Technical Memorandum

Second Quarter 2014 Groundwater Monitoring Summary
National Aeronautics and Space Administration
Jet Propulsion Laboratory, Pasadena, California

Final July 2014

This technical memorandum summarizes the results of the second quarter 2014 groundwater sampling event completed as part of the groundwater monitoring program at the National Aeronautics and Space Administration (NASA) Jet Propulsion Laboratory (JPL). The second quarter 2014 groundwater sampling event was conducted from April 18 through May 2, 2014, and May 14 through May 16, 2014.

INTRODUCTION

During the second quarter 2014 sampling event, groundwater samples were collected from 25 JPL monitoring wells (MWs), both on and off facility, and analyzed for volatile organic compounds (VOCs), total chromium, hexavalent chromium [Cr(VI)], perchlorate, lead, arsenic, major cations and anions, alkalinity, total dissolved solids (TDS), and pH. In select wells, 1,4-dioxane and N-nitrosodimethylamine (NDMA) were also analyzed. Figure 1 shows the locations of the groundwater monitoring wells.

Groundwater samples were shipped to BC Laboratories, Inc., in Bakersfield, CA, and Eurofins Eaton Analytical (Eurofins), in Monrovia, CA, for chemical analysis. BC Laboratories, Inc., and Eurofins are certified by the California Department of Public Health (CDPH). 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 noncompliance 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 five quarters. Table 3 summarizes VOC and perchlorate concentrations in production wells located near the JPL facility during the most recent five quarters. Table 4 summarizes the major cations and anions, alkalinity, and pH data collected during the second quarter. No tentatively identified compounds (TICs) were detected in the samples collected during the second quarter of 2014.

Figures summarizing the results from the second quarter 2014 sampling event are included in this technical memorandum. Figure 2 shows the lateral extent of carbon tetrachloride concentrations in groundwater and Figure 3 provides 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 provides 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. 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);

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

- Other on facility wells (MW-6, MW-8, MW-11, MW-22, and MW-23);
- Perimeter off facility wells (MW-1, MW-3, MW-4, MW-5, MW-9, MW-10, MW-12, MW-14, and MW-15); and
- Off facility wells (MW-17, MW-18, MW-19, MW-20, MW-21, MW-25, and MW-26).

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

ON FACILITY SOURCE AREA WELLS

On facility source area wells consist of wells that 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 that 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 presented below.

PERCHLORATE ANALYTICAL RESULTS

- During the second quarter 2014 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-13 (200 µg/L) and MW-24 (Screens 1 [45.0 µg/L] and 2 [8.5 µg/L]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-7 (5.3 µg/L).
- Perchlorate concentrations increased from their respective last sampling date to the second quarter 2014 in MW-7 (2.4J µg/L to 5.3 µg/L), MW-13 (36.0 µg/L to 200 µg/L) and MW-24 (Screen 2 [8.0 µg/L to 8.5 µg/L]).
- Perchlorate concentrations decreased from their respective last sampling event to the second quarter 2014 in MW-16 (at an estimated concentration indicated by "J" [2.3J µg/L to non-detect] with a reporting limit of 4.0 µg/L) and MW-24 (Screen 1 [160 µg/L to 45.0 µg/L]).
- Perchlorate concentrations in MW-24 (Screens 3, 4 and 5) were non-detect during the second quarter 2014, with a reporting limit of 4.0 µg/L.

VOC ANALYTICAL RESULTS

- Carbon tetrachloride was not detected in any of the on facility source area wells during the second quarter 2014 with a reporting limit of 0.5 µg/L.
- During the second quarter 2014, TCE was detected below the state and federal MCL of 5.0 µg/L in MW-13 (0.3J µg/L).
- During the second quarter 2014, PCE was detected below the state and federal MCL of 5.0 µg/L in MW-13 (2.1 µg/L) and MW-24 (Screen 1 [0.2J µg/L]).

OTHER NOTABLE ANALYTICAL RESULTS

- During the second quarter 2014, Cr(VI)[2] was detected below the state MCL of 50.0 µg/L in MW-7 (7.0 µg/L), MW-16 (7.0 µg/L) and MW-24 (Screens 1 and [6.0 µg/L] and 2 [3.0 µg/L]).
- During the second quarter 2014, total chromium was above the state MCL of 50.0 µg/L in wells MW-13 (220 µg/L) and MW-16 (690 µg/L). Total chromium was also detected below the state MCL of 50.0 µg/L in MW-7 (16.0 µg/L) and MW-24 (Screens 1 [16.0 µg/L] and 2 [2.4J µg/L]). The total chromium detections in MW-13 (220 µg/L) and MW-16 (690 µg/L) are the highest detections in these wells since they were first analyzed for total chromium in 1996. The detection of total chromium in well MW-16 during the second quarter 2014 is the sixth time total chromium has been detected above the state MCL of 50.0 µg/L (fourth quarter 2001 [140.8 µg/L], fourth quarter 2006 [73.7 µg/L], third quarter 2012 [93.0 µg/L], fourth quarter 2013 [260 µg/L], first quarter 2014 [410 µg/L] and second quarter 2014 [690 µg/L]) since it was first monitored for total chromium in 1996. Total chromium results in the on facility source area wells will continue to be closely evaluated during subsequent sampling events.

OTHER ON FACILITY WELLS

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

PERCHLORATE ANALYTICAL RESULTS

- During the second quarter 2014, perchlorate was detected in MW-6 (2.7J µg/L), MW-8 (47.0 µg/L), MW-22 (Screens 1 [3.0J µg/L], 2 [2.9J µg/L] and 3 [2.8J µg/L]) and MW-23 (Screens 1 [2.6J µg/L], 2 [4.7 µg/L] and 3 [3.0J µg/L]); however, only the detection of 47.0 µg/L in MW-8 is above the state MCL of 6.0 µg/L.
- Perchlorate concentrations increased slightly from their respective last sampling date to the second quarter 2014 in MW-22 (Screens 2 [2.5J µg/L to 2.9J µg/L] and 3 [2.6J µg/L to 2.8J µg/L]) and MW-23 (Screens 2 [4.6 µg/L to 4.7 µg/L] and 3 [2.8J µg/L to 3.0J µg/L]).
- Perchlorate concentrations decreased from their respective last sampling event to the second quarter 2014 in MW-6 (2.9J µg/L to 2.7J µg/L), MW-8 (94.0 µg/L to 47.0 µg/L), MW-22 (Screen 1 [3.3J µg/L to 3.0J µg/L]) and MW-23 (Screen 1 [3.7J µg/L to 2.6J µg/L]).
- During the second quarter 2014, perchlorate was not detected in MW-11 (Screens 1 through 5), MW-22 (Screens 4 and 5) and MW-23 (Screens 4 and 5) with a reporting limit of 4.0 µg/L.

VOC ANALYTICAL RESULTS

- Carbon tetrachloride was not detected in any of the other on facility wells during the second quarter 2014 with a reporting limit of 0.5 µg/L.
- During the second quarter 2014, TCE was detected below the state and federal MCL of 5.0 µg/L in MW-6 (4.2 µg/L), MW-11 (Screen 3 [0.1J µg/L]), MW-22 (Screen 1 [1.4 µg/L]) and MW-23 (Screens 1 [2.1 µg/L] and 2 [1.1 µg/L]).
- During the second quarter 2014, PCE was detected below the state and federal MCL for PCE (5.0 µg/L) in MW-6 (1.1 µg/L), MW-22 (Screen 1 [0.2J µg/L]) and MW-23 (Screens 1 [0.2J µg/L] and 2 [0.4J µg/L]).

[2]On July 1, 2014, the California Department of Public Health (CDPH) adopted an MCL for Cr(VI) of 10.0 µg/L. The MCL was adopted after sampling occurred for the second quarter 2014 groundwater monitoring event. See http://www.cdph.ca.gov/certlic/drinkingwater/Pages/Chromium6.aspx.

OTHER NOTABLE ANALYTICAL RESULTS

- During the second quarter 2014, Cr(VI)[2] was detected below the state MCL of 50 µg/L in MW-6 (2.0J µg/L) and MW-8 (1.0J µg/L).
- During the second quarter 2014, total chromium was detected in MW-6 (190 µg/L), MW-8 (1.7J µg/L), MW-11 (Screens 2 [0.9J µg/L] and 5 [4.0 µg/L]); however, only the detection of 190 µg/L in MW-6 was above the state and federal MCL (50 µg/L). The detection of total chromium in well MW-6 during the second quarter 2014 is the sixth time total chromium has been detected at or above the state MCL of 50.0 µg/L (third quarter 1996 [50.0 µg/L], third quarter 1999 [310 µg/L], second quarter 2000 [82.0 µg/L], third quarter 2000 [51.0 µg/L], second quarter 2012 [83.0 µg/L] and second quarter 2014 [190 µg/L]) since this well was first monitored for total chromium in 1996. Total chromium results will continue to be closely evaluated during subsequent sampling events.

PERIMETER OFF FACILITY WELLS

The perimeter off facility wells are located near the JPL fence line along the perimeter of the property. This group of wells consists of MW-1, MW-3, MW-4, MW-5, MW-9, MW-10, MW-12, MW-14, and MW-15.

PERCHLORATE ANALYTICAL RESULTS

- During the second quarter 2014 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 [25.0 µg/L]) and MW-4 (Screen 2 [64.0 µg/L]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-3 (Screen 4 [1.3J µg/L]), MW-4 (Screens 3 through 5 [2.6J µg/L, 2.0J µg/L and 2.0J µg/L, respectively]), MW-10 (4.2 µg/L), MW-12 (Screens 2 [3.9J µg/L] and 3 [3.0J µg/L]) and MW-14 (Screens 1 through 4 [3.8J µg/L, 4.1 µg/L, 5.9 µg/L and 4.1 µg/L, respectively]).
- Perchlorate concentrations increased from their respective last sampling date to the second quarter 2014 in MW-3 (Screens 2 [3.9J µg/L to 25.0 µg/L]) and 4 [non-detect to 1.3J µg/L], MW-4 (Screens 3 through 5 [1.7J µg/L to 2,6J µg/L, non-detect to 2.0J µg/L, and non-detect to 2.0J µg/L, respectively]), MW-10 (3.4J µg/L to 4.2 µg/L), MW-12 (Screen 3 [1.8J µg/L to 3.0 µg/L]) and MW-14 (Screens 1 through 4 [3.4J µg/L to 3.8J µg/L, 3.4J µg/L to 4.1 µg/L, 4.7 µg/L to 5.9 µg/L and 4.0 µg/L to 4.1 µg/L, respectively]).
- Perchlorate concentrations decreased from their last sampling event to the second quarter 2014 in MW-4 (Screen 2 [100 µg/L to 64 µg/L]), MW-5 (10.0 µg/L to non-detect) and MW-12 (Screens 2[4.2 µg/L to 3.9J µg/L], 4 [3.5J µg/L to non-detect] and 5 [2.5J µg/L to non-detect]).
- The perchlorate detection of 25.0 µg/L in MW-3 (Screen 2) is the first detection above the state MCL (6.0 µg/L) since the second quarter 2011. Perchlorate has been non-detect in MW-3 (Screen 2) since the second quarter 2011 with four exceptions: 3.0 µg/L, 1.3 µg/L, 3.9J µg/L and 25.0 µg/L (third quarter 2011, second quarter 2012, first quarter 2014 and second quarter 2014, respectively). MW-3 is within the capture zone of the Monk Hill Treatment System (MHTS).
- The perchlorate concentration of 64.0 µg/L in MW-4 (Screen 2) is down from the high detection of 250 µg/L (third quarter 2013). The perchlorate detection is consistent with recent detections in this well screen. Since the first quarter 2011, concentrations have exceeded the state MCL (6.0 µg/L). MW-4 is within the capture zone of the MHTS.
- The perchlorate concentrations in MW-12 (Screen 2) were detected below the state MCL (6.0 µg/L) from the first quarter 2008 through the third quarter 2010. Since the fourth quarter 2010,

the detections have been above the state MCL (6.0 µg/L) with seven exceptions: 5.7 µg/L, 5.4 µg/L, 5.3 µg/L, non-detect, 5.6 µg/L, 4.2 µg/L and 3.9J µg/L (first and second quarters of 2011, fourth quarter 2011, first and fourth quarters of 2013, first and second quarters of 2014, respectively). MW-12 is within the capture zone of the MHTS.

- Perchlorate was not detected in MW-1, MW-3 (Screens 1, 3, 4 and 5), MW-4 (Screen 1), MW-5, MW-9, MW-12 (Screens 1, 4 and 5), MW-14 (Screen 5) and MW-15 with a reporting limit of 4.0 µg/L.

VOC ANALYTICAL RESULTS

- During the second quarter 2014, carbon tetrachloride was detected at or above the state MCL (0.5 µg/L) in MW-12 (Screens 3 [0.6 µg/L] and 4 [0.5J]) and at a concentration below the state MCL in MW-12 (Screen 5 [0.3J µg/L]). No other carbon tetrachloride detections occurred in the perimeter off facility wells during the second quarter 2014.
- During the second quarter 2014, TCE was detected in wells MW-4 (Screen 2 [0.8 µg/L]), MW-10 (6.6 µg/L), MW-12 (Screens 4 [0.2J µg/L] and 5 [0.1J µg/L]) and MW-14 (Screens 1 through 4 [2.2 µg/L, 8.5 µg/L, 1.6 µg/L and 0.4J µg/L, respectively]); however, only the detections of 6.6 µg/L in MW-10 and 8.5 µg/L in MW-14 (Screen 2) were above the state and federal MCL (5.0 µg/L). No other TCE detections occurred in the perimeter off facility wells during the second quarter 2014.
- During the second quarter 2014, PCE was detected below the state and federal MCL (5.0 µg/L) in wells MW-3 (Screens 4 [0.2J µg/L] and 5 [0.2J), MW-4 (Screens 2 [0.5J µg/L] and 4 [0.1J µg/L]), MW-10 (0.8 µg/L) and MW-14 (Screens 1 through 4 [0.3J µg/L, 1.0 µg/L, 0.5 µg/L and 0.4J µg/L, respectively]). No other PCE detections occurred in the perimeter off facility wells during the second quarter 2014.

OTHER NOTABLE ANALYTICAL RESULTS

- During the second quarter 2014, Cr(VI)[2] was detected below the state MCL of 50.0 µg/L in MW-3 (1.0J µg/L [Screens 2 through 5]), MW-4 (Screen 2 [1.0J µg/L]), MW-10 (1.0J µg/L) and MW-12 (Screen 5 [1.0J µg/L]). No other Cr(VI)[2] detections occurred in the perimeter off facility wells during the second quarter 2014.
- During the second quarter 2014, total chromium was detected below the state MCL of 50.0 µg/L in MW-1 (1.1J), MW-3 (Screens 4 and 5 [15.0 µg/L and 11.0 µg/L, respectively]), MW-4 (Screen 2 [16.0 µg/L]), MW-5 (0.8J µg/L), MW-9 (0.6J µg/L), MW-10 (2.4J µg/L), MW-12 (Screens 1, 2, and 5 [1.1J µg/L, 1.0J µg/L and 1.8J µg/L, respectively]) and MW-15 (1.4J µg/L).
- During the second quarter 2014, arsenic was detected above the state MCL of 10.0 µg/L in MW-3 (Screen 4 [14.0 µg/L]). This is the second highest arsenic detection in this well screen interval since it was first analyzed for arsenic in 1996. Historically, the arsenic concentrations in MW-3 (Screen 4) have been non-detect or below the state MCL (10.0 µg/L). Arsenic in MW-3 (Screen 4) is likely naturally occurring based on the depth of the sampling location in the aquifer. Arsenic results in MW-3 (Screen 4) will continue to be closely evaluated during subsequent sampling events.

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. These wells are located near and downgradient of the two off facility treatment plants: MHTS and Lincoln Avenue Water Company (LAWC) treatment system. Daily operation of the MHTS began in February 2011. Operation of the LAWC system began in July 2004.

