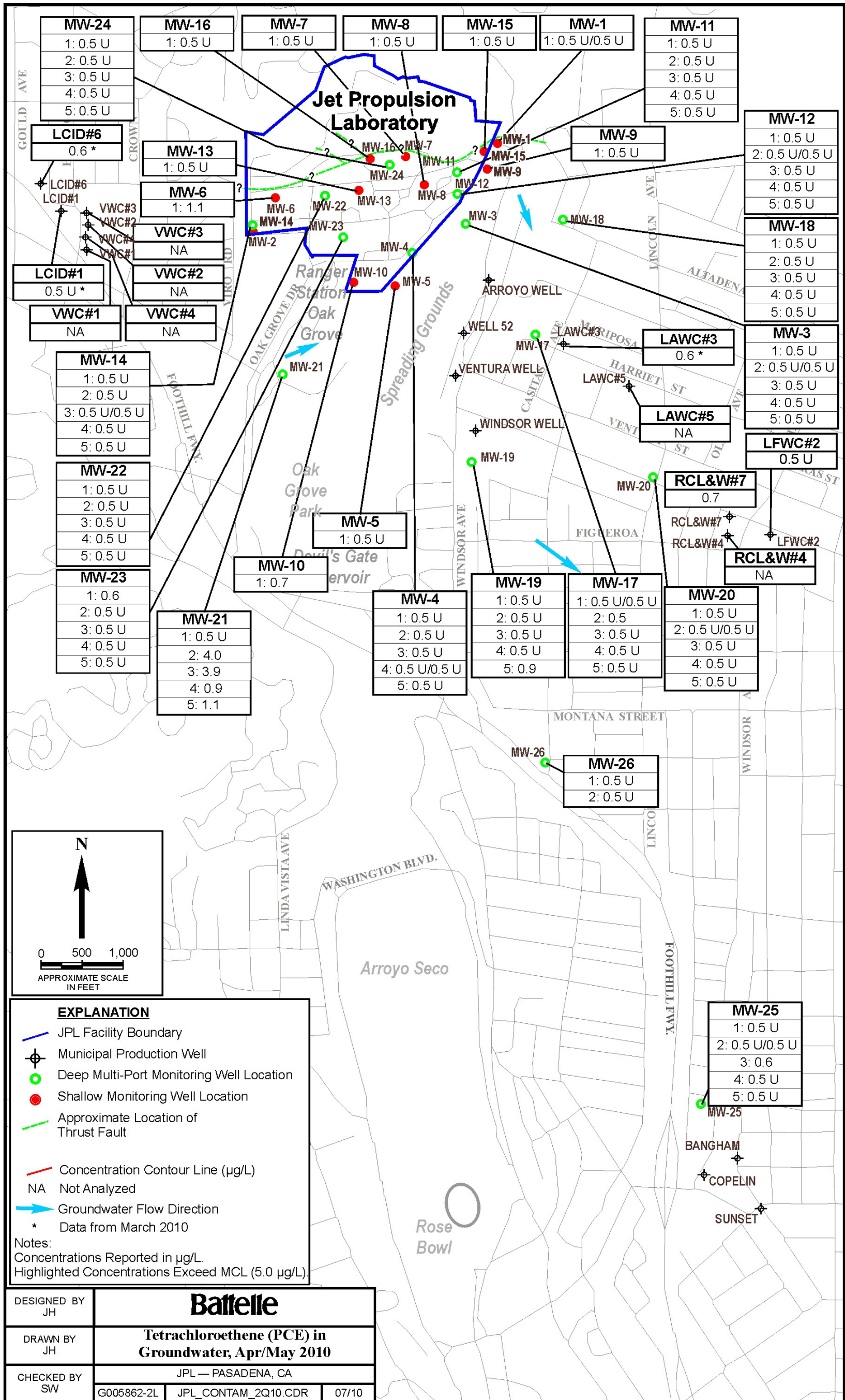
