



# Technical Memorandum

## First Quarter 2011 Monitoring Summary

### National Aeronautics and Space Administration

#### Jet Propulsion Laboratory, Pasadena, California

Final

May 2011

This technical memorandum summarizes the results for the first quarter 2011 groundwater sampling event completed as part of the groundwater monitoring program at the National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory (JPL).

## INTRODUCTION

During the first quarter 2011 sampling event, groundwater samples were collected from 23 JPL monitoring wells (MWs), both on- and off-facility, and analyzed for volatile organic compounds (VOCs), total chromium, hexavalent chromium [Cr(VI)], and perchlorate. 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.

Additional figures are included in this technical memorandum summarizing the results from the first quarter 2011 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.

The groundwater monitoring wells have been grouped into four categories:

- On-facility source area wells (MW-7, MW-13, MW-16, and MW-24);
- Other on-facility wells (MW-6, MW-8, MW-11, MW-22, and MW-23);
- Perimeter off-facility wells (MW-3, MW-4, MW-5, MW-10, MW-12, MW-14, and MW-15); and
- Off-facility wells (MW-17, MW-18, MW-19, MW-20, MW-21, MW-25, and MW-26).

<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.

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.

The source area treatment system has been operating since 2005 and addresses groundwater beneath the JPL facility which has historically contained the highest concentrations of perchlorate and VOCs (i.e., the source area). 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 below.

#### **PERCHLORATE ANALYTICAL RESULTS**

- During the first quarter 2011 sampling event, concentrations of perchlorate in excess of the state maximum contaminant level (MCL) (6.0 micrograms per liter [ $\mu\text{g/L}$ ]) were reported in samples collected from wells MW-13 (167  $\mu\text{g/L}$ ) and MW-24 (Screens 1 [14.3  $\mu\text{g/L}$ ] and 2 [14.0  $\mu\text{g/L}$ ]).
- Perchlorate concentrations increased slightly from their respective last sampling date to the first quarter 2011 in MW-24 (Screens 1 [9.2  $\mu\text{g/L}$  to 14.3  $\mu\text{g/L}$ ] and 2 [11.1  $\mu\text{g/L}$  to 14.0  $\mu\text{g/L}$ ]).
- Perchlorate concentrations decreased from their respective last sampling date to the first quarter 2011 in MW-7 (9.7  $\mu\text{g/L}$  to 3.1  $\mu\text{g/L}$ ) and MW-13 (823  $\mu\text{g/L}$  to 167  $\mu\text{g/L}$ ).
- Perchlorate concentrations in MW-16 and MW-24 (Screen 3) were non-detect during the first quarter 2011, with a reporting limit of 1.0  $\mu\text{g/L}$ .

#### **VOC ANALYTICAL RESULTS**

- During the first quarter 2011, carbon tetrachloride was detected at a concentration in excess of the state MCL (0.5  $\mu\text{g/L}$ ) in MW-13 (0.6  $\mu\text{g/L}$ ). This was the only carbon tetrachloride detection in the on-facility source area wells.
- TCE was detected below the state and federal MCL of 5.0  $\mu\text{g/L}$  in MW-13 at 1.0  $\mu\text{g/L}$ .
- PCE was not detected in any of the on-facility source area wells during the first quarter 2011 with a reporting limit of 0.5  $\mu\text{g/L}$ .

#### **OTHER NOTABLE DETECTIONS**

- During the first quarter 2011,  $\text{Cr(VI)}^2$  was detected below the state MCL of 50.0  $\mu\text{g/L}$  in MW-7 (12.0  $\mu\text{g/L}$ ), MW-13 (8.0  $\mu\text{g/L}$ ) and MW-16 (27.0  $\mu\text{g/L}$ ).
- During the first quarter 2011, total chromium was detected at MW-7 (15.0  $\mu\text{g/L}$ ), MW-13 (15.0  $\mu\text{g/L}$ ) and MW-16 (29.0  $\mu\text{g/L}$ ) below the state MCL of 50.0  $\mu\text{g/L}$ .

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<sup>2</sup> California DPH released a draft Public Health Goal (PHG) for hexavalent chromium of 0.06  $\mu\text{g/L}$  on August 20, 2009.

## 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 first quarter 2011 sampling event, perchlorate in excess of the state MCL (6.0 µg/L) was detected in MW-22 (Screen 1 [22.9 µg/L]) and MW-23 (Screen 1 [302 µg/L]).
- Perchlorate was detected in MW-6 (3.1 µg/L), MW-22 (Screens 2 [2.4 µg/L] and 3 [1.9 µg/L]) and MW-23 (Screens 2 [3.4 µg/L] and 3 [1.2 µg/L]) below the state MCL of 6.0 µg/L.
- Perchlorate concentrations increased from their respective last sampling date to the first quarter 2011 in MW-22 (Screen 1 [2.3 µg/L to 22.9 µg/L]) and MW-23 (Screen 1 [30.4 µg/L to 302 µg/L]).
- Perchlorate concentrations decreased slightly from their respective last sampling event to the first quarter 2011 in MW-6 (3.3 µg/L to 3.1 µg/L), MW-22 (Screens 2 [2.6 µg/L to 2.4 µg/L] and 3 [2.0 µg/L to 1.9 µg/L]) and MW-23 Screens 2 [4.4 µg/L to 3.4 µg/L] and 3 [2.2 µg/L to 1.2 µg/L]).
- From the fourth quarter 2006 to the first quarter 2010, perchlorate concentrations in MW-8 have fluctuated above the state MCL of 6.0 µg/L (from 30 µg/L to 310 µg/L). The last three quarters (third and fourth quarter 2010 and first quarter 2011) have been non-detect.
- The perchlorate concentration of 22.9 µg/L in MW-22 (Screen 1) marks the highest detection for this well screen interval. Historically, the perchlorate concentrations in MW-22 (Screen 1) have been either non-detect or below the state MCL (6.0 µg/L) with two detections that exceeded the state MCL (third quarter 1998 [6.4 µg/L] and first quarter 1999 [6.4 µg/L]). Perchlorate results in MW-22 will continue to be closely evaluated during subsequent sampling events.
- Historically, the perchlorate concentrations in MW-23 (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-23 (Screens 1, 2 and 5) between 1997 and 2008. The detections of 28.3 µg/L, 30.4 µg/L and 302 µg/L (third and fourth quarters 2010 and first quarter 2011, respectively) in Screen 1 are the only detections in MW-23 above the state MCL (6.0 µg/L) since the second quarter 1999. The detection of 302 µg/L is the highest concentration to date for MW-23. Perchlorate results in MW-23 will continue to be closely evaluated during subsequent sampling events.
- During the first quarter 2011, perchlorate was not detected in MW-8 and MW-11 (Screens 1 through 4) with a reporting limit of 1.0 µg/L.

### VOC ANALYTICAL RESULTS

- Carbon tetrachloride was not detected in any of the on-facility source area wells during the first quarter 2011 with a reporting limit of 0.5 µg/L.
- During the first quarter 2011, TCE was detected below the state and federal MCL of 5.0 µg/L in MW-6 (4.0 µg/L) and MW-23 (Screens 1 [0.9 µg/L] and 2 [1.5 µg/L]).
- PCE was detected in wells MW-6 (1.2 µg/L), MW-22 (Screen 1 [1.0 µg/L]) and MW-23 (Screen 2 [0.6 µg/L]); however, the state and federal MCL for PCE (5.0 µg/L) was not exceeded in any of these wells.

## OTHER NOTABLE DETECTIONS

- During the first quarter of 2011, Cr(VI) was not detected in any of the other on-facility wells with a reporting limit of 10.0 µg/L.
- Total chromium was detected at MW-23 (Screen 1 [7.2 µg/L]) below the state MCL of 50.0 µg/L.

## PERIMETER OFF-FACILITY WELLS

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

## PERCHLORATE ANALYTICAL RESULTS

- During the first quarter 2011 sampling event, concentrations of perchlorate in excess of the state MCL (6.0 µg/L) were reported in samples collected from wells MW-3 (Screen 2 [45.8 µg/L]) and MW-4 (Screen 2 [23.0 µg/L]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-10 (1.1 µg/L), MW-12 (Screens 2 through 5 [5.7 µg/L, 4.9 µg/L, 3.5 µg/L and 2.3 µg/L, respectively]) and MW-14 (Screens 1 through 4 [3.0 µg/L, 3.6 µg/L, 5.6 µg/L and 4.0 µg/L, respectively]).
- Perchlorate concentrations increased from their respective last sampling date to the first quarter 2011 in MW-4 (Screen 2 [3.7 µg/L to 23.0 µg/L]), MW-12 (Screens 3 [1.8 J µg/L to 4.9 µg/L], 4 [3.3 J µg/L to 3.5 µg/L] and 5 [1.9 J µg/L to 2.3 µg/L]) and MW-14 (Screen 2 [2.8 µg/L to 3.6 µg/L]).
- Perchlorate concentrations decreased from their last sampling event to the first quarter 2011 in MW-3 (Screen 2 [180 µg/L to 45.8 µg/L]), MW-10 (75.9 µg/L to 1.1 µg/L), MW-12 (Screen 2 [6.1 J µg/L to 5.7 µg/L]) and MW-14 (Screens 3 [6.0 µg/L to 5.6 µg/L] and 4 [4.5 µg/L to 4.0 µg/L]).
- Historically, the perchlorate concentrations in MW-4 (Screen 2) have been below the state MCL (6.0 µg/L), since the first quarter 2002 with three exceptions 6.6 µg/L, 9.0 µg/L and 6.1 µg/L (second and third quarters of 2003 and third quarter 2005, respectively). The detection of 23.0 µg/L (first quarter 2011) is the only detection in MW-4 (Screen 2) above the state MCL (6.0 µg/L) since the third quarter 2005. Perchlorate results in MW-4 will continue to be closely evaluated during subsequent sampling events.
- Perchlorate concentrations in MW-10 have generally demonstrated a decreasing trend since July/September 2005; however, up until this quarter, the last three previous quarters (second, third and fourth of 2010) have shown increased values. Perchlorate results in MW-10 will continue to be closely evaluated during subsequent sampling events.
- Perchlorate was not detected in MW-3 (Screens 3 and 4), MW-4 (Screens 1 and 3), MW-5, MW-12 (Screen 1) and MW-14 (Screen 5) with a reporting limit of 1.0 µg/L.

## VOC ANALYTICAL RESULTS

- During the first quarter 2011, carbon tetrachloride was detected at a concentration in excess of the state MCL (0.5 µg/L) in MW-12 (Screens 3 [0.8 µg/L], 4 [1.0 µg/L] and 5 [0.6 µg/L]).
- During the first quarter 2011, TCE was detected in well MW-14 (Screens 1 [2.7 µg/L], 2 [7.3 µg/L] and 3 [2.3 µg/L]). Only concentrations in Screen 2 (7.3 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. The non-detection during

this quarter in MW-10 is the first non-detect since the third quarter 2000. Historically, TCE detections have been 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 except the fourth quarter 2010.

- During the first quarter 2011, PCE was detected below the state and federal MCL of 5.0 µg/L in MW-4 (Screen 2 [0.6 µg/L]) and MW-14 (Screens 2 [0.6 µg/L] and 3 [0.8 µg/L]).

#### **OTHER NOTABLE RESULTS**

- During the first quarter of 2011, Cr(VI) was not detected in any of the perimeter off-facility wells with a reporting limit of 10.0 µg/L.
- During the first quarter 2011, total chromium was detected below the state MCL of 50.0 µg/L in MW-3 (Screen 2 [5.6 µg/L]) and MW-4 (Screen 2 [6.7 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. Daily operation of the Monk Hill Treatment System (MHTS) began in February 2011, with the majority of treated water discharged to the Arroyo Seco Spreading Basins. The production wells associated with the MHTS are located upgradient of the off-facility wells discussed below.

