Technical Memorandum

Third Quarter 2010 Monitoring Summary
National Aeronautics and Space Administration
Jet Propulsion Laboratory, Pasadena, California

Final October 2010

This technical memorandum summarizes the results for the third 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 third quarter 2010 sampling event, groundwater samples were collected from 23 JPL monitoring wells (MWs), both on- and off-facility, and analyzed for volatile organic compounds (VOCs), total chromium, hexavalent chromium [Cr(VI)], and perchlorate. 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*.[1] No reported data were rejected for non-compliance with method requirements during the course of validation and no reported data were deemed unusable.

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

Several figures are included in this technical memorandum summarizing the results from the third quarter 2010 sampling event. Figure 2 shows the lateral extent of carbon tetrachloride concentrations in groundwater, and Figure 3 includes a cross-section detailing the horizontal and vertical extent of carbon tetrachloride. Figure 4 shows the lateral extent of perchlorate concentrations in groundwater, and Figure 5 includes a cross-section detailing the horizontal and vertical extent of perchlorate in groundwater. Figure 6 shows the lateral extent of tetrachloroethene (PCE) concentrations in groundwater. Figure 7 shows the lateral extent of trichloroethene (TCE) concentrations in groundwater and Figure 8 shows groundwater elevation contours and groundwater flow directions.

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

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

[1] 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.

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 third quarter 2010 sampling event, concentrations of perchlorate in excess of the state maximum contaminant level (MCL) (6.0 micrograms per liter [µg/L]) were reported in samples collected from wells MW-7 (10.0 µg/L), MW-13 (1,040 J [estimated] µg/L) and MW-24 (Screen 2 [11.1 µg/L]).
- Perchlorate was detected in MW-24 (Screen 1 [5.8 µg/L]) below the state MCL of 6.0 µg/L.
- Perchlorate concentrations increased slightly from their respective last sampling date to the third quarter 2010 in MW-7 (3.6 µg/L to 10.0 µg/L) and MW-24 (Screens 1 [1.6 µg/L to 5.8 µg/L] and 2 [8.6 µg/L to 11.1 µg/L]).
- Perchlorate concentrations decreased from their respective last sampling date to the third quarter 2010 in MW-13 (1,200 µg/L to 1,040 J µg/L) and MW-16 (7.3 µg/L to non-detect).
- Perchlorate concentrations in MW-16 and MW-24 (Screen 3) were non-detect during the third quarter 2010, with a reporting limit of 1.0 µg/L.

VOC ANALYTICAL RESULTS

- During the third quarter 2010, carbon tetrachloride was detected at a concentration in excess of the state MCL (0.5 µg/L) in MW-13 (1.0 µg/L). This was the only carbon tetrachloride detection in the on-facility source area wells.
- TCE was detected in MW-13 at 1.3 µg/L, which is below the state and federal MCL of 5.0 µg/L.
- PCE was not detected in any of the on-facility source area wells during the third quarter 2010 with a reporting limit of 0.5 µg/L.

OTHER NOTABLE DETECTIONS

- During the third quarter 2010, Cr(VI)[2] was detected below the state MCL of 50.0 µg/L in MW-7 (7.0 µg/L) and MW-13 (15.0 µg/L).
- Total chromium was detected at MW-7 (6.0 µg/L), MW-13 (12.0 µg/L) and MW-24 (Screen 1 [6.4 J 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 third quarter 2010 sampling event, perchlorate in excess of the state MCL (6.0 µg/L) was detected in MW-23 (Screen 1 [28.3 µg/L]).
- Perchlorate was detected in MW-6 (3.0 µg/L), MW-22 (Screens 1 [2.7 µg/L], 2 [2.4 µg/L] and 3 [2.6 µg/L]) and MW-23 (Screens 2 [4.9 µg/L] and 3 [1.7 µg/L]) below the state MCL of 6.0 µg/L.
- Perchlorate concentrations increased from their respective last sampling date to the third quarter 2010 in MW-23 (Screens 1 and 3 [3.3 µg/L to 28.3 µg/L and 1.2 µg/L to 1.7 µg/L, respectively]).
- Perchlorate concentrations decreased slightly from their respective last sampling event to the third quarter 2010 in MW-8 (5.5 µg/L to non-detect), MW-11 (Screens 1 [1.0 µg/L to non-detect] and 4 [1.3 µg/L to non-detect]), and MW-22 (Screens 2 [2.7 µg/L to 2.4 µg/L] and 3 [3.2 µg/L to 2.6 µg/L]).
- From the second quarter 2009 to the third quarter 2010, perchlorate concentrations in MW-8 have fluctuated from a low of non-detect (third quarter 2010) to a high of 203 µg/L (fourth quarter 2009).
- 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 1998 and 2008. The detection of 28.3 µg/L in Screen 1 is the first detection in MW-23 above the state MCL (6.0 µg/L) since the first quarter 2008. Perchlorate results in MW-23 will continue to be evaluated during subsequent sampling events.
- 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 other on-facility wells during the third quarter 2010.
- TCE was detected below the state and federal MCL of 5.0 µg/L in MW-6 (3.7 µg/L) and MW-23 (Screen 2 [1.4 µg/L]).
- PCE was detected in wells MW-6 (1.0 µg/L), MW-22 (Screen 1 [2.2 µg/L]) and MW-23 (Screens 1 [0.5 µg/L] and 2 [0.5 µg/L]); however, the state and federal MCL for PCE (5.0 µg/L) was not exceeded in any of these wells.

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

OTHER NOTABLE DETECTIONS

- During the third quarter of 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 detected at estimated levels in MW-23 (Screens 2 [5.4 J µg/L] and 3 [6.0 J 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 third 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-3 (Screen 2 [164 µg/L]) and MW-10 (52.8 J µg/L).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-4 (Screen 2 [3.8 µg/L]), MW-12 (Screens 2 through 5 [5.5 µg/L, 3.4 µg/L, 3.6 µg/L and 3.2 µg/L, respectively]) and MW-14 (Screens 1 through 4 [3.1 µg/L, 3.8 µg/L, 5.6 µg/L, and 4.2 µg/L, respectively]).
- Perchlorate concentrations increased slightly from their respected last sampling date to the third quarter 2010 in MW-4 (Screen 2 [2.9 µg/L to 3.8 µg/L]), MW-10 (43.9 J µg/L to 52.8 J µg/L), MW-12 (Screens 2 and 5 [4.9 µg/L to 5.5 µg/L and 2.7 µg/L to 3.2 µg/L, respectively]) and MW-14 (Screen 2 [3.6 µg/L to 3.8 µg/L]).
- Perchlorate concentrations decreased slightly from their respected last sampling event to the third quarter 2010 in MW-3 (Screens 2 [175 µg/L to 164 µg/L], 3 [3.1 µg/L to non-detect], and 4 [5.1 µg/L to non-detect]), MW-12 (Screens 1 [2.9 µg/L to non-detect], 3 [4.3 µg/L to 3.4 µg/L], and 4 [3.7 µg/L to 3.6 µg/L]), MW-14 (Screens 1 [4.9 µg/L to 3.1 µg/L] and 3 [6.0 µg/L to 5.6 µg/L]).
- Perchlorate concentrations in MW-10 have generally demonstrated a decreasing trend since June/July 2005; however, the last two quarters have shown increases at estimated values. Perchlorate results in MW-10 will continue to be closely evaluated during subsequent sampling events.
- Perchlorate was not detected in MW-3 (Screens 1, 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 third quarter 2010, carbon tetrachloride was detected at a concentration in excess of the state MCL (0.5 µg/L) in MW-12 (Screens 3 [2.0 µg/L], 4 [0.8 µg/L] and 5 [1.1 µg/L]).
- During the third quarter 2010, TCE was detected in wells MW-4 (Screen 2 [0.7 µg/L]), MW-10 (2.4 µg/L) and MW-14 (Screens 1 [3.7 µg/L], 2 [9.7 µg/L] and 3 [2.1 µg/L]). Only concentrations in MW-14 (Screen 2 [9.7 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 third quarter 2010, PCE was detected below the state and federal MCL of 5.0 µg/L in MW-4 (Screen 2 [0.8 µg/L]) and MW-14 (Screens 2 [0.6 µg/L] and 3 [0.7 µg/L]).