PERCHLORATE ANALYTICAL RESULTS

- During the second quarter 2014 sampling event, concentrations of perchlorate in excess of the state MCL (6.0 µg/L) were reported in samples collected from wells MW-17 (Screens 3 through 5 [7.6 µg/L, 17.0 µg/L and 15.0 µg/L, respectively]), MW-18 (Screens 3 [36.0 µg/L] and 4 [16.0 µg/L]), MW-19 (Screen 2 [6.3 µg/L]), MW-21 (Screen 1 [12.0 µg/L]) and MW-25 (Screens 1 through 4 [11.0 µg/L, 14.0 µg/L, 11.0 µg/L and 8.5 µg/L, respectively]).
- Perchlorate was detected below the state MCL of 6.0 µg/L in MW-19 (Screens 3 through 5 [2.9J µg/L, 3.3J µg/L and 3.1J µg/L, respectively]), MW-20 (Screen 2 [4.0 µg/L]), MW-21 (Screens 2 through 4 [2.8J µg/L, 4.0 µg/L and 2.2J µg/L, respectively]) and MW-26 (Screens 1 [2.5J µg/L] and 2 [2.3J µg/L]).
- Perchlorate concentrations increased slightly from their respective last sampling date to the second quarter 2014 in MW-17 (Screens 3 [7.4 µg/L to 7.6 µg/L] and 5 [9.9 µg/L to 15.0 µg/L]), MW-18 (Screens 3 [35.0 µg/L to 36.0 µg/L] and 4 [15.0 µg/L to 16.0 µg/L], MW-19 (Screens 2 [5.9 µg/L to 6.3 µg/L], 3 [2.4J µg/L to 2.9J µg/L] and 5 [2.8J µg/L to 3.1J µg/L]), MW-20 (Screen 2 [1.6J µg/L to 4.0 µg/L]) and MW-21 (Screens 1 [11.0 µg/L to 12.0 µg/L], 3 [2.7J µg/L to 4.0 µg/L] and 4 [2.1J µg/L to 2.2J µg/L]).
- The perchlorate concentration decreased slightly from its respective last sampling event to the second quarter 2014 in MW-17 (Screens 4 [18.0 µg/L to 17.0 µg/L]), MW-19 (Screen 4 [3.4J µg/L to 3.3J µg/L]), MW-21 (Screens 2 [2.9J µg/L to 2.8J µg/L] and 5 [1.7J µg/L to non-detect]), MW-25 (Screens 2 through 4 [15.0 µg/L to 14.0 µg/L, 12.0 µg/L to 11.0 µg/L and 10.0 µg/L to 8.5 µg/L, respectively]) and MW-26 (Screen 2 [2.6J µg/L to 2.3J µg/L]).
- The perchlorate concentration of 17.0 µg/L in MW-17 (Screen 4) is the fifth detection above the state MCL (6.0 µg/L) since the first quarter 2013. From the third quarter 2002 to the first quarter 2013, the perchlorate concentrations in MW-17 (Screen 4) had been either non-detect or below the state MCL (6.0 µg/L) with only one detection that exceeded the state MCL (second quarter 2003 [6.5 µg/L]). The perchlorate detection of 15.0 µg/L MW-17 (Screen 5) is the second detection above the state MCL (6.0) since the second quarter 2002. From the third quarter 2002 to the fourth quarter 2013, the perchlorate detection in MW-17 (Screen 5) had been either non-detect or below the state MCL (6.0 µg/L). MW-17 is located within the capture zone of the LAWC treatment system.
- The detection of 12.0 µg/L in MW-21 (Screen 1) is the third detection above the MCL in this screen interval since a detection of 7.3 µg/L during the fourth quarter 2004. This well is located cross-gradient to JPL and is representative of groundwater from the La Cañada Flintridge area to the northwest of JPL.
- Concentrations of perchlorate were not detected in MW-17 (Screens 1 and 2), MW-18 (Screens 2 and 5), MW-19 (Screen 1), MW-20 (Screens 1, 3, 4 and 5), MW-21 (Screen 5) and MW-25 (Screen 5) with a reporting limit of 4.0 µg/L.

VOC ANALYTICAL RESULTS

- During the second quarter 2014, carbon tetrachloride was detected above the state MCL (0.5 µg/L) in MW-17 (Screens 4 [0.8 µg/L] and 5 [1.0 µg/L]) and MW-18 (Screens 3 [7.2 µg/L] and 4 [1.4 µg/L]). No other carbon tetrachloride detections occurred in the off facility wells during the second quarter 2014. The detection of 0.8 µg/L in MW-17 (Screen 4) is the fourth detection above the state MCL (0.5 µg/L) in this well screen interval since it was first analyzed for carbon tetrachloride in 1996. The detection of 1.0 µg/L in MW-17 (Screen 5) is the only detection above the state MCL (0.5 µg/L) in this well screen interval since it was first analyzed for carbon tetrachloride in 1996. Since the first quarter 2005, the carbon tetrachloride concentrations in MW-18 (Screen 3) have exceeded the state MCL (0.5 µg/L). Carbon tetrachloride detections in MW-18 (Screen 4) have exceeded the state MCL (0.5 µg/L) since the third quarter 1996 with one exception (non-detect [fourth quarter 2010]). MW-17 and MW-18 are located in the capture zone of the LAWC treatment system.
- During the second quarter 2014, TCE was detected in MW-17 (Screens 3 through 5), MW-18 (Screens 3 and 4), MW-19 (Screens 2, 4 and 5), MW-20 (Screens 2 and 3), MW-21 (Screens 1 through 4), MW-25 (Screens 1 through 3) and MW-26 (Screens 1 and 2); however, no detections exceeded the state and federal MCL (5.0 µg/L).
- During the second quarter 2014, PCE was detected in MW-17 (Screens 3 through 5), MW-18 (Screens 3 and 4), MW-19 (Screens 2 through 5), MW-20 (Screen 3), MW-21 (Screens 1 through 5), MW-25 (Screen 3) and MW-26 (Screens 1 and 2); however, no detections exceeded the state and federal MCL (5.0 µg/L).

OTHER NOTABLE ANALYTICAL RESULTS

- During the second quarter 2014, Cr(VI)[2] was detected below the state MCL of 50.0 µg/L in MW-17 (Screens 3 [2.0J µg/L] and 4 [2.0 µg/L]), MW-18 (Screens 3 [2.0 µg/L] and 4 [2.0 µg/L]), MW-19 (Screens 2 through 4 [1.0J µg/L, 2.0J µg/L and 1.0J µg/L, respectively]), MW-20 (Screen 2 [1.0J]) and MW-25 (Screens 2 through 4 [2.0J µg/L, 3.0 µg/L and 1.0J µg/L, respectively]).
- During the second quarter 2014, total chromium was detected below the state MCL of 50.0 µg/L in MW-17 (Screens 3 through 5 [1.2J µg/L, 2.5J µg/L and 1.5J µg/L, respectively]), MW-18 (Screen 4 [3.4 µg/L]), MW-19 (Screens 4 and [2.6J µg/L] and 5 [1.4J µg/L]), MW-21 (Screens 1[1.6J µg/L], 4 [1.2J µg/L] and 5 [1.2J µg/L]) MW-25 (Screens 1 through 4 [1.5J µg/L, 2.8J µg/L, 2.7J µg/L and 1.4J µg/L, respectively]) and MW-26 (Screen 2 [5.0 µg/L]).

ALL WELL CATEGORIES (OTHER RESULTS)

- Comparing the first quarter 2014 to the second quarter 2014, groundwater elevations increased by an average of approximately 5.25 ft.
- Groundwater level measurements collected during the second quarter 2014 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


MW-1
MW-7
MW-16
MW-24
MW-11
MW-15
MW-9
MW-22
MW-8
MW-12
MW-6
MW-13
MW-18
MW-14
MW-3
MW-2
MW-23
MW-4
ARROYO WELL
MW-10
MW-5
WELL 52
MW-17
LAWC#3
MW-21
VENTURA WELL
LAWC#5
WINDSOR WELL
MW-19
MW-20
RCL&W#7
RCL&W#4
LFWC#2
MW-26
MW-25
BANGHAM
COPELIN
SUNSET
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
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
TIDEWATER INC
ENGINEERS / SCIENTISTS / PROGRAM MANAGERS
Locations of JPL Groundwater Monitoring Wells and Nearby Municipal Production Wells
JPL — PASADENA, CA
JPL_CONTAM_1Q14.CDR
4/14

Figure 1.

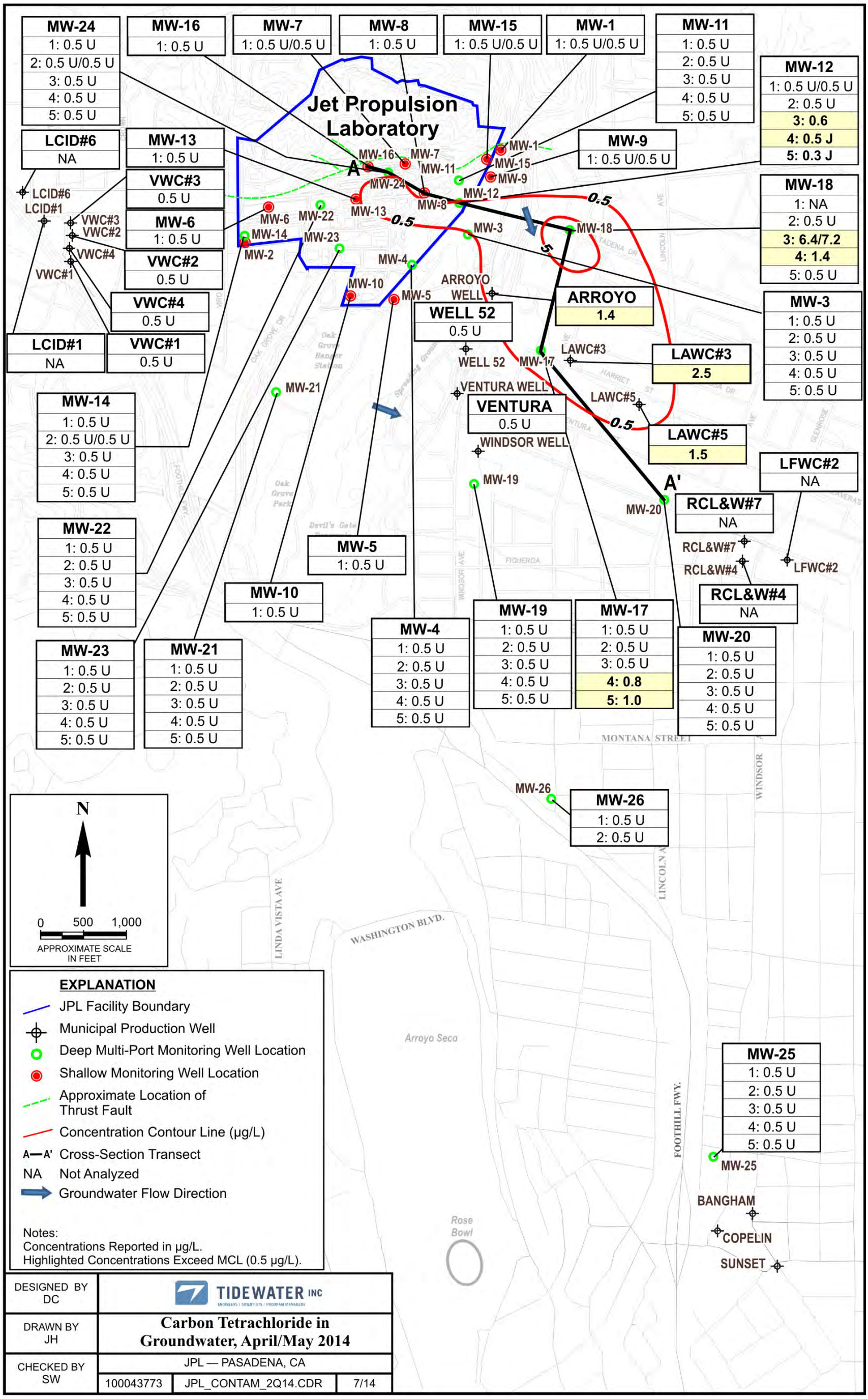
Jet Propulsion Laboratory
MW-24
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-16
1: 0.5 U
MW-7
1: 0.5 U/0.5 U
MW-8
1: 0.5 U
MW-15
1: 0.5 U/0.5 U
MW-1
1: 0.5 U/0.5 U
MW-11
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-12
1: 0.5 U/0.5 U
2: 0.5 U
3: 0.6
4: 0.5 J
5: 0.3 J
MW-18
1: NA
2: 0.5 U
3: 6.4/7.2
4: 1.4
5: 0.5 U
MW-3
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-9
1: 0.5 U/0.5 U
LCID#6
NA
MW-13
1: 0.5 U
VWC#3
0.5 U
MW-6
1: 0.5 U
VWC#2
0.5 U
VWC#4
0.5 U
VWC#1
0.5 U
LCID#1
NA
MW-14
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-22
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-23
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-21
1: 0.5 U
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
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
WELL 52
0.5 U
ARROYO
1.4
VENTURA
0.5 U
LAWC#3
2.5
LAWC#5
1.5
LFWC#2
NA
RCL&W#7
NA
RCL&W#4
NA
MW-19
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-17
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.8
5: 1.0
MW-20
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-26
1: 0.5 U
2: 0.5 U
MW-25
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
A
A'
0.5
5
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 DC
DRAWN BY JH
CHECKED BY SW
TIDEWATER INC
Carbon Tetrachloride in Groundwater, April/May 2014
JPL — PASADENA, CA
100043773
JPL_CONTAM_2Q14.CDR
7/14
MONTANA STREET
WASHINGTON BLVD.
LINDA VISTA AVE
FOOTHILL FWY.
Arroyo Seco
Rose Bowl
BANGHAM
COPELIN
SUNSET

Figure 2.

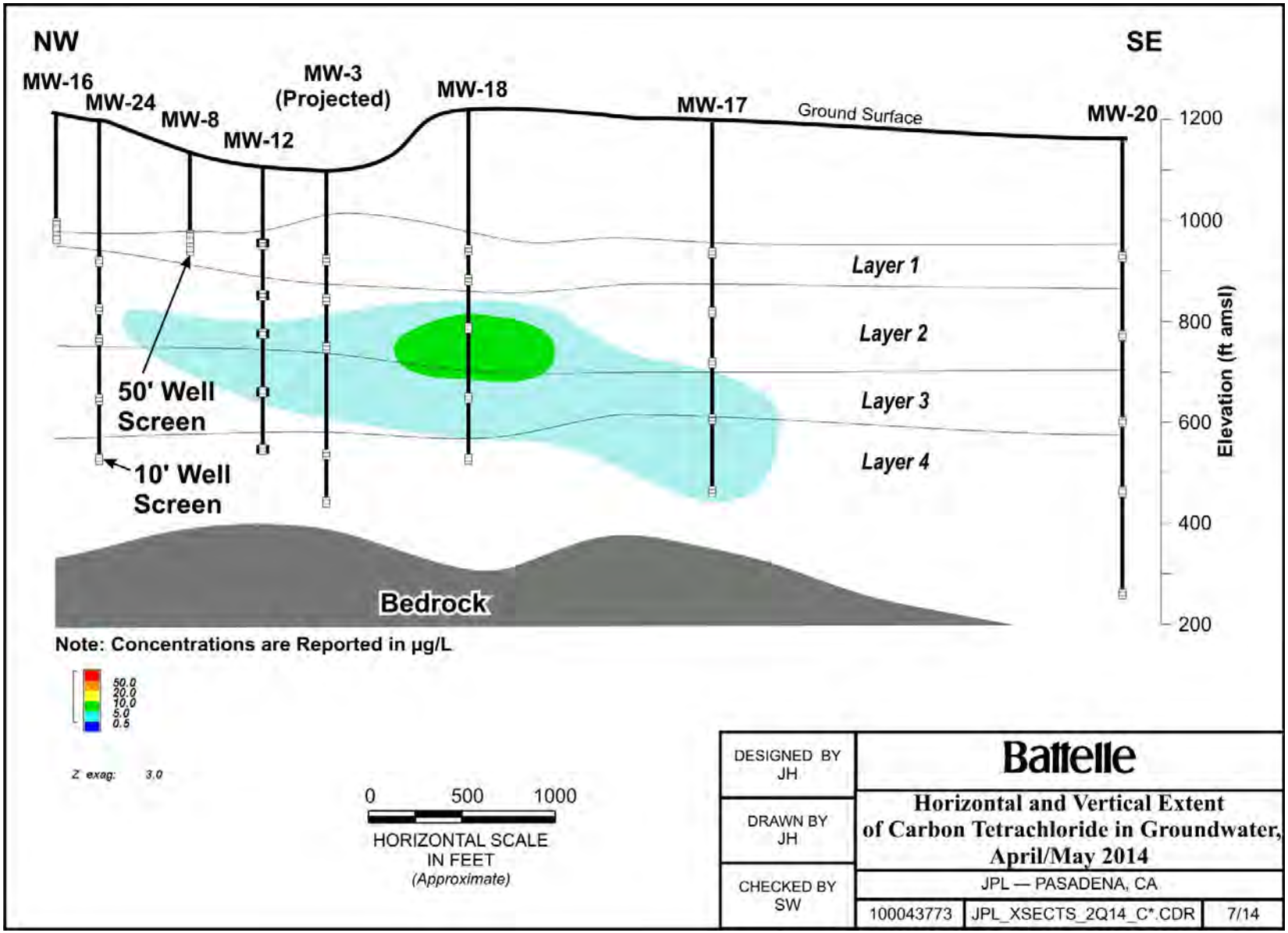
NW
SE
MW-16
MW-24
MW-8
MW-12
MW-3
(Projected)
MW-18
MW-17
Ground Surface
MW-20
1200
1000
800
600
400
200
Elevation (ft amsl)
Layer 1
Layer 2
Layer 3
Layer 4
50' Well
Screen
10' Well
Screen
Bedrock
Note: Concentrations are Reported in µg/L
50.0
20.0
10.0
5.0
0.5
Z exag: 3.0
0
500
1000
HORIZONTAL SCALE
IN FEET
(Approximate)
DESIGNED BY
JH
DRAWN BY
JH
CHECKED BY
SW
Battelle
Horizontal and Vertical Extent
of Carbon Tetrachloride in Groundwater,
April/May 2014
JPL — PASADENA, CA
100043773
JPL_XSECTS_2Q14_C*.CDR
7/14

Figure 3.