#### **PERCHLORATE ANALYTICAL RESULTS**

- During the first quarter 2011 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-17 (Screens 2 [24.1 µg/L] and 3 [8.5 µg/L]), MW-18 (Screens 3 [54.2 µg/L] and 4 [46.8 µg/L]), MW-19 (Screens 1 [7.4 µg/L] and 2 [6.0 µg/L]) and MW-25 (Screens 1 through 4 [9.7 µg/L, 14.0 µg/L, 9.8 µg/L and 8.3 µg/L, respectively]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-17 (Screen 4 [3.8 µg/L]), MW-19 (Screens 3, 4 and 5 [3.9 µg/L, 3.2 µg/L and 2.9 µg/L, respectively]), MW-20 (Screen 2 [3.8 µg/L]), MW-21 (Screens 1, 2, 4 and 5 [2.9 µg/L, 1.9 µg/L, 2.6 µg/L and 3.0 µg/L, respectively]) and MW-26 (Screen 1 [3.3 µg/L]).
- Perchlorate concentrations increased from their respective last sampling date to the first quarter 2011 in MW-17 (Screens 2 [5.3 µg/L to 24.1 µg/L] and 4 [non-detect to 3.8 µg/L]), MW-18 (Screen 4 [30.0 µg/L to 46.8 µg/L]), MW-19 (Screen 3 [3.6 µg/L to 3.9 µg/L]), MW-20 (Screen 2 [2.7 µg/L to 3.8 µg/L]), MW-21 (Screen 1 [2.4 µg/L to 2.9 µg/L]) and MW-26 (Screen 1 [2.5 µg/L to 3.3 µg/L]).
- Perchlorate concentrations decreased from their respective last sampling event to the first quarter 2011 in MW-17 (Screen 3 [9.2 µg/L to 8.5 µg/L]), MW-18 (Screens 2 [1.9 µg/L to non-detect] and 3 [65.2 µg/L to 54.2 µg/L]), MW-19 (Screens 1 [9.0 µg/L to 7.4 µg/L] and 5 [3.3 µg/L to 2.9 µg/L]), MW-21 (Screens 2 through 5 [2.6 µg/L to 1.9 µg/L, 2.9 µg/L to non-detect, 3.0 µg/L to 2.4 µg/L and 4.3 µg/L to 3.0 µg/L, respectively]) and MW-25 (Screens 1, 2 and 3 [10.5 µg/L to 9.7 µg/L, 14.5 µg/L to 14.0 µg/L and 10.0 µg/L to 9.8 µg/L, respectively]).
- Prior to the first quarter 2003, the perchlorate concentrations in MW-17 (Screen 2) were non-detect. From the first quarter 2003 through the fourth quarter 2008 all detections were above the state MCL with the exception of three quarters (first and second quarters 2003 and third quarter 2008). Since the first quarter 2009 all detections have been below the state MCL (6.0 µg/L) up until the detection of 24.1 µg/L during the first quarter 2011. The concentration of 24.1 µg/L during the first quarter 2011 is the highest reported concentration for MW-17 (Screen

2). Perchlorate results in MW-17 will continue to be closely evaluated during subsequent sampling events.

- 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 quarters of 2008.
- Concentrations of perchlorate were not detected in MW-18 (Screens 2 and 5), MW-20 (Screens 1, 3, 4 and 5), MW-21 (Screen 3), MW-25 (Screen 5) and MW-26 (Screen 2).

#### **VOC ANALYTICAL RESULTS**

- During the first quarter 2011, carbon tetrachloride was detected at a concentration in excess of the state MCL (0.5 µg/L) in MW-18 (Screens 3 [7.4 µg/L] and 4 [12.0 µg/L]).
- TCE was detected in six off-facility wells during the first quarter 2011, including MW-18 (Screens 3 and 4), MW-19 (Screen 2), MW-20 (Screens 2 and 3), MW-21 (Screen 3), MW-25 (Screen 1) and MW-26 (Screen 1); however, only the detection in MW-25 (Screen 1 [5.4 µg/L]) exceeded the state and federal MCL (5.0 µg/L) during the first quarter 2011.
- PCE was detected in four off-facility wells: MW-18 (Screen 4), MW-19 (Screens 2, 3 and 5), MW-21 (Screens 2, 3, 4, and 5) and MW-26 (Screen 1); however, only MW-21 (Screens 2 [8.5 µg/L] and 3 [5.5 µg/L]) contained concentrations of PCE exceeding the state and federal MCL (5.0 µg/L) during the first quarter 2011. PCE concentrations in MW-21 (Screens 2 and 3) have typically been present above the state and federal MCL (5.0 µg/L) since the second quarter 2006.

#### **OTHER NOTABLE DETECTIONS**

- During the first quarter of 2011, Cr(VI) was not detected in any of the off-facility wells with a reporting limit of 10.0 µg/L.
- During the first quarter 2011, total chromium was detected below the state MCL of 50.0 µg/L in MW-20 (Screen 5 [28.0 µg/L]).

#### **ALL WELL CATEGORIES (OTHER RESULTS)**

- The TIC sulfur dioxide was detected in seven wells. The TIC results are presented in Table 4.
- Comparing the fourth quarter 2010 to the first quarter 2011, groundwater levels increased an average of approximately 14.8 ft. Groundwater levels in the first quarter 2011 sampling event continue to be higher than historical values and are lower only by an average of 1.9 ft from the April 2005 highs.
- Groundwater level measurements collected during the first quarter 2011 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)
-

## FIGURES



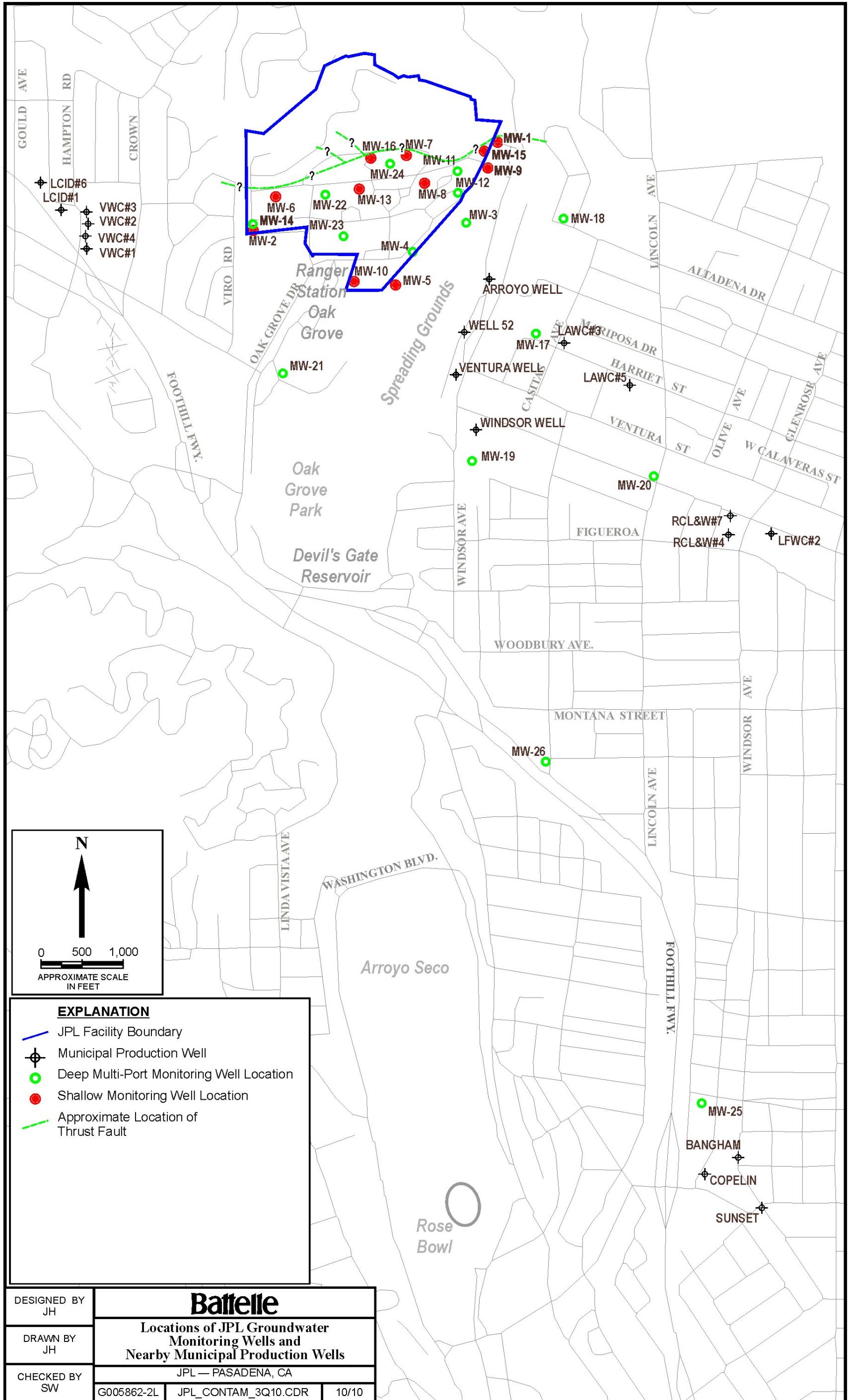


Figure 1.



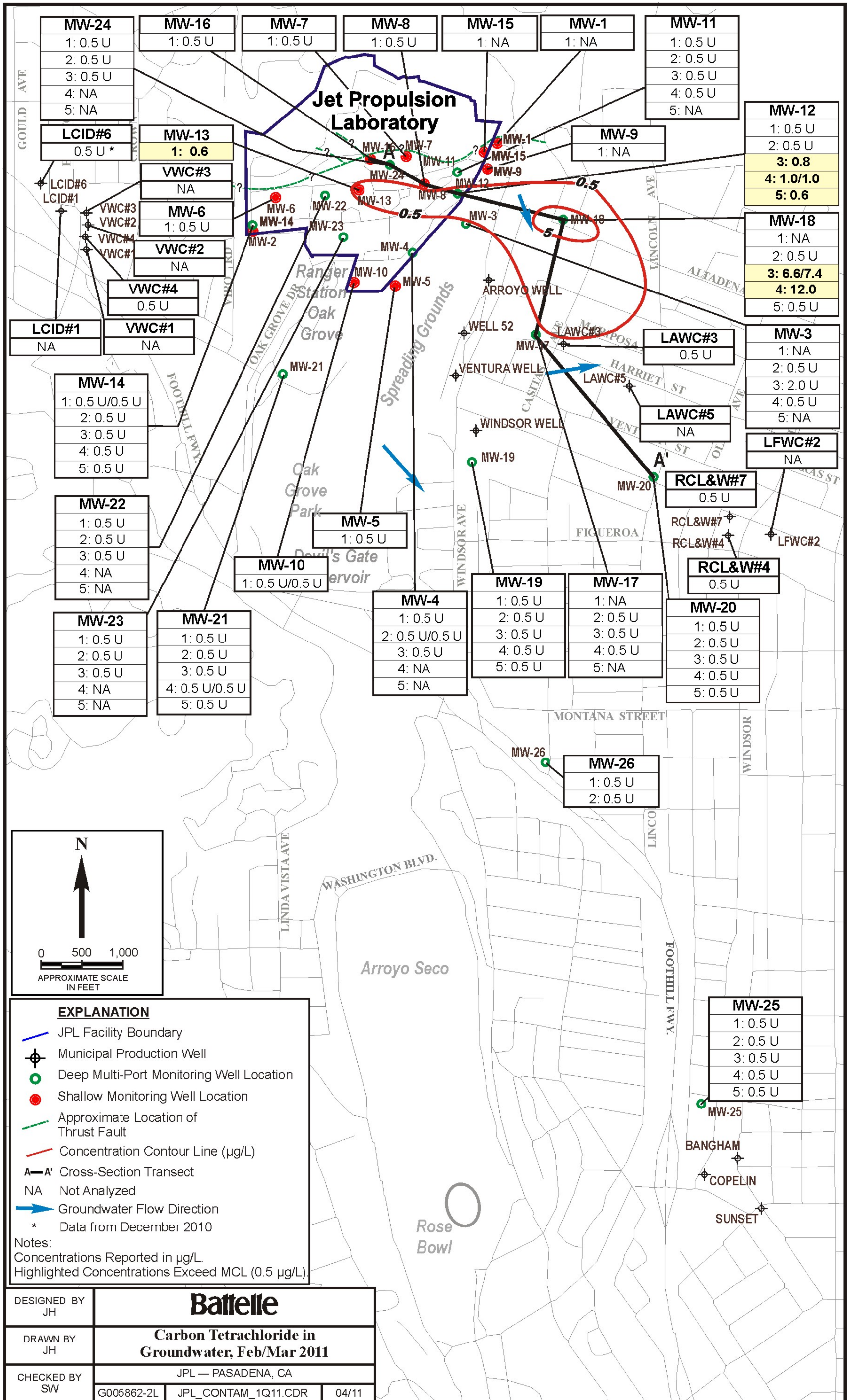


Figure 2.