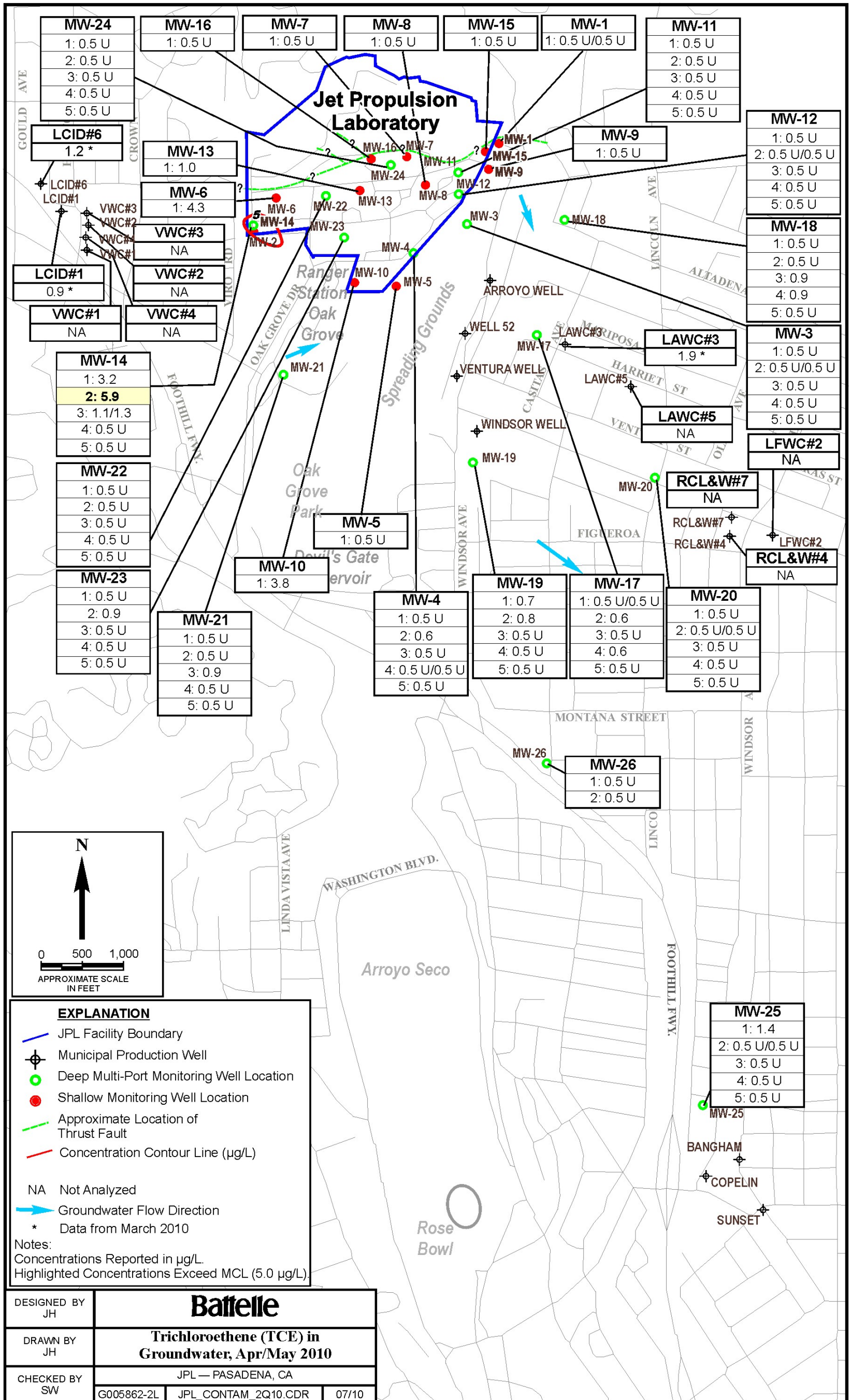