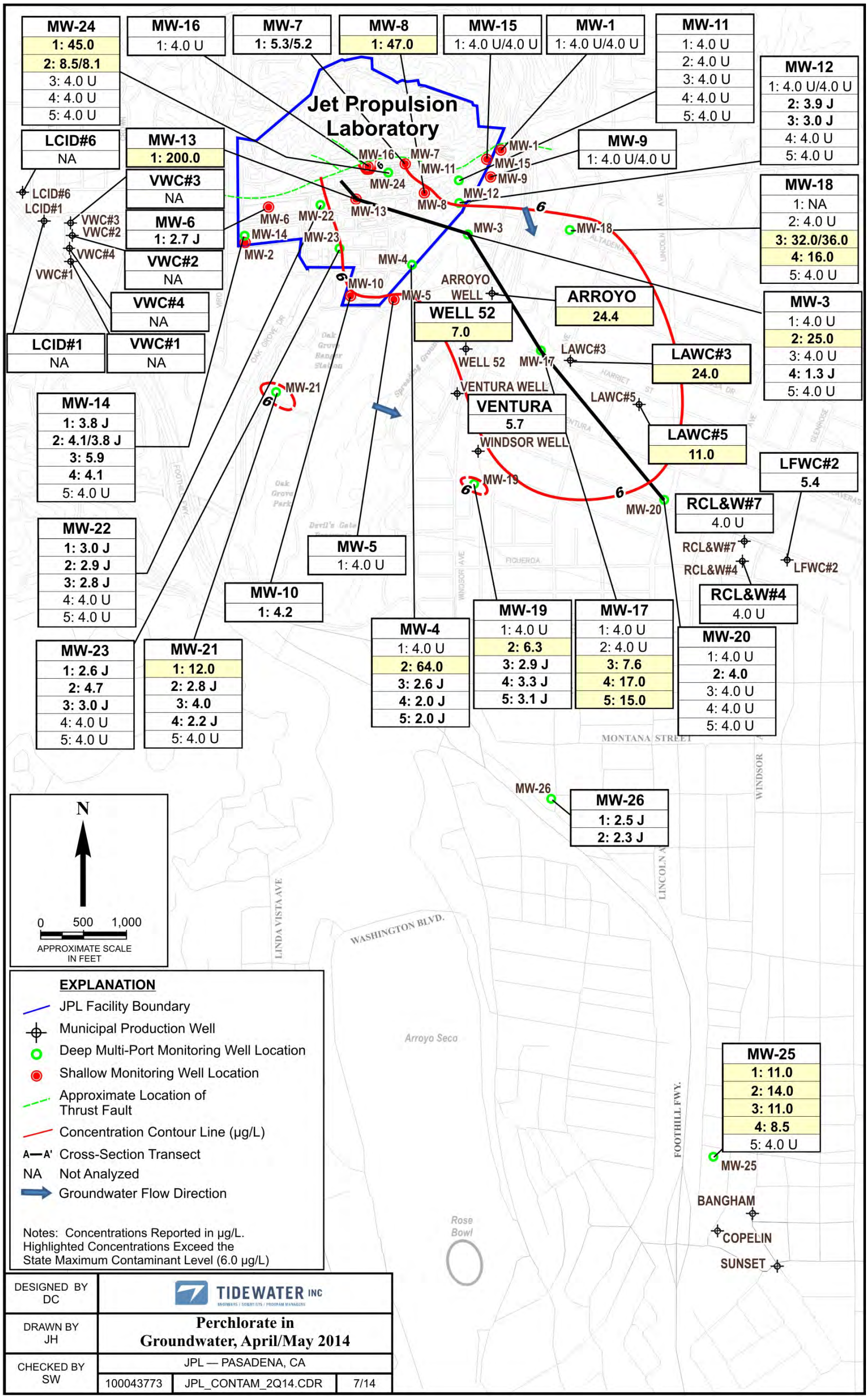
Jet Propulsion Laboratory
MW-24
1: 45.0
2: 8.5/8.1
3: 4.0 U
4: 4.0 U
5: 4.0 U
MW-16
1: 4.0 U
MW-7
1: 5.3/5.2
MW-8
1: 47.0
MW-15
1: 4.0 U/4.0 U
MW-1
1: 4.0 U/4.0 U
MW-11
1: 4.0 U
2: 4.0 U
3: 4.0 U
4: 4.0 U
5: 4.0 U
MW-12
1: 4.0 U/4.0 U
2: 3.9 J
3: 3.0 J
4: 4.0 U
5: 4.0 U
MW-9
1: 4.0 U/4.0 U
MW-18
1: NA
2: 4.0 U
3: 32.0/36.0
4: 16.0
5: 4.0 U
LCID#6
NA
MW-13
1: 200.0
VWC#3
NA
MW-6
1: 2.7 J
VWC#2
NA
VWC#4
NA
VWC#1
NA
LCID#1
NA
MW-14
1: 3.8 J
2: 4.1/3.8 J
3: 5.9
4: 4.1
5: 4.0 U
MW-22
1: 3.0 J
2: 2.9 J
3: 2.8 J
4: 4.0 U
5: 4.0 U
MW-23
1: 2.6 J
2: 4.7
3: 3.0 J
4: 4.0 U
5: 4.0 U
MW-21
1: 12.0
2: 2.8 J
3: 4.0
4: 2.2 J
5: 4.0 U
MW-10
1: 4.2
MW-5
1: 4.0 U
MW-4
1: 4.0 U
2: 64.0
3: 2.6 J
4: 2.0 J
5: 2.0 J
MW-19
1: 4.0 U
2: 6.3
3: 2.9 J
4: 3.3 J
5: 3.1 J
MW-17
1: 4.0 U
2: 4.0 U
3: 7.6
4: 17.0
5: 15.0
MW-20
1: 4.0 U
2: 4.0
3: 4.0 U
4: 4.0 U
5: 4.0 U
MW-3
1: 4.0 U
2: 25.0
3: 4.0 U
4: 1.3 J
5: 4.0 U
ARROYO WELL
24.4
WELL 52
7.0
VENTURA WELL
5.7
WINDSOR WELL
LAWC#3
24.0
LAWC#5
11.0
LFWC#2
5.4
RCL&W#7
4.0 U
RCL&W#4
4.0 U
MW-26
1: 2.5 J
2: 2.3 J
MW-25
1: 11.0
2: 14.0
3: 11.0
4: 8.5
5: 4.0 U
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 DC
TIDEWATER INC
DRAWN BY JH
Perchlorate in Groundwater, April/May 2014
CHECKED BY SW
JPL — PASADENA, CA
100043773
JPL_CONTAM_2Q14.CDR
7/14
MONTANA STREET
WASHINGTON BLVD.
LINDA VISTA AVE
FOOTHILL FWY.
WINDSOR AVE
LINCOLN AVE
Arroyo Seco
Rose Bowl
BANGHAM
COPELIN
SUNSET

Figure 4.

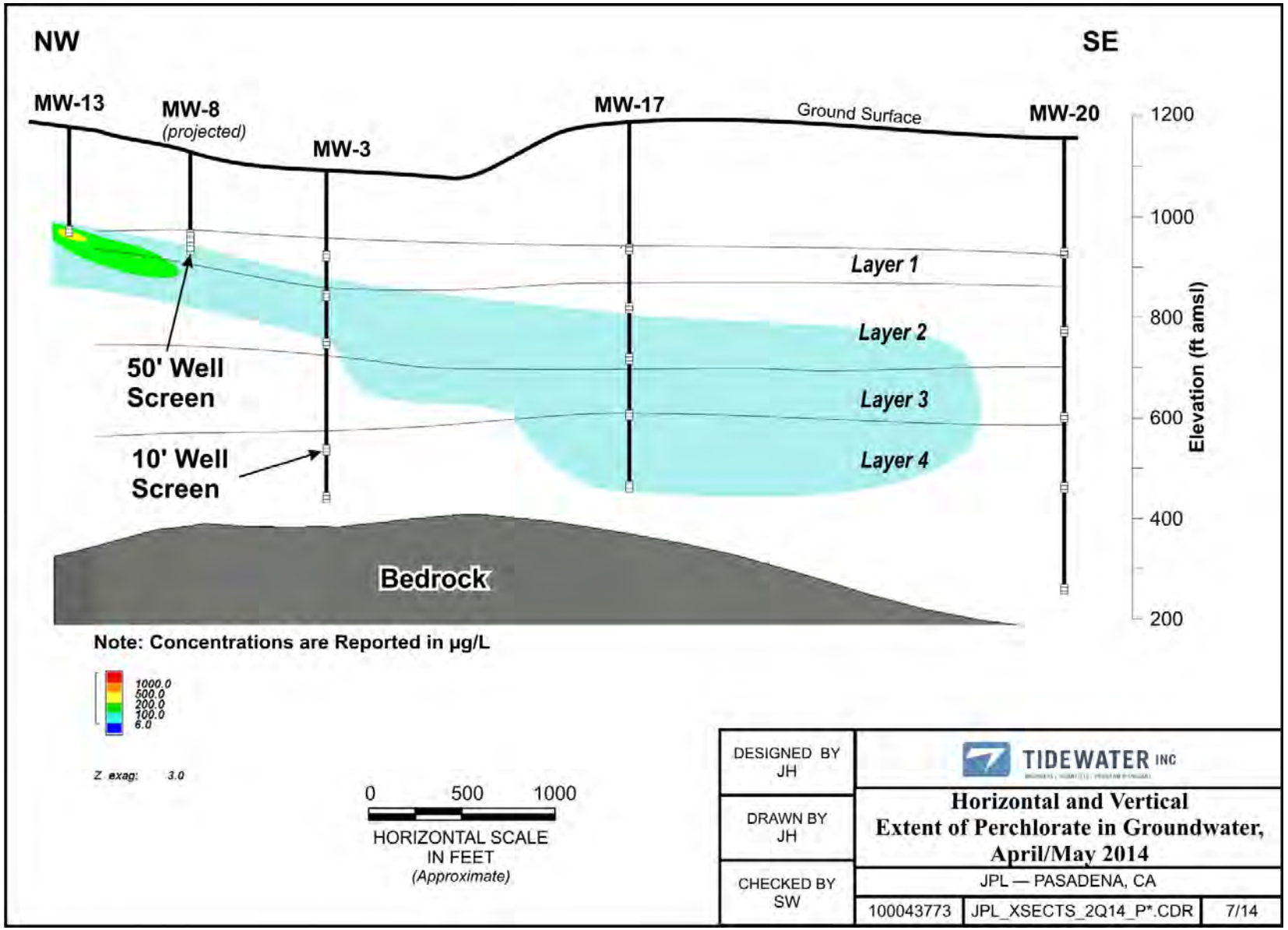
NW
SE
MW-13
MW-8
(projected)
MW-3
MW-17
Ground Surface
MW-20
1200
1000
800
600
400
200
Elevation (ft amsl)
Layer 1
Layer 2
Layer 3
Layer 4
50' Well
Screen
10' Well
Screen
Bedrock
Note: Concentrations are Reported in µg/L
1000.0
500.0
200.0
100.0
6.0
Z exag: 3.0
0
500
1000
HORIZONTAL SCALE
IN FEET
(Approximate)
DESIGNED BY
JH
DRAWN BY
JH
CHECKED BY
SW
TIDEWATER INC
Horizontal and Vertical
Extent of Perchlorate in Groundwater,
April/May 2014
JPL — PASADENA, CA
100043773
JPL_XSECTS_2Q14_P*.CDR
7/14

Figure 5.

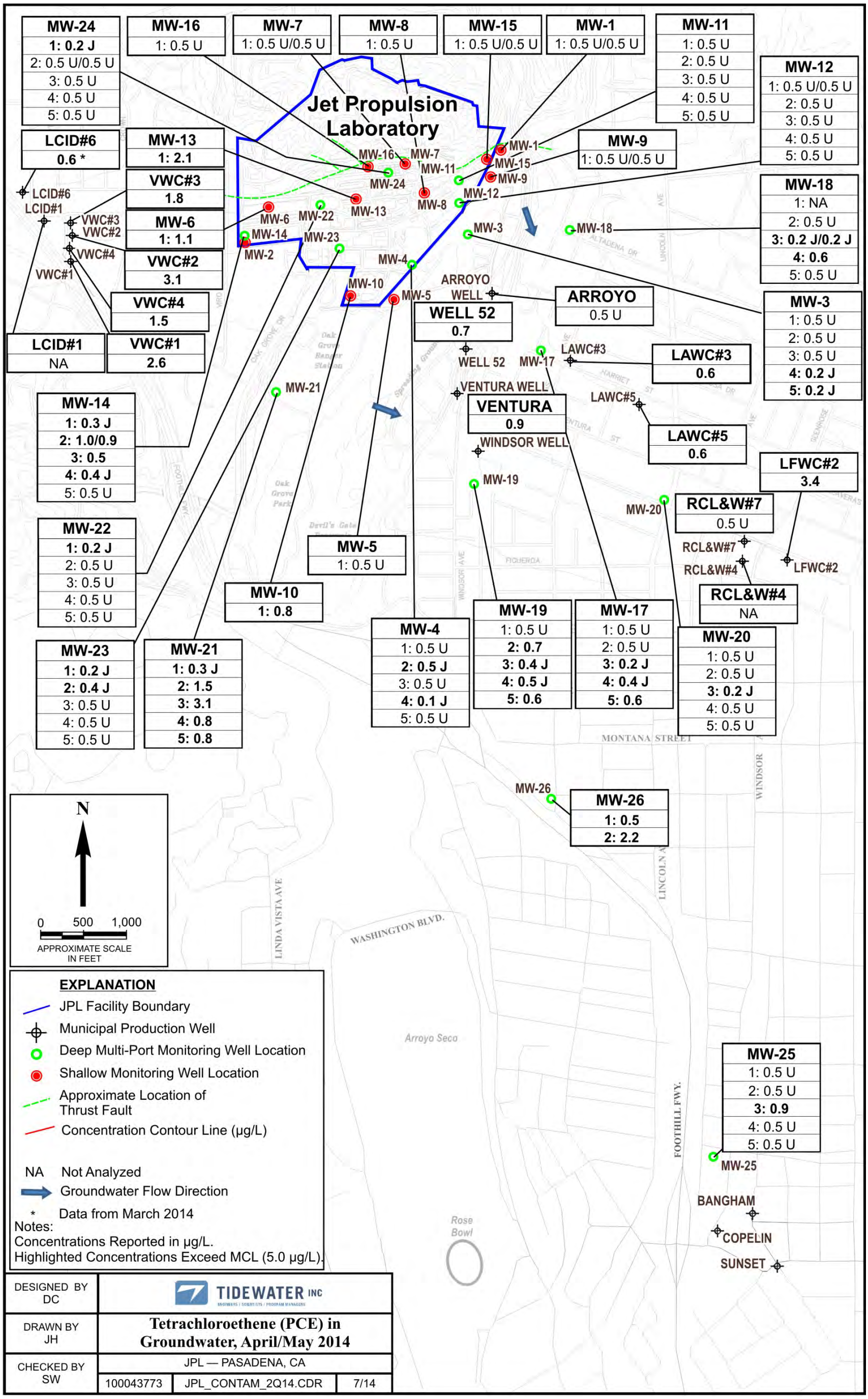
Jet Propulsion Laboratory
MW-24
1: 0.2 J
2: 0.5 U/0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-16
1: 0.5 U
MW-7
1: 0.5 U/0.5 U
MW-8
1: 0.5 U
MW-15
1: 0.5 U/0.5 U
MW-1
1: 0.5 U/0.5 U
MW-11
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-12
1: 0.5 U/0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-9
1: 0.5 U/0.5 U
LCID#6
0.6 *
MW-13
1: 2.1
VWC#3
1.8
MW-6
1: 1.1
VWC#2
3.1
VWC#4
1.5
VWC#1
2.6
LCID#1
NA
MW-18
1: NA
2: 0.5 U
3: 0.2 J/0.2 J
4: 0.6
5: 0.5 U
MW-3
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.2 J
5: 0.2 J
ARROYO
0.5 U
WELL 52
0.7
LAWC#3
0.6
VENTURA
0.9
LAWC#5
0.6
LFWC#2
3.4
RCL&W#7
0.5 U
RCL&W#4
NA
MW-14
1: 0.3 J
2: 1.0/0.9
3: 0.5
4: 0.4 J
5: 0.5 U
MW-22
1: 0.2 J
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-5
1: 0.5 U
MW-10
1: 0.8
MW-4
1: 0.5 U
2: 0.5 J
3: 0.5 U
4: 0.1 J
5: 0.5 U
MW-19
1: 0.5 U
2: 0.7
3: 0.4 J
4: 0.5 J
5: 0.6
MW-17
1: 0.5 U
2: 0.5 U
3: 0.2 J
4: 0.4 J
5: 0.6
MW-20
1: 0.5 U
2: 0.5 U
3: 0.2 J
4: 0.5 U
5: 0.5 U
MW-23
1: 0.2 J
2: 0.4 J
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-21
1: 0.3 J
2: 1.5
3: 3.1
4: 0.8
5: 0.8
MW-26
1: 0.5
2: 2.2
MW-25
1: 0.5 U
2: 0.5 U
3: 0.9
4: 0.5 U
5: 0.5 U
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 March 2014
Notes:
Concentrations Reported in µg/L.
Highlighted Concentrations Exceed MCL (5.0 µg/L).
DESIGNED BY DC
TIDEWATER INC
DRAWN BY JH
Tetrachloroethene (PCE) in Groundwater, April/May 2014
CHECKED BY SW
JPL — PASADENA, CA
100043773
JPL_CONTAM_2Q14.CDR
7/14

Figure 6.