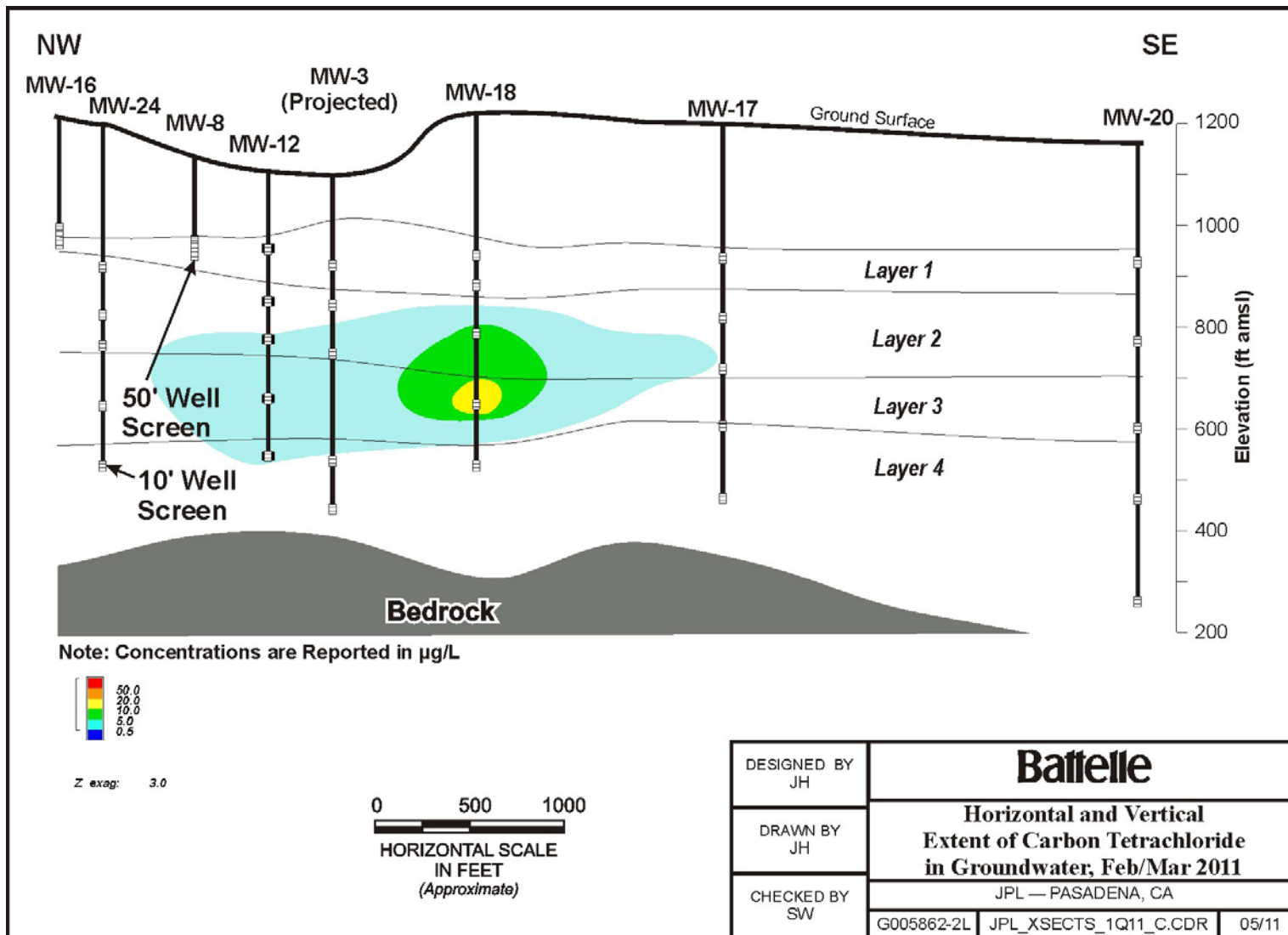


Figure 3.



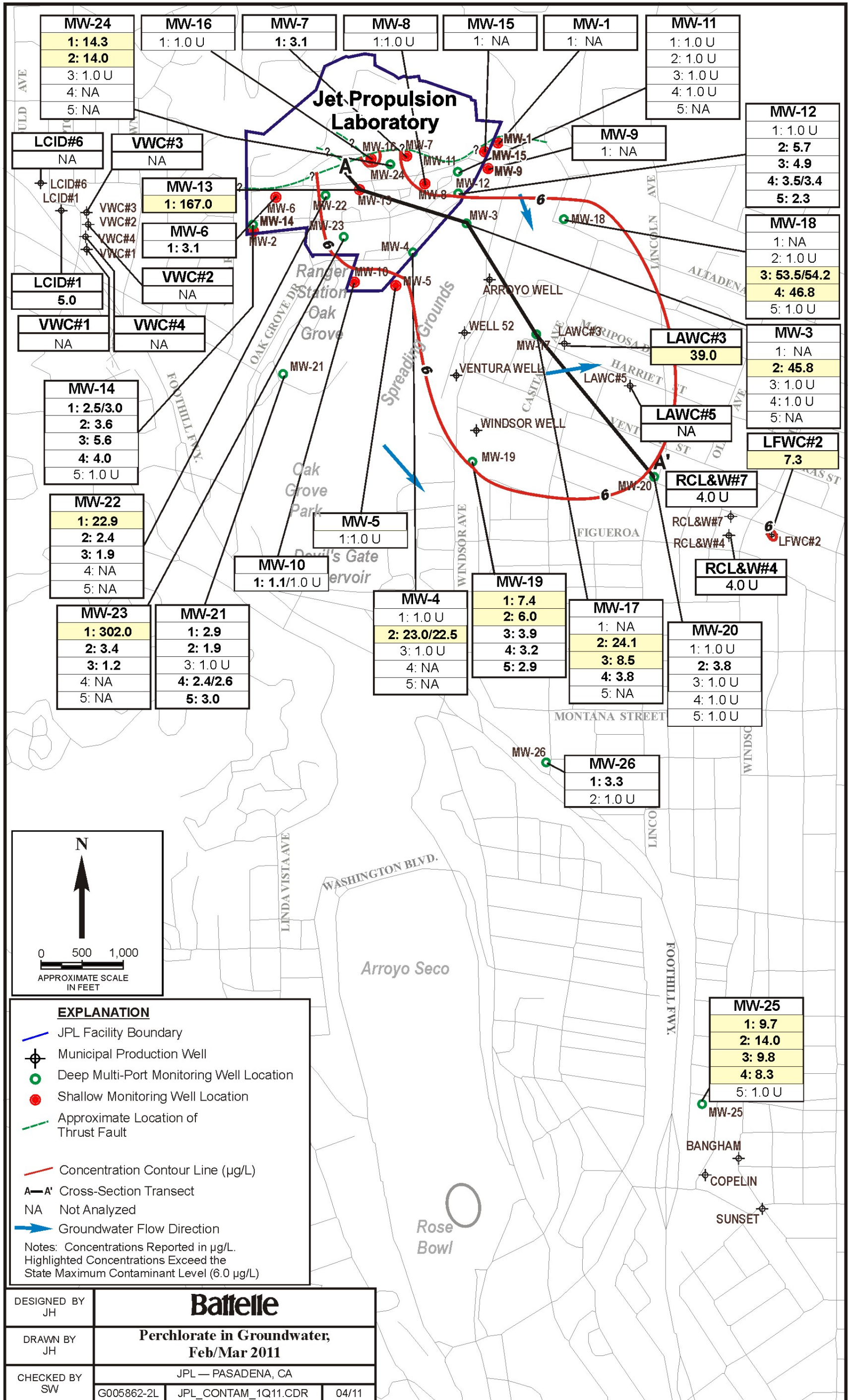
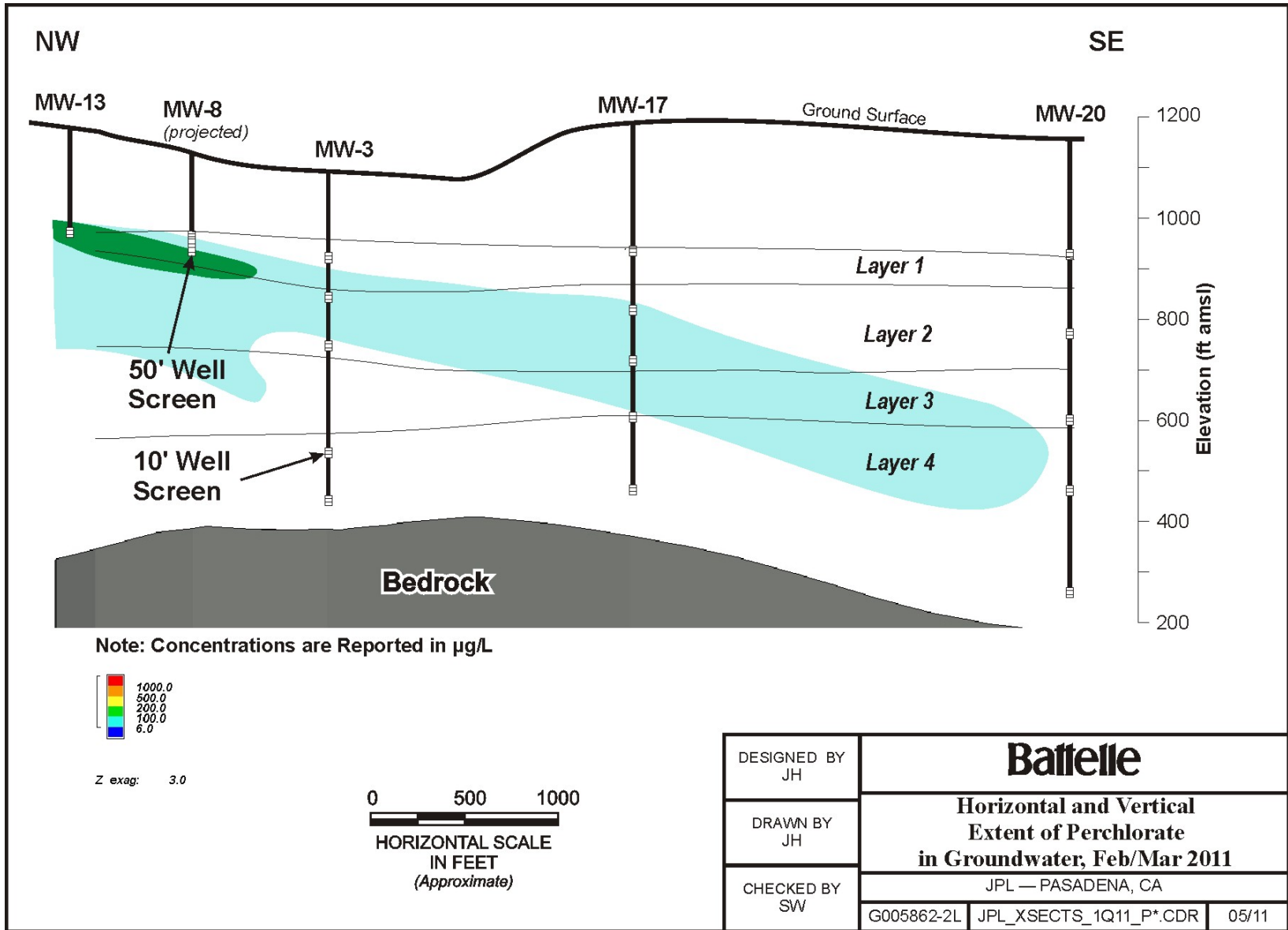


Figure 4.