Figure 6.



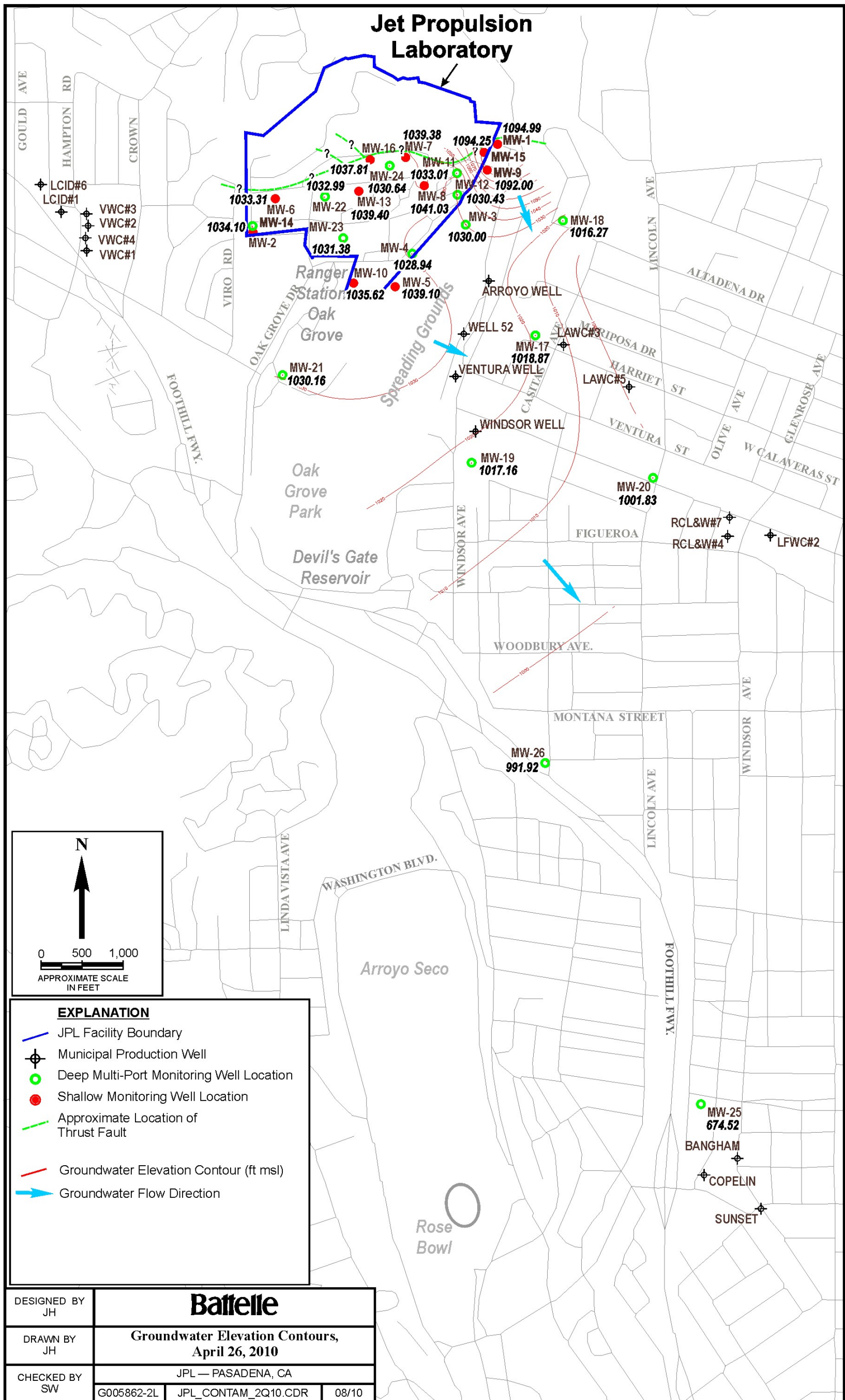


Figure 8.



## 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	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-1	Apr/May 2010	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	Apr/May 2010	DUPE-8-2Q10	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 1	Apr/May 2010	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 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 2	Apr/May 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	1.7	173.0	Bromodichloromethane	1.2
MW-3 Screen 2	Apr/May 2010	DUPE-05-2Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	175.0	Bromodichloromethane	1.3
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 3	Apr/May 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	3.1		
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 4	Apr/May 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	5.1		
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-3 Screen 5	Apr/May 2010	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		
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 1	Apr/May 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	1.0 U		
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 2	Apr/May 2010	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	2.9		

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 3	Apr/May 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	1.1
												Styrene	0.6 J
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 4	Apr/May 2010	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	Apr/May 2010	DUPE-02-2Q10	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-4 Screen 5	Apr/May 2010	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	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-5	Apr/May 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-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-6	Apr/May 2010	MW-6	0.5 U	4.3	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0		
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-7	Apr/May 2010	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11.0	3.6	Bromodichloromethane	13.0
												Bromoform	1.2
												Dibromochloromethane	6.9
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-8	Apr/May 2010	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	5.5		
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		