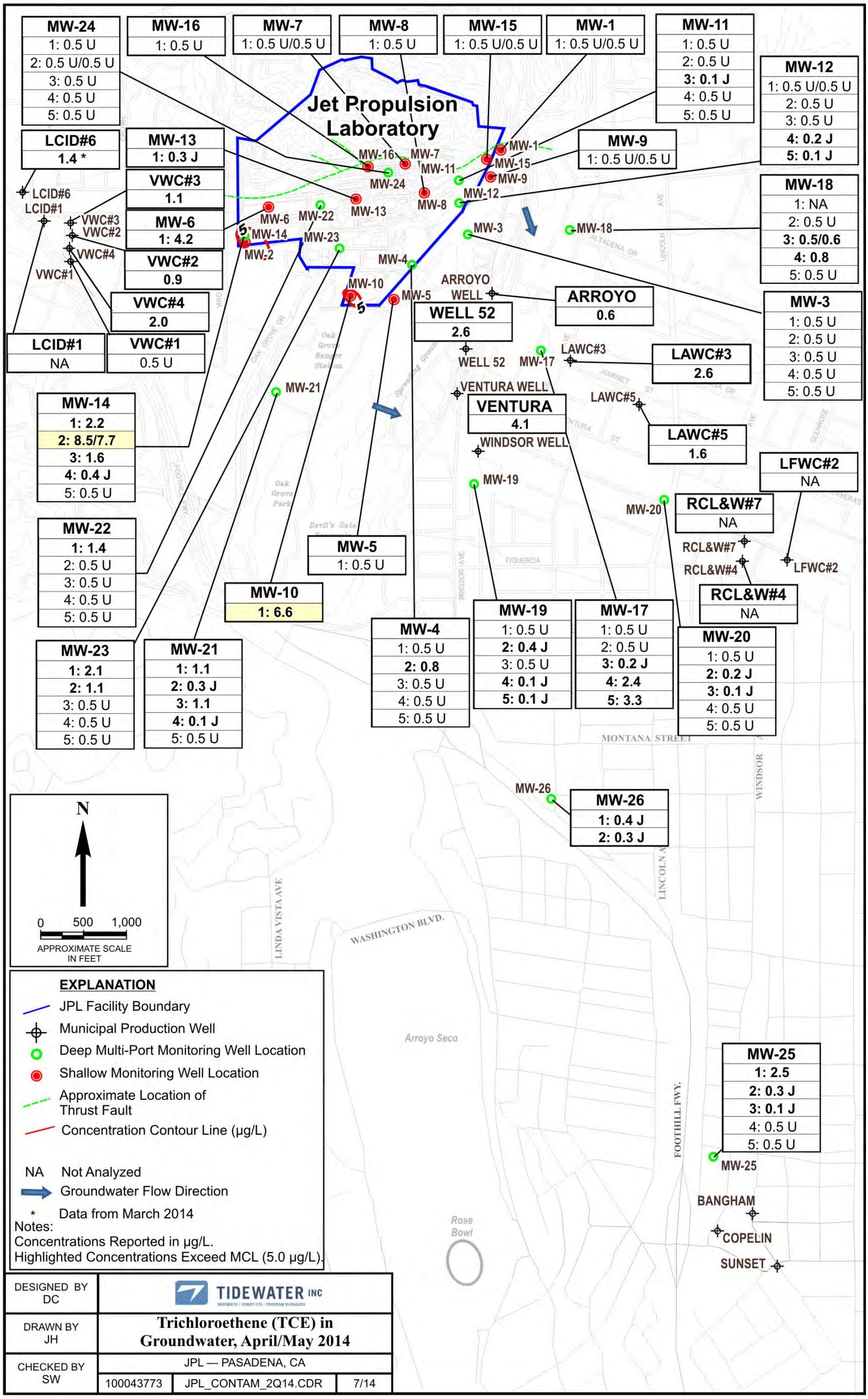
Jet Propulsion Laboratory
MW-24
1: 0.5 U
2: 0.5 U/0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-16
1: 0.5 U
MW-7
1: 0.5 U/0.5 U
MW-8
1: 0.5 U
MW-15
1: 0.5 U/0.5 U
MW-1
1: 0.5 U/0.5 U
MW-11
1: 0.5 U
2: 0.5 U
3: 0.1 J
4: 0.5 U
5: 0.5 U
MW-12
1: 0.5 U/0.5 U
2: 0.5 U
3: 0.5 U
4: 0.2 J
5: 0.1 J
MW-9
1: 0.5 U/0.5 U
MW-18
1: NA
2: 0.5 U
3: 0.5/0.6
4: 0.8
5: 0.5 U
MW-3
1: 0.5 U
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
LCID#6
1.4 *
MW-13
1: 0.3 J
VWC#3
1.1
MW-6
1: 4.2
VWC#2
0.9
VWC#4
2.0
LCID#1
NA
VWC#1
0.5 U
ARROYO
0.6
WELL 52
2.6
LAWC#3
2.6
VENTURA
4.1
LAWC#5
1.6
LFWC#2
NA
RCL&W#7
NA
RCL&W#4
NA
MW-14
1: 2.2
2: 8.5/7.7
3: 1.6
4: 0.4 J
5: 0.5 U
MW-22
1: 1.4
2: 0.5 U
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-23
1: 2.1
2: 1.1
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-21
1: 1.1
2: 0.3 J
3: 1.1
4: 0.1 J
5: 0.5 U
MW-10
1: 6.6
MW-5
1: 0.5 U
MW-4
1: 0.5 U
2: 0.8
3: 0.5 U
4: 0.5 U
5: 0.5 U
MW-19
1: 0.5 U
2: 0.4 J
3: 0.5 U
4: 0.1 J
5: 0.1 J
MW-17
1: 0.5 U
2: 0.5 U
3: 0.2 J
4: 2.4
5: 3.3
MW-20
1: 0.5 U
2: 0.2 J
3: 0.1 J
4: 0.5 U
5: 0.5 U
MW-26
1: 0.4 J
2: 0.3 J
MW-25
1: 2.5
2: 0.3 J
3: 0.1 J
4: 0.5 U
5: 0.5 U
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
MW-6
MW-14
MW-2
MW-22
MW-23
MW-13
MW-24
MW-16
MW-7
MW-11
MW-1
MW-15
MW-9
MW-8
MW-12
MW-3
MW-18
MW-4
MW-10
MW-5
ARROYO WELL
WELL 52
MW-17
LAWC#3
VENTURA WELL
LAWC#5
WINDSOR WELL
MW-19
MW-20
RCL&W#7
RCL&W#4
LFWC#2
MW-21
MW-26
MW-25
BANGHAM
COPELIN
SUNSET
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 March 2014
Notes:
Concentrations Reported in µg/L.
Highlighted Concentrations Exceed MCL (5.0 µg/L).
DESIGNED BY DC
TIDEWATER INC
DRAWN BY JH
Trichloroethene (TCE) in Groundwater, April/May 2014
CHECKED BY SW
JPL — PASADENA, CA
100043773
JPL_CONTAM_2Q14.CDR
7/14
MONTANA STREET
WASHINGTON BLVD.
FOOTHILL FWY.
LINDA VISTA AVE
WINDSOR AVE
LINCOLN AVE
FIGUEROA
ALTADENA DR
HARRIET ST
VENTURA ST
Arroyo Seco
Rose Bowl
Oak Grove Park
Oak Grove Ranger Station
Devil's Gate

Figure 7.

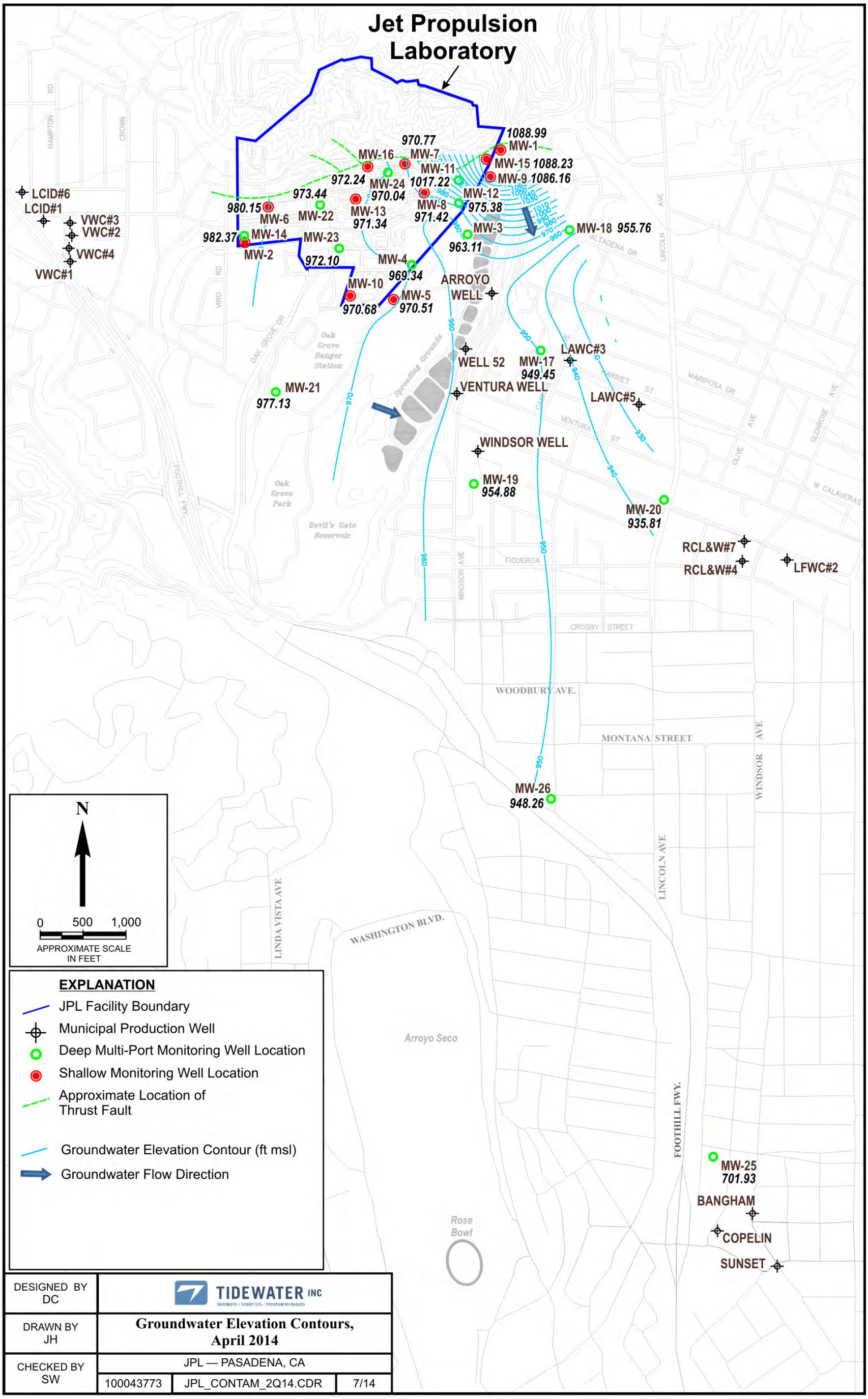
Jet Propulsion Laboratory
1088.99
MW-1
970.77
MW-16
MW-7
MW-11
MW-15 1088.23
MW-9 1086.16
972.24
MW-24
1017.22
973.44
970.04
MW-12
980.15
MW-6
MW-22
MW-13
MW-8
975.38
971.34
971.42
MW-3
MW-18 955.76
982.37
MW-14
MW-23
963.11
MW-2
972.10
MW-4
969.34
ARROYO WELL
MW-10
MW-5
970.68
970.51
WELL 52
MW-17
949.45
LAWC#3
MW-21
977.13
VENTURA WELL
LAWC#5
WINDSOR WELL
MW-19
954.88
MW-20
935.81
RCL&W#7
RCL&W#4
LFWC#2
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
MW-26
948.26
MW-25
701.93
BANGHAM
COPELIN
SUNSET
Oak Grove Ranger Station
Spreading Grounds
Oak Grove Park
Devil's Gate Reservoir
Arroyo Seco
Rose Bowl
ALTADENA DR
MARIPOSA DR
HARRIET ST
VENTURA ST
W CALAVERAS
FIGUEROA
CROSBY STREET
WOODBURY AVE.
MONTANA STREET
WASHINGTON BLVD.
LINDA VISTA AVE
LINCOLN AVE
WINDSOR AVE
FOOTHILL FWY.
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
LINCOLN AVE
OLIVE AVE
GLENROSE 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
Groundwater Elevation Contour (ft msl)
Groundwater Flow Direction
DESIGNED BY DC
TIDEWATER INC
ENGINEERS / SCIENTISTS / PROGRAM MANAGERS
DRAWN BY JH
Groundwater Elevation Contours, April 2014
CHECKED BY SW
JPL — PASADENA, CA
100043773
JPL_CONTAM_2Q14.CDR
7/14

Figure 8.

TABLES

TABLE 1

SUMMARY OF VOLATILE ORGANIC COMPOUNDS AND PERCHLORATE DETECTED

DURING THE LAST FIVE 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 2013	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	4.0 U		
MW-1	Apr/May 2013	DUP-8-2Q13	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 U		
MW-1	Oct/Nov 2013	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	4.0 U		
MW-1	Apr/May 2014	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	4.0 U		
MW-1	Apr/May 2014	DUP-6-2Q14	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 U		
MW-3 Screen 1	Apr/May 2013	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	4.0 U		
MW-3 Screen 1	Oct/Nov 2013	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	4.0 U		
MW-3 Screen 1	Apr/May 2014	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	4.0 U		
MW-3 Screen 2	Apr/May 2013	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	4.0 U		
MW-3 Screen 2	Jul 2013	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	4.0 U		
MW-3 Screen 2	Jul 2013	DUPE-5-3Q13	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 U		
MW-3 Screen 2	Oct/Nov 2013	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	4.0 U		
MW-3 Screen 2	Jan/Feb 2014	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	**3.9 J**		
MW-3 Screen 2	Apr/May 2014	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 J**	**25.0**	**Bromodichloromethane**	**0.2 J**
MW-3 Screen 3	Apr/May 2013	MW-3-3	0.5 U	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 3	Jul 2013	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	4.0 U		
MW-3 Screen 3	Oct/Nov 2013	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	0.9 U		
MW-3 Screen 3	Jan/Feb 2014	MW-3-3	0.5 U	0.5 U	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 3	Jan/Feb 2014	DUPE-3-1Q14	0.5 U	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 3	Apr/May 2014	MW-3-3	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 4	Apr/May 2013	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	4.0 U		
MW-3 Screen 4	Jul 2013	MW-3-4	0.5 U	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 4	Oct/Nov 2013	MW-3-4	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.0 J**		
MW-3 Screen 4	Jan/Feb 2014	MW-3-4	0.5 U	0.5 U	**0.1 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 4	Apr/May 2014	MW-3-4	0.5 U	0.5 U	**0.2 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.3 J**		
MW-3 Screen 5	Apr/May 2013	MW-3-5	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 5	Oct/Nov 2013	MW-3-5	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-3 Screen 5	Apr/May 2014	MW-3-5	0.5 U	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-4 Screen 1	Apr/May 2013	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	4.0 U		
MW-4 Screen 1	Jul 2013	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	4.0 U		
MW-4 Screen 1	Oct/Nov 2013	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	4.0 U		
MW-4 Screen 1	Jan/Feb 2014	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	4.0 U		
MW-4 Screen 1	Apr/May 2014	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	4.0 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-4 Screen 2	Apr/May 2013	MW-4-2	0.5 U	**0.2 J**	**0.3 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**2.1**	**220.0**	**Bromodichloromethane** **Dibromochloromethane**	**1.7** **1.0**
MW-4 Screen 2	Jul 2013	MW-4-2	**0.2 J**	**1.1**	**1.7**	**0.5 J**	0.5 U	**0.2 J**	0.5 U	**3.8**	**250.0**	**Bromodichloromethane** **Dibromochloromethane**	**2.2** **1.1**
MW-4 Screen 2	Oct/Nov 2013	MW-4-2	0.5 U	**0.6**	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**1.7**	**210.0**	**Bromodichloromethane** **Dibromochloromethane**	**1.2** **0.6**
MW-4 Screen 2	Jan/Feb 2014	MW-4-2	0.5 U	**1.0**	**0.7**	**0.3 J**	0.5 U	0.5 U	0.5 U	**1.2**	**100.0**	**Bromodichloromethane** **Dibromochloromethane**	**0.7** **0.4 J**
MW-4 Screen 2	Apr/May 2014	MW-4-2	0.5 U	**0.8**	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.7**	**64.0**	**Bromodichloromethane** **Dibromochloromethane**	**0.4 J** **0.2 J**
MW-4 Screen 3	Apr/May 2013	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	4.0 U		
MW-4 Screen 3	Jul 2013	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	4.0 U		
MW-4 Screen 3	Oct/Nov 2013	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	**2.2 J**		
MW-4 Screen 3	Jan/Feb 2014	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	**1.4 J**		
MW-4 Screen 3	Jan/Feb 2014	DUP-1-1Q14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.7 J**		
MW-4 Screen 3	Apr/May 2014	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	**2.6 J**		
MW-4 Screen 4	Apr/May 2013	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	4.0 U		
MW-4 Screen 4	Oct/Nov 2013	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	4.0 U		
MW-4 Screen 4	Apr/May 2014	MW-4-4	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.0 J**		
MW-4 Screen 5	Apr/May 2013	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	4.0 U		
MW-4 Screen 5	Oct/Nov 2013	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	4.0 U	**Styrene**	**0.1 J**
MW-4 Screen 5	Apr/May 2014	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	**2.0 J**	**Styrene**	**0.1 J**
MW-5	Apr/May 2013	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	4.0 U		
MW-5	Jul 2013	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	4.0 U		
MW-5	Oct/Nov 2013	MW-5	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	**1.5 J**		
MW-5	Jan/Feb 2014	MW-5	0.5 U	**3.6**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	**10.0**		
MW-5	Jan/Feb 2014	DUPE-6-1Q14	0.5 U	**3.2**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	**9.7**		
MW-5	Apr/May 2014	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	4.0 U		
MW-6	Apr/May 2013	MW-6	0.5 U	**4.1**	**1.2**	**0.3 J**	0.5 U	**0.3 J**	0.5 U	**0.7**	**3.2 J**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.1 J** **0.2 J**
MW-6	Apr/May 2013	DUP-7-2Q13	0.5 U	**4.0**	**1.2**	**0.3 J**	0.5 U	**0.3 J**	0.5 U	**0.8**	**3.5 J**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.1 J** **0.2 J**
MW-6	Jul 2013	MW-6	0.5 U	**4.4**	**1.3**	**0.3 J**	0.5 U	**0.3 J**	0.5 U	**0.8**	**3.5 J**	**trans-1,2-Dichloroethene**	**0.2 J**
MW-6	Oct/Nov 2013	MW-6	0.5 U	**4.3**	**1.3**	**0.3 J**	0.5 U	**0.3 J**	0.5 U	**0.8**	**3.3 J**	**trans-1,2-Dichloroethene**	**0.3 J**
MW-6	Jan/Feb 2014	MW-6	0.5 U	**4.2**	**1.1**	**0.3 J**	0.5 U	**0.2 J**	0.5 U	**0.8**	**2.9 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-6	Apr/May 2014	MW-6	0.5 U	**4.2**	**1.1**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.7**	**2.7 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-7	Apr/May 2013	MW-7	**1.0**	**0.1 J**	**1.9**	0.5 U	0.5 U	**0.2 J**	0.5 U	**9.5**	**260.0**	**Bromodichloromethane**	**2.9**
MW-7	Apr/May 2013	DUP-6-2Q13	**1.0**	**0.1 J**	**1.9**	0.5 U	0.5 U	**0.2 J**	0.5 U	**9.8**	**260.0**	**Bromodichloromethane**	**3.0**
MW-7	Jul 2013	MW-7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.4**	**4.0**	**Bromodichloromethane**	**0.9**