**Figure 5.**



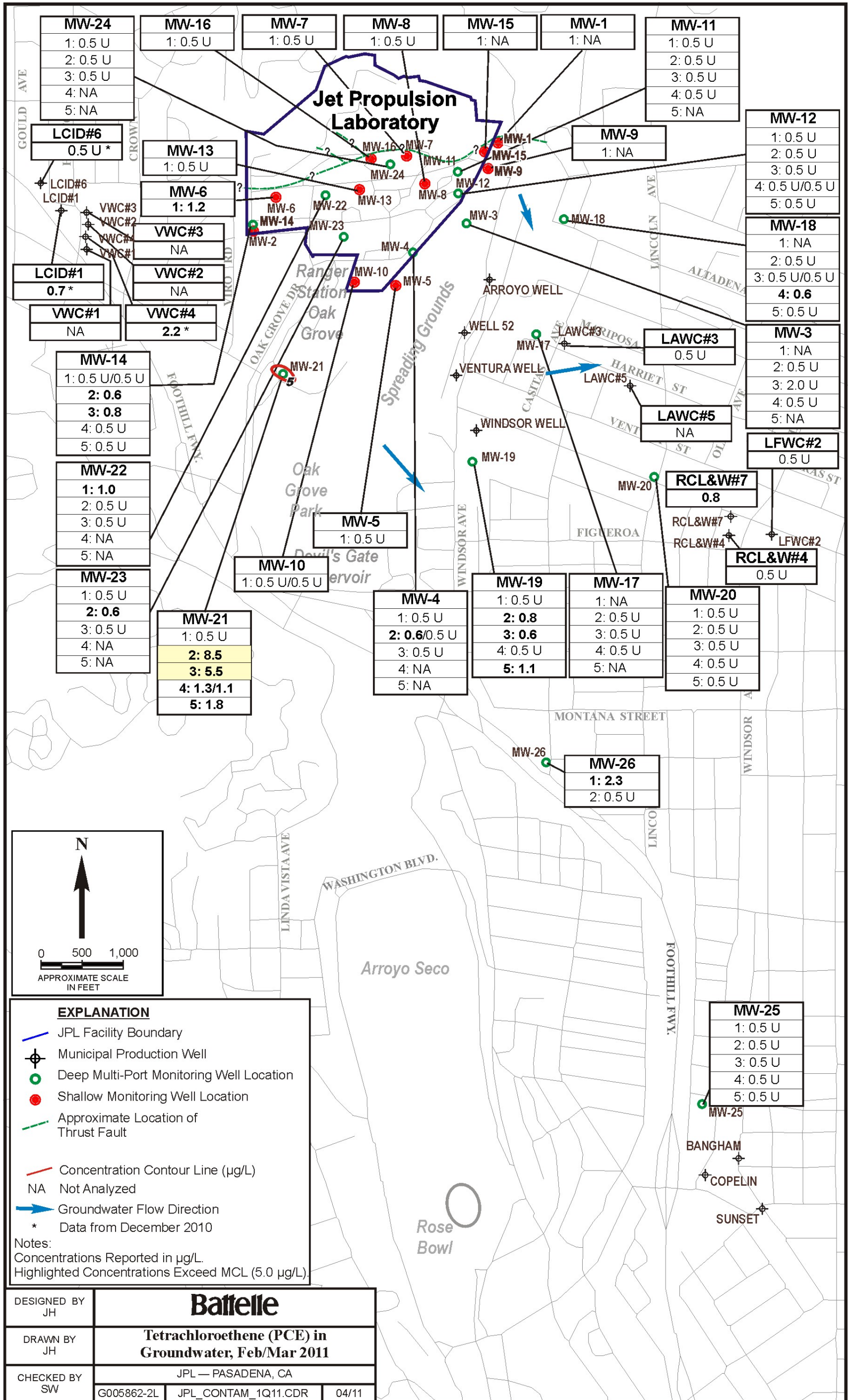


Figure 6.



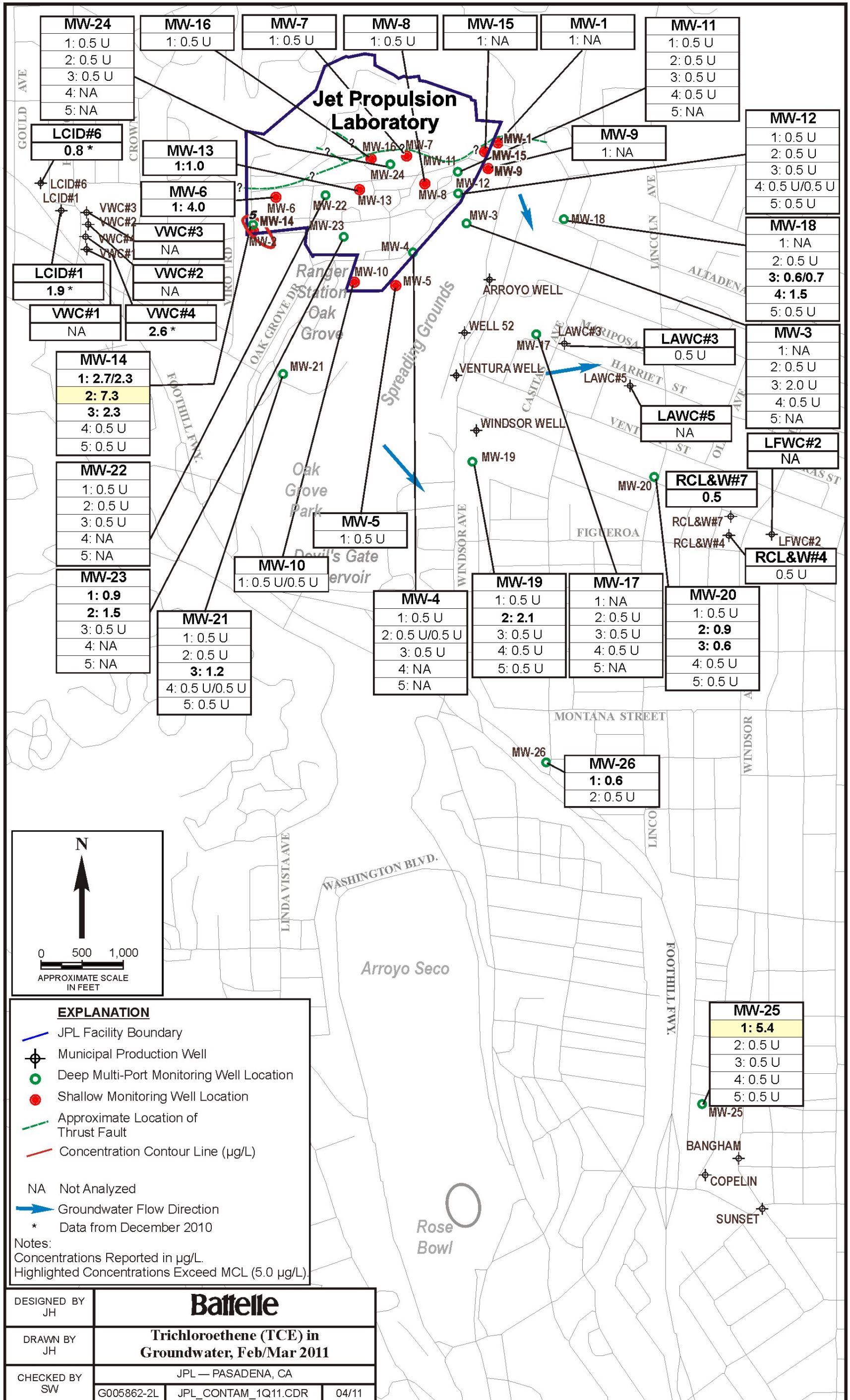
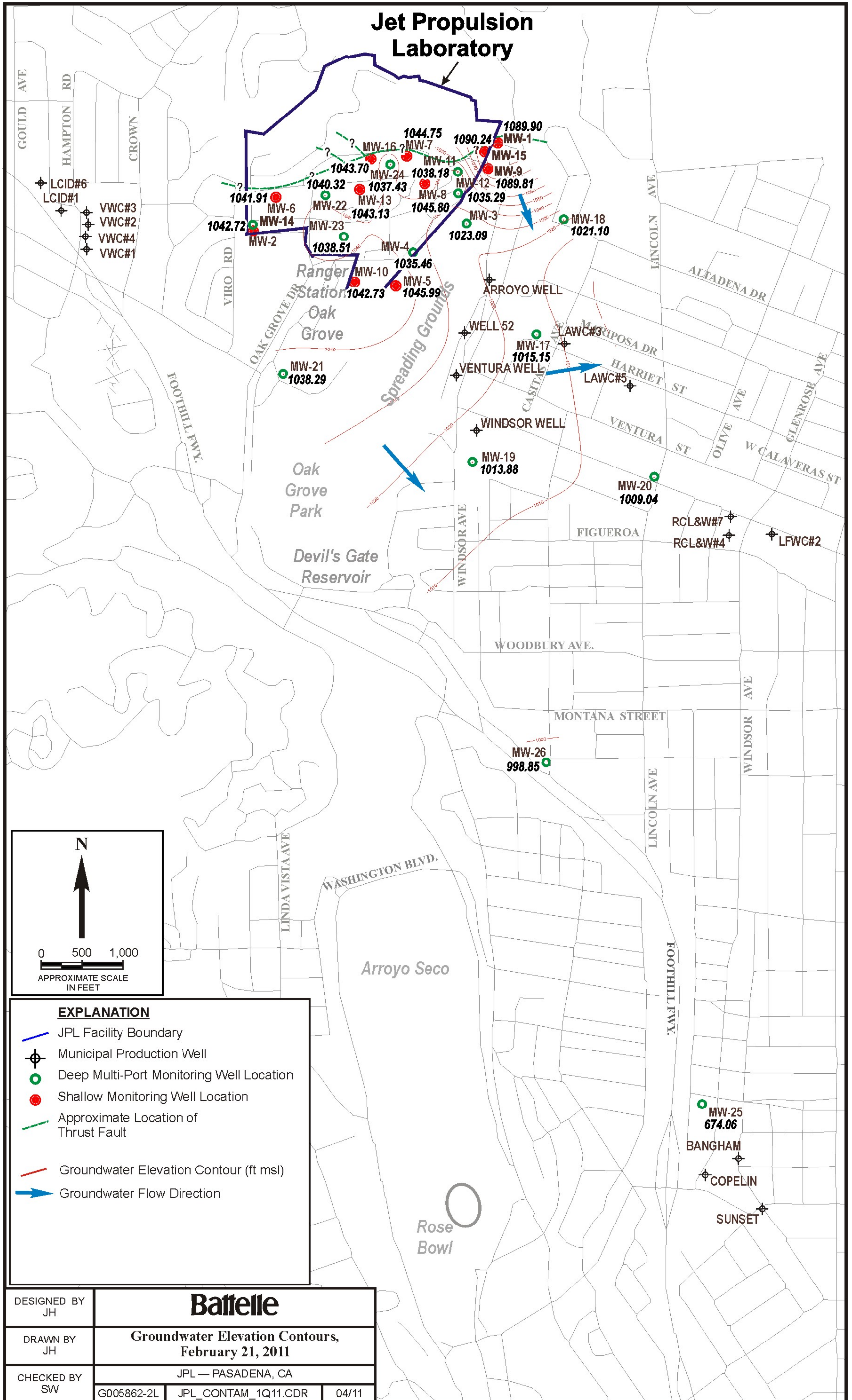


Figure 7.