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-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-9	Apr/May 2010	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-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	
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-10	Apr/May 2010	MW-10	0.5 U	3.8	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.7	43.9 J	
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 1	Apr/May 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	1.0	
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 2	Apr/May 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	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 3	Apr/May 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	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 4	Apr/May 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	1.3	
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-11 Screen 5	Apr/May 2010	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	10.5	
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 1	Apr/May 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	2.9	
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 2	Apr/May 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	4.8	
MW-12 Screen 2	Apr/May 2010	DUPE-03-2Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.9	
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	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	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	0.5 U	6.7	1.0 U
MW-12 Screen 3	Apr/May 2010	MW-12-3	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	4.3
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	0.5 U	0.8	2.7

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 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 4	Apr/May 2010	MW-12-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.7		
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		
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-12 Screen 5	Apr/May 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	2.7		
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-13	Apr/May 2010	MW-13	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.9	1200.0	1,4-Dioxane Bromodichloromethane	2.6 0.5
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 1	Apr/May 2010	MW-14-1	0.5 U	3.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.9		
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 2	Apr/May 2010	MW-14-2	0.5 U	5.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.6		
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 3	Apr/May 2010	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	6.0		
MW-14 Screen 3	Apr/May 2010	DUPE-01-2Q10	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.9		
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 4	Apr/May 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	4.2		
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-14 Screen 5	Apr/May 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	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-15	Apr/May 2010	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		

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-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 Bromoform Dibromochloromethane	5.1 8.1 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-16	Apr/May 2010	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10.0	7.3	Bromodichloromethane Bromoform Dibromochloromethane	16.0 6.3 16.0
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 1	Apr/May 2010	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	Apr/May 2010	DUPE-6-2Q10	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	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 2	Apr/May 2010	MW-17-2	0.5 U	0.6	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.2 J		
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 3	Apr/May 2010	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	9.9 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 4	Apr/May 2010	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		
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-17 Screen 5	Apr/May 2010	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	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 1	Apr/May 2010	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	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 2	Apr/May 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	85.9 J		
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 3	Apr/May 2010	MW-18-3	11.0	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.6	62.4 J		
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		

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-18 Screen 4	Apr/May 2010	MW-18-4	7.2	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.8	67.2 J	
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-18 Screen 5	Apr/May 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	2.1 J	
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 1	Apr/May 2010	MW-19-1	0.5 U	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8.0	
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 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 2	Apr/May 2010	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	6.8	
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 3	Apr/May 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	3.8	
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 4	Apr/May 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	2.8	
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-19 Screen 5	Apr/May 2010	MW-19-5	0.5 U	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3	
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 1	Apr/May 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	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 2	Apr/May 2010	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	2.9	
MW-20 Screen 2	Apr/May 2010	DUPE-04-2Q10	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-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 3	Apr/May 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	1.7	

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-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 4	Apr/May 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	37.3	
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-20 Screen 5	Apr/May 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	11.5	
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 1	Apr/May 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	1.0	2.8	
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 2	Apr/May 2010	MW-21-2	0.5 U	0.5 U	4.0	0.5 U	0.5 U	0.5 U	0.5 U	1.0	3.2	
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 3	Apr/May 2010	MW-21-3	0.5 U	0.9	3.9	0.5 U	0.5 U	0.5 U	0.5 U	2.8	3.4	cis-1,2-Dichloroethene 0.6
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 4	Apr/May 2010	MW-21-4	0.5 U	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	6.1	2.5	
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-21 Screen 5	Apr/May 2010	MW-21-5	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	3.4	3.5	
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 1	Apr/May 2010	MW-22-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7	
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 2	Apr/May 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	2.7	
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	



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 3	Apr/May 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	3.2	
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 4	Apr/May 2010	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 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-22 Screen 5	Apr/May 2010	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-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 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 1	Apr/May 2010	MW-23-1	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3	
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 2	Apr/May 2010	MW-23-2	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.9	
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 3	Apr/May 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	1.2	
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 4	Apr/May 2010	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	1.3	
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-23 Screen 5	Apr/May 2010	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	1.2	Styrene 0.5
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 1	Apr/May 2010	MW-24-1	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-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 2	Apr/May 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	8.6	
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 3	Apr/May 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	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 4	Apr/May 2010	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	1.3	
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-24 Screen 5	Apr/May 2010	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	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	