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-7	Oct/Nov 2013	MW-7	0.5 U	0.5 U	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**8.7**	**6.1**	**Bromodichloromethane** **Dibromochloromethane**	**1.9** **0.7**
MW-7	Jan/Feb 2014	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**	**2.4 J**	**Bromodichloromethane**	**0.4 J**
MW-7	Jan/Feb 2014	DUPE-5-1Q14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**11.0**	**2.0 J**	**Bromodichloromethane**	**0.4 J**
MW-7	Apr/May 2014	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**	**5.3**	**Bromodichloromethane**	**0.4 J**
MW-7	Apr/May 2014	DUP-8-2Q14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.9**	**5.2**	**Bromodichloromethane**	**0.4 J**
MW-8	Apr/May 2013	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	4.0 U	**Trichlorofluoromethane**	**0.6**
MW-8	Jul 2013	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	4.0 U	**Trichlorofluoromethane**	**0.7**
MW-8	Oct/Nov 2013	MW-8	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	**71.0**	**Bromodichloromethane** **Dibromochloromethane** **Trichlorofluoromethane**	**0.9** **0.5** **0.3 J**
MW-8	Oct/Nov 2013	DUPE-5-4Q13	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	**71.0**	**Bromodichloromethane** **Dibromochloromethane** **Trichlorofluoromethane**	**0.9** **0.6** **0.3 J**
MW-8	Jan/Feb 2014	MW-8	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.1**	**93.0**	**Bromodichloromethane** **Dibromochloromethane** **Trichlorofluoromethane**	**2.6** **0.6** **0.2 J**
MW-8	Jan/Feb 2014	DUPE-7-1Q14	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.3**	**94.0**	**Bromodichloromethane** **Dibromochloromethane** **Trichlorofluoromethane**	**2.7** **0.6** **0.1 J**
MW-8	Apr/May 2014	MW-8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**47.0**	**Trichlorofluoromethane**	**0.2 J**
MW-9	Apr/May 2013	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	4.0 U		
MW-9	Apr/May 2014	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	4.0 U		
MW-9	Apr/May 2014	DUP-5-2Q14	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 U		
MW-10	Apr/May 2013	MW-10	0.5 U	**7.4**	**0.8**	**0.2 J**	0.5 U	0.5 U	0.5 U	**1.1**	**8.2**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-10	Jul 2013	MW-10	0.5 U	**9.8**	**1.0**	**0.2 J**	0.5 U	0.5 U	0.5 U	**1.2**	**9.0**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.1 J** **0.3 J**
MW-10	Oct/Nov 2013	MW-10	0.5 U	**8.0**	**0.9**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.9**	**6.4**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.2 J** **0.2 J**
MW-10	Oct/Nov 2013	DUPE-8-4Q13	0.5 U	**8.1**	**0.9**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.9**	**6.4**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.2 J** **0.3 J**
MW-10	Jan/Feb 2014	MW-10	0.5 U	**6.6**	**0.8**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.7**	**3.4 J**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-10	Apr/May 2014	MW-10	0.5 U	**6.6**	**0.8**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.7**	**4.2**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.2 J** **0.2 J**
MW-11 Screen 1	Apr/May 2013	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	4.0 U		
MW-11 Screen 1	Apr/May 2013	DUP-5-2Q13	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 U		
MW-11 Screen 1	Jul 2013	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	4.0 U		
MW-11 Screen 1	Oct/Nov 2013	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	4.0 U	**Styrene**	**0.1 J**
MW-11 Screen 1	Jan/Feb 2014	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	4.0 U	**Styrene**	**0.1 J**
MW-11 Screen 1	Apr/May 2014	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	4.0 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 2013	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	4.0 U		
MW-11 Screen 2	Jul 2013	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	4.0 U		
MW-11 Screen 2	Jul 2013	DUPE-6-3Q13	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 U		
MW-11 Screen 2	Oct/Nov 2013	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	4.0 U		
MW-11 Screen 2	Jan/Feb 2014	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	4.0 U		
MW-11 Screen 2	Apr/May 2014	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	4.0 U		
MW-11 Screen 3	Apr/May 2013	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	4.0 U	**Styrene**	**0.1 J**
MW-11 Screen 3	Jul 2013	MW-11-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	4.0 U	**Styrene**	**0.1 J**
MW-11 Screen 3	Oct/Nov 2013	MW-11-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Styrene**	**0.1 J**
MW-11 Screen 3	Jan/Feb 2014	MW-11-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 3	Apr/May 2014	MW-11-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Styrene**	**0.1 J**
MW-11 Screen 4	Apr/May 2013	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	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 4	Jul 2013	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	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 4	Oct/Nov 2013	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	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 4	Jan/Feb 2014	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	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 4	Apr/May 2014	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	4.0 U	**Carbon disulfide** **Styrene**	**0.4 J** **0.2 J**
MW-11 Screen 5	Apr/May 2013	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	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 5	Oct/Nov 2013	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	4.0 U	**Styrene**	**0.2 J**
MW-11 Screen 5	Apr/May 2014	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	4.0 U	**Styrene**	**0.1 J**
MW-12 Screen 1	Apr/May 2013	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	4.0 U		
MW-12 Screen 1	Jul 2013	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	4.0 U		
MW-12 Screen 1	Oct/Nov 2013	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	4.0 U	**Trichlorofluoromethane**	**0.2 J**
MW-12 Screen 1	Jan/Feb 2014	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	4.0 U	**Trichlorofluoromethane**	**0.3 J**
MW-12 Screen 1	Apr/May 2014	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	4.0 U	**Trichlorofluoromethane**	**0.2 J**
MW-12 Screen 1	Apr/May 2014	DUP-4-2Q14	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 U	**Trichlorofluoromethane**	**0.2 J**
MW-12 Screen 2	Apr/May 2013	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	**8.5**		
MW-12 Screen 2	Apr/May 2013	DUP-4-2Q13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**8.7**	**Trichlorofluoromethane**	**0.2 J**
MW-12 Screen 2	Jul 2013	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	**7.2**	**Styrene**	**0.1 J**
MW-12 Screen 2	Oct/Nov 2013	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	**5.6**		
MW-12 Screen 2	Jan/Feb 2014	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	**4.2**		
MW-12 Screen 2	Apr/May 2014	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	**3.9 J**		
MW-12 Screen 3	Apr/May 2013	MW-12-3	**0.5**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	4.0 U		
MW-12 Screen 3	Jul 2013	MW-12-3	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**	4.0 U	**Styrene**	**0.1 J**
MW-12 Screen 3	Oct/Nov 2013	MW-12-3	**0.4 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	**4.5**		
MW-12 Screen 3	Jan/Feb 2014	MW-12-3	**0.5 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**1.8 J**	**Styrene**	**0.1 J**
MW-12 Screen 3	Apr/May 2014	MW-12-3	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	**3.0 J**		
MW-12 Screen 4	Apr/May 2013	MW-12-4	**0.3 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**3.6 J**		
MW-12 Screen 4	Jul 2013	MW-12-4	**0.8**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	**3.2 J**		
MW-12 Screen 4	Oct/Nov 2013	MW-12-4	**0.5**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**3.3 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-12 Screen 4	Jan/Feb 2014	MW-12-4	**0.9**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**3.5 J**	**Styrene**	**0.1 J**
MW-12 Screen 4	Apr/May 2014	MW-12-4	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	4.0 U		
MW-12 Screen 5	Apr/May 2013	MW-12-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**1.9 J**		
MW-12 Screen 5	Jul 2013	MW-12-5	**0.4 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**2.1 J**		
MW-12 Screen 5	Oct/Nov 2013	MW-12-5	**0.3 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**3.3 J**		
MW-12 Screen 5	Jan/Feb 2014	MW-12-5	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.5 J**	**Styrene**	**0.1 J**
MW-12 Screen 5	Apr/May 2014	MW-12-5	**0.3 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	4.0 U		
MW-13	Apr/May 2013	MW-13	**0.3 J**	**0.2 J**	**0.6**	**0.2 J**	0.5 U	**0.3 J**	0.5 U	**5.5**	**690.0**	**1,4-Dioxane** **Bromodichloromethane**	**2.2** **0.3 J**
MW-13	Jul 2013	MW-13	**0.6**	**0.2 J**	**0.9**	**0.2 J**	0.5 U	**0.5 J**	0.5 U	**7.3**	**1200.0**	**Bromodichloromethane**	**0.2 J**
MW-13	Oct/Nov 2013	MW-13	0.5 U	**0.2 J**	**1.6**	**0.4 J**	0.5 U	**0.2 J**	0.5 U	**2.5**	**520.0**		
MW-13	Jan/Feb 2014	MW-13	0.5 U	**0.3 J**	**2.3**	**0.6**	0.5 U	0.5 U	0.5 U	**0.7**	**33.0**	**Methyl-tert-butyl ether (MTBE)**	**0.1 J**
MW-13	Jan/Feb 2014	DUPE-4-1Q14	0.5 U	**0.3 J**	**2.3**	**0.5**	0.5 U	0.5 U	0.5 U	**0.7**	**36.0**	**Methyl-tert-butyl ether (MTBE)**	**0.1 J**
MW-13	Apr/May 2014	MW-13	0.5 U	**0.3 J**	**2.1**	**0.3 J**	0.5 U	0.5 U	0.5 U	**1.0**	**200.0**		
MW-14 Screen 1	Apr/May 2013	MW-14-1	0.5 U	**2.0**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	4.0 U	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.1 J** **0.6**
MW-14 Screen 1	Jul 2013	MW-14-1	0.5 U	**2.1**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**3.1 J**	**Methyl-tert-butyl ether (MTBE)**	**0.5 J**
MW-14 Screen 1	Oct/Nov 2013	MW-14-1	0.5 U	**1.6**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.5**	**4.0**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.1 J** **0.4 J**
MW-14 Screen 1	Oct/Nov 2013	DUPE-2-4Q13	0.5 U	**1.3**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**3.7 J**	**Methyl-tert-butyl ether (MTBE)**	**0.4 J**
MW-14 Screen 1	Jan/Feb 2014	MW-14-1	0.5 U	**3.4**	**0.4 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.8**	**3.4 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.2 J** **0.3 J**
MW-14 Screen 1	Apr/May 2014	MW-14-1	0.5 U	**2.2**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**3.8 J**	**Methyl-tert-butyl ether (MTBE)**	**0.2 J**
MW-14 Screen 2	Apr/May 2013	MW-14-2	0.5 U	**4.6**	**0.3 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.5**	**4.1**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.2 J** **0.2 J**
MW-14 Screen 2	Jul 2013	MW-14-2	0.5 U	**5.4**	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**1.9 J**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.2 J** **0.3 J**
MW-14 Screen 2	Jul 2013	DUPE-2-3Q13	0.5 U	**6.1**	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**3.2 J**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.3 J** **0.3 J**
MW-14 Screen 2	Oct/Nov 2013	MW-14-2	0.5 U	**4.0**	**0.3 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.5 J**	4.0 U	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.3 J** **0.2 J**
MW-14 Screen 2	Jan/Feb 2014	MW-14-2	0.5 U	**3.7**	**0.4 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.5**	**3.4 J**	**cis-1,2-Dichloroethene**	**0.3 J**
MW-14 Screen 2	Apr/May 2014	MW-14-2	0.5 U	**8.5**	**1.0**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.9**	**4.1**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.4 J** **0.3 J**
MW-14 Screen 2	Apr/May 2014	DUP-1-2Q14	0.5 U	**7.7**	**0.9**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.9**	**3.8 J**	**cis-1,2-Dichloroethene** **trans-1,2-Dichloroethene**	**0.3 J** **0.2 J**
MW-14 Screen 3	Apr/May 2013	MW-14-3	0.5 U	**1.5**	**0.3 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.5 J**	**4.8**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-14 Screen 3	Jul 2013	MW-14-3	0.5 U	**2.4**	**0.7**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.6**	**5.3**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-14 Screen 3	Oct/Nov 2013	MW-14-3	0.5 U	**2.0**	**0.5 J**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.5**	**5.7**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-14 Screen 3	Jan/Feb 2014	MW-14-3	0.5 U	**2.0**	**0.5**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.6**	**4.7**	**cis-1,2-Dichloroethene**	**0.2 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-14 Screen 3	Apr/May 2014	MW-14-3	0.5 U	**1.6**	**0.5**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.5**	**5.9**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-14 Screen 4	Apr/May 2013	MW-14-4	0.5 U	**0.3 J**	**0.3 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.3 J**	4.0 U	**cis-1,2-Dichloroethene**	**0.2 J**
MW-14 Screen 4	Apr/May 2013	DUP-2-2Q13	0.5 U	**0.3 J**	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.3 J**	**3.0 J**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-14 Screen 4	Jul 2013	MW-14-4	0.5 U	**0.2 J**	**0.3 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.7 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-14 Screen 4	Oct/Nov 2013	MW-14-4	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**5.3**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-14 Screen 4	Jan/Feb 2014	MW-14-4	0.5 U	**0.4 J**	**0.4 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.3 J**	**4.0**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-14 Screen 4	Apr/May 2014	MW-14-4	0.5 U	**0.4 J**	**0.4 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.3 J**	**4.1**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-14 Screen 5	Apr/May 2013	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	4.0 U		
MW-14 Screen 5	Jul 2013	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	4.0 U		
MW-14 Screen 5	Oct/Nov 2013	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	4.0 U		
MW-14 Screen 5	Jan/Feb 2014	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	4.0 U		
MW-14 Screen 5	Apr/May 2014	MW-14-5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	4.0 U		
MW-15	Apr/May 2013	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	4.0 U		
MW-15	Oct/Nov 2013	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	4.0 U		
MW-15	Oct/Nov 2013	DUPE-6-4Q13	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 U		
MW-15	Apr/May 2014	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	4.0 U		
MW-15	Apr/May 2014	DUP-7-2Q14	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 U		
MW-16	Apr/May 2013	MW-16	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**9.0**	4.0 U	**Bromodichloromethane** **Bromoform** **Dibromochloromethane**	**9.6** **4.8** **8.7**
MW-16	Jul 2013	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**7.9**	**2.0 J**	**Bromodichloromethane** **Bromoform** **Dibromochloromethane**	**12.0** **4.0** **11.0**
MW-16	Oct/Nov 2013	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.0**	4.0 U	**Bromodichloromethane** **Bromoform** **Dibromochloromethane**	**7.3** **2.2** **6.4**
MW-16	Oct/Nov 2013	DUPE-7-4Q13	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**6.6**	4.0 U	**Bromodichloromethane** **Bromoform** **Dibromochloromethane**	**8.1** **2.0** **6.7**
MW-16	Jan/Feb 2014	MW-16	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**9.3**	**2.3 J**	**Bromodichloromethane** **Bromoform** **Dibromochloromethane**	**9.8** **6.8** **9.0**
MW-16	Apr/May 2014	MW-16	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.0**	4.0 U	**Bromodichloromethane** **Bromoform** **Dibromochloromethane**	**6.7** **6.1** **8.4**
MW-17 Screen 1	Apr/May 2013	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	4.0 U		
MW-17 Screen 1	Oct/Nov 2013	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	4.0 U		
MW-17 Screen 1	Apr/May 2014	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	4.0 U		
MW-17 Screen 2	Apr/May 2013	MW-17-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.6 J**		
MW-17 Screen 2	Jul 2013	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	4.0 U		