DESIGNED BY JH	<b>Battelle</b>		
DRAWN BY JH	Groundwater Elevation Contours, February 21, 2011		
CHECKED BY SW	JPL — PASADENA, CA		
	G005862-2L	JPL_CONTAM_1Q11.CDR	04/11

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 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-1	Oct/Nov 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-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 1	Oct/Nov 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 1	Oct/Nov 2010	DUPE-04-4Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-3 Screen 2	Apr/May 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 2	Jul/Aug 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	2.3	164.0	Bromodichloromethane	1.0
MW-3 Screen 2	Oct/Nov 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	2.1	180.0	Bromodichloromethane	0.7
MW-3 Screen 2	Feb/Mar 2011	MW-3-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	45.8		
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 3	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	MW-3-3	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 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 4	Jul/Aug 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	Oct/Nov 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/Mar 2011	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 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-3 Screen 5	Oct/Nov 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	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 1	Jul/Aug 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 1	Jul/Aug 2010	DUPE-3-3Q10	0.5 U	0.5 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	Oct/Nov 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 1	Feb/Mar 2011	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	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		
MW-4 Screen 2	Jul/Aug 2010	MW-4-2	0.5 U	0.7	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8		
MW-4 Screen 2	Oct/Nov 2010	MW-4-2	0.5 U	0.6	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.7		
MW-4 Screen 2	Feb/Mar 2011	MW-4-2	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	23.0		
MW-4 Screen 2	Feb/Mar 2011	DUPE-04-1Q11	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	22.5		
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 Styrene	1.1 0.6 J

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 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	1.7
												Styrene	0.7
MW-4 Screen 3	Oct/Nov 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		
MW-4 Screen 3	Feb/Mar 2011	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		
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 4	Oct/Nov 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 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-4 Screen 5	Oct/Nov 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	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-5	Jul/Aug 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	Oct/Nov 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/Mar 2011	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	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-6	Jul/Aug 2010	MW-6	0.5 U	3.7	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.0		
MW-6	Oct/Nov 2010	MW-6	0.5 U	3.0	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5	3.3		
MW-6	Feb/Mar 2011	MW-6	0.5 U	4.0	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.1		
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-7	Jul/Aug 2010	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.4	10.0	Bromodichloromethane	1.9
MW-7	Oct/Nov 2010	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.7	9.7	Bromodichloromethane	4.5
												Dibromochloromethane	2.0
MW-7	Feb/Mar 2011	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	15.0	3.1	Bromodichloromethane	8.7
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-8	Jul/Aug 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	1.0 U		
MW-8	Jul/Aug 2010	DUPE-1-3Q10	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-8	Oct/Nov 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	1.0 U		
MW-8	Feb/Mar 2011	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	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-9	Oct/Nov 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	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-10	Jul/Aug 2010	MW-10	0.5 U	2.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	52.8 J		
MW-10	Oct/Nov 2010	MW-10	0.5 U	3.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.2	75.9		
MW-10	Feb/Mar 2011	MW-10	0.5 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-10	Feb/Mar 2011	DUPE-7-1Q11	0.5 U	0.5 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 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 1	Jul/Aug 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 U		
MW-11 Screen 1	Oct/Nov 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 U		
MW-11 Screen 1	Feb/Mar 2011	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		

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 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 2	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	MW-11-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 3	Apr/May 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	Jul/Aug 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	Jul/Aug 2010	DUPE-5-3Q10	0.5 U	0.5 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	Oct/Nov 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	Feb/Mar 2011	MW-11-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 4	Apr/May 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 4	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	MW-11-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-11 Screen 5	Apr/May 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-11 Screen 5	Oct/Nov 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	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 1	Jul/Aug 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	0.6	1.0 U	
MW-12 Screen 1	Oct/Nov 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	Feb/Mar 2011	MW-12-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-12 Screen 2	Apr/May 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 2	Jul/Aug 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	5.5	
MW-12 Screen 2	Oct/Nov 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	6.1 J	
MW-12 Screen 2	Feb/Mar 2011	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	5.7	
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	0.7	4.3	
MW-12 Screen 3	Jul/Aug 2010	MW-12-3	2.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0	3.4	
MW-12 Screen 3	Oct/Nov 2010	MW-12-3	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	1.8 J	
MW-12 Screen 3	Oct/Nov 2010	DUPE-05-4Q10	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.9	1.6 J	
MW-12 Screen 3	Feb/Mar 2011	MW-12-3	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	4.9	
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 4	Jul/Aug 2010	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	3.5	
MW-12 Screen 4	Jul/Aug 2010	DUPE-6-3Q10	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.6	
MW-12 Screen 4	Oct/Nov 2010	MW-12-4	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.3 J	
MW-12 Screen 4	Feb/Mar 2011	MW-12-4	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	3.5	
MW-12 Screen 4	Feb/Mar 2011	DUPE-06-1Q11	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	3.4	
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-12 Screen 5	Jul/Aug 2010	MW-12-5	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	3.2	
MW-12 Screen 5	Oct/Nov 2010	MW-12-5	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.9 J	
MW-12 Screen 5	Feb/Mar 2011	MW-12-5	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.3	

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-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	2.6
												Bromodichloromethane	0.5
MW-13	Jul/Aug 2010	MW-13	1.0	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.6	1040.0 J	Bromodichloromethane	0.9
												Dibromochloromethane	0.8
MW-13	Oct/Nov 2010	MW-13	0.9	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.8	823.0	Bromodichloromethane	1.6
												Bromoform	0.8
												Dibromochloromethane	1.5
MW-13	Feb/Mar 2011	MW-13	0.6	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	167.0		
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 1	Jul/Aug 2010	MW-14-1	0.5 U	3.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.1		
MW-14 Screen 1	Oct/Nov 2010	MW-14-1	0.5 U	3.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7		
MW-14 Screen 1	Feb/Mar 2011	MW-14-1	0.5 U	2.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5		
MW-14 Screen 1	Feb/Mar 2011	DUPE-02-1Q11	0.5 U	2.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.0		
MW-14 Screen 2	Apr/May 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 2	Jul/Aug 2010	MW-14-2	0.5 U	9.7	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.8		
MW-14 Screen 2	Oct/Nov 2010	MW-14-2	0.5 U	4.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-14 Screen 2	Oct/Nov 2010	DUPE-02-4Q10	0.5 U	3.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.8		
MW-14 Screen 2	Feb/Mar 2011	MW-14-2	0.5 U	7.3	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.6		
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 3	Jul/Aug 2010	MW-14-3	0.5 U	2.1	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5	5.6		
MW-14 Screen 3	Oct/Nov 2010	MW-14-3	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.0		
MW-14 Screen 3	Feb/Mar 2011	MW-14-3	0.5 U	2.3	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.6	5.6		
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 4	Jul/Aug 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 4	Oct/Nov 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	4.5		
MW-14 Screen 4	Feb/Mar 2011	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	4.0		
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-14 Screen 5	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	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 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		
MW-15	Oct/Nov 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		
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	16.0
												Bromoform	6.3
												Dibromochloromethane	16.0
MW-16	Jul/Aug 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	1.0 U		
MW-16	Oct/Nov 2010	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	17.0	1.0 U	Bromodichloromethane	20.0
												Bromoform	3.3
												Dibromochloromethane	15.0

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-16	Feb/Mar 2011	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	1.0 U	Bromodichloromethane	16.0
												Bromoform	5.0
												Dibromochloromethane	17.0
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 1	Oct/Nov 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 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 2	Jul/Aug 2010	MW-17-2	0.5 U	0.8	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.4		
MW-17 Screen 2	Oct/Nov 2010	MW-17-2	0.5 U	0.8	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.3		
MW-17 Screen 2	Feb/Mar 2011	MW-17-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	24.1		
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 3	Jul/Aug 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	9.8		
MW-17 Screen 3	Oct/Nov 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	9.2		
MW-17 Screen 3	Feb/Mar 2011	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	8.5		
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 4	Jul/Aug 2010	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	Oct/Nov 2010	MW-17-4	0.5 U	1.4	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/Mar 2011	MW-17-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.8		
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-17 Screen 5	Oct/Nov 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	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 1	Oct/Nov 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	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 2	Jul/Aug 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	2.2		
MW-18 Screen 2	Oct/Nov 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	1.9		
MW-18 Screen 2	Feb/Mar 2011	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 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 3	Jul/Aug 2010	MW-18-3	22.0	1.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2	65.1		
MW-18 Screen 3	Oct/Nov 2010	MW-18-3	20.0	1.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	65.2		
MW-18 Screen 3	Feb/Mar 2011	MW-18-3	6.6	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	53.5		
MW-18 Screen 3	Feb/Mar 2011	DUPE-03-1Q11	7.4	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.4	54.2		
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 4	Jul/Aug 2010	MW-18-4	9.1	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.1	54.5		
MW-18 Screen 4	Oct/Nov 2010	MW-18-4	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	30.0	Methyl-tert-butyl ether (MTBE)	2.0
												Styrene	2.7
MW-18 Screen 4	Feb/Mar 2011	MW-18-4	12.0	1.5	0.6	0.5 U	0.5 U	0.5 U	0.5 U	2.4	46.8		
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-18 Screen 5	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	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		

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 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 1	Jul/Aug 2010	MW-19-1	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	9.9	
MW-19 Screen 1	Oct/Nov 2010	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	9.0 J	
MW-19 Screen 1	Feb/Mar 2011	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	7.4	
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 2	Jul/Aug 2010	MW-19-2	0.5 U	1.9	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.6	6.0	
MW-19 Screen 2	Oct/Nov 2010	MW-19-2	0.5 U	1.6	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.0 J	
MW-19 Screen 2	Feb/Mar 2011	MW-19-2	0.5 U	2.1	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	6.0	
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 3	Jul/Aug 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	3.4	
MW-19 Screen 3	Oct/Nov 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	3.6 J	
MW-19 Screen 3	Feb/Mar 2011	MW-19-3	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.9	
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 4	Jul/Aug 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	3.0	
MW-19 Screen 4	Oct/Nov 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	3.2 J	
MW-19 Screen 4	Feb/Mar 2011	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	3.2	
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-19 Screen 5	Jul/Aug 2010	MW-19-5	0.5 U	0.5 U	1.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3	
MW-19 Screen 5	Oct/Nov 2010	MW-19-5	0.5 U	0.5 U	1.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3 J	
MW-19 Screen 5	Feb/Mar 2011	MW-19-5	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.9	
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 1	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 2	Apr/May 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 2	Jul/Aug 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	2.5	
MW-20 Screen 2	Oct/Nov 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	2.7 J	
MW-20 Screen 2	Feb/Mar 2011	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	3.8	
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	
MW-20 Screen 3	Jul/Aug 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	Jul/Aug 2010	DUPE-2-3Q10	0.5 U	0.5 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	Oct/Nov 2010	MW-20-3	0.5 U	0.5	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	Feb/Mar 2011	MW-20-3	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-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 4	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	MW-20-4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U	
MW-20 Screen 5	Apr/May 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-20 Screen 5	Jul/Aug 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	

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	Oct/Nov 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	Styrene	0.8
MW-20 Screen 5	Feb/Mar 2011	MW-20-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-21 Screen 1	Apr/May 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 1	Jul/Aug 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	1.2	3.3		
MW-21 Screen 1	Oct/Nov 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	1.3	2.4		
MW-21 Screen 1	Feb/Mar 2011	MW-21-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	2.9		
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 2	Jul/Aug 2010	MW-21-2	0.5 U	0.5 U	6.9	0.5 U	0.5 U	0.5 U	0.5 U	3.5	2.6	cis-1,2-Dichloroethene	0.7
MW-21 Screen 2	Oct/Nov 2010	MW-21-2	0.5 U	0.5 U	4.0	0.5 U	0.5 U	0.5 U	0.5 U	4.0	2.5	cis-1,2-Dichloroethene	0.8
MW-21 Screen 2	Oct/Nov 2010	DUPE-01-4Q10	0.5 U	0.5 U	4.6	0.5 U	0.5 U	0.5 U	0.5 U	4.0	2.6	cis-1,2-Dichloroethene	0.8
MW-21 Screen 2	Feb/Mar 2011	MW-21-2	0.5 U	0.5 U	8.5	0.5 U	0.5 U	0.5 U	0.5 U	4.9	1.9	cis-1,2-Dichloroethene	0.6
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 3	Jul/Aug 2010	MW-21-3	0.5 U	0.6	2.1	0.5 U	0.5 U	0.5 U	0.5 U	2.2	3.5		
MW-21 Screen 3	Oct/Nov 2010	MW-21-3	0.5 U	1.4	6.2	0.5 U	0.5 U	0.5 U	0.5 U	4.7	2.9	cis-1,2-Dichloroethene	0.9
MW-21 Screen 3	Feb/Mar 2011	MW-21-3	0.5 U	1.2	5.5	0.5 U	0.5 U	0.5 U	0.5 U	4.5	1.0 U	cis-1,2-Dichloroethene	0.8
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 4	Jul/Aug 2010	MW-21-4	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	6.8	2.7		
MW-21 Screen 4	Oct/Nov 2010	MW-21-4	0.5 U	0.5 U	1.9	0.5 U	0.5 U	0.5 U	0.5 U	6.9	3.0		
MW-21 Screen 4	Feb/Mar 2011	MW-21-4	0.5 U	0.5 U	1.3	0.5 U	0.5 U	0.5 U	0.5 U	5.8	2.4		
MW-21 Screen 4	Feb/Mar 2011	DUPE-01-1Q11	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U	4.9	2.6		
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-21 Screen 5	Jul/Aug 2010	MW-21-5	0.5 U	0.5 U	1.7	0.5 U	0.5 U	0.5 U	0.5 U	3.7	3.6		
MW-21 Screen 5	Oct/Nov 2010	MW-21-5	0.5 U	0.5 U	1.5	0.5 U	0.5 U	0.5 U	0.5 U	3.7	4.3		
MW-21 Screen 5	Feb/Mar 2011	MW-21-5	0.5 U	0.5 U	1.8	0.5 U	0.5 U	0.5 U	0.5 U	4.3	3.0		
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 1	Jul/Aug 2010	MW-22-1	0.5 U	0.5 U	2.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.7		
MW-22 Screen 1	Oct/Nov 2010	MW-22-1	0.5 U	0.5 U	2.0	0.5	0.5 U	0.5 U	0.5 U	0.5 U	2.3		
MW-22 Screen 1	Feb/Mar 2011	MW-22-1	0.5 U	0.5 U	1.0	0.5 U	0.5 U	0.5 U	0.5 U	0.8	22.9		
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 2	Jul/Aug 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	2.4		
MW-22 Screen 2	Jul/Aug 2010	DUPE-4-3Q10	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	Oct/Nov 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	2.5		
MW-22 Screen 2	Oct/Nov 2010	DUPE-03-4Q10	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-22 Screen 2	Feb/Mar 2011	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	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 3	Jul/Aug 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	2.6		
MW-22 Screen 3	Oct/Nov 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	2.0		
MW-22 Screen 3	Feb/Mar 2011	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	1.9		
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 4	Oct/Nov 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		