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	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 1	Apr/May 2010	MW-25-1	0.5 U	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	11.0	
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 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 2	Apr/May 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	14.7	
MW-25 Screen 2	Apr/May 2010	DUPE-7-2Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	14.4	
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 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	9.8	
MW-25 Screen 3	Apr/May 2010	MW-25-3	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10.3	
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 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	7.3	
MW-25 Screen 4	Apr/May 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	8.1	
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-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	1.0 U	
MW-25 Screen 5	Apr/May 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	44.5	
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 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	2.3	
MW-26 Screen 1	Apr/May 2010	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	2.8	
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	
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	1.0 U	
MW-26 Screen 2	Apr/May 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	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
- \* Interm Action Level - California Department of Public Health
- J Analyte concentration is an estimated value
- U Analyte was analyzed for but not detected at or above the stated limit

**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	Nov/Dec 2009	MW-1	NA	NA	5.0 U	0.010 U
MW-1	Apr/May 2010	MW-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-1	Apr/May 2010	DUPE-8-2Q10	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 1	Apr/May 2010	MW-3-1	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 2	Apr/May 2010	MW-3-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-3 Screen 2	Apr/May 2010	DUPE-05-2Q10	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 3	Apr/May 2010	MW-3-3	2.0 U	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 4	Apr/May 2010	MW-3-4	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-3 Screen 5	Apr/May 2010	MW-3-5	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 1	Apr/May 2010	MW-4-1	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 2	Apr/May 2010	MW-4-2	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-4 Screen 3	Feb 2010	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Apr/May 2010	MW-4-3	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 4	Apr/May 2010	MW-4-4	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 4	Apr/May 2010	DUPE-02-2Q10	2.0 U	5.000 U	5.0 U	0.010 U
MW-4 Screen 5	Nov/Dec 2009	MW-4-5	NA	NA	<b>5.2 J</b>	0.010 U
MW-4 Screen 5	Apr/May 2010	MW-4-5	<b>2.2</b>	5.000 U	<b>9.4</b>	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-5	Apr/May 2010	MW-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-6	Jul/Aug 2009	MW-6	NA	NA	<b>48.0</b>	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-6	Apr/May 2010	MW-6	2.0 U	5.000 U	5.0 U	0.010 U
MW-7	Jul/Aug 2009	MW-7	NA	NA	<b>11.0 J</b>	<b>0.008 J</b>
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-7	Apr/May 2010	MW-7	2.0 U	5.000 U	<b>5.2</b>	0.010 U
MW-8	Jul/Aug 2009	MW-8	NA	NA	<b>5.3</b>	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-8	Apr/May 2010	MW-8	2.0 U	5.000 U	5.0 U	0.010 U
MW-9	Nov/Dec 2009	MW-9	NA	NA	<b>13.0</b>	0.010 U
MW-9	Nov/Dec 2009	DUPE-8-4Q09	NA	NA	<b>7.8</b>	0.010 U
MW-9	Apr/May 2010	MW-9	2.0 U	5.000 U	5.0 U	0.010 U
MW-10	Jul/Aug 2009	MW-10	NA	NA	<b>6.6</b>	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-10	Apr/May 2010	MW-10	2.0 U	5.000 U	<b>5.5</b>	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 1	Apr/May 2010	MW-11-1	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 2	Apr/May 2010	MW-11-2	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
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
MW-11 Screen 3	Apr/May 2010	MW-11-3	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 4	Apr/May 2010	MW-11-4	2.0 U	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-11 Screen 5	Apr/May 2010	MW-11-5	<b>5.0</b>	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 1	Apr/May 2010	MW-12-1	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 2	Apr/May 2010	MW-12-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-12 Screen 2	Apr/May 2010	DUPE-03-2Q10	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 3	Apr/May 2010	MW-12-3	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 4	Apr/May 2010	MW-12-4	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-12 Screen 5	Apr/May 2010	MW-12-5	<b>2.1</b>	5.000 U	5.0 U	0.010 U
MW-13	Jul/Aug 2009	MW-13	NA	NA	<b>31.0</b>	<b>0.031</b>
MW-13	Nov/Dec 2009	MW-13	NA	NA	<b>12.0</b>	0.010 U
MW-13	Feb 2010	MW-13	NA	NA	5.0 U	NA
MW-13	Apr/May 2010	MW-13	2.0 U	5.000 U	<b>22.0</b>	<b>0.022</b>
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 1	Apr/May 2010	MW-14-1	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 2	Apr/May 2010	MW-14-2	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-14 Screen 3	Feb 2010	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Apr/May 2010	MW-14-3	2.0 U	5.000 U	5.0 U	0.010 U
MW-14 Screen 3	Apr/May 2010	DUPE-01-2Q10	2.0 U	5.000 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 4	Apr/May 2010	MW-14-4	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-14 Screen 5	Apr/May 2010	MW-14-5	2.0 U	5.000 U	5.0 U	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-15	Apr/May 2010	MW-15	2.0 U	5.000 U	5.0 U	0.010 U
MW-16	Jul/Aug 2009	MW-16	NA	NA	<b>16.0 J</b>	<b>0.013</b>
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-16	Apr/May 2010	MW-16	<b>3.6</b>	5.000 U	<b>17.0</b>	<b>0.018</b>
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 1	Apr/May 2010	MW-17-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-17 Screen 1	Apr/May 2010	DUPE-6-2Q10	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 2	Apr/May 2010	MW-17-2	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 3	Apr/May 2010	MW-17-3	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 4	Apr/May 2010	MW-17-4	<b>3.0</b>	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-17 Screen 5	Apr/May 2010	MW-17-5	<b>7.2</b>	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 1	Apr/May 2010	MW-18-1	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 2	Apr/May 2010	MW-18-2	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
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 3	Apr/May 2010	MW-18-3	2.0 U	5.000 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 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 4	Apr/May 2010	MW-18-4	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-18 Screen 5	Apr/May 2010	MW-18-5	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 1	Apr/May 2010	MW-19-1	2.0 U	5.000 U	5.0 U	0.010 U
MW-19 Screen 2	Nov/Dec 2009	MW-19-2	NA	NA	5.0 U	0.010 U
MW-19 Screen 2	Apr/May 2010	MW-19-2	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 3	Apr/May 2010	MW-19-3	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 4	Apr/May 2010	MW-19-4	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-19 Screen 5	Apr/May 2010	MW-19-5	2.0 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 1	Apr/May 2010	MW-20-1	2.0 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 2	Apr/May 2010	MW-20-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-20 Screen 2	Apr/May 2010	DUPE-04-2Q10	2.0 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 3	Apr/May 2010	MW-20-3	2.0 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 4	Apr/May 2010	MW-20-4	2.0 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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
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
MW-20 Screen 5	Apr/May 2010	MW-20-5	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 1	Apr/May 2010	MW-21-1	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 2	Apr/May 2010	MW-21-2	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 3	Apr/May 2010	MW-21-3	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 4	Apr/May 2010	MW-21-4	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-21 Screen 5	Apr/May 2010	MW-21-5	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 1	Apr/May 2010	MW-22-1	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 2	Apr/May 2010	MW-22-2	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 3	Apr/May 2010	MW-22-3	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 4	Apr/May 2010	MW-22-4	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



Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-22 Screen 5	Apr/May 2010	MW-22-5	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 1	Feb 2010	MW-23-1	NA	NA	5.0 U	0.010 U
MW-23 Screen 1	Apr/May 2010	MW-23-1	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 2	Apr/May 2010	MW-23-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-23 Screen 3	Jul/Aug 2009	MW-23-3	NA	NA	<b>5.3</b>	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 3	Apr/May 2010	MW-23-3	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 4	Apr/May 2010	MW-23-4	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-23 Screen 5	Apr/May 2010	MW-23-5	<b>4.4</b>	5.000 U	5.0 U	0.010 U
MW-24 Screen 1	Jul/Aug 2009	MW-24-1	NA	NA	<b>8.6</b>	0.010 U
MW-24 Screen 1	Nov/Dec 2009	MW-24-1	NA	NA	<b>13.0</b>	0.010 U
MW-24 Screen 1	Feb 2010	MW-24-1	NA	NA	<b>25.0</b>	NA
MW-24 Screen 1	Feb 2010	DUPE-5-1Q10	NA	NA	<b>13.0</b>	NA
MW-24 Screen 1	Apr/May 2010	MW-24-1	2.0 U	5.000 U	<b>12.0</b>	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 2	Apr/May 2010	MW-24-2	<b>2.3</b>	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 3	Apr/May 2010	MW-24-3	<b>2.5</b>	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 4	Apr/May 2010	MW-24-4	2.0 U	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-24 Screen 5	Apr/May 2010	MW-24-5	<b>3.0</b>	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 1	Feb 2010	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	Apr/May 2010	MW-25-1	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 2	Apr/May 2010	MW-25-2	2.0 U	5.000 U	5.0 U	0.010 U
MW-25 Screen 2	Apr/May 2010	DUPE-7-2Q10	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 3	Apr/May 2010	MW-25-3	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 4	Apr/May 2010	MW-25-4	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-25 Screen 5	Apr/May 2010	MW-25-5	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 1	Apr/May 2010	MW-26-1	2.0 U	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
MW-26 Screen 2	Apr/May 2010	MW-26-2	2.2	5.000 U	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 0.06 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 Analyte concentration is an estimated value