OTHER NOTABLE RESULTS

- During the third quarter 2010, Cr(VI)[2] was detected below the state MCL of 50.0 µg/L in MW-10 (13.0 µg/L).
- Total chromium was detected below the state MCL of 50.0 µg/L in MW-10 (7.6 µg/L) and MW-12 (Screen 1 [6.5 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 third 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-17 (Screen 3 [9.8 µg/L]), MW-18 (Screens 3 [65.1 µg/L] and 4 [54.5 µg/L]), MW-19 (Screens 1 [9.9 µg/L] and 2 [6.0 µg/L]) and MW-25 (Screens 1 through 4 [10.6 µg/L, 14.1 µg/L, 10.5 µg/L and 8.0 µg/L, respectively]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-17 (Screen 2 [4.4 µg/L]), MW-18 (Screen 2 [2.2 µg/L]), MW-19 (Screens 3, 4 and 5 [3.4 µg/L, 3.0 µg/L and 3.3 µg/L, respectively]), MW-20 (Screen 2 [2.5 µg/L]), MW-21 (Screens 1 through 5 [3.3 µg/L, 2.6 µg/L, 3.5 µg/L, 2.7 µg/L and 3.6 µg/L, respectively]) and MW-26 (Screen 1 [3.0 µg/L]).
- Perchlorate concentrations increased slightly from their respected last sampling date to the third quarter 2010 in MW-18 (Screen 3 [62.4 J µg/L to 65.1 µg/L]), MW-19 (Screens 1 [8.0 µg/L to 9.9 µg/L] and 4 [2.8 µg/L to 3.0 µg/L]), MW-21 (Screens 1 [2.8 µg/L to 3.3 µg/L, 3 [3.4 µg/L to 3.5 µg/L], 4 [2.5 µg/L to 2.7 µg/L] and 5 [3.5 µg/L to 3.6 µg/L]), MW-25 (Screen 3 [10.3 µg/L to 10.5 µg/L]) and MW-26 (Screen 1 [2.8 µg/L to 3.0 µg/L]).
- Perchlorate concentrations decreased from their respected last sampling event to the third quarter 2010 in MW-17 (Screens 2 [5.2 J µg/L to 4.4 µg/L] and 3 [9.9 J µg/L to 9.8 µg/L]), MW-18 (Screens 2 [85.9 J µg/L to 2.2 µg/L], 4 [67.2 J µg/L to 54.5 µg/L] and 5 [2.1 J µg/L to non-detect]), MW-19 (Screens 2 [6.8 µg/L to 6.0 µg/L] and 3 [3.8 µg/L to 3.4 µg/L]), MW-20 (Screens 2 [2.9 µg/L to 2.5 µg/L], 4 [37.3 µg/L to non-detect] and 5 [11.5 µg/L to non-detect]), MW-21 (Screen 2 [3.2 µg/L to 2.6 µg/L]) and MW-25 (Screens 1 [11.0 µg/L to 10.6 µg/L], 2 [14.4 µg/L to 14.1 µg/L], 4 [8.1 µg/L to 8.0 µg/L] and 5 [44.5 µg/L to non-detect]).
- 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.
- 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 10 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 (Screen 4), MW-18 (Screen 5), MW-20 (Screens 1, 3, 4 and 5), MW-25 (Screen 5) and MW-26 (Screen 2).

VOC ANALYTICAL RESULTS

- During the third quarter 2010, concentrations of carbon tetrachloride at or in excess of the state MCL (0.5 µg/L) were reported in samples collected from MW-17 (Screen 3) and MW-18 (Screens 3 and 4), with concentrations of 0.5 µg/L, 22.0 µg/L and 9.1 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 third quarter 2010.
- PCE was detected in five off-facility wells: MW-17 (Screen 2), MW-19 (Screens 2 and 5), MW-21 (Screens 2, 3, 4, and 5), MW-25 (Screen 3) and MW-26 (Screen 1); however, only MW-21 (Screen 2 [6.9 µg/L]) contained concentrations of PCE exceeding the state and federal MCL (5.0 µg/L) during the third 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 third 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 detected below the state MCL of 50.0 µg/L in MW-25 (Screens 1 [7.1 µg/L], 2 [6.5 J µg/L] and 3 [5.9 µg/L]) and MW-26 (Screen 2 [6.8 µg/L]).

ALL WELL CATEGORIES (OTHER RESULTS)

- The TIC acetone was detected in one well. The TIC results are presented in Table 4.
- Comparing the second quarter 2010 to the third quarter 2010, groundwater levels decreased an average of approximately 3.5 ft. Groundwater levels in the third quarter 2010 sampling event continue to be higher than historical values, but are lower by an average of 9.0 ft from the April 2005 highs.
- Groundwater level measurements collected during the third 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)

FIGURES

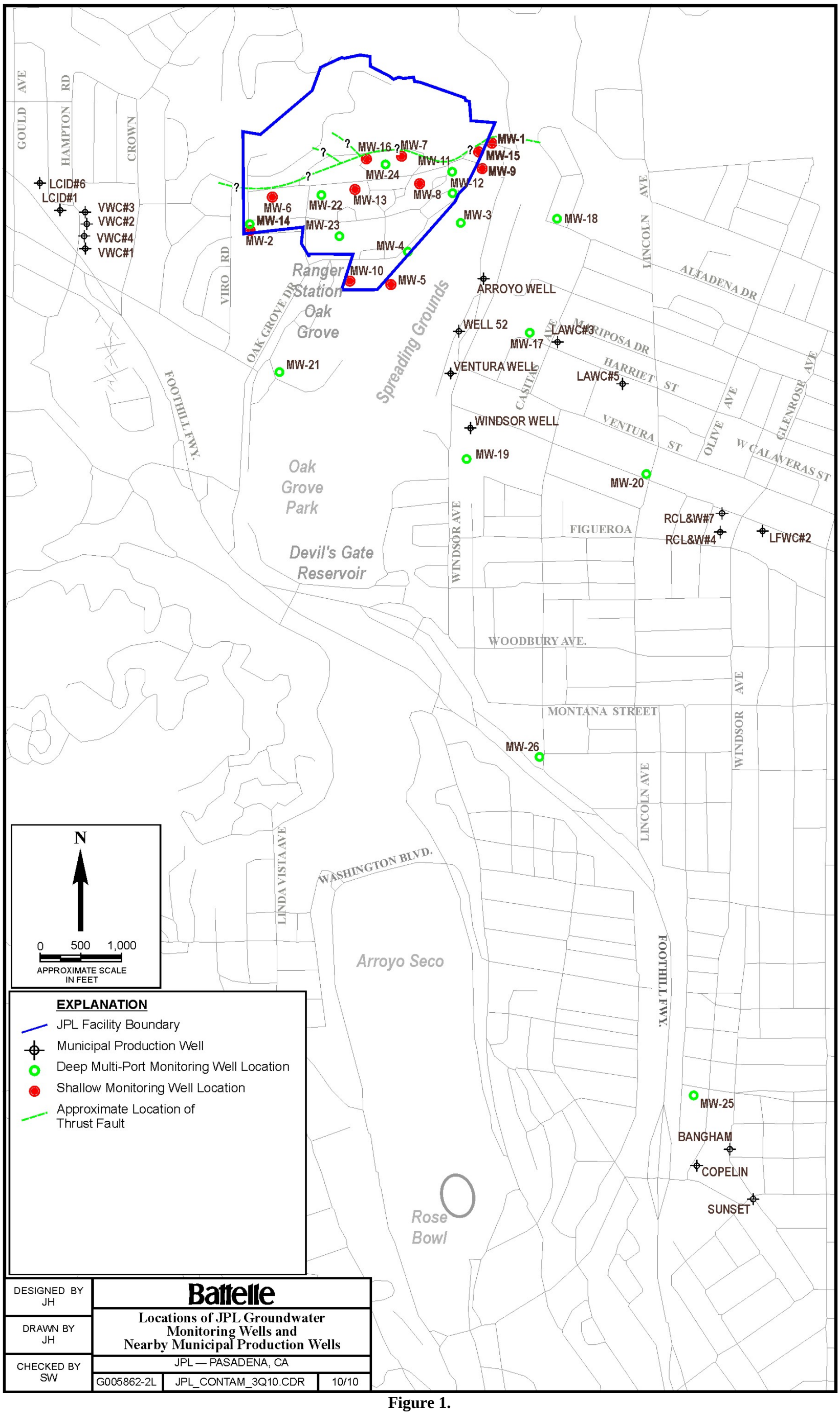
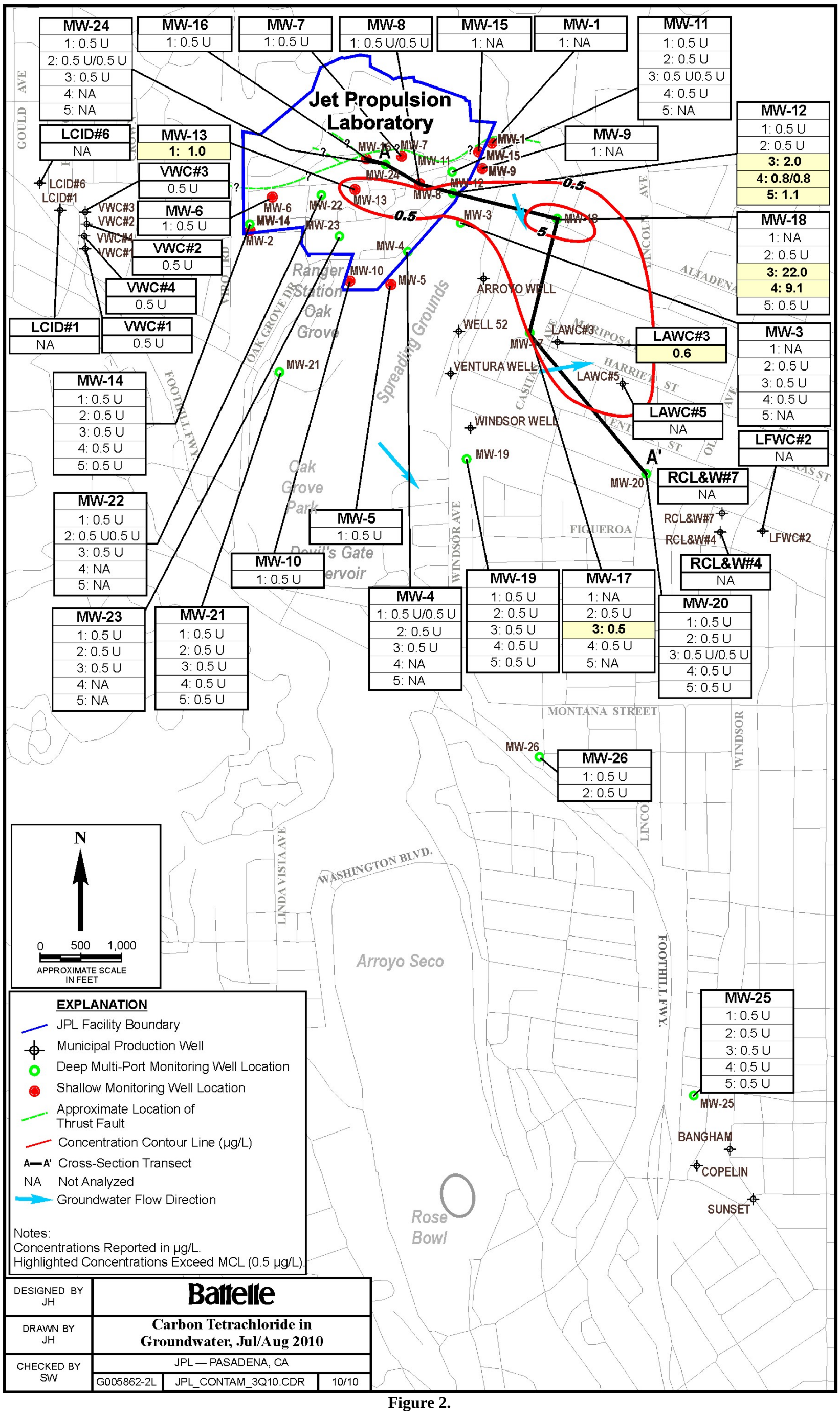

GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY.
LINCOLN AVE
ALTADENA DR
MARIPOSA DR
HARRIET ST
VENTURA ST
CASITA AVE
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
WINDSOR AVE
FIGUEROA
WOODBURY AVE.
MONTANA STREET
WASHINGTON BLVD.
LINDA VISTA AVE
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
MW-1
MW-15
MW-9
MW-7
MW-16
MW-11
MW-24
MW-12
MW-8
MW-13
MW-22
MW-6
MW-14
MW-2
MW-23
MW-4
MW-3
MW-18
MW-10
MW-5
ARROYO WELL
WELL 52
LAWC#3
MW-17
VENTURA WELL
LAWC#5
WINDSOR WELL
MW-19
MW-20
MW-21
MW-26
RCL&W#7
RCL&W#4
LFWC#2
MW-25
BANGHAM
COPELIN
SUNSET
Ranger Station Oak Grove
Spreading Grounds
Oak Grove Park
Devil's Gate Reservoir
Arroyo Seco
Rose Bowl
N
0 500 1,000
APPROXIMATE SCALE IN FEET
EXPLANATION
JPL Facility Boundary
Municipal Production Well
Deep Multi-Port Monitoring Well Location
Shallow Monitoring Well Location
Approximate Location of Thrust Fault
DESIGNED BY JH
DRAWN BY JH
CHECKED BY SW
Battelle
Locations of JPL Groundwater Monitoring Wells and Nearby Municipal Production Wells
JPL — PASADENA, CA
G005862-2L
JPL_CONTAM_3Q10.CDR
10/10

Figure 1.


Jet Propulsion Laboratory
A
A'
MW-24
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: NA
5: NA
MW-16
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MW-7
1: 0.5 U
MW-8
1: 0.5 U/0.5 U
MW-15
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MW-1
1: NA
MW-11
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2: 0.5 U
3: 0.5 U0.5 U
4: 0.5 U
5: NA
MW-12
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2: 0.5 U
3: 2.0
4: 0.8/0.8
5: 1.1
MW-9
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LCID#6
NA
MW-13
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VWC#3
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MW-6
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VWC#2
0.5 U
VWC#4
0.5 U
VWC#1
0.5 U
LCID#1
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MW-18
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2: 0.5 U
3: 22.0
4: 9.1
5: 0.5 U
MW-3
1: NA
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: NA
LAWC#3
0.6
LAWC#5
NA
LFWC#2
NA
RCL&W#7
NA
RCL&W#4
NA
MW-14
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2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-22
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3: 0.5 U
4: NA
5: NA
MW-23
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2: 0.5 U
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5: NA
MW-21
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2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-10
1: 0.5 U
MW-5
1: 0.5 U
MW-4
1: 0.5 U/0.5 U
2: 0.5 U
3: 0.5 U
4: NA
5: NA
MW-19
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3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-17
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4: 0.5 U
5: NA
MW-20
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2: 0.5 U
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4: 0.5 U
5: 0.5 U
MW-26
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MW-25
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2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
0.5
5
MW-1
MW-15
MW-9
MW-12
MW-11
MW-7
MW-16
MW-24
MW-13
MW-8
MW-3
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MW-6
MW-14
MW-2
MW-22
MW-23
MW-4
MW-10
MW-5
MW-21
MW-19
MW-20
MW-26
MW-25
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
LCID#1
ARROYO WELL
WELL 52
VENTURA WELL
WINDSOR WELL
LAWC#3
LAWC#5
RCL&W#7
RCL&W#4
LFWC#2
BANGHAM
COPELIN
SUNSET
Ranger Station Oak Grove
Oak Grove Park
Spreading Grounds
Devil's Gate Reservoir
Arroyo Seco
Rose Bowl
GOULD AVE
OAK GROVE DR
FOOTHILL FWY
WINDSOR AVE
FIGUEROA
MONTANA STREET
WASHINGTON BLVD.
LINDA VISTA AVE
LINCOLN AVE
ALTADENA
MARIPOSA ST
HARRIET ST
CASITAS AVE
VENTURA ST
OLIVE AVE
WINDSOR
N
0 500 1,000
APPROXIMATE SCALE IN FEET
EXPLANATION
JPL Facility Boundary
Municipal Production Well
Deep Multi-Port Monitoring Well Location
Shallow Monitoring Well Location
Approximate Location of Thrust Fault
Concentration Contour Line (µg/L)
A—A' Cross-Section Transect
NA Not Analyzed
Groundwater Flow Direction
Notes:
Concentrations Reported in µg/L.
Highlighted Concentrations Exceed MCL (0.5 µg/L).
DESIGNED BY JH
DRAWN BY JH
CHECKED BY SW
Battelle
Carbon Tetrachloride in Groundwater, Jul/Aug 2010
JPL — PASADENA, CA
G005862-2L
JPL_CONTAM_3Q10.CDR
10/10

Figure 2.

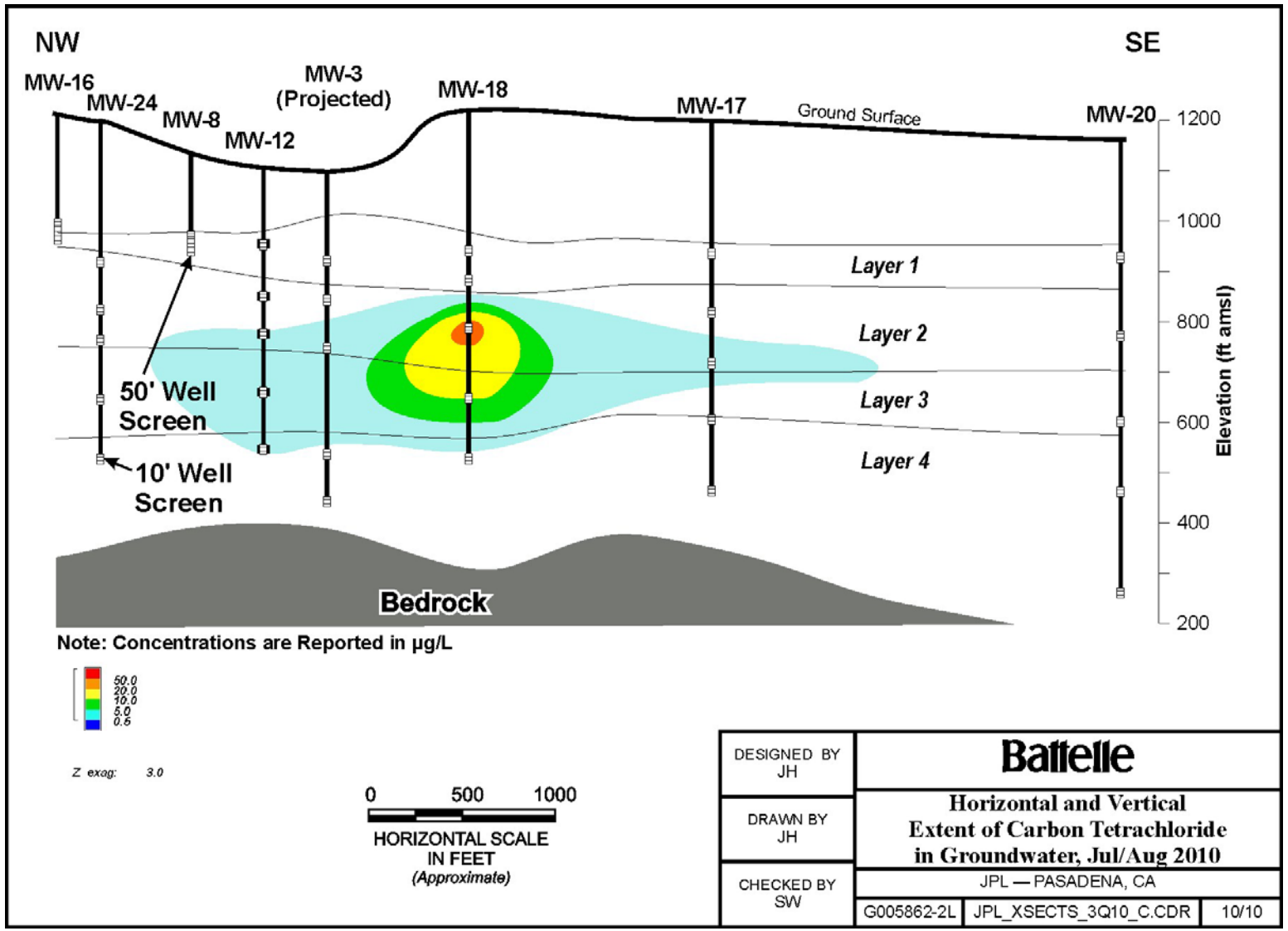
NW
SE
MW-16
MW-24
MW-8
MW-12
MW-3
(Projected)
MW-18
MW-17
Ground Surface
MW-20
1200
1000
800
600
400
200
Elevation (ft amsl)
Layer 1
Layer 2
Layer 3
Layer 4
50' Well
Screen
10' Well
Screen
Bedrock
Note: Concentrations are Reported in µg/L
50.0
20.0
10.0
5.0
0.5
Z exag: 3.0
0
500
1000
HORIZONTAL SCALE
IN FEET
(Approximate)
DESIGNED BY
JH
DRAWN BY
JH
CHECKED BY
SW
Battelle
Horizontal and Vertical
Extent of Carbon Tetrachloride
in Groundwater, Jul/Aug 2010
JPL — PASADENA, CA
G005862-2L
JPL_XSECTS_3Q10_C.CDR
10/10