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 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-22 Screen 5	Oct/Nov 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	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 1	Jul/Aug 2010	MW-23-1	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	28.3		
MW-23 Screen 1	Oct/Nov 2010	MW-23-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	30.4 J		
MW-23 Screen 1	Oct/Nov 2010	DUPE-07-4Q10	0.5 U	0.5 U	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	29.9 J		
MW-23 Screen 1	Feb/Mar 2011	MW-23-1	0.5 U	0.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.3	302.0		
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 2	Jul/Aug 2010	MW-23-2	0.5 U	1.4	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.6	4.9		
MW-23 Screen 2	Oct/Nov 2010	MW-23-2	0.5 U	1.4	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.6	4.4 J		
MW-23 Screen 2	Feb/Mar 2011	MW-23-2	0.5 U	1.5	0.6	0.5 U	0.5 U	0.5 U	0.5 U	0.6	3.4		
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 3	Jul/Aug 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	1.7		
MW-23 Screen 3	Oct/Nov 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	2.2 J		
MW-23 Screen 3	Feb/Mar 2011	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	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 4	Oct/Nov 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	1.0 U		
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-23 Screen 5	Oct/Nov 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	1.0 U		
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 1	Jul/Aug 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	5.4	5.8		
MW-24 Screen 1	Oct/Nov 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	2.3	9.2		
MW-24 Screen 1	Feb/Mar 2011	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	5.4	14.3		
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 2	Jul/Aug 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	11.1		
MW-24 Screen 2	Jul/Aug 2010	DUPE-7-3Q10	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-24 Screen 2	Oct/Nov 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	11.1		
MW-24 Screen 2	Feb/Mar 2011	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	14.0		
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 3	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	MW-24-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1.0 U		
MW-24 Screen 4	Apr/May 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 4	Oct/Nov 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	1.0 U		
MW-24 Screen 4	Oct/Nov 2010	DUPE-06-4Q10	0.5 U	0.5 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-24 Screen 5	Oct/Nov 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	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 1	Jul/Aug 2010	MW-25-1	0.5 U	3.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	10.6		
MW-25 Screen 1	Oct/Nov 2010	MW-25-1	0.5 U	2.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	10.5		

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/Mar 2011	MW-25-1	0.5 U	5.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5	9.7	
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 2	Jul/Aug 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	14.1	
MW-25 Screen 2	Oct/Nov 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	14.5	
MW-25 Screen 2	Feb/Mar 2011	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	14.0	
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 3	Jul/Aug 2010	MW-25-3	0.5 U	0.5 U	0.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5	10.5	
MW-25 Screen 3	Oct/Nov 2010	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	10.0	
MW-25 Screen 3	Feb/Mar 2011	MW-25-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.7	9.8	
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 4	Jul/Aug 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	8.0	
MW-25 Screen 4	Oct/Nov 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	8.3	
MW-25 Screen 4	Feb/Mar 2011	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	8.3	
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-25 Screen 5	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	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-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 1	Jul/Aug 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	3.0	
MW-26 Screen 1	Oct/Nov 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	3.0	
MW-26 Screen 1	Oct/Nov 2010	DUPE-08-4Q10	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5	
MW-26 Screen 1	Feb/Mar 2011	MW-26-1	0.5 U	0.6	2.3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.3	
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	
MW-26 Screen 2	Jul/Aug 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	Oct/Nov 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	Feb/Mar 2011	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	
<p><b>Notes</b></p> <p>DUPE Field Duplicate</p> <p>NA Not analyzed</p> <p>NE Not established</p> <p>* Interim Action Level - California Department of Public Health</p> <p>J Analyte concentration is an estimated value</p> <p>U Analyte was analyzed for but not detected at or above the stated limit</p>												