U 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	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
		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	
3/02/10	35.0	1.4	0.6	1.9		
3/09/10	39.0	NA	NA	NA		
WELL 05	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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LINCOLN AVENUE WATER CO. (con't)	WELL 05 (con't)	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	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		
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		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE	
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 04 (con't)	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	
		2/22/10	4.0 U	NA	NA	NA	
		3/01/10	4.0 U	NA	NA	NA	
		3/08/10	4.0 U	NA	NA	NA	
		3/15/10	4.0 U	NA	NA	NA	
		3/22/10	4.0 U	NA	NA	NA	
		3/29/10	4.0 U	NA	NA	NA	
		4/05/10	4.0 U	NA	NA	NA	
		4/12/10	4.0 U	NA	NA	NA	
		4/19/10	4.0 U	NA	NA	NA	
		4/26/10	4.0 U	NA	NA	NA	
	WELL 07	5/29/09	4.0 U	NA	NA	NA	NA
		5/30/09	4.0 U	NA	NA	NA	NA
		5/31/09	4.0 U	NA	NA	NA	NA
		6/01/09	4.0 U	NA	NA	NA	NA
		6/02/09	4.0 U	NA	NA	NA	NA
		6/03/09	4.0 U	NA	NA	NA	NA
		6/04/09	4.0 U	NA	NA	NA	NA
		6/05/09	4.0 U	NA	NA	NA	NA
		6/06/09	4.0 U	NA	NA	NA	NA
		6/07/09	4.0 U	NA	NA	NA	NA
		6/08/09	4.0 U	NA	NA	NA	NA
		6/09/09	4.0 U	NA	NA	NA	NA
		6/10/09	4.0 U	NA	NA	NA	NA
		6/11/09	4.0 U	NA	NA	NA	NA
		6/12/09	4.0 U	NA	NA	NA	NA
		6/15/09	4.0 U	NA	NA	NA	NA
		6/16/09	4.0 U	NA	NA	NA	NA
		6/17/09	4.0 U	NA	NA	NA	NA
		6/18/09	4.0 U	NA	NA	NA	NA
		6/19/09	4.0 U	NA	NA	NA	NA
		6/22/09	4.0 U	NA	NA	NA	NA
		6/23/09	4.0 U	NA	NA	NA	NA
		6/24/09	4.0 U	NA	NA	NA	NA
		6/25/09	4.0 U	NA	NA	NA	NA
		6/29/09	4.0 U	NA	NA	NA	NA
		7/06/09	4.0 U	NA	NA	0.5 U	NA
7/13/09	4.0 U	NA	NA	NA	NA		
7/20/09	4.0 U	NA	NA	NA	NA		
7/27/09	4.0 U	NA	NA	NA	NA		
8/03/09	4.0 U	NA	NA	0.5 U	NA		
8/05/09	4.0 U	NA	NA	NA	NA		
8/10/09	4.0 U	NA	NA	NA	NA		
8/17/09	4.0 U	NA	NA	NA	NA		
8/24/09	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)	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	<b>0.7</b>	NA
		1/11/10	4.0 U	NA	NA	NA
		2/08/10	4.0 U	NA	<b>0.9</b>	NA
		2/16/10	4.0 U	NA	NA	NA
		2/22/10	4.0 U	NA	NA	NA
		3/01/10	4.0 U	NA	<b>0.9</b>	NA
		3/08/10	4.0 U	NA	NA	NA
		3/15/10	4.0 U	NA	NA	NA
		3/22/10	4.0 U	NA	NA	NA
		3/29/10	4.0 U	NA	NA	NA
		4/05/10	4.0 U	NA	<b>0.7</b>	NA
		4/12/10	4.0 U	NA	NA	NA