Figure 3.

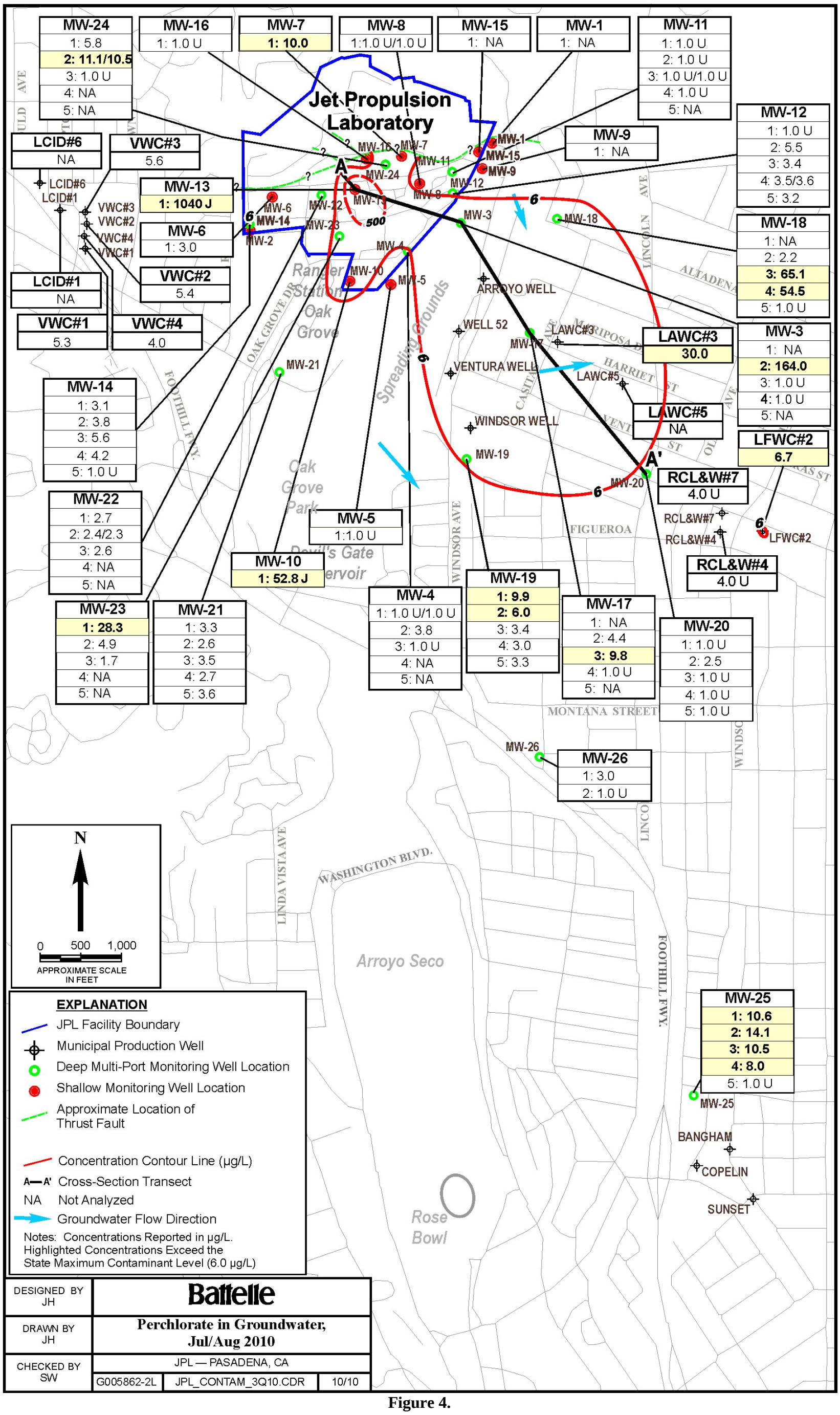
Jet Propulsion Laboratory
MW-24
1: 5.8
2: 11.1/10.5
3: 1.0 U
4: NA
5: NA
MW-16
1: 1.0 U
MW-7
1: 10.0
MW-8
1:1.0 U/1.0 U
MW-15
1: NA
MW-1
1: NA
MW-11
1: 1.0 U
2: 1.0 U
3: 1.0 U/1.0 U
4: 1.0 U
5: NA
MW-12
1: 1.0 U
2: 5.5
3: 3.4
4: 3.5/3.6
5: 3.2
MW-9
1: NA
LCID#6
NA
VWC#3
5.6
MW-13
1: 1040 J
MW-6
1: 3.0
VWC#2
5.4
LCID#1
NA
VWC#1
5.3
VWC#4
4.0
MW-18
1: NA
2: 2.2
3: 65.1
4: 54.5
5: 1.0 U
MW-3
1: NA
2: 164.0
3: 1.0 U
4: 1.0 U
5: NA
LAWC#3
30.0
LAWC#5
NA
LFWC#2
6.7
RCL&W#7
4.0 U
RCL&W#4
4.0 U
MW-14
1: 3.1
2: 3.8
3: 5.6
4: 4.2
5: 1.0 U
MW-22
1: 2.7
2: 2.4/2.3
3: 2.6
4: NA
5: NA
MW-5
1:1.0 U
MW-10
1: 52.8 J
MW-23
1: 28.3
2: 4.9
3: 1.7
4: NA
5: NA
MW-21
1: 3.3
2: 2.6
3: 3.5
4: 2.7
5: 3.6
MW-4
1: 1.0 U/1.0 U
2: 3.8
3: 1.0 U
4: NA
5: NA
MW-19
1: 9.9
2: 6.0
3: 3.4
4: 3.0
5: 3.3
MW-17
1: NA
2: 4.4
3: 9.8
4: 1.0 U
5: NA
MW-20
1: 1.0 U
2: 2.5
3: 1.0 U
4: 1.0 U
5: 1.0 U
MW-26
1: 3.0
2: 1.0 U
MW-25
1: 10.6
2: 14.1
3: 10.5
4: 8.0
5: 1.0 U
A
A'
500
6
Ranger Station
Oak Grove
Oak Grove Park
Spreading Grounds
Rose Bowl
Arroyo Seco
ARROYO WELL
WELL 52
VENTURA WELL
WINDSOR WELL
BANGHAM
COPELIN
SUNSET
FIGUEROA
MONTANA STREET
WASHINGTON BLVD.
OAK GROVE DR.
WINDSOR AVE
LINDA VISTA AVE
FOOTHILL FWY.
LINCOLN AVE
ALTADENA
HARRIET ST
MARIPOSA ST
CASITAS AVE
VENTURA ST
OLIVE AVE
N
0 500 1,000
APPROXIMATE SCALE IN FEET
EXPLANATION
JPL Facility Boundary
Municipal Production Well
Deep Multi-Port Monitoring Well Location
Shallow Monitoring Well Location
Approximate Location of Thrust Fault
Concentration Contour Line (µg/L)
A—A' Cross-Section Transect
NA Not Analyzed
Groundwater Flow Direction
Notes: Concentrations Reported in µg/L.
Highlighted Concentrations Exceed the State Maximum Contaminant Level (6.0 µg/L)
DESIGNED BY JH
DRAWN BY JH
CHECKED BY SW
Battelle
Perchlorate in Groundwater, Jul/Aug 2010
JPL — PASADENA, CA
G005862-2L
JPL_CONTAM_3Q10.CDR
10/10

Figure 4.