Sample Location	Sampling Event	Sample Number	Carbon tetrachloride	TCE	PCE	1,1-DCA	1,2-DCA	1,1-DCE	Freon 113	Chloroform	Perchlorate	Other Volatile Organic Compounds and 1,4-Dioxane, NDMA, NDPA, 1,2,3-TCP	
MW-17 Screen 2	Oct/Nov 2013	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	4.0 U		
MW-17 Screen 2	Jan/Feb 2014	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	4.0 U	**Styrene**	**0.1 J**
MW-17 Screen 2	Apr/May 2014	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	4.0 U		
MW-17 Screen 3	Apr/May 2013	MW-17-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**6.3**		
MW-17 Screen 3	Jul 2013	MW-17-3	**0.3 J**	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**7.6**		
MW-17 Screen 3	Oct/Nov 2013	MW-17-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**7.1**		
MW-17 Screen 3	Jan/Feb 2014	MW-17-3	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**7.4**		
MW-17 Screen 3	Apr/May 2014	MW-17-3	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**7.6**		
MW-17 Screen 4	Apr/May 2013	MW-17-4	**0.3 J**	**0.9**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**8.2**		
MW-17 Screen 4	Jul 2013	MW-17-4	0.5 U	**1.0**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**1.8 J**	**Styrene**	**0.1 J**
MW-17 Screen 4	Oct/Nov 2013	MW-17-4	**0.6**	**2.0**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**15.0**		
MW-17 Screen 4	Jan/Feb 2014	MW-17-4	**0.8**	**3.1**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	**18.0**		
MW-17 Screen 4	Apr/May 2014	MW-17-4	**0.8**	**2.4**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**17.0**		
MW-17 Screen 5	Apr/May 2013	MW-17-5	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**3.7 J**		
MW-17 Screen 5	Oct/Nov 2013	MW-17-5	**0.4 J**	**2.0**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**9.9**		
MW-17 Screen 5	Apr/May 2014	MW-17-5	**1.0**	**3.3**	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.9**	**15.0**		
MW-18 Screen 1	Apr/May 2013	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	4.0 U		
MW-18 Screen 2	Apr/May 2013	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	4.0 U		
MW-18 Screen 2	Jul 2013	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	4.0 U		
MW-18 Screen 2	Oct/Nov 2013	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	4.0 U		
MW-18 Screen 2	Jan/Feb 2014	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	4.0 U		
MW-18 Screen 2	Apr/May 2014	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	4.0 U		
MW-18 Screen 3	Apr/May 2013	MW-18-3	**7.3**	**0.7**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.2 J**	**1.5**	**36.0**		
MW-18 Screen 3	Jul 2013	MW-18-3	**10.0**	**0.7**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.3 J**	**1.5**	**44.0**		
MW-18 Screen 3	Oct/Nov 2013	MW-18-3	**16.0**	**1.6**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.2**	**44.0**		
MW-18 Screen 3	Jan/Feb 2014	MW-18-3	**5.2**	**0.5 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	**35.0**		
MW-18 Screen 3	Apr/May 2014	MW-18-3	**6.4**	**0.5**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	**32.0**		
MW-18 Screen 3	Apr/May 2014	DUP-3-2Q14	**7.2**	**0.6**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	**36.0**		
MW-18 Screen 4	Apr/May 2013	MW-18-4	**1.0**	**0.6**	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**12.0**		
MW-18 Screen 4	Jul 2013	MW-18-4	**2.1**	**0.9**	**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**13.0**		
MW-18 Screen 4	Jul 2013	DUPE-3-3Q13	**1.5**	**0.6**	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**13.0**		
MW-18 Screen 4	Oct/Nov 2013	MW-18-4	**1.9**	**0.9**	**0.8**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**15.0**		
MW-18 Screen 4	Jan/Feb 2014	MW-18-4	**1.8**	**1.0**	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**15.0**		
MW-18 Screen 4	Apr/May 2014	MW-18-4	**1.4**	**0.8**	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**16.0**		
MW-18 Screen 5	Apr/May 2013	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	4.0 U	**Styrene**	**0.1 J**
MW-18 Screen 5	Jul 2013	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	4.0 U	**Styrene**	**0.1 J**
MW-18 Screen 5	Oct/Nov 2013	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	4.0 U	**Styrene**	**0.1 J**
MW-18 Screen 5	Jan/Feb 2014	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	4.0 U		
MW-18 Screen 5	Apr/May 2014	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	4.0 U		
MW-19 Screen 1	Apr/May 2013	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	4.0 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	Jul 2013	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	4.0 U		
MW-19 Screen 1	Oct/Nov 2013	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	4.0 U		
MW-19 Screen 1	Jan/Feb 2014	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	4.0 U		
MW-19 Screen 1	Apr/May 2014	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	4.0 U		
MW-19 Screen 2	Apr/May 2013	MW-19-2	0.5 U	**0.7**	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**4.2**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.2 J** **0.2 J**
MW-19 Screen 2	Jul 2013	MW-19-2	0.5 U	**0.9**	**1.2**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.9**	**6.1**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.4 J** **0.3 J**
MW-19 Screen 2	Oct/Nov 2013	MW-19-2	0.5 U	**0.5 J**	**0.7**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**6.1**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.2 J** **0.2 J**
MW-19 Screen 2	Jan/Feb 2014	MW-19-2	0.5 U	**0.8**	**1.3**	**0.3 J**	0.5 U	0.5 U	0.5 U	**0.9**	**5.9**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.4 J** **0.3 J**
MW-19 Screen 2	Apr/May 2014	MW-19-2	0.5 U	**0.4 J**	**0.7**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.7**	**6.3**	**Bromodichloromethane** **cis-1,2-Dichloroethene** **Dibromochloromethane**	**0.3 J** **0.2 J** **0.2 J**
MW-19 Screen 3	Apr/May 2013	MW-19-3	0.5 U	0.5 U	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	4.0 U		
MW-19 Screen 3	Jul 2013	MW-19-3	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.8 J**		
MW-19 Screen 3	Oct/Nov 2013	MW-19-3	0.5 U	0.5 U	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	**3.4 J**		
MW-19 Screen 3	Jan/Feb 2014	MW-19-3	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**2.4 J**		
MW-19 Screen 3	Apr/May 2014	MW-19-3	0.5 U	0.5 U	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.9 J**		
MW-19 Screen 4	Apr/May 2013	MW-19-4	0.5 U	**0.1 J**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.9 J**		
MW-19 Screen 4	Jul 2013	MW-19-4	0.5 U	**0.1 J**	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.2 J**		
MW-19 Screen 4	Oct/Nov 2013	MW-19-4	0.5 U	**0.1 J**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.9 J**		
MW-19 Screen 4	Jan/Feb 2014	MW-19-4	0.5 U	**0.1 J**	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**3.4 J**		
MW-19 Screen 4	Apr/May 2014	MW-19-4	0.5 U	**0.1 J**	**0.5 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.3 J**		
MW-19 Screen 5	Apr/May 2013	MW-19-5	0.5 U	**0.2 J**	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	4.0 U	**Carbon disulfide**	**0.4 J**
MW-19 Screen 5	Jul 2013	MW-19-5	0.5 U	**0.2 J**	**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.1 J**	**Styrene**	**0.1 J**
MW-19 Screen 5	Jul 2013	DUP-1-3Q13	0.5 U	**0.1 J**	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.0 J**		
MW-19 Screen 5	Oct/Nov 2013	MW-19-5	0.5 U	**0.1 J**	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.8 J**		
MW-19 Screen 5	Jan/Feb 2014	MW-19-5	0.5 U	**0.1 J**	**1.0**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.8 J**		
MW-19 Screen 5	Apr/May 2014	MW-19-5	0.5 U	**0.1 J**	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.1 J**		
MW-20 Screen 1	Apr/May 2013	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	4.0 U	**Bromodichloromethane** **Methyl-tert-butyl ether (MTBE)**	**0.2 J** **0.2 J**
MW-20 Screen 1	Jul 2013	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**1.2 J**	**Methyl-tert-butyl ether (MTBE)**	**0.2 J**
MW-20 Screen 1	Oct/Nov 2013	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	4.0 U	**Carbon disulfide**	**0.4 J**
MW-20 Screen 1	Jan/Feb 2014	MW-20-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	4.0 U		
MW-20 Screen 1	Jan/Feb 2014	DUPE-2-1Q14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	4.0 U		
MW-20 Screen 1	Apr/May 2014	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	4.0 U		
MW-20 Screen 2	Apr/May 2013	MW-20-2	0.5 U	**0.7**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.9 J**	**Carbon disulfide**	**0.4 J**
MW-20 Screen 2	Jul 2013	MW-20-2	0.5 U	**0.8**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**1.9 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-20 Screen 2	Oct/Nov 2013	MW-20-2	0.5 U	**0.5 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.3 J**		
MW-20 Screen 2	Jan/Feb 2014	MW-20-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**1.6 J**	**Styrene**	**0.1 J**
MW-20 Screen 2	Apr/May 2014	MW-20-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**4.0**		
MW-20 Screen 3	Apr/May 2013	MW-20-3	0.5 U	**0.3 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Acrylonitrile** **Carbon disulfide** **Ethylbenzene** **Styrene** **Toluene**	**2.5 J** **0.6 J** **0.1 J** **0.4 J** **0.1 J**
MW-20 Screen 3	Apr/May 2013	DUP-1-2Q13	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Acrylonitrile** **Carbon disulfide** **Ethylbenzene** **Styrene** **Toluene**	**2.8 J** **0.5 J** **0.1 J** **0.3 J** **0.1 J**
MW-20 Screen 3	Jul 2013	MW-20-3	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Acrylonitrile** **Ethylbenzene** **Styrene** **Toluene**	**2.9 J** **0.2 J** **0.4 J** **0.1 J**
MW-20 Screen 3	Oct/Nov 2013	MW-20-3	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Acrylonitrile** **Carbon disulfide** **Ethylbenzene** **Styrene** **Toluene**	**2.6 J** **0.8 J** **0.1 J** **0.4 J** **0.1 J**
MW-20 Screen 3	Jan/Feb 2014	MW-20-3	0.5 U	**0.1 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Acrylonitrile** **Ethylbenzene** **Styrene** **Toluene**	**2.6 J** **0.2 J** **0.4 J** **0.1 J**
MW-20 Screen 3	Apr/May 2014	MW-20-3	0.5 U	**0.1 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Carbon disulfide** **Ethylbenzene** **Styrene**	**0.6 J** **0.1 J** **0.3 J**
MW-20 Screen 4	Apr/May 2013	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	4.0 U	**Carbon disulfide**	**0.6 J**
MW-20 Screen 4	Jul 2013	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	4.0 U		
MW-20 Screen 4	Oct/Nov 2013	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	4.0 U	**Carbon disulfide**	**0.5 J**
MW-20 Screen 4	Oct/Nov 2013	DUPE-1-4Q13	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 U	**Carbon disulfide**	**0.8 J**
MW-20 Screen 4	Jan/Feb 2014	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	4.0 U	**Styrene**	**0.1 J**
MW-20 Screen 4	Apr/May 2014	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	4.0 U	**Carbon disulfide**	**0.5 J**
MW-20 Screen 5	Apr/May 2013	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	4.0 U	**Carbon disulfide** **Styrene**	**0.5 J** **0.2 J**
MW-20 Screen 5	Jul 2013	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	4.0 U	**Styrene**	**0.2 J**
MW-20 Screen 5	Oct/Nov 2013	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	4.0 U	**Carbon disulfide** **Styrene**	**0.8 J** **0.3 J**
MW-20 Screen 5	Jan/Feb 2014	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	4.0 U	**Styrene**	**0.3 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-20 Screen 5	Apr/May 2014	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	4.0 U	**Styrene**	**0.2 J**
MW-21 Screen 1	Apr/May 2013	MW-21-1	0.5 U	**0.1 J**	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**2.0**	**3.4 J**		
MW-21 Screen 1	Jul 2013	MW-21-1	0.5 U	**0.2 J**	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	**2.1**	**3.1 J**		
MW-21 Screen 1	Oct/Nov 2013	MW-21-1	0.5 U	**0.9**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.4**	**9.3**		
MW-21 Screen 1	Jan/Feb 2014	MW-21-1	0.5 U	**1.2**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	**11.0**		
MW-21 Screen 1	Apr/May 2014	MW-21-1	0.5 U	**1.1**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**1.0**	**12.0**		
MW-21 Screen 2	Apr/May 2013	MW-21-2	0.5 U	**0.2 J**	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**2.5 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.2 J** **0.2 J**
MW-21 Screen 2	Jul 2013	MW-21-2	0.5 U	**0.4 J**	**2.3**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**2.7 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.2 J** **0.2 J**
MW-21 Screen 2	Oct/Nov 2013	MW-21-2	0.5 U	**0.3 J**	**1.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**3.5 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.2 J** **0.2 J**
MW-21 Screen 2	Jan/Feb 2014	MW-21-2	0.5 U	**0.3 J**	**1.6**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**2.9 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.2 J** **0.2 J**
MW-21 Screen 2	Apr/May 2014	MW-21-2	0.5 U	**0.3 J**	**1.5**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**2.8 J**	**Methyl-tert-butyl ether (MTBE)**	**0.2 J**
MW-21 Screen 3	Apr/May 2013	MW-21-3	0.5 U	**0.7**	**4.1**	**0.1 J**	0.5 U	0.5 U	0.5 U	**2.4**	**3.4 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.9** **0.3 J**
MW-21 Screen 3	Jul 2013	MW-21-3	0.5 U	**1.9**	**12.0**	**0.3 J**	0.5 U	0.5 U	0.5 U	**3.1**	**2.9 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**1.4** **0.3 J**
MW-21 Screen 3	Oct/Nov 2013	MW-21-3	0.5 U	**0.9**	**3.6**	**0.2 J**	0.5 U	0.5 U	0.5 U	**1.4**	**3.5 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.7** **0.3 J**
MW-21 Screen 3	Jan/Feb 2014	MW-21-3	0.5 U	**0.9**	**3.7**	**0.2 J**	0.5 U	0.5 U	0.5 U	**1.3**	**2.7 J**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.6** **0.3 J**
MW-21 Screen 3	Apr/May 2014	MW-21-3	0.5 U	**1.1**	**3.1**	**0.2 J**	0.5 U	0.5 U	0.5 U	**1.0**	**4.0**	**cis-1,2-Dichloroethene** **Methyl-tert-butyl ether (MTBE)**	**0.4 J** **0.2 J**
MW-21 Screen 4	Apr/May 2013	MW-21-4	0.5 U	0.5 U	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**5.2**	**2.4 J**		
MW-21 Screen 4	Jul 2013	MW-21-4	0.5 U	**0.2 J**	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	**9.2**	**2.0 J**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-21 Screen 4	Jul 2013	DUPE-7-3Q13	0.5 U	**0.1 J**	**1.1**	0.5 U	0.5 U	0.5 U	0.5 U	**9.9**	**2.2 J**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-21 Screen 4	Oct/Nov 2013	MW-21-4	0.5 U	**0.1 J**	**0.8**	0.5 U	0.5 U	0.5 U	0.5 U	**8.8**	**2.1 J**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-21 Screen 4	Jan/Feb 2014	MW-21-4	0.5 U	**0.1 J**	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**5.3**	**2.1 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-21 Screen 4	Apr/May 2014	MW-21-4	0.5 U	**0.1 J**	**0.8**	0.5 U	0.5 U	0.5 U	0.5 U	**7.6**	**2.2 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-21 Screen 5	Apr/May 2013	MW-21-5	0.5 U	0.5 U	**0.6**	0.5 U	0.5 U	0.5 U	0.5 U	**5.0**	**2.4 J**		
MW-21 Screen 5	Jul 2013	MW-21-5	0.5 U	**0.1 J**	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	**6.0**	**2.1 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-21 Screen 5	Oct/Nov 2013	MW-21-5	0.5 U	**0.1 J**	**0.8**	0.5 U	0.5 U	0.5 U	0.5 U	**5.8**	**3.0 J**		
MW-21 Screen 5	Jan/Feb 2014	MW-21-5	0.5 U	**0.1 J**	**1.2**	**0.1 J**	0.5 U	0.5 U	0.5 U	**7.9**	**1.7 J**	**cis-1,2-Dichloroethene**	**0.2 J**
MW-21 Screen 5	Apr/May 2014	MW-21-5	0.5 U	0.5 U	**0.8**	0.5 U	0.5 U	0.5 U	0.5 U	**6.4**	4.0 U		
MW-22 Screen 1	Apr/May 2013	MW-22-1	0.5 U	**0.8**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.5 J**		
MW-22 Screen 1	Jul 2013	MW-22-1	0.5 U	**1.5**	**0.6**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.5 J**	**3.0 J**		
MW-22 Screen 1	Oct/Nov 2013	MW-22-1	0.5 U	**1.0**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**3.7 J**		
MW-22 Screen 1	Jan/Feb 2014	MW-22-1	0.5 U	**2.0**	**0.6**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.5**	**3.3 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-22 Screen 1	Apr/May 2014	MW-22-1	0.5 U	**1.4**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**3.0 J**		
MW-22 Screen 2	Apr/May 2013	MW-22-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**1.7 J**		
MW-22 Screen 2	Jul 2013	MW-22-2	0.5 U	**0.2 J**	**0.2 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.2 J**	4.0 U		
MW-22 Screen 2	Oct/Nov 2013	MW-22-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**3.5 J**		
MW-22 Screen 2	Jan/Feb 2014	MW-22-2	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.5 J**		
MW-22 Screen 2	Apr/May 2014	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	**2.9 J**		
MW-22 Screen 3	Apr/May 2013	MW-22-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.3 J**		
MW-22 Screen 3	Apr/May 2013	DUP-3-2Q13	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**2.6 J**		
MW-22 Screen 3	Jul 2013	MW-22-3	0.5 U	**0.1 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	**3.6 J**		
MW-22 Screen 3	Oct/Nov 2013	MW-22-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.6 J**		
MW-22 Screen 3	Jan/Feb 2014	MW-22-3	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**2.6 J**		
MW-22 Screen 3	Apr/May 2014	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 J**		
MW-22 Screen 4	Apr/May 2013	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	4.0 U		
MW-22 Screen 4	Oct/Nov 2013	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	4.0 U		
MW-22 Screen 4	Apr/May 2014	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	4.0 U		
MW-22 Screen 5	Apr/May 2013	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	4.0 U	**Carbon disulfide**	**0.6 J**
MW-22 Screen 5	Oct/Nov 2013	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	4.0 U	**Carbon disulfide**	**0.7 J**
MW-22 Screen 5	Apr/May 2014	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	4.0 U		
MW-23 Screen 1	Apr/May 2013	MW-23-1	0.5 U	**2.8 J**	**0.3 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.5**	**2.7 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-23 Screen 1	Jul 2013	MW-23-1	0.5 U	**2.7**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**3.2 J**		
MW-23 Screen 1	Oct/Nov 2013	MW-23-1	0.5 U	**2.3**	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**4.7**		
MW-23 Screen 1	Jan/Feb 2014	MW-23-1	0.5 U	**3.5**	**0.5 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.5**	**3.7 J**		
MW-23 Screen 1	Apr/May 2014	MW-23-1	0.5 U	**2.1**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**2.6 J**		
MW-23 Screen 2	Apr/May 2013	MW-23-2	0.5 U	**0.9**	**0.4 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**3.4 J**		
MW-23 Screen 2	Jul 2013	MW-23-2	0.5 U	**1.1**	**0.5**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**4.0**		
MW-23 Screen 2	Oct/Nov 2013	MW-23-2	0.5 U	**0.8**	**0.3 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.5 J**	**4.1**		
MW-23 Screen 2	Jan/Feb 2014	MW-23-2	0.5 U	**1.1**	**0.4 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.5**	**4.6**		
MW-23 Screen 2	Apr/May 2014	MW-23-2	0.5 U	**1.1**	**0.4 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.5**	**4.7**		
MW-23 Screen 3	Apr/May 2013	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	**2.0 J**		
MW-23 Screen 3	Jul 2013	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	**2.6 J**		
MW-23 Screen 3	Oct/Nov 2013	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	**3.1 J**		
MW-23 Screen 3	Jan/Feb 2014	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	**2.8 J**		
MW-23 Screen 3	Apr/May 2014	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	**3.0 J**		
MW-23 Screen 4	Apr/May 2013	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	4.0 U		
MW-23 Screen 4	Oct/Nov 2013	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	4.0 U		
MW-23 Screen 4	Apr/May 2014	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	4.0 U		
MW-23 Screen 5	Apr/May 2013	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	4.0 U	**Styrene**	**0.3 J**
MW-23 Screen 5	Oct/Nov 2013	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	4.0 U	**Carbon disulfide** **Ethylbenzene** **Styrene**	**0.5 J** **0.1 J** **0.4 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-23 Screen 5	Apr/May 2014	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	4.0 U	**Ethylbenzene** **Styrene**	**0.1 J** **0.3 J**
MW-24 Screen 1	Apr/May 2013	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**4.3**	4.0 U	**Bromodichloromethane** **Carbon disulfide**	**0.9** **0.4 J**
MW-24 Screen 1	Jul 2013	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**3.8**	4.0 U	**Bromodichloromethane**	**0.2 J**
MW-24 Screen 1	Oct/Nov 2013	MW-24-1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**5.0 J**	**2.3 J**	**Bromodichloromethane**	**0.2 J**
MW-24 Screen 1	Jan/Feb 2014	MW-24-1	**0.7**	0.5 U	**1.2**	0.5 U	0.5 U	0.5 U	**0.2 J**	**7.6**	**160.0**	**Bromodichloromethane**	**1.0**
MW-24 Screen 1	Apr/May 2014	MW-24-1	0.5 U	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**5.9**	**45.0**		
MW-24 Screen 2	Apr/May 2013	MW-24-2	**0.6**	**0.2 J**	**0.4 J**	**0.3 J**	0.5 U	0.5 U	0.5 U	**1.1**	**11.0**	**Bromodichloromethane**	**0.5**
MW-24 Screen 2	Jul 2013	MW-24-2	**0.3 J**	**0.1 J**	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	**0.6**	**10.0**	**Bromodichloromethane**	**0.4 J**
MW-24 Screen 2	Oct/Nov 2013	MW-24-2	**0.4 J**	**0.2 J**	**0.3 J**	**0.3 J**	0.5 U	0.5 U	0.5 U	**1.1**	**9.7**	**Bromodichloromethane**	**0.8**
MW-24 Screen 2	Jan/Feb 2014	MW-24-2	0.5 U	0.5 U	**0.1 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.7**	**8.0**	**Bromodichloromethane**	**0.7**
MW-24 Screen 2	Apr/May 2014	MW-24-2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**8.5**	**Bromodichloromethane**	**0.9**
MW-24 Screen 2	Apr/May 2014	DUP-2-2Q14	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.7**	**8.1**	**Bromodichloromethane** **Chloromethane**	**0.8** **0.5**
MW-24 Screen 3	Apr/May 2013	MW-24-3	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Carbon disulfide**	**0.6 J**
MW-24 Screen 3	Jul 2013	MW-24-3	0.5 U	0.5 U	**0.2 J**	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Styrene**	**0.1 J**
MW-24 Screen 3	Oct/Nov 2013	MW-24-3	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U	**Carbon disulfide**	**0.4 J**
MW-24 Screen 3	Jan/Feb 2014	MW-24-3	0.5 U	0.5 U	**0.1 J**	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-24 Screen 3	Apr/May 2014	MW-24-3	0.5 U	0.5 U	0.5 U	**0.1 J**	0.5 U	0.5 U	0.5 U	0.5 U	4.0 U		
MW-24 Screen 4	Apr/May 2013	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	4.0 U	**Ethylbenzene** **Styrene**	**0.1 J** **0.2 J**
MW-24 Screen 4	Oct/Nov 2013	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	4.0 U	**Ethylbenzene** **Styrene**	**0.2 J** **0.2 J**
MW-24 Screen 4	Apr/May 2014	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	4.0 U	**Styrene**	**0.1 J**
MW-24 Screen 5	Apr/May 2013	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	4.0 U		
MW-24 Screen 5	Oct/Nov 2013	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	4.0 U		
MW-24 Screen 5	Apr/May 2014	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	4.0 U		
MW-25 Screen 1	Apr/May 2013	MW-25-1	0.5 U	**1.3**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**9.2**	**Methyl-tert-butyl ether (MTBE)**	**0.2 J**
MW-25 Screen 1	Jul 2013	MW-25-1	0.5 U	**2.4**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.8**	**11.0**	**Methyl-tert-butyl ether (MTBE)**	**0.3 J**
MW-25 Screen 1	Oct/Nov 2013	MW-25-1	0.5 U	**2.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**11.0**	**Methyl-tert-butyl ether (MTBE)**	**0.3 J**
MW-25 Screen 1	Jan/Feb 2014	MW-25-1	0.5 U	**1.9**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**11.0**	**Methyl-tert-butyl ether (MTBE)**	**0.3 J**
MW-25 Screen 1	Apr/May 2014	MW-25-1	0.5 U	**2.5**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**11.0**	**Methyl-tert-butyl ether (MTBE)**	**0.2 J**
MW-25 Screen 2	Apr/May 2013	MW-25-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**14.0**		
MW-25 Screen 2	Jul 2013	MW-25-2	0.5 U	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**16.0**		
MW-25 Screen 2	Oct/Nov 2013	MW-25-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	**15.0**		
MW-25 Screen 2	Oct/Nov 2013	DUPE-4-4Q13	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.2 J**	**16.0**		
MW-25 Screen 2	Jan/Feb 2014	MW-25-2	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**15.0**		
MW-25 Screen 2	Apr/May 2014	MW-25-2	0.5 U	**0.3 J**	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	**14.0**		
MW-25 Screen 3	Apr/May 2013	MW-25-3	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	**0.4 J**	**8.4**		