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

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

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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-1	Apr/May 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-1	Oct/Nov 2010	MW-1	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 1	Oct/Nov 2010	MW-3-1	NA	NA	5.0 U	0.010 U
MW-3 Screen 1	Oct/Nov 2010	DUPE-04-4Q10	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 2	Jul/Aug 2010	MW-3-2	NA	NA	5.0 U	0.010 U
MW-3 Screen 2	Oct/Nov 2010	MW-3-2	NA	NA	5.0 U	0.010 U
MW-3 Screen 2	Feb/Mar 2011	MW-3-2	NA	NA	<b>5.6</b>	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 3	Jul/Aug 2010	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Oct/Nov 2010	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 3	Feb/Mar 2011	MW-3-3	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Apr/May 2010	MW-3-4	<b>2.6</b>	5.000 U	5.0 U	0.010 U
MW-3 Screen 4	Jul/Aug 2010	MW-3-4	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Oct/Nov 2010	MW-3-4	NA	NA	5.0 U	0.010 U
MW-3 Screen 4	Feb/Mar 2011	MW-3-4	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-3 Screen 5	Oct/Nov 2010	MW-3-5	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 1	Jul/Aug 2010	MW-4-1	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Jul/Aug 2010	DUPE-3-3Q10	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Oct/Nov 2010	MW-4-1	NA	NA	5.0 U	0.010 U
MW-4 Screen 1	Feb/Mar 2011	MW-4-1	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 2	Jul/Aug 2010	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Oct/Nov 2010	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 2	Feb/Mar 2011	MW-4-2	NA	NA	<b>6.7</b>	0.010 U
MW-4 Screen 2	Feb/Mar 2011	DUPE-04-1Q11	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 3	Jul/Aug 2010	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Oct/Nov 2010	MW-4-3	NA	NA	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-4 Screen 3	Feb/Mar 2011	MW-4-3	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 4	Oct/Nov 2010	MW-4-4	NA	NA	5.0 U	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-4 Screen 5	Oct/Nov 2010	MW-4-5	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-5	Jul/Aug 2010	MW-5	NA	NA	5.0 U	0.010 U
MW-5	Oct/Nov 2010	MW-5	NA	NA	5.0 U	0.010 U
MW-5	Feb/Mar 2011	MW-5	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-6	Jul/Aug 2010	MW-6	NA	NA	5.0 U	0.010 U
MW-6	Oct/Nov 2010	MW-6	NA	NA	5.0 U	0.010 U
MW-6	Feb/Mar 2011	MW-6	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-7	Jul/Aug 2010	MW-7	NA	NA	<b>6.0</b>	<b>0.007</b>
MW-7	Oct/Nov 2010	MW-7	NA	NA	5.0 U	NA
MW-7	Feb/Mar 2011	MW-7	NA	NA	<b>15.0</b>	<b>0.012</b>
MW-8	Apr/May 2010	MW-8	2.0 U	5.000 U	5.0 U	0.010 U
MW-8	Jul/Aug 2010	MW-8	NA	NA	5.0 U	0.010 U
MW-8	Jul/Aug 2010	DUPE-1-3Q10	NA	NA	5.0 U	0.010 U
MW-8	Oct/Nov 2010	MW-8	NA	NA	5.0 U	0.010 U
MW-8	Feb/Mar 2011	MW-8	NA	NA	5.0 U	0.010 U
MW-9	Apr/May 2010	MW-9	2.0 U	5.000 U	5.0 U	0.010 U
MW-9	Oct/Nov 2010	MW-9	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-10	Jul/Aug 2010	MW-10	NA	NA	<b>7.6</b>	<b>0.013</b>
MW-10	Oct/Nov 2010	MW-10	NA	NA	<b>5.7</b>	0.010 U
MW-10	Feb/Mar 2011	MW-10	NA	NA	5.0 U	0.010 U
MW-10	Feb/Mar 2011	DUPE-7-1Q11	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 1	Jul/Aug 2010	MW-11-1	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Oct/Nov 2010	MW-11-1	NA	NA	5.0 U	0.010 U
MW-11 Screen 1	Feb/Mar 2011	MW-11-1	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 2	Jul/Aug 2010	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 2	Oct/Nov 2010	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 2	Feb/Mar 2011	MW-11-2	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 3	Jul/Aug 2010	MW-11-3	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Jul/Aug 2010	DUPE-5-3Q10	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	Oct/Nov 2010	MW-11-3	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Feb/Mar 2011	MW-11-3	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 4	Oct/Nov 2010	MW-11-4	NA	NA	5.0 U	0.010 U
MW-11 Screen 5	Apr/May 2010	MW-11-5	5.0	5.000 U	5.0 U	0.010 U
MW-11 Screen 5	Oct/Nov 2010	MW-11-5	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 1	Jul/Aug 2010	MW-12-1	NA	NA	6.5	0.010 U
MW-12 Screen 1	Oct/Nov 2010	MW-12-1	NA	NA	5.0 U	0.010 U
MW-12 Screen 1	Feb/Mar 2011	MW-12-1	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 2	Jul/Aug 2010	MW-12-2	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Oct/Nov 2010	MW-12-2	NA	NA	5.0 U	0.010 U
MW-12 Screen 2	Feb/Mar 2011	MW-12-2	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 3	Jul/Aug 2010	MW-12-3	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Oct/Nov 2010	MW-12-3	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Oct/Nov 2010	DUPE-05-4Q10	NA	NA	5.0 U	0.010 U
MW-12 Screen 3	Feb/Mar 2011	MW-12-3	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 4	Oct/Nov 2010	MW-12-4	NA	NA	5.0 U	0.010 U
MW-12 Screen 5	Apr/May 2010	MW-12-5	2.1	5.000 U	5.0 U	0.010 U
MW-12 Screen 5	Oct/Nov 2010	MW-12-5	NA	NA	5.0 U	0.010 U
MW-13	Apr/May 2010	MW-13	2.0 U	5.000 U	22.0	0.022
MW-13	Jul/Aug 2010	MW-13	NA	NA	12.0	0.015
MW-13	Oct/Nov 2010	MW-13	NA	NA	8.1	0.009 J
MW-13	Feb/Mar 2011	MW-13	NA	NA	15.0	0.008 J
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 1	Jul/Aug 2010	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Oct/Nov 2010	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Feb/Mar 2011	MW-14-1	NA	NA	5.0 U	0.010 U
MW-14 Screen 1	Feb/Mar 2011	DUPE-02-1Q11	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 2	Jul/Aug 2010	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Oct/Nov 2010	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Oct/Nov 2010	DUPE-02-4Q10	NA	NA	5.0 U	0.010 U
MW-14 Screen 2	Feb/Mar 2011	MW-14-2	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 3	Jul/Aug 2010	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	Oct/Nov 2010	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Feb/Mar 2011	MW-14-3	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 4	Oct/Nov 2010	MW-14-4	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-14 Screen 5	Oct/Nov 2010	MW-14-5	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-15	Jul/Aug 2010	MW-15	NA	NA	5.0 U	0.010 U
MW-15	Oct/Nov 2010	MW-15	NA	NA	5.0 U	0.010 U
MW-15	Feb/Mar 2011	MW-15	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-16	Jul/Aug 2010	MW-16	NA	NA	5.0 U	0.010 U
MW-16	Oct/Nov 2010	MW-16	NA	NA	<b>32.0</b>	NA
MW-16	Feb/Mar 2011	MW-16	NA	NA	<b>29.0</b>	<b>0.027</b>
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 1	Oct/Nov 2010	MW-17-1	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 2	Jul/Aug 2010	MW-17-2	NA	NA	5.0 U	0.010 U
MW-17 Screen 2	Oct/Nov 2010	MW-17-2	NA	NA	5.0 U	0.010 U
MW-17 Screen 2	Feb/Mar 2011	MW-17-2	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 3	Jul/Aug 2010	MW-17-3	NA	NA	5.0 U	0.010 U
MW-17 Screen 3	Oct/Nov 2010	MW-17-3	NA	NA	5.0 U	0.010 U
MW-17 Screen 3	Feb/Mar 2011	MW-17-3	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 4	Jul/Aug 2010	MW-17-4	NA	NA	5.0 U	0.010 U
MW-17 Screen 4	Oct/Nov 2010	MW-17-4	NA	NA	5.0 U	0.010 U
MW-17 Screen 4	Feb/Mar 2011	MW-17-4	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-17 Screen 5	Oct/Nov 2010	MW-17-5	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 1	Oct/Nov 2010	MW-18-1	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 2	Jul/Aug 2010	MW-18-2	NA	NA	5.0 U	0.010 U
MW-18 Screen 2	Oct/Nov 2010	MW-18-2	NA	NA	5.0 U	0.010 U
MW-18 Screen 2	Feb/Mar 2011	MW-18-2	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 3	Jul/Aug 2010	MW-18-3	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Oct/Nov 2010	MW-18-3	NA	NA	5.0 U	0.010 U
MW-18 Screen 3	Feb/Mar 2011	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	Feb/Mar 2011	DUPE-03-1Q11	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 4	Jul/Aug 2010	MW-18-4	NA	NA	5.0 U	0.010 U
MW-18 Screen 4	Oct/Nov 2010	MW-18-4	NA	NA	7.1	0.010 U
MW-18 Screen 4	Feb/Mar 2011	MW-18-4	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-18 Screen 5	Oct/Nov 2010	MW-18-5	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 1	Oct/Nov 2010	MW-19-1	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 2	Oct/Nov 2010	MW-19-2	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 3	Oct/Nov 2010	MW-19-3	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 4	Oct/Nov 2010	MW-19-4	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-19 Screen 5	Oct/Nov 2010	MW-19-5	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 1	Jul/Aug 2010	MW-20-1	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Oct/Nov 2010	MW-20-1	NA	NA	5.0 U	0.010 U
MW-20 Screen 1	Feb/Mar 2011	MW-20-1	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 2	Jul/Aug 2010	MW-20-2	NA	NA	5.0 U	0.010 U
MW-20 Screen 2	Oct/Nov 2010	MW-20-2	NA	NA	5.0 U	0.010 U
MW-20 Screen 2	Feb/Mar 2011	MW-20-2	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 3	Jul/Aug 2010	MW-20-3	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Jul/Aug 2010	DUPE-2-3Q10	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Oct/Nov 2010	MW-20-3	NA	NA	5.0 U	0.010 U
MW-20 Screen 3	Feb/Mar 2011	MW-20-3	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 4	Jul/Aug 2010	MW-20-4	NA	NA	5.0 U	0.010 U
MW-20 Screen 4	Oct/Nov 2010	MW-20-4	NA	NA	5.0 U	0.010 U
MW-20 Screen 4	Feb/Mar 2011	MW-20-4	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-20 Screen 5	Jul/Aug 2010	MW-20-5	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Oct/Nov 2010	MW-20-5	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Feb/Mar 2011	MW-20-5	NA	NA	28.0	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 1	Jul/Aug 2010	MW-21-1	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-21 Screen 1	Oct/Nov 2010	MW-21-1	NA	NA	5.0 U	0.010 U
MW-21 Screen 1	Feb/Mar 2011	MW-21-1	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 2	Jul/Aug 2010	MW-21-2	NA	NA	5.0 U	0.010 U
MW-21 Screen 2	Oct/Nov 2010	MW-21-2	NA	NA	5.0 U	0.010 U
MW-21 Screen 2	Oct/Nov 2010	DUPE-01-4Q10	NA	NA	5.0 U	0.010 U
MW-21 Screen 2	Feb/Mar 2011	MW-21-2	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 3	Jul/Aug 2010	MW-21-3	NA	NA	5.0 U	0.010 U
MW-21 Screen 3	Oct/Nov 2010	MW-21-3	NA	NA	5.0 U	0.010 U
MW-21 Screen 3	Feb/Mar 2011	MW-21-3	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 4	Jul/Aug 2010	MW-21-4	NA	NA	5.0 U	0.010 U
MW-21 Screen 4	Oct/Nov 2010	MW-21-4	NA	NA	5.0 U	0.010 U
MW-21 Screen 4	Feb/Mar 2011	MW-21-4	NA	NA	5.0 U	0.010 U
MW-21 Screen 4	Feb/Mar 2011	DUPE-01-1Q11	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-21 Screen 5	Jul/Aug 2010	MW-21-5	NA	NA	5.0 U	0.010 U
MW-21 Screen 5	Oct/Nov 2010	MW-21-5	NA	NA	5.0 U	0.010 U
MW-21 Screen 5	Feb/Mar 2011	MW-21-5	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 1	Jul/Aug 2010	MW-22-1	NA	NA	5.0 U	0.010 U
MW-22 Screen 1	Oct/Nov 2010	MW-22-1	NA	NA	5.0 U	0.010 U
MW-22 Screen 1	Feb/Mar 2011	MW-22-1	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 2	Jul/Aug 2010	MW-22-2	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Jul/Aug 2010	DUPE-4-3Q10	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Oct/Nov 2010	MW-22-2	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Oct/Nov 2010	DUPE-03-4Q10	NA	NA	5.0 U	0.010 U
MW-22 Screen 2	Feb/Mar 2011	MW-22-2	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 3	Jul/Aug 2010	MW-22-3	NA	NA	5.0 U	0.010 U
MW-22 Screen 3	Oct/Nov 2010	MW-22-3	NA	NA	5.0 U	0.010 U
MW-22 Screen 3	Feb/Mar 2011	MW-22-3	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 4	Oct/Nov 2010	MW-22-4	NA	NA	5.0 U	0.010 U
MW-22 Screen 5	Apr/May 2010	MW-22-5	2.0 U	5.000 U	5.0 U	0.010 U
MW-22 Screen 5	Oct/Nov 2010	MW-22-5	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 1	Jul/Aug 2010	MW-23-1	NA	NA	5.0 U	0.010 U
MW-23 Screen 1	Oct/Nov 2010	MW-23-1	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-23 Screen 1	Oct/Nov 2010	DUPE-07-4Q10	NA	NA	5.0 U	0.010 U
MW-23 Screen 1	Feb/Mar 2011	MW-23-1	NA	NA	7.2	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 2	Jul/Aug 2010	MW-23-2	NA	NA	5.4 J	0.010 U
MW-23 Screen 2	Oct/Nov 2010	MW-23-2	NA	NA	5.0 U	0.010 U
MW-23 Screen 2	Feb/Mar 2011	MW-23-2	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 3	Jul/Aug 2010	MW-23-3	NA	NA	6.0 J	0.010 U
MW-23 Screen 3	Oct/Nov 2010	MW-23-3	NA	NA	5.0 U	0.010 U
MW-23 Screen 3	Feb/Mar 2011	MW-23-3	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 4	Jul/Aug 2010	MW-23-4	NA	NA	5.0 U	0.010 U
MW-23 Screen 4	Oct/Nov 2010	MW-23-4	NA	NA	5.0 U	0.010 U
MW-23 Screen 4	Feb/Mar 2011	MW-23-4	NA	NA	5.0 U	0.010 U
MW-23 Screen 4	Feb/Mar 2011	DUPE-05-1Q11	NA	NA	5.0 U	0.010 U
MW-23 Screen 5	Apr/May 2010	MW-23-5	4.4	5.000 U	5.0 U	0.010 U
MW-23 Screen 5	Oct/Nov 2010	MW-23-5	NA	NA	5.0 U	0.010 U
MW-24 Screen 1	Apr/May 2010	MW-24-1	2.0 U	5.000 U	12.0	0.010 U
MW-24 Screen 1	Jul/Aug 2010	MW-24-1	NA	NA	6.4 J	0.010 U
MW-24 Screen 1	Oct/Nov 2010	MW-24-1	NA	NA	6.0	0.010 U
MW-24 Screen 1	Feb/Mar 2011	MW-24-1	NA	NA	5.0 U	0.010 U
MW-24 Screen 2	Apr/May 2010	MW-24-2	2.3	5.000 U	5.0 U	0.010 U
MW-24 Screen 2	Jul/Aug 2010	MW-24-2	NA	NA	5.0 U	0.010 U
MW-24 Screen 2	Jul/Aug 2010	DUPE-7-3Q10	NA	NA	5.0 U	0.010 U
MW-24 Screen 2	Oct/Nov 2010	MW-24-2	NA	NA	5.0 U	0.010 U
MW-24 Screen 2	Feb/Mar 2011	MW-24-2	NA	NA	5.0 U	0.010 U
MW-24 Screen 3	Apr/May 2010	MW-24-3	2.5	5.000 U	5.0 U	0.010 U
MW-24 Screen 3	Jul/Aug 2010	MW-24-3	NA	NA	5.0 U	0.010 U
MW-24 Screen 3	Oct/Nov 2010	MW-24-3	NA	NA	5.0 U	0.010 U
MW-24 Screen 3	Feb/Mar 2011	MW-24-3	NA	NA	5.0 U	0.010 U
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 4	Jul/Aug 2010	MW-24-4	NA	NA	5.0 U	0.010 U
MW-24 Screen 4	Oct/Nov 2010	MW-24-4	NA	NA	5.0 U	0.010 U
MW-24 Screen 4	Oct/Nov 2010	DUPE-06-4Q10	NA	NA	5.0 U	0.010 U
MW-24 Screen 4	Feb/Mar 2011	MW-24-4	NA	NA	5.0 U	0.010 U
MW-24 Screen 5	Apr/May 2010	MW-24-5	3.0	5.000 U	5.0 U	0.010 U
MW-24 Screen 5	Oct/Nov 2010	MW-24-5	NA	NA	5.0 U	0.010 U
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 1	Jul/Aug 2010	MW-25-1	NA	NA	7.1	0.010 U
MW-25 Screen 1	Oct/Nov 2010	MW-25-1	NA	NA	5.0 U	0.010 U
MW-25 Screen 1	Feb/Mar 2011	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 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 2	Jul/Aug 2010	MW-25-2	NA	NA	<b>6.5 J</b>	0.010 U
MW-25 Screen 2	Oct/Nov 2010	MW-25-2	NA	NA	5.0 U	0.010 U
MW-25 Screen 2	Feb/Mar 2011	MW-25-2	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 3	Jul/Aug 2010	MW-25-3	NA	NA	<b>5.9</b>	0.010 U
MW-25 Screen 3	Oct/Nov 2010	MW-25-3	NA	NA	5.0 U	0.010 U
MW-25 Screen 3	Feb/Mar 2011	MW-25-3	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 4	Jul/Aug 2010	MW-25-4	NA	NA	5.0 U	0.010 U
MW-25 Screen 4	Oct/Nov 2010	MW-25-4	NA	NA	5.0 U	0.010 U
MW-25 Screen 4	Feb/Mar 2011	MW-25-4	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-25 Screen 5	Jul/Aug 2010	MW-25-5	NA	NA	5.0 U	0.010 U
MW-25 Screen 5	Oct/Nov 2010	MW-25-5	NA	NA	5.0 U	0.010 U
MW-25 Screen 5	Feb/Mar 2011	MW-25-5	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 1	Jul/Aug 2010	MW-26-1	NA	NA	5.0 U	0.010 U
MW-26 Screen 1	Oct/Nov 2010	MW-26-1	NA	NA	5.0 U	0.010 U
MW-26 Screen 1	Oct/Nov 2010	DUPE-08-4Q10	NA	NA	5.0 U	0.010 U
MW-26 Screen 1	Feb/Mar 2011	MW-26-1	NA	NA	5.0 U	0.010 U
MW-26 Screen 2	Apr/May 2010	MW-26-2	<b>2.2</b>	5.000 U	5.0 U	0.010 U
MW-26 Screen 2	Jul/Aug 2010	MW-26-2	NA	NA	<b>6.8</b>	0.010 U
MW-26 Screen 2	Oct/Nov 2010	MW-26-2	NA	NA	5.0 U	0.010 U
MW-26 Screen 2	Feb/Mar 2011	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