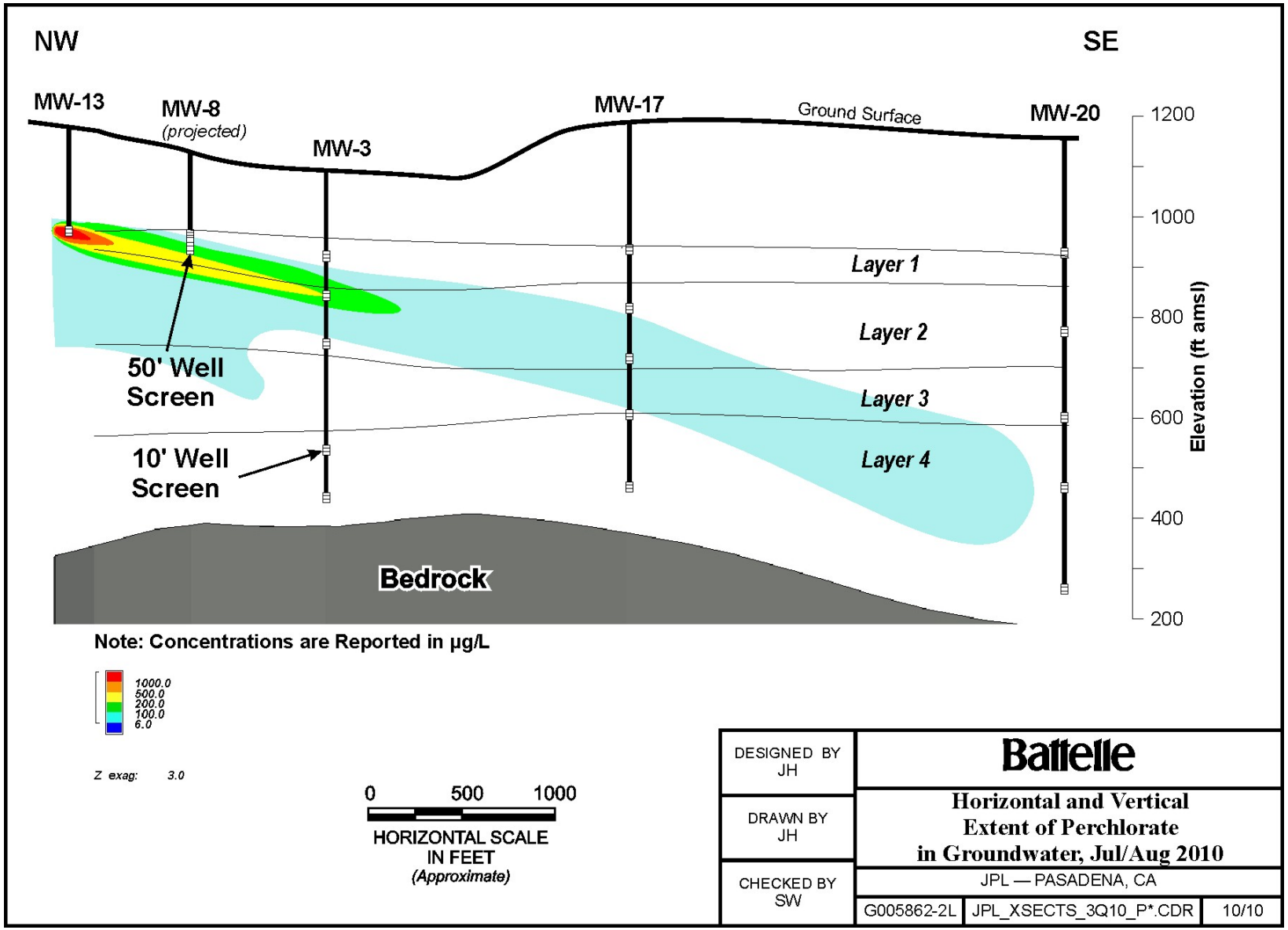
NW
SE
MW-13
MW-8
(projected)
MW-3
MW-17
Ground Surface
MW-20
1200
1000
800
600
400
200
Elevation (ft amsl)
Layer 1
Layer 2
Layer 3
Layer 4
50' Well
Screen
10' Well
Screen
Bedrock
Note: Concentrations are Reported in µg/L
1000.0
500.0
200.0
100.0
6.0
Z exag: 3.0
0
500
1000
HORIZONTAL SCALE
IN FEET
(Approximate)
DESIGNED BY
JH
DRAWN BY
JH
CHECKED BY
SW
Battelle
Horizontal and Vertical
Extent of Perchlorate
in Groundwater, Jul/Aug 2010
JPL — PASADENA, CA
G005862-2L
JPL_XSECTS_3Q10_P*.CDR
10/10

Figure 5.

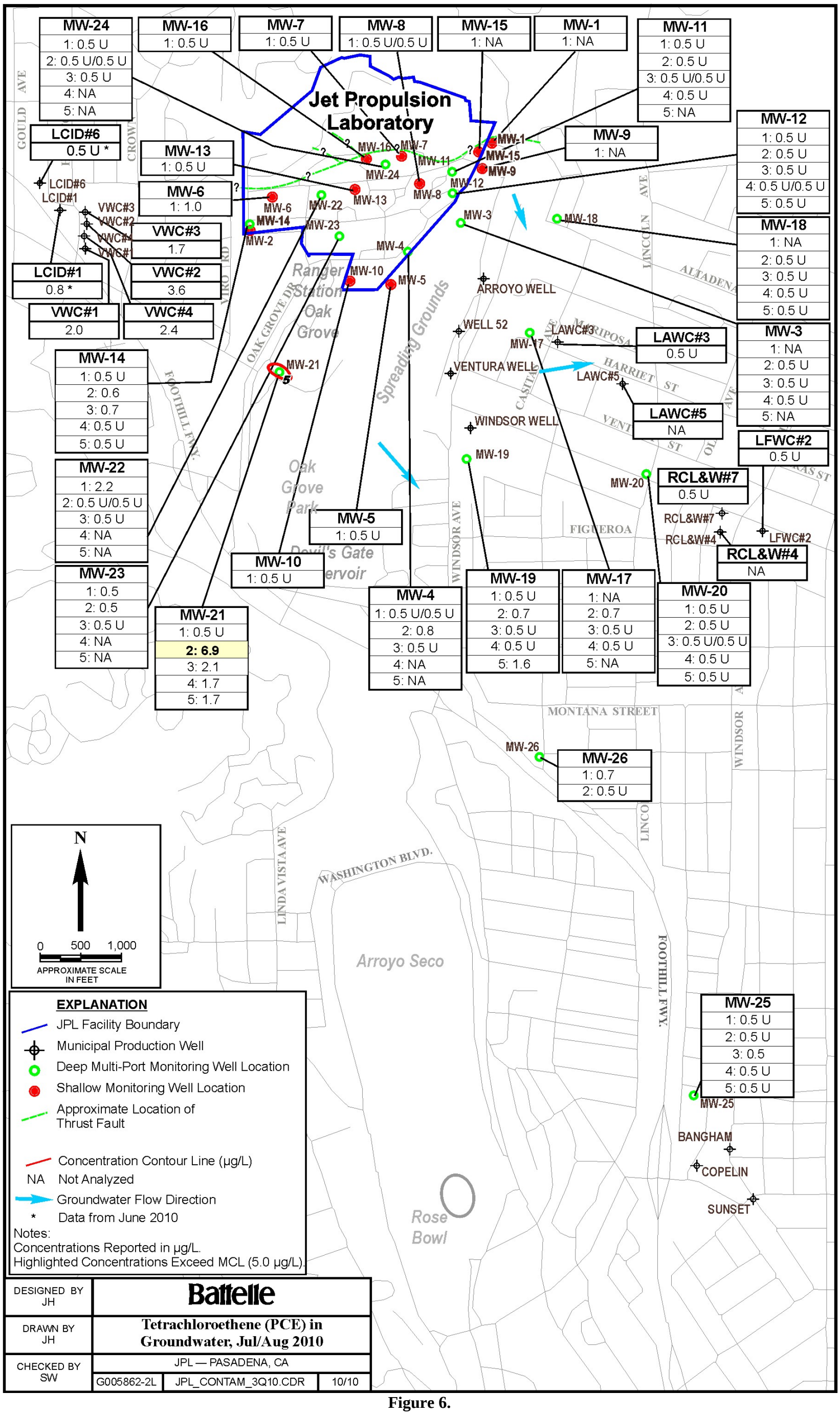
Jet Propulsion Laboratory
MW-24
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: NA
5: NA
MW-16
1: 0.5 U
MW-7
1: 0.5 U
MW-8
1: 0.5 U/0.5 U
MW-15
1: NA
MW-1
1: NA
MW-11
1: 0.5 U
2: 0.5 U
3: 0.5 U/0.5 U
4: 0.5 U
5: NA
MW-12
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U/0.5 U
5: 0.5 U
MW-9
1: NA
MW-18
1: NA
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-3
1: NA
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: NA
LFWC#2
0.5 U
LCID#6
0.5 U *
LCID#1
0.8 *
MW-13
1: 0.5 U
MW-6
1: 1.0
VWC#3
1.7
VWC#2
3.6
VWC#1
2.0
VWC#4
2.4
MW-14
1: 0.5 U
2: 0.6
3: 0.7
4: 0.5 U
5: 0.5 U
MW-22
1: 2.2
2: 0.5 U/0.5 U
3: 0.5 U
4: NA
5: NA
MW-23
1: 0.5
2: 0.5
3: 0.5 U
4: NA
5: NA
MW-21
1: 0.5 U
2: 6.9
3: 2.1
4: 1.7
5: 1.7
MW-10
1: 0.5 U
MW-5
1: 0.5 U
MW-4
1: 0.5 U/0.5 U
2: 0.8
3: 0.5 U
4: NA
5: NA
MW-19
1: 0.5 U
2: 0.7
3: 0.5 U
4: 0.5 U
5: 1.6
MW-17
1: NA
2: 0.7
3: 0.5 U
4: 0.5 U
5: NA
MW-20
1: 0.5 U
2: 0.5 U
3: 0.5 U/0.5 U
4: 0.5 U
5: 0.5 U
LAWC#3
0.5 U
LAWC#5
NA
RCL&W#7
0.5 U
RCL&W#4
NA
MW-26
1: 0.7
2: 0.5 U
MW-25
1: 0.5 U
2: 0.5 U
3: 0.5
4: 0.5 U
5: 0.5 U
MW-1
MW-15
MW-9
MW-12
MW-16
MW-7
MW-11
MW-24
MW-13
MW-8
MW-6
MW-22
MW-14
MW-23
MW-2
MW-4
MW-18
MW-3
MW-10
MW-5
MW-21
MW-19
MW-17
MW-20
MW-26
MW-25
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
ARROYO WELL
WELL 52
LAWC#3
MW-17
VENTURA WELL
LAWC#5
WINDSOR WELL
MW-19
MW-20
RCL&W#7
RCL&W#4
LFWC#2
BANGHAM
COPELIN
SUNSET
Ranger Station Oak Grove
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
Arroyo Seco
Rose Bowl
GOULD AVE
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY.
WINDSOR AVE
FIGUEROA
LINCOLN AVE
ALTADENA
MONTANA STREET
WINDSOR
LINCOLN
LINDA VISTA AVE
WASHINGTON BLVD.
MERIPOSA
HARRIET ST
CASITAS AVE
VENTURA ST
N
0 500 1,000
APPROXIMATE SCALE IN FEET
EXPLANATION
JPL Facility Boundary
Municipal Production Well
Deep Multi-Port Monitoring Well Location
Shallow Monitoring Well Location
Approximate Location of Thrust Fault
Concentration Contour Line (µg/L)
NA Not Analyzed
Groundwater Flow Direction
* Data from June 2010
Notes:
Concentrations Reported in µg/L.
Highlighted Concentrations Exceed MCL (5.0 µg/L).
DESIGNED BY JH
DRAWN BY JH
CHECKED BY SW
Battelle
Tetrachloroethene (PCE) in Groundwater, Jul/Aug 2010
JPL — PASADENA, CA
G005862-2L
JPL_CONTAM_3Q10.CDR
10/10