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-25 Screen 3	Jul 2013	MW-25-3	0.5 U	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.6**	**11.0**		
MW-25 Screen 3	Jul 2013	DUPE-4-3Q13	0.5 U	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.5 J**	**11.0**		
MW-25 Screen 3	Oct/Nov 2013	MW-25-3	0.5 U	0.5 U	**0.2 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.9**	**13.0**		
MW-25 Screen 3	Jan/Feb 2014	MW-25-3	0.5 U	0.5 U	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.9**	**12.0**		
MW-25 Screen 3	Apr/May 2014	MW-25-3	0.5 U	**0.1 J**	**0.9**	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	**11.0**		
MW-25 Screen 4	Apr/May 2013	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**	**Carbon disulfide**	**0.5 J**
MW-25 Screen 4	Jul 2013	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	**9.3**		
MW-25 Screen 4	Oct/Nov 2013	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	**10.0**	**Carbon disulfide**	**0.5 J**
MW-25 Screen 4	Jan/Feb 2014	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	**10.0**		
MW-25 Screen 4	Apr/May 2014	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	**8.5**		
MW-25 Screen 5	Apr/May 2013	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	4.0 U		
MW-25 Screen 5	Jul 2013	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	4.0 U		
MW-25 Screen 5	Oct/Nov 2013	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	4.0 U	**Carbon disulfide**	**0.7 J**
MW-25 Screen 5	Jan/Feb 2014	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	4.0 U	**Carbon disulfide**	**0.5 J**
MW-25 Screen 5	Apr/May 2014	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	4.0 U	**Carbon disulfide**	**0.5 J**
MW-26 Screen 1	Apr/May 2013	MW-26-1	0.5 U	**0.3 J**	**0.7**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.6 J**	**cis-1,2-Dichloroethene**	**0.1 J**
MW-26 Screen 1	Jul 2013	MW-26-1	0.5 U	**0.6**	**1.2**	**0.1 J**	0.5 U	0.5 U	0.5 U	**0.4 J**	4.0 U	**cis-1,2-Dichloroethene**	**0.1 J**
MW-26 Screen 1	Oct/Nov 2013	MW-26-1	0.5 U	**0.4 J**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**4.5**		
MW-26 Screen 1	Oct/Nov 2013	DUPE-3-4Q13	0.5 U	**0.4 J**	**0.5 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**4.2**		
MW-26 Screen 1	Jan/Feb 2014	MW-26-1	0.5 U	**0.4 J**	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.5 J**		
MW-26 Screen 1	Apr/May 2014	MW-26-1	0.5 U	**0.4 J**	**0.5**	0.5 U	0.5 U	0.5 U	0.5 U	**0.3 J**	**2.5 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-26 Screen 2	Apr/May 2013	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	4.0 U		
MW-26 Screen 2	Jul 2013	MW-26-2	0.5 U	0.5 U	**0.4 J**	0.5 U	0.5 U	0.5 U	0.5 U	**0.1 J**	**1.4 J**		
MW-26 Screen 2	Oct/Nov 2013	MW-26-2	0.5 U	**0.3 J**	**2.0**	0.5 U	0.5 U	0.5 U	0.5 U	**1.1**	**3.3 J**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.2 J** **0.3 J**
MW-26 Screen 2	Jan/Feb 2014	MW-26-2	0.5 U	**0.3 J**	**2.0**	0.5 U	0.5 U	0.5 U	0.5 U	**1.2**	**2.6 J**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.2 J** **0.3 J**
MW-26 Screen 2	Apr/May 2014	MW-26-2	0.5 U	**0.3 J**	**2.2**	0.5 U	0.5 U	0.5 U	0.5 U	**1.3**	**2.3 J**	**Bromodichloromethane** **cis-1,2-Dichloroethene**	**0.2 J** **0.1 J**
California Maximum Contaminant Level (MCL)			0.5	5	5	5	0.5	6	1200	TTHM	6.0		
EPA Region IX Maximum Contaminant Level			5	5	5	NE	5	7	NE	TTHM	NE		

Notes

DUPE	Field Duplicate
NA	Not analyzed
NE	Not established
TTHM	Chloroform is regulated under the state and federal MCL of 80 µg/L for Total Trihalomethanes (TTHMs); the MCL applies to the sum of all four trihalomethanes (Bromodichloromethane, Bromoform, Dibromochloromethane, and Chloroform) as an annual average
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 FIVE 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 2013	MW-1	**1.4 J**	1.000 U	3.0 U	0.002 U
MW-1	Apr/May 2013	DUP-8-2Q13	**1.1 J**	1.000 U	3.0 U	0.002 U
MW-1	Oct/Nov 2013	MW-1	NA	NA	3.0 U	0.002 U
MW-1	Apr/May 2014	MW-1	2.0 U	1.000 U	**0.5 J**	0.002 U
MW-1	Apr/May 2014	DUP-6-2Q14	**0.8 J**	1.000 U	**1.1 J**	0.002 U
MW-3 Screen 1	Apr/May 2013	MW-3-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-3 Screen 1	Oct/Nov 2013	MW-3-1	NA	NA	3.0 U	0.002 U
MW-3 Screen 1	Apr/May 2014	MW-3-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-3 Screen 2	Apr/May 2013	MW-3-2	2.0 U	0.120 U	3.0 U	0.002 U
MW-3 Screen 2	Jul 2013	MW-3-2	NA	NA	**0.6 J**	0.002 U
MW-3 Screen 2	Jul 2013	DUPE-5-3Q13	NA	NA	3.0 U	0.002 U
MW-3 Screen 2	Oct/Nov 2013	MW-3-2	NA	NA	**0.7 J**	0.002 U
MW-3 Screen 2	Jan/Feb 2014	MW-3-2	NA	NA	3.0 U	0.002 U
MW-3 Screen 2	Apr/May 2014	MW-3-2	2.0 U	1.000 U	3.0 U	**0.001 J**
MW-3 Screen 3	Apr/May 2013	MW-3-3	**3.0**	1.000 U	**2.3 J**	**0.002 J**
MW-3 Screen 3	Jul 2013	MW-3-3	NA	NA	**2.4 J**	0.002 U
MW-3 Screen 3	Oct/Nov 2013	MW-3-3	NA	NA	**1.8 J**	**0.002 J**
MW-3 Screen 3	Jan/Feb 2014	MW-3-3	NA	NA	**1.4 J**	0.002 U
MW-3 Screen 3	Jan/Feb 2014	DUPE-3-1Q14	NA	NA	**6.3**	0.002 U
MW-3 Screen 3	Apr/May 2014	MW-3-3	**3.2**	1.000 U	3.4 U	**0.001 J**
MW-3 Screen 4	Apr/May 2013	MW-3-4	**18.0**	1.000 U	**34.0**	0.002 U
MW-3 Screen 4	Jul 2013	MW-3-4	NA	NA	**22.0**	0.002 U
MW-3 Screen 4	Oct/Nov 2013	MW-3-4	NA	NA	**3.1**	0.002 U
MW-3 Screen 4	Jan/Feb 2014	MW-3-4	NA	NA	**6.2**	**0.001 J**
MW-3 Screen 4	Apr/May 2014	MW-3-4	**14.0**	1.000 U	**15.0**	**0.001 J**
MW-3 Screen 5	Apr/May 2013	MW-3-5	**1.7 J**	1.000 U	**1.6 J**	0.002 U
MW-3 Screen 5	Oct/Nov 2013	MW-3-5	NA	NA	**7.3**	**0.001 J**
MW-3 Screen 5	Apr/May 2014	MW-3-5	**7.7**	1.000 U	**11.0**	**0.001 J**
MW-4 Screen 1	Apr/May 2013	MW-4-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-4 Screen 1	Jul 2013	MW-4-1	NA	NA	**0.6 J**	0.002 U
MW-4 Screen 1	Oct/Nov 2013	MW-4-1	NA	NA	3.0 U	0.002 U
MW-4 Screen 1	Jan/Feb 2014	MW-4-1	NA	NA	3.0 U	0.002 U
MW-4 Screen 1	Apr/May 2014	MW-4-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-4 Screen 2	Apr/May 2013	MW-4-2	2.0 U	1.000 U	**3.5**	0.002 U
MW-4 Screen 2	Jul 2013	MW-4-2	NA	NA	**3.2**	**0.002 J**

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-4 Screen 2	Oct/Nov 2013	MW-4-2	NA	NA	**12.0**	0.002 U
MW-4 Screen 2	Jan/Feb 2014	MW-4-2	NA	NA	**2.4 J**	**0.001 J**
MW-4 Screen 2	Apr/May 2014	MW-4-2	**1.2 J**	1.000 U	**16.0**	**0.001 J**
MW-4 Screen 3	Apr/May 2013	MW-4-3	**1.0 J**	1.000 U	**1.2 J**	0.002 U
MW-4 Screen 3	Jul 2013	MW-4-3	NA	NA	**1.0 J**	0.002 U
MW-4 Screen 3	Oct/Nov 2013	MW-4-3	NA	NA	**1.9 J**	0.002 U
MW-4 Screen 3	Jan/Feb 2014	MW-4-3	NA	NA	**1.0 J**	**0.001 J**
MW-4 Screen 3	Jan/Feb 2014	DUP-1-1Q14	NA	NA	**1.1 J**	**0.001 J**
MW-4 Screen 3	Apr/May 2014	MW-4-3	**1.4 J**	1.000 U	2.3 U	0.002 U
MW-4 Screen 4	Apr/May 2013	MW-4-4	**0.8 J**	1.000 U	**0.9 J**	0.002 U
MW-4 Screen 4	Oct/Nov 2013	MW-4-4	NA	NA	**1.1 J**	0.002 U
MW-4 Screen 4	Apr/May 2014	MW-4-4	2.0 U	1.000 U	2.0 U	0.001 U
MW-4 Screen 5	Apr/May 2013	MW-4-5	2.0 U	1.000 U	3.0 U	0.002 U
MW-4 Screen 5	Oct/Nov 2013	MW-4-5	NA	NA	3.0 U	0.002 U
MW-4 Screen 5	Apr/May 2014	MW-4-5	2.0 U	1.000 U	3.0 U	0.001 U
MW-5	Apr/May 2013	MW-5	2.0 U	1.000 U	3.0 U	0.002 U
MW-5	Jul 2013	MW-5	NA	NA	0.8 U	0.002 U
MW-5	Oct/Nov 2013	MW-5	NA	NA	3.0 U	0.002 U
MW-5	Jan/Feb 2014	MW-5	NA	NA	**0.7 J**	0.002 U
MW-5	Jan/Feb 2014	DUPE-6-1Q14	NA	NA	**0.7 J**	0.002 U
MW-5	Apr/May 2014	MW-5	2.0 U	1.000 U	**0.8 J**	0.002 U
MW-6	Apr/May 2013	MW-6	2.0 U	1.000 U	**5.1**	**0.002 J**
MW-6	Apr/May 2013	DUP-7-2Q13	2.0 U	1.000 U	**1.1 J**	**0.001 J**
MW-6	Jul 2013	MW-6	NA	NA	2.9 U	0.002 U
MW-6	Oct/Nov 2013	MW-6	NA	NA	**39.0**	0.001 U
MW-6	Jan/Feb 2014	MW-6	NA	NA	**8.1**	0.002 U
MW-6	Apr/May 2014	MW-6	2.0 U	1.000 U	**190.0**	**0.002 J**
MW-7	Apr/May 2013	MW-7	**0.9 J**	1.000 U	**16.0 J**	**0.014**
MW-7	Apr/May 2013	DUP-6-2Q13	**0.9 J**	1.000 U	**17.0 J**	**0.013**
MW-7	Jul 2013	MW-7	NA	NA	**17.0**	**0.004**
MW-7	Oct/Nov 2013	MW-7	NA	NA	**16.0**	**0.004**
MW-7	Jan/Feb 2014	MW-7	NA	NA	**49.0**	**0.002**
MW-7	Jan/Feb 2014	DUPE-5-1Q14	NA	NA	**42.0**	**0.001 J**
MW-7	Apr/May 2014	MW-7	2.0 U	**0.100 J**	**15.0**	**0.007**
MW-7	Apr/May 2014	DUP-8-2Q14	2.0 U	1.000 U	**16.0**	**0.007**
MW-8	Apr/May 2013	MW-8	**0.9 J**	1.000 U	**0.7 J**	0.002 U
MW-8	Jul 2013	MW-8	NA	NA	1.5 U	0.002 U
MW-8	Oct/Nov 2013	MW-8	NA	NA	**2.4 J**	**0.001 J**
MW-8	Oct/Nov 2013	DUPE-5-4Q13	NA	NA	**2.1 J**	**0.001 J**
MW-8	Jan/Feb 2014	MW-8	NA	NA	**3.0**	**0.001 J**
MW-8	Jan/Feb 2014	DUPE-7-1Q14	NA	NA	**3.4**	**0.001 J**
MW-8	Apr/May 2014	MW-8	2.0 U	1.000 U	**1.7 J**	**0.001 J**