UNK PQL value unknown

\* 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 December 31, 2010, a draft PHG of 0.02 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	3/02/10	35.0	1.4	0.6	1.9	
		3/09/10	39.0	NA	NA	NA	
		5/24/10	4.0 U	NA	NA	NA	NA
		7/08/10	36.0	0.5 U	0.5	0.7	
		7/13/10	36.0	NA	NA	NA	NA
		7/27/10	31.0	NA	NA	NA	NA
		8/03/10	30.0	0.6	0.5 U	NA	
		8/10/10	30.0	NA	NA	NA	NA
		8/17/10	32.0	NA	NA	NA	NA
		8/24/10	35.0	NA	NA	NA	NA
		8/26/10	NA	0.9	0.5 U	1.6	
		8/31/10	34.0	NA	NA	NA	NA
		9/07/10	34.0	1.0	0.5	1.4	
		9/14/10	35.0	NA	NA	NA	NA
		9/21/10	37.0	NA	NA	NA	NA
		9/28/10	38.0	NA	NA	NA	NA
		10/05/10	34.0	1.0	0.5	1.4	
		10/12/10	38.0	NA	NA	NA	NA
		10/19/10	38.0	NA	NA	NA	NA
		11/09/10	39.0	NA	NA	NA	NA
		11/16/10	38.0	NA	NA	NA	NA
		11/23/10	41.0	NA	NA	NA	NA
11/30/10	40.0	NA	NA	NA	NA		
2/10/11	34.0	0.5 U	0.5 U	0.5 U			
2/15/11	36.0	NA	NA	NA	NA		
2/22/11	39.0	NA	NA	NA	NA		
RUBIO CANON LAND & WATER ASSOCIATION	WELL 04	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	
		6/01/10	4.0 U	NA	NA	NA	
		6/07/10	4.0 U	NA	NA	NA	
		6/14/10	4.0 U	NA	NA	NA	
		6/21/10	4.0 U	NA	NA	NA	
		6/28/10	4.0 U	NA	NA	NA	
		7/06/10	4.0 U	NA	NA	NA	
7/12/10	4.0 U	NA	NA	NA			

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 04 (con't)	7/19/10	4.0 U	NA	NA	NA
		7/26/10	4.0 U	NA	NA	NA
		8/02/10	4.0 U	NA	NA	NA
		8/09/10	4.0 U	NA	NA	NA
		8/16/10	4.0 U	NA	NA	NA
		8/23/10	4.0 U	NA	NA	NA
		8/30/10	4.0 U	NA	NA	NA
		9/07/10	4.0 U	NA	NA	NA
		9/13/10	4.0 U	NA	NA	NA
		9/20/10	4.0 U	NA	NA	NA
		9/27/10	4.0 U	NA	NA	NA
		10/04/10	4.0 U	NA	NA	NA
		10/11/10	4.0 U	NA	NA	NA
		10/18/10	4.0 U	NA	NA	NA
		10/25/10	4.0 U	NA	NA	NA
		11/15/10	4.0 U	NA	NA	NA
		11/22/10	4.0 U	NA	NA	NA
		11/29/10	4.0 U	NA	NA	NA
		12/06/10	4.0 U	NA	NA	NA
		12/13/10	4.0 U	NA	NA	NA
		12/20/10	4.0 U	NA	NA	NA
		12/27/10	4.0 U	NA	NA	NA
	1/03/11	4.0 U	NA	NA	NA	
	2/07/11	4.0 U	0.5 U	0.5 U	0.5 U	
	2/14/11	4.0 U	NA	NA	NA	
	2/22/11	4.0 U	NA	NA	NA	
	WELL 07	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	
5/24/10		4.0 U	NA	NA	NA	
6/01/10		4.0 U	NA	0.5 U	NA	
6/07/10		4.0 U	NA	NA	NA	
6/14/10		4.0 U	NA	NA	NA	
6/21/10		4.0 U	NA	NA	NA	
6/28/10		4.0 U	NA	NA	NA	
7/06/10		4.0 U	NA	0.5 U	NA	
7/12/10		4.0 U	NA	NA	NA	
7/19/10		4.0 U	NA	NA	NA	
7/26/10		4.0 U	NA	NA	NA	
8/02/10		4.0 U	NA	0.5 U	NA	
8/09/10		4.0 U	NA	NA	NA	
8/16/10		4.0 U	NA	NA	NA	
8/23/10	4.0 U	NA	NA	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	8/30/10	4.0 U	NA	NA	NA
		9/07/10	4.0 U	NA	0.5 U	NA
		9/13/10	4.0 U	NA	NA	NA
		9/20/10	4.0 U	NA	NA	NA
		9/27/10	4.0 U	NA	NA	NA
		10/04/10	4.0 U	NA	0.5 U	NA
		10/11/10	4.0 U	NA	NA	NA
		10/18/10	4.0 U	NA	NA	NA
		10/25/10	4.0 U	NA	NA	NA
		11/15/10	4.0 U	NA	NA	NA
		11/22/10	4.0 U	NA	NA	NA
		11/29/10	4.0 U	NA	NA	NA
		12/06/10	4.0 U	NA	0.5 U	NA
		12/13/10	4.0 U	NA	NA	NA
		12/20/10	4.0 U	NA	NA	NA
		12/27/10	4.0 U	NA	NA	NA
		1/03/11	4.0 U	NA	<b>0.8</b>	NA
		2/07/11	4.0 U	0.5 U	<b>0.8</b>	<b>0.5</b>
2/14/11	4.0 U	NA	NA	NA		
2/22/11	4.0 U	NA	NA	NA		
LAS FLORES WATER CO.	WELL 02	2/22/10	<b>6.4</b>	NA	<b>0.8</b>	NA
		3/01/10	<b>7.1</b>	NA	0.5 U	NA
		3/15/10	<b>6.6</b>	NA	0.5 U	NA
		3/22/10	<b>5.6</b>	NA	<b>0.5</b>	NA
		3/29/10	<b>4.0</b>	NA	0.5 U	NA
		4/05/10	<b>5.4</b>	NA	0.5 U	NA
		4/12/10	<b>6.4</b>	NA	<b>0.5</b>	NA
		4/19/10	<b>6.3</b>	NA	0.5 U	NA
		4/26/10	<b>6.8</b>	NA	0.5 U	NA
		5/24/10	<b>6.0</b>	NA	0.5 U	NA
		6/01/10	<b>5.9</b>	NA	0.5 U	NA
		6/07/10	<b>5.1</b>	NA	0.5 U	NA
		6/14/10	<b>5.5</b>	NA	0.5 U	NA
		6/21/10	<b>5.6</b>	NA	0.5 U	NA
		6/28/10	<b>6.7</b>	NA	0.5 U	NA
		7/06/10	<b>6.1</b>	NA	0.5 U	NA
		7/12/10	<b>4.1</b>	NA	0.5 U	NA
		7/19/10	<b>6.0</b>	NA	0.5 U	NA
		7/26/10	<b>6.9</b>	NA	0.5 U	NA
		8/09/10	<b>6.7</b>	NA	0.5 U	NA
		8/16/10	<b>5.4</b>	NA	0.5 U	NA
		8/23/10	<b>5.2</b>	NA	0.5 U	NA
		8/30/10	<b>5.1</b>	NA	0.5 U	NA
		9/07/10	<b>5.1</b>	NA	0.5 U	NA
		9/13/10	<b>4.9</b>	NA	0.5 U	NA
		9/20/10	<b>6.0</b>	NA	0.5 U	NA
		9/27/10	<b>6.1</b>	NA	0.5 U	NA
		10/04/10	<b>5.6</b>	NA	0.5 U	NA
10/11/10	<b>5.1</b>	NA	0.5 U	NA		
10/18/10	<b>6.1</b>	NA	0.5 U	NA		

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LAS FLORES WATER CO. (con't)	WELL 02 (con't)	10/25/10	5.8	NA	0.5 U	NA
		11/15/10	5.9	NA	0.5 U	NA
		11/23/10	6.2	NA	0.5 U	NA
		11/29/10	5.3	NA	0.5 U	NA
		12/06/10	6.3	NA	0.5 U	NA
		12/13/10	6.1	NA	0.5 U	NA
		12/20/10	5.9	NA	0.5 U	NA
		12/27/10	8.4	NA	0.5 U	NA
		1/04/11	5.5	NA	0.5 U	NA
		1/10/11	6.8	NA	0.5 U	NA
		1/17/11	6.4	NA	0.5 U	NA
		1/24/11	6.2	NA	0.5 U	NA
		1/31/11	6.2	NA	0.5 U	NA
		2/07/11	6.7	NA	0.5 U	NA
		2/14/11	6.9	NA	0.5 U	NA
2/22/11	7.3	NA	0.5 U	NA		
LA CANADA IRRIGATION DIST.	WELL 01	2/28/10	4.5	NA	NA	NA
		3/22/10	4.0	0.5 U	0.5 U	0.9
		5/24/10	4.0 U	NA	NA	NA
		6/28/10	NA	NA	0.8	1.5
		8/30/10	4.0 U	NA	NA	NA
		9/27/10	NA	NA	0.8	1.7
		11/29/10	4.0	NA	NA	NA
		12/27/10	NA	NA	0.7	1.9
	2/22/11	5.0	NA	NA	NA	
	WELL 06	3/22/10	NA	NA	0.6	1.2
		6/01/10	NA	NA	0.5 U	0.5 U
		9/27/10	4.0 U	NA	0.5 U	0.5 U
		12/27/10	NA	0.5 U	0.5 U	0.8
	VALLEY WATER CO.	WELL 01	6/02/10	4.9	0.5 U	2.4
7/06/10			4.0 U	NA	NA	NA
7/07/10			NA	0.5 U	2.2	1.2
8/03/10			5.3	0.5 U	2.0	1.2
9/07/10			4.1	NA	NA	NA
9/09/10			NA	0.5 U	2.1	1.5
10/07/10			4.0 U	0.5 U	2.0	1.6
WELL 02		6/02/10	4.5	0.5 U	5.3	0.8
		7/07/10	4.4	0.5 U	5.5	0.7
		7/15/10	4.7	NA	NA	NA
		8/03/10	5.4	0.5 U	3.6	0.7
		9/07/10	4.4	NA	NA	NA
		9/09/10	NA	0.5 U	2.8	0.7
		10/07/10	4.4	0.5 U	4.3	0.6
WELL 03		6/02/10	5.6	0.5 U	2.1	0.9
		7/07/10	4.8	0.5 U	2.2	0.8
		8/03/10	5.6	0.5 U	1.7	0.6
		9/07/10	4.0 U	NA	NA	NA
WELL 04		6/02/10	5.3	0.5 U	2.1	1.2
		7/06/10	4.0	NA	NA	NA
		7/07/10	NA	0.5 U	2.4	1.1

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
VALLEY WATER CO. (con't)	WELL 04 (con't)	12/06/10	NA	0.5 U	2.2	2.6
California Maximum Contaminant Level (MCL)			6.0 *	0.5	5.0	5.0
EPA Region IX Maximum Contaminant Level			NE	5.0	5.0	5.0
<p><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 FEB/MAR 2011 SAMPLING EVENT**

(All concentrations reported in µg/L.)

Sampling Location	Sample Type	Tentatively Identified Compound	Concentration
MW-11-1	NORMAL	Sulfur dioxide	0.0034
MW-11-2	NORMAL	Sulfur dioxide	0.003
MW-11-3	NORMAL	Sulfur dioxide	0.01
MW-11-4	NORMAL	Sulfur dioxide	0.0057
MW-12-3	NORMAL	Sulfur dioxide	0.0054
MW-12-4	NORMAL	Sulfur dioxide	0.0045
MW-12-4	DUP	Sulfur dioxide	0.0043
MW-14-5	NORMAL	Sulfur dioxide	0.0028
MW-18-3	NORMAL	Sulfur dioxide	0.0038
MW-18-3	DUP	Sulfur dioxide	0.0026
MW-18-4	NORMAL	Sulfur dioxide	0.0045
MW-18-5	NORMAL	Sulfur dioxide	0.005
MW-20-1	NORMAL	Sulfur dioxide	0.0035
MW-20-2	NORMAL	Sulfur dioxide	0.0038
MW-20-3	NORMAL	Sulfur dioxide	0.0091
MW-20-4	NORMAL	Sulfur dioxide	0.014
MW-20-5	NORMAL	Sulfur dioxide	0.01
MW-24-1	NORMAL	Sulfur dioxide	0.0057
MW-24-2	NORMAL	Sulfur dioxide	0.0042
MW-24-3	NORMAL	Sulfur dioxide	0.0037
MW-25-5	NORMAL	Sulfur dioxide	0.018