Figure 6.

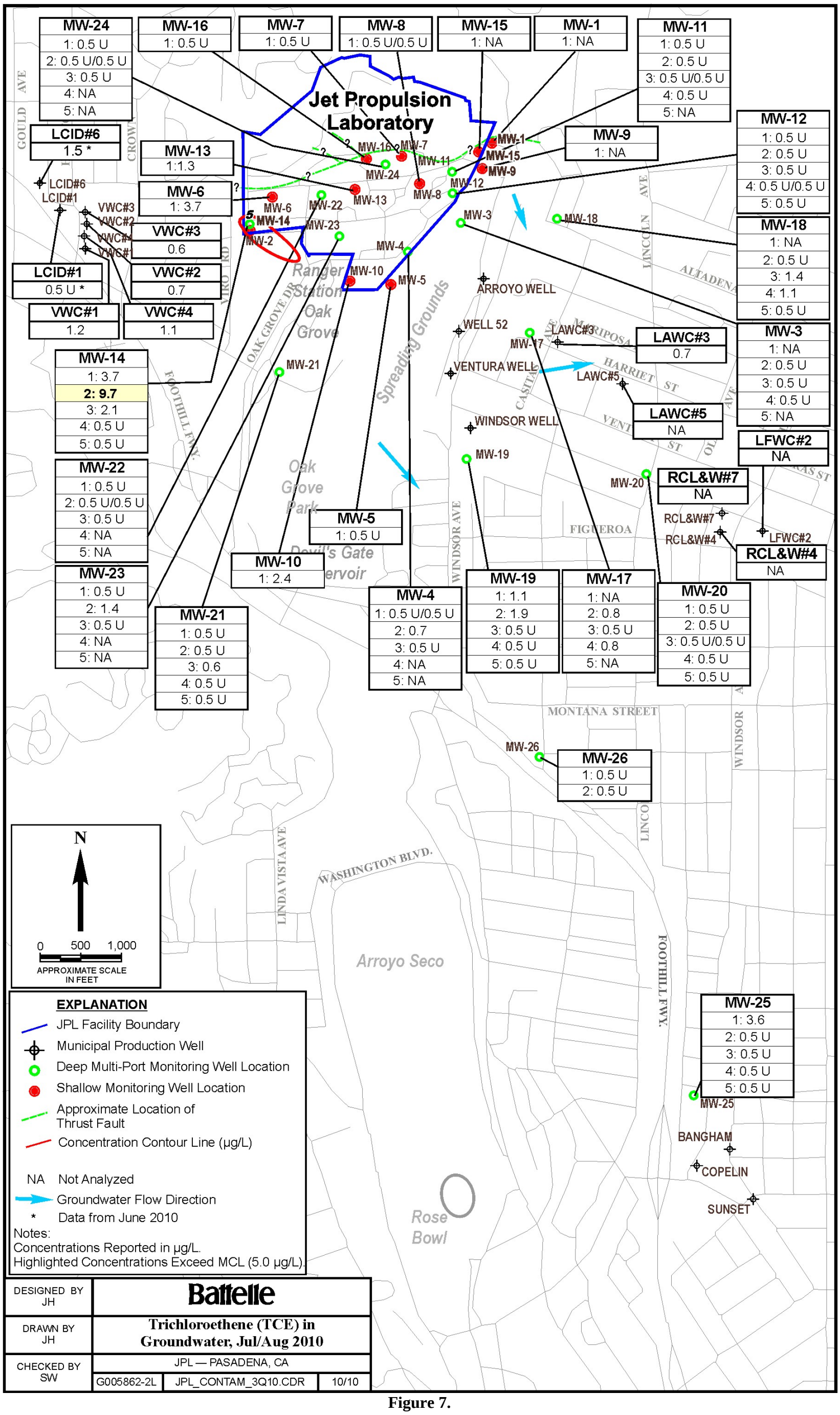
Jet Propulsion Laboratory
MW-24
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: NA
5: NA
MW-16
1: 0.5 U
MW-7
1: 0.5 U
MW-8
1: 0.5 U/0.5 U
MW-15
1: NA
MW-1
1: NA
MW-11
1: 0.5 U
2: 0.5 U
3: 0.5 U/0.5 U
4: 0.5 U
5: NA
MW-12
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U/0.5 U
5: 0.5 U
MW-9
1: NA
MW-18
1: NA
2: 0.5 U
3: 1.4
4: 1.1
5: 0.5 U
MW-3
1: NA
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: NA
LCID#6
1.5 *
MW-13
1:1.3
MW-6
1: 3.7
VWC#3
0.6
VWC#2
0.7
LCID#1
0.5 U *
VWC#1
1.2
VWC#4
1.1
MW-14
1: 3.7
2: 9.7
3: 2.1
4: 0.5 U
5: 0.5 U
MW-22
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: NA
5: NA
MW-23
1: 0.5 U
2: 1.4
3: 0.5 U
4: NA
5: NA
MW-21
1: 0.5 U
2: 0.5 U
3: 0.6
4: 0.5 U
5: 0.5 U
MW-10
1: 2.4
MW-5
1: 0.5 U
MW-4
1: 0.5 U/0.5 U
2: 0.7
3: 0.5 U
4: NA
5: NA
MW-19
1: 1.1
2: 1.9
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-17
1: NA
2: 0.8
3: 0.5 U
4: 0.8
5: NA
MW-20
1: 0.5 U
2: 0.5 U
3: 0.5 U/0.5 U
4: 0.5 U
5: 0.5 U
MW-26
1: 0.5 U
2: 0.5 U
LAWC#3
0.7
LAWC#5
NA
LFWC#2
NA
RCL&W#7
NA
RCL&W#4
NA
MW-25
1: 3.6
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
MW-21
MW-22
MW-23
MW-24
MW-25
MW-26
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
ARROYO WELL
WELL 52
VENTURA WELL
WINDSOR WELL
LAWC#3
LAWC#5
RCL&W#7
RCL&W#4
LFWC#2
BANGHAM
COPELIN
SUNSET
Ranger Station Oak Grove
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
Arroyo Seco
Rose Bowl
GOULD AVE
CROWN
OAK GROVE DR
VIRO RD
FOOTHILL FWY.
WINDSOR AVE
LINCOLN AVE
ALTADENA
MARIPOSA ST
HARRIET ST
CASITAS AVE
FIGUEROA
MONTANA STREET
WINDSOR
LINCOLN
LINDA VISTA AVE
WASHINGTON BLVD.
N
0 500 1,000
APPROXIMATE SCALE IN FEET
EXPLANATION
JPL Facility Boundary
Municipal Production Well
Deep Multi-Port Monitoring Well Location
Shallow Monitoring Well Location
Approximate Location of Thrust Fault
Concentration Contour Line (µg/L)
NA Not Analyzed
Groundwater Flow Direction
* Data from June 2010
Notes:
Concentrations Reported in µg/L.
Highlighted Concentrations Exceed MCL (5.0 µg/L).
DESIGNED BY JH
DRAWN BY JH
CHECKED BY SW
Battelle
Trichloroethene (TCE) in Groundwater, Jul/Aug 2010
JPL — PASADENA, CA
G005862-2L
JPL_CONTAM_3Q10.CDR
10/10

Figure 7.