4/19/10	4.0 U	NA	NA	NA		
4/26/10	4.0 U	NA	NA	NA		
LAS FLORES WATER CO.	WELL 02	6/01/09	<b>5.9</b>	NA	<b>0.7</b>	NA
		6/08/09	<b>6.0</b>	NA	<b>0.8</b>	NA
		6/15/09	<b>5.5</b>	NA	<b>0.8</b>	NA
		6/22/09	<b>5.8</b>	NA	<b>0.7</b>	NA
		6/29/09	<b>5.9</b>	NA	<b>0.8</b>	NA
		7/06/09	<b>4.5</b>	NA	<b>0.8</b>	NA
		7/13/09	4.0 U	NA	<b>0.8</b>	NA
		7/20/09	<b>5.4</b>	NA	<b>0.6</b>	NA
		7/27/09	<b>5.3</b>	NA	<b>0.7</b>	NA
		8/03/09	<b>5.4</b>	NA	<b>0.8</b>	NA
		8/10/09	<b>5.7</b>	NA	0.5 U	NA
		8/17/09	<b>4.5</b>	NA	<b>0.7</b>	NA
		8/24/09	<b>4.1</b>	NA	<b>0.7</b>	NA
		8/31/09	<b>4.4</b>	NA	<b>0.7</b>	NA
		9/08/09	<b>5.5</b>	NA	<b>0.5</b>	NA
		9/14/09	<b>5.5</b>	NA	<b>0.6</b>	NA
		9/21/09	<b>5.4</b>	NA	<b>0.6</b>	NA
		9/28/09	<b>5.6</b>	NA	<b>4.4</b>	NA
		10/05/09	<b>7.1</b>	NA	<b>1.0</b>	NA
		10/12/09	<b>5.5</b>	NA	<b>0.5</b>	NA
10/19/09	<b>6.1</b>	NA	<b>0.6</b>	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LAS FLORES WATER CO. (con't)	WELL 02 (con't)	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
		2/22/10	6.4	NA	0.8	NA
		3/01/10	7.1	NA	0.5 U	NA
		3/15/10	6.6	NA	0.5 U	NA
		3/22/10	5.6	NA	0.5	NA
		3/29/10	4.0	NA	0.5 U	NA
		4/05/10	5.4	NA	0.5 U	NA
		4/12/10	6.4	NA	0.5	NA
4/19/10	6.3	NA	0.5 U	NA		
4/26/10	6.8	NA	0.5 U	NA		
LA CANADA IRRIGATION DIST.	WELL 01	8/10/09	4.0 U	NA	NA	NA
		2/28/10	4.5	NA	NA	NA
		3/22/10	4.0	0.5 U	0.5 U	0.9
	WELL 06	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
		3/22/10	NA	NA	0.6	1.2
VALLEY WATER CO.	WELL 01	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
		11/03/09	4.0 U	0.5 U	1.6	1.0
	WELL 02	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
		8/04/09	4.5	0.5 U	4.2	0.6
	WELL 03	6/09/09	5.4	0.5 U	1.9	1.0
		7/07/09	4.7	0.5 U	1.7	0.9
		8/04/09	5.4	0.5 U	1.7	0.9
	WELL 04	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

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
EPA Region IX Maximum Contaminant Level			NE	5.0	5.0	5.0
<p><b>Notes</b></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 APR/MAY 2010 SAMPLING EVENT**

(All concentrations reported in µg/L.)

<b>Sampling Location</b>	<b>Sample Type</b>	<b>Tentatively Identified Compound</b>	<b>Concentration</b>
MW-20-2	NORMAL	Sulfur dioxide	0.0022
MW-20-3	NORMAL	Sulfur dioxide	0.0036
MW-20-4	NORMAL	Sulfur dioxide	0.0094
MW-20-5	NORMAL	Sulfur dioxide	0.0056
MW-25-5	NORMAL	Sulfur dioxide	0.0046