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-9	Apr/May 2013	MW-9	**1.0 J**	1.000 U	**0.7 J**	0.002 U
MW-9	Apr/May 2014	MW-9	2.0 U	1.000 U	3.0 U	0.002 U
MW-9	Apr/May 2014	DUP-5-2Q14	2.0 U	1.000 U	**0.6 J**	0.002 U
MW-10	Apr/May 2013	MW-10	2.0 U	1.000 U	**5.2**	**0.004**
MW-10	Jul 2013	MW-10	NA	NA	3.3 U	**0.002 J**
MW-10	Oct/Nov 2013	MW-10	NA	NA	**2.9 J**	0.001 U
MW-10	Oct/Nov 2013	DUPE-8-4Q13	NA	NA	**3.4**	0.001 U
MW-10	Jan/Feb 2014	MW-10	NA	NA	7.9 U	0.002 U
MW-10	Apr/May 2014	MW-10	2.0 U	1.000 U	**2.4 J**	**0.001 J**
MW-11 Screen 1	Apr/May 2013	MW-11-1	**1.8 J**	1.000 U	**0.5 J**	0.002 U
MW-11 Screen 1	Apr/May 2013	DUP-5-2Q13	2.0 U	1.000 U	3.0 U	0.002 U
MW-11 Screen 1	Jul 2013	MW-11-1	NA	NA	**3.6**	0.002 U
MW-11 Screen 1	Oct/Nov 2013	MW-11-1	NA	NA	3.0 U	0.002 U
MW-11 Screen 1	Jan/Feb 2014	MW-11-1	NA	NA	3.0 U	0.002 U
MW-11 Screen 1	Apr/May 2014	MW-11-1	2.0 U	1.000 U	3.0 U	0.001 U
MW-11 Screen 2	Apr/May 2013	MW-11-2	**1.2 J**	1.000 U	3.0 U	**0.001 J**
MW-11 Screen 2	Jul 2013	MW-11-2	NA	NA	3.0 U	0.002 U
MW-11 Screen 2	Jul 2013	DUPE-6-3Q13	NA	NA	3.0 U	0.002 U
MW-11 Screen 2	Oct/Nov 2013	MW-11-2	NA	NA	3.0 U	0.002 U
MW-11 Screen 2	Jan/Feb 2014	MW-11-2	NA	NA	3.0 U	0.002 U
MW-11 Screen 2	Apr/May 2014	MW-11-2	**0.7 J**	1.000 U	**0.9 J**	0.001 U
MW-11 Screen 3	Apr/May 2013	MW-11-3	**1.4 J**	1.000 U	**0.9 J**	0.002 U
MW-11 Screen 3	Jul 2013	MW-11-3	NA	NA	**0.5 J**	0.002 U
MW-11 Screen 3	Oct/Nov 2013	MW-11-3	NA	NA	3.0 U	0.002 U
MW-11 Screen 3	Jan/Feb 2014	MW-11-3	NA	NA	3.0 U	0.002 U
MW-11 Screen 3	Apr/May 2014	MW-11-3	**1.9 J**	1.000 U	1.0 U	0.001 U
MW-11 Screen 4	Apr/May 2013	MW-11-4	**0.7 J**	1.000 U	**1.3 J**	0.002 U
MW-11 Screen 4	Oct/Nov 2013	MW-11-4	NA	NA	3.0 U	0.002 U
MW-11 Screen 4	Apr/May 2014	MW-11-4	2.0 U	1.000 U	0.9 U	0.001 U
MW-11 Screen 5	Apr/May 2013	MW-11-5	**6.9**	**0.140 J**	**1.7 J**	0.002 U
MW-11 Screen 5	Oct/Nov 2013	MW-11-5	NA	NA	3.0 U	0.002 U
MW-11 Screen 5	Apr/May 2014	MW-11-5	**5.8**	**1.200**	**4.0**	0.001 U
MW-12 Screen 1	Apr/May 2013	MW-12-1	2.0 U	1.000 U	**0.6 J**	0.002 U
MW-12 Screen 1	Jul 2013	MW-12-1	NA	NA	**1.0 J**	0.002 U
MW-12 Screen 1	Oct/Nov 2013	MW-12-1	NA	NA	**1.9 J**	**0.001 J**
MW-12 Screen 1	Jan/Feb 2014	MW-12-1	NA	NA	3.0 U	0.002 U
MW-12 Screen 1	Apr/May 2014	MW-12-1	2.0 U	1.000 U	**1.1 J**	0.002 U
MW-12 Screen 1	Apr/May 2014	DUP-4-2Q14	2.0 U	1.000 U	**1.1 J**	0.002 U
MW-12 Screen 2	Apr/May 2013	MW-12-2	**0.8 J**	1.000 U	**1.1 J**	0.002 U
MW-12 Screen 2	Apr/May 2013	DUP-4-2Q13	2.0 U	1.000 U	**1.2 J**	0.002 U
MW-12 Screen 2	Jul 2013	MW-12-2	NA	NA	**1.6 J**	0.002 U
MW-12 Screen 2	Oct/Nov 2013	MW-12-2	NA	NA	**1.0 J**	0.002 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-12 Screen 2	Jan/Feb 2014	MW-12-2	NA	NA	**1.0 J**	0.002 U
MW-12 Screen 2	Apr/May 2014	MW-12-2	2.0 U	1.000 U	**1.0 J**	0.002 U
MW-12 Screen 3	Apr/May 2013	MW-12-3	**1.3 J**	1.000 U	3.0 U	0.002 U
MW-12 Screen 3	Jul 2013	MW-12-3	NA	NA	3.0 U	0.002 U
MW-12 Screen 3	Oct/Nov 2013	MW-12-3	NA	NA	3.0 U	0.002 U
MW-12 Screen 3	Jan/Feb 2014	MW-12-3	NA	NA	3.0 U	0.002 U
MW-12 Screen 3	Apr/May 2014	MW-12-3	**0.8 J**	1.000 U	3.0 U	0.002 U
MW-12 Screen 4	Apr/May 2013	MW-12-4	**1.7 J**	1.000 U	**0.8 J**	**0.001 J**
MW-12 Screen 4	Oct/Nov 2013	MW-12-4	NA	NA	**0.9 J**	**0.001 J**
MW-12 Screen 4	Apr/May 2014	MW-12-4	**2.3**	1.000 U	3.0 U	0.002 U
MW-12 Screen 5	Apr/May 2013	MW-12-5	**2.2**	1.000 U	**1.8 J**	**0.002**
MW-12 Screen 5	Oct/Nov 2013	MW-12-5	NA	NA	**1.5 J**	**0.002 J**
MW-12 Screen 5	Apr/May 2014	MW-12-5	**1.9 J**	1.000 U	**1.8 J**	**0.001 J**
MW-13	Apr/May 2013	MW-13	**0.7 J**	**0.100 J**	**14.0 J**	**0.005**
MW-13	Jul 2013	MW-13	NA	NA	**140.0**	**0.004**
MW-13	Oct/Nov 2013	MW-13	NA	NA	**67.0**	**0.002 J**
MW-13	Jan/Feb 2014	MW-13	NA	NA	**150.0**	0.002 U
MW-13	Jan/Feb 2014	DUPE-4-1Q14	NA	NA	**150.0**	0.002 U
MW-13	Apr/May 2014	MW-13	2.0 U	1.000 U	**220.0**	0.002 U
MW-14 Screen 1	Apr/May 2013	MW-14-1	2.0 U	1.000 U	**0.8 J**	**0.009**
MW-14 Screen 1	Jul 2013	MW-14-1	NA	NA	**1.3 J**	0.002 U
MW-14 Screen 1	Oct/Nov 2013	MW-14-1	NA	NA	**0.8 J**	0.002 U
MW-14 Screen 1	Oct/Nov 2013	DUPE-2-4Q13	NA	NA	**1.0 J**	0.002 U
MW-14 Screen 1	Jan/Feb 2014	MW-14-1	NA	NA	3.0 U	**0.001 J**
MW-14 Screen 1	Apr/May 2014	MW-14-1	2.0 U	1.000 U	0.7 U	0.002 U
MW-14 Screen 2	Apr/May 2013	MW-14-2	2.0 U	1.000 U	3.0 U	0.002 U
MW-14 Screen 2	Jul 2013	MW-14-2	NA	NA	**1.3 J**	0.002 U
MW-14 Screen 2	Jul 2013	DUPE-2-3Q13	NA	NA	**1.3 J**	0.002 U
MW-14 Screen 2	Oct/Nov 2013	MW-14-2	NA	NA	3.0 U	0.002 U
MW-14 Screen 2	Jan/Feb 2014	MW-14-2	NA	NA	3.0 U	0.002 U
MW-14 Screen 2	Apr/May 2014	MW-14-2	2.0 U	1.000 U	2.2 U	0.002 U
MW-14 Screen 2	Apr/May 2014	DUP-1-2Q14	2.0 U	1.000 U	3.0 U	0.002 U
MW-14 Screen 3	Apr/May 2013	MW-14-3	2.0 U	1.000 U	3.0 U	0.002 U
MW-14 Screen 3	Jul 2013	MW-14-3	NA	NA	**1.1 J**	0.002 U
MW-14 Screen 3	Oct/Nov 2013	MW-14-3	NA	NA	3.0 U	0.002 U
MW-14 Screen 3	Jan/Feb 2014	MW-14-3	NA	NA	**0.8 J**	**0.001 J**
MW-14 Screen 3	Apr/May 2014	MW-14-3	2.0 U	1.000 U	3.0 U	0.001 U
MW-14 Screen 4	Apr/May 2013	MW-14-4	2.0 U	1.000 U	**2.1 J**	**0.001 J**
MW-14 Screen 4	Apr/May 2013	DUP-2-2Q13	2.0 U	1.000 U	**5.0**	**0.001 J**
MW-14 Screen 4	Oct/Nov 2013	MW-14-4	NA	NA	3.0 U	**0.002 J**
MW-14 Screen 4	Apr/May 2014	MW-14-4	2.0 U	1.000 U	2.1 U	0.003 U
MW-14 Screen 5	Apr/May 2013	MW-14-5	**1.3 J**	1.000 U	3.0 U	0.002 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-14 Screen 5	Oct/Nov 2013	MW-14-5	NA	NA	3.0 U	0.002 U
MW-14 Screen 5	Apr/May 2014	MW-14-5	**1.0 J**	0.660 U	3.0 U	0.001 U
MW-15	Apr/May 2013	MW-15	**1.5 J**	1.000 U	**0.5 J**	0.002 U
MW-15	Jul 2013	MW-15	NA	NA	**4.2**	0.002 U
MW-15	Oct/Nov 2013	MW-15	NA	NA	3.0 U	0.002 U
MW-15	Oct/Nov 2013	DUPE-6-4Q13	NA	NA	3.0 U	0.002 U
MW-15	Jan/Feb 2014	MW-15	NA	NA	3.0 U	0.002 U
MW-15	Apr/May 2014	MW-15	**1.0 J**	1.000 U	**1.0 J**	0.002 U
MW-15	Apr/May 2014	DUP-7-2Q14	**1.0 J**	1.000 U	**1.4 J**	0.002 U
MW-16	Apr/May 2013	MW-16	**4.8**	1.000 U	**14.0**	**0.010**
MW-16	Jul 2013	MW-16	NA	NA	**15.0**	**0.014**
MW-16	Oct/Nov 2013	MW-16	NA	NA	**260.0**	**0.014**
MW-16	Oct/Nov 2013	DUPE-7-4Q13	NA	NA	**180.0**	**0.014**
MW-16	Jan/Feb 2014	MW-16	NA	NA	**410.0**	**0.015**
MW-16	Apr/May 2014	MW-16	**11.0**	**3.200**	**690.0**	**0.007**
MW-17 Screen 1	Apr/May 2013	MW-17-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-17 Screen 1	Oct/Nov 2013	MW-17-1	NA	NA	3.0 U	0.002 U
MW-17 Screen 1	Apr/May 2014	MW-17-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-17 Screen 2	Apr/May 2013	MW-17-2	2.0 U	1.000 U	**0.7 J**	0.002 U
MW-17 Screen 2	Jul 2013	MW-17-2	NA	NA	**0.7 J**	0.002 U
MW-17 Screen 2	Oct/Nov 2013	MW-17-2	NA	NA	3.0 U	0.002 U
MW-17 Screen 2	Jan/Feb 2014	MW-17-2	NA	NA	3.0 U	0.002 U
MW-17 Screen 2	Apr/May 2014	MW-17-2	2.0 U	1.000 U	3.0 U	0.002 U
MW-17 Screen 3	Apr/May 2013	MW-17-3	**1.0 J**	1.000 U	**0.6 J**	0.002 U
MW-17 Screen 3	Jul 2013	MW-17-3	NA	NA	**0.9 J**	0.002 U
MW-17 Screen 3	Oct/Nov 2013	MW-17-3	NA	NA	3.0 U	0.002 U
MW-17 Screen 3	Jan/Feb 2014	MW-17-3	NA	NA	3.0 U	0.002 U
MW-17 Screen 3	Apr/May 2014	MW-17-3	**1.0 J**	1.000 U	**1.2 J**	**0.002 J**
MW-17 Screen 4	Apr/May 2013	MW-17-4	**2.4**	1.000 U	**1.1 J**	0.002 U
MW-17 Screen 4	Jul 2013	MW-17-4	NA	NA	**0.6 J**	0.002 U
MW-17 Screen 4	Oct/Nov 2013	MW-17-4	NA	NA	**2.0 J**	**0.002 J**
MW-17 Screen 4	Jan/Feb 2014	MW-17-4	NA	NA	**4.0**	**0.003**
MW-17 Screen 4	Apr/May 2014	MW-17-4	**1.9 J**	1.000 U	**2.5 J**	**0.002**
MW-17 Screen 5	Apr/May 2013	MW-17-5	**6.6**	**0.340 J**	3.0 U	0.002 U
MW-17 Screen 5	Oct/Nov 2013	MW-17-5	NA	NA	3.0 U	0.002 U
MW-17 Screen 5	Apr/May 2014	MW-17-5	**3.3**	**0.250 J**	**1.5 J**	0.002 U
MW-18 Screen 1	Apr/May 2013	MW-18-1	2.0 U	**0.720 J**	3.0 U	0.004 U
MW-18 Screen 2	Apr/May 2013	MW-18-2	**0.9 J**	1.000 U	3.0 U	0.002 U
MW-18 Screen 2	Jul 2013	MW-18-2	NA	NA	**0.6 J**	0.002 U
MW-18 Screen 2	Oct/Nov 2013	MW-18-2	NA	NA	3.0 U	0.002 U
MW-18 Screen 2	Jan/Feb 2014	MW-18-2	NA	NA	3.0 U	0.002 U
MW-18 Screen 2	Apr/May 2014	MW-18-2	2.0 U	1.000 U	3.0 U	0.002 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	Apr/May 2013	MW-18-3	2.0 U	1.000 U	**2.2 J**	**0.001 J**
MW-18 Screen 3	Jul 2013	MW-18-3	NA	NA	**2.8 J**	**0.001 J**
MW-18 Screen 3	Oct/Nov 2013	MW-18-3	NA	NA	**2.9 J**	**0.001 J**
MW-18 Screen 3	Jan/Feb 2014	MW-18-3	NA	NA	**1.8 J**	**0.002 J**
MW-18 Screen 3	Apr/May 2014	MW-18-3	**1.0 J**	1.000 U	2.6 U	**0.002**
MW-18 Screen 3	Apr/May 2014	DUP-3-2Q14	2.0 U	1.000 U	2.7 U	**0.002**
MW-18 Screen 4	Apr/May 2013	MW-18