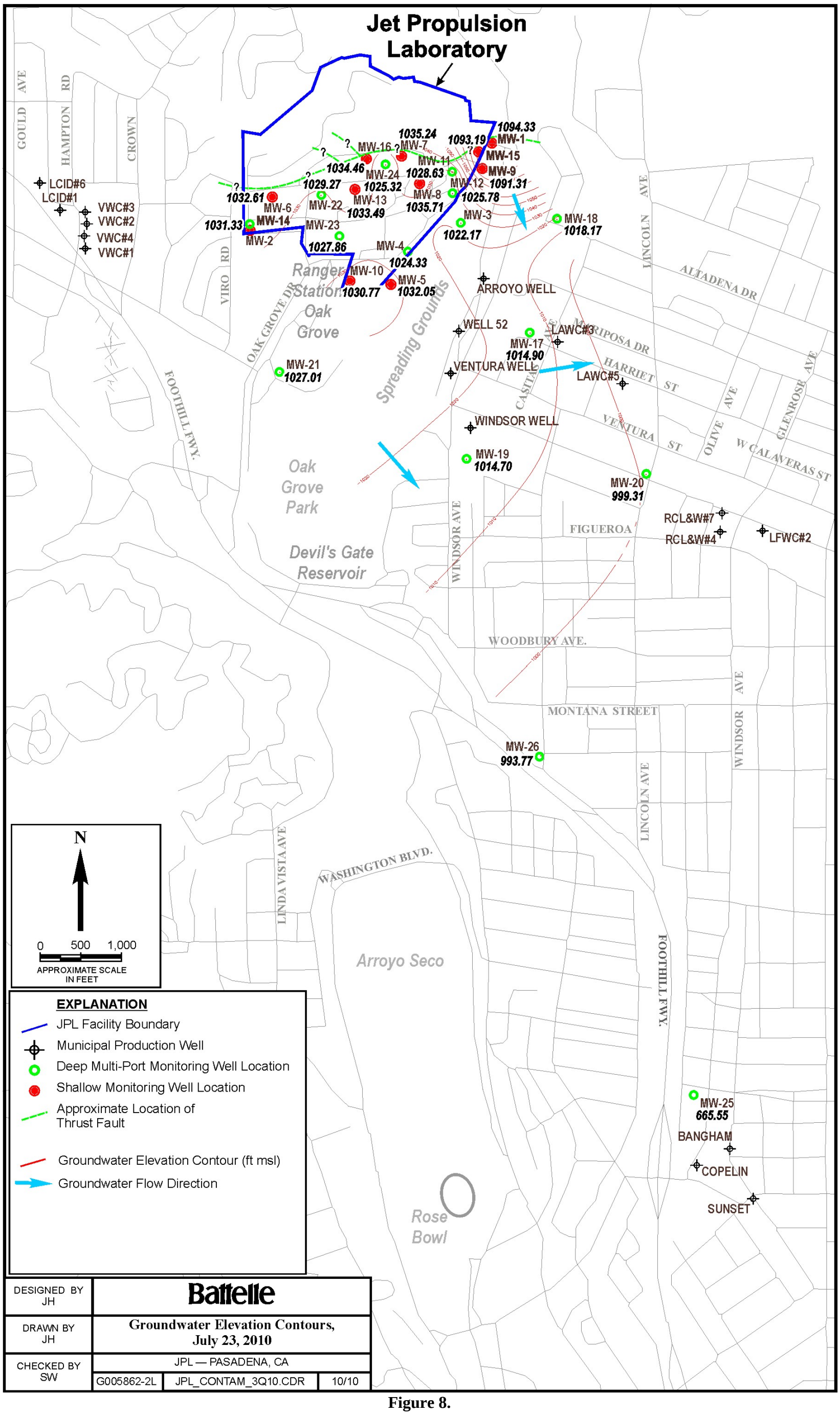
Jet Propulsion Laboratory
MW-1 1094.33
MW-15 1093.19
MW-9 1091.31
MW-12 1025.78
MW-3 1022.17
MW-18 1018.17
MW-11 1028.63
MW-7 1035.24
MW-16
MW-24 1034.46
MW-13 1033.49
MW-8 1035.71
MW-22
MW-23 1027.86
MW-6 1032.61
MW-14 1031.33
MW-2
MW-4 1024.33
MW-10 1030.77
MW-5 1032.05
MW-21 1027.01
MW-19 1014.70
MW-20 999.31
MW-17 1014.90
MW-26 993.77
MW-25 665.55
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
ARROYO WELL
WELL 52
LAWC#3
VENTURA WELL
LAWC#5
WINDSOR WELL
RCL&W#7
RCL&W#4
LFWC#2
BANGHAM
COPELIN
SUNSET
Ranger Station
Oak Grove
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
Arroyo Seco
Rose Bowl
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY.
LINCOLN AVE
ALTADENA DR
MARIPOSA DR
HARRIET ST
CASITAS AVE
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
WINDSOR AVE
FIGUEROA
WOODBURY AVE.
MONTANA STREET
LINDA VISTA AVE
WASHINGTON BLVD.
N
0 500 1,000
APPROXIMATE SCALE IN FEET
EXPLANATION
JPL Facility Boundary
Municipal Production Well
Deep Multi-Port Monitoring Well Location
Shallow Monitoring Well Location
Approximate Location of Thrust Fault
Groundwater Elevation Contour (ft msl)
Groundwater Flow Direction
DESIGNED BY JH
DRAWN BY JH
CHECKED BY SW
Battelle
Groundwater Elevation Contours, July 23, 2010
JPL — PASADENA, CA
G005862-2L
JPL_CONTAM_3Q10.CDR
10/10

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	6.5 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	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** **Bromoform** **Dibromochloromethane**	**2.2** **0.6** **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 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 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 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 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 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 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	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 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 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**		
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**		

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	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** **Styrene**	**1.0** **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** **Styrene**	**1.1** **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** **Styrene**	**1.5** **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** **Styrene**	**1.1** **0.6 J**
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** **Styrene**	**1.7** **0.7**
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	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-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-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-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-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** **Bromoform** **Dibromochloromethane**	**13.0** **1.2** **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-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** **Dibromochloromethane** **Trichlorofluoromethane**	**2.5** **1.0** **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** **Dibromochloromethane** **Trichlorofluoromethane**	**1.4** **0.8** **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-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-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	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-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-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 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 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 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 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 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 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 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 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	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 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 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 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 3	Nov/Dec 2009	MW-12-3	**1.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.4**	**3.2**		
MW-12 Screen 3	Nov/Dec 2009	DUPE-06-4Q09	**2.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.9**	**3.1**		
MW-12 Screen 3	Feb 2010	MW-12-3	0.5 U	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.7**	1.0 U		
MW-12 Screen 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**		

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 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 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-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-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-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 Dibromochloromethane	0.9 0.8
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 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 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 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 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 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 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 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 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-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-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		
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		

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	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-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-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	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 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 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 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 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 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 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	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 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 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 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 4	Nov/Dec 2009	MW-18-4	**16.0**	**1.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.8**	**52.9 J**		
MW-18 Screen 4	Feb 2010	MW-18-4	**10.0**	**1.2**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.1**	**58.8**		
MW-18 Screen 4	Feb 2010	DUPE-2-1Q10	**8.9**	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**	**60.1**		
MW-18 Screen 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 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**		

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 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-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 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 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 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 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 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 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 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 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-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-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 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 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 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 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**		
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 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 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		

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	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-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		
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 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 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 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 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 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 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 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 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-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-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 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 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 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 3	Nov/Dec 2009	MW-22-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.8**		
MW-22 Screen 3	Feb 2010	MW-22-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.7**		
MW-22 Screen 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 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		

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-22 Screen 4	Apr/May 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	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 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 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 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 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 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 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	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 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 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 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 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 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 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	Nov/Dec 2009	MW-25-1	0.5 U	**3.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**10.2**		
MW-25 Screen 1	Feb 2010	MW-25-1	0.5 U	**3.1**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**10.0**		
MW-25 Screen 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**		

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	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 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 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 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 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 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 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 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-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-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 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 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		
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		
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	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 2	Jul/Aug 2010	MW-3-2	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 3	Jul/Aug 2010	MW-3-3	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 4	Jul/Aug 2010	MW-3-4	NA	NA	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	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 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 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 2	Jul/Aug 2010	MW-4-2	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Nov/Dec 2009	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Nov/Dec 2009	DUPE-05-4Q09	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Feb 2010	MW-4-3	NA	NA	5.0 U	0.010 U
MW-4 Screen 3	Apr/May 2010	MW-4-3	2.0 U	5.000 U	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-4 Screen 3	Jul/Aug 2010	MW-4-3	NA	NA	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	**5.2 J**	0.010 U
MW-4 Screen 5	Apr/May 2010	MW-4-5	**2.2**	5.000 U	**9.4**	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-5	Jul/Aug 2010	MW-5	NA	NA	5.0 U	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-6	Jul/Aug 2010	MW-6	NA	NA	5.0 U	0.010 U
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	**5.2**	0.010 U
MW-7	Jul/Aug 2010	MW-7	NA	NA	**6.0**	**0.007**
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-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-9	Nov/Dec 2009	MW-9	NA	NA	**13.0**	0.010 U
MW-9	Nov/Dec 2009	DUPE-8-4Q09	NA	NA	**7.8**	0.010 U
MW-9	Apr/May 2010	MW-9	2.0 U	5.000 U	5.0 U	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	**5.5**	0.010 U
MW-10	Jul/Aug 2010	MW-10	NA	NA	**7.6**	**0.013**
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 1	Jul/Aug 2010	MW-11-1	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 2	Jul/Aug 2010	MW-11-2	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Nov/Dec 2009	MW-11-3	NA	NA	5.0 U	0.010 U
MW-11 Screen 3	Feb 2010	MW-11-3	NA	NA	5.0 U	0.010 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-11 Screen 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
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	**5.0**	5.000 U	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 1	Jul/Aug 2010	MW-12-1	NA	NA	**6.5**	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 2	Jul/Aug 2010	MW-12-2	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 3	Jul/Aug 2010	MW-12-3	NA	NA	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	**2.1**	5.000 U	5.0 U	0.010 U
MW-13	Nov/Dec 2009	MW-13	NA	NA	**12.0**	0.010 U
MW-13	Feb 2010	MW-13	NA	NA	5.0 U	NA
MW-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-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 1	Jul/Aug 2010	MW-14-1	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 2	Jul/Aug 2010	MW-14-2	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Nov/Dec 2009	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 3	Feb 2010	MW-14-3	NA	NA	5.0 U	0.010 U
MW-14 Screen 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 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	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-15	Jul/Aug 2010	MW-15	NA	NA	5.0 U	0.010 U
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	**3.6**	5.000 U	**17.0**	**0.018**
MW-16	Jul/Aug 2010	MW-16	NA	NA	5.0 U	0.010 U
MW-17 Screen 1	Nov/Dec 2009	MW-17-1	NA	NA	5.0 U	0.010 U
MW-17 Screen 1	Nov/Dec 2009	DUPE-03-4Q09	NA	NA	5.0 U	0.010 U
MW-17 Screen 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	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 2	Jul/Aug 2010	MW-17-2	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 3	Jul/Aug 2010	MW-17-3	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	**3.0**	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 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	**7.2**	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	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 2	Jul/Aug 2010	MW-18-2	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 3	Jul/Aug 2010	MW-18-3	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
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 4	Jul/Aug 2010	MW-18-4	NA	NA	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	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 1	Jul/Aug 2010	MW-20-1	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 2	Jul/Aug 2010	MW-20-2	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 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 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 4	Jul/Aug 2010	MW-20-4	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Nov/Dec 2009	MW-20-5	NA	NA	5.0 U	0.010 U
MW-20 Screen 5	Feb 2010	MW-20-5	NA	NA	5.0 U	0.010 U
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-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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-21 Screen 1	Apr/May 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
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 2	Jul/Aug 2010	MW-21-2	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 3	Jul/Aug 2010	MW-21-3	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 4	Jul/Aug 2010	MW-21-4	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-21 Screen 5	Jul/Aug 2010	MW-21-5	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 1	Jul/Aug 2010	MW-22-1	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 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 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 3	Jul/Aug 2010	MW-22-3	NA	NA	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
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	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 1	Jul/Aug 2010	MW-23-1	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

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
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 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 3	Jul/Aug 2010	MW-23-3	NA	NA	**6.0 J**	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 4	Jul/Aug 2010	MW-23-4	NA	NA	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	**4.4**	5.000 U	5.0 U	0.010 U
MW-24 Screen 1	Nov/Dec 2009	MW-24-1	NA	NA	**13.0**	0.010 U
MW-24 Screen 1	Feb 2010	MW-24-1	NA	NA	**25.0**	NA
MW-24 Screen 1	Feb 2010	DUPE-5-1Q10	NA	NA	**13.0**	NA
MW-24 Screen 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 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	**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 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	**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 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 4	Jul/Aug 2010	MW-24-4	NA	NA	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	**3.0**	5.000 U	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
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 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 2	Jul/Aug 2010	MW-25-2	NA	NA	**6.5 J**	0.010 U
MW-25 Screen 3	Nov/Dec 2009	MW-25-3	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-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 3	Jul/Aug 2010	MW-25-3	NA	NA	**5.9**	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 4	Jul/Aug 2010	MW-25-4	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-25 Screen 5	Jul/Aug 2010	MW-25-5	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 1	Jul/Aug 2010	MW-26-1	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
MW-26 Screen 2	Jul/Aug 2010	MW-26-2	NA	NA	**6.8**	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	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
		5/24/10	4.0 U	NA	NA	NA
		7/08/10	**36.0**	0.5 U	**0.5**	**0.7**
		7/13/10	**36.0**	NA	NA	NA
		7/27/10	**31.0**	NA	NA	NA
		8/03/10	**30.0**	**0.6**	0.5 U	NA
	WELL 05	8/18/09	**13.0**	NA	NA	NA
RUBIO CANON LAND & WATER ASSOCIATION	WELL 04	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
		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
		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
	WELL 07	8/17/09	4.0 U	NA	NA	NA
		8/24/09	4.0 U	NA	NA	NA
		8/31/09	4.0 U	NA	NA	NA
		9/08/09	4.0 U	NA	0.5 U	NA
		9/14/09	4.0 U	NA	NA	NA
		9/21/09	4.0 U	NA	NA	NA
		9/28/09	4.0 U	NA	NA	NA
		10/05/09	4.0 U	NA	0.5 U	NA
		10/12/09	4.0 U	NA	NA	NA
		10/19/09	4.0 U	NA	NA	NA
		10/26/09	4.0 U	NA	NA	NA
		11/02/09	4.0 U	NA	0.5 U	NA
		11/09/09	4.0 U	NA	NA	NA
		11/16/09	4.0 U	NA	NA	NA
		12/14/09	4.0 U	NA	NA	NA
		12/21/09	4.0 U	NA	NA	NA
		12/28/09	4.0 U	NA	NA	NA
		1/04/10	4.0 U	NA	**0.7**	NA
		1/11/10	4.0 U	NA	NA	NA
		2/08/10	4.0 U	NA	**0.9**	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	**0.9**	NA

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	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	**0.7**	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
LAS FLORES WATER CO.	WELL 02	8/17/09	**4.5**	NA	**0.7**	NA
		8/24/09	**4.1**	NA	**0.7**	NA
		8/31/09	**4.4**	NA	**0.7**	NA
		9/08/09	**5.5**	NA	**0.5**	NA
		9/14/09	**5.5**	NA	**0.6**	NA
		9/21/09	**5.4**	NA	**0.6**	NA
		9/28/09	**5.6**	NA	**4.4**	NA
		10/05/09	**7.1**	NA	**1.0**	NA
		10/12/09	**5.5**	NA	**0.5**	NA
		10/19/09	**6.1**	NA	**0.6**	NA
		10/26/09	**5.3**	NA	**0.5**	NA
		11/02/09	**5.5**	NA	0.5 U	NA
		11/09/09	**5.2**	NA	**0.6**	NA
		11/16/09	**5.4**	NA	**0.8**	NA
		12/14/09	**5.4**	NA	**0.6**	NA
		12/21/09	**5.3**	NA	**0.7**	NA
		12/28/09	**5.7**	NA	**0.8**	NA
		1/04/10	**6.3**	NA	0.5 U	NA
		1/11/10	**5.2**	NA	**0.6**	NA
		1/18/10	**5.0**	NA	0.5 U	NA
		2/01/10	**5.7**	NA	0.5 U	NA
		2/08/10	**6.0**	NA	**0.7**	NA
		2/16/10	**6.4**	NA	**0.6**	NA
		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

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LAS FLORES WATER CO. (con't)	WELL 02 (con't)	4/19/10	**6.3**	NA	0.5 U	NA
		4/26/10	**6.8**	NA	0.5 U	NA
		5/24/10	**6.0**	NA	0.5 U	NA
		6/01/10	**5.9**	NA	0.5 U	NA
		6/07/10	**5.1**	NA	0.5 U	NA
		6/14/10	**5.5**	NA	0.5 U	NA
		6/21/10	**5.6**	NA	0.5 U	NA
		6/28/10	**6.7**	NA	0.5 U	NA
		7/06/10	**6.1**	NA	0.5 U	NA
		7/12/10	**4.1**	NA	0.5 U	NA
		7/19/10	**6.0**	NA	0.5 U	NA
		7/26/10	**6.9**	NA	0.5 U	NA
		8/09/10	**6.7**	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**
	WELL 06	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**
		6/01/10	NA	NA	0.5 U	0.5 U
VALLEY WATER CO.	WELL 01	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**
		6/02/10	**4.9**	0.5 U	**2.4**	**1.3**
		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**
	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**
	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**
	WELL 04	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**
		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**
California Maximum Contaminant Level (MCL)			6.0 *	0.5	5.0	5.0
EPA Region IX Maximum Contaminant Level			NE	5.0	5.0	5.0

Notes

NA	Not analyzed
NE	Not established
*	Interim Action Level - California Department of Public Health
Source	California Department of Public Health Drinking Water Program, California Drinking Water Data, January 4, 2005
U	Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.

TABLE 4
TENTATIVELY IDENTIFIED COMPOUNDS
IN SAMPLES COLLECTED DURING THE JUL/AUG 2010 SAMPLING EVENT

(All concentrations reported in µg/L.)

Sampling Location	Sample Type	Tentatively Identified Compound	Concentration
MW-14-5	NORMAL	Acetone	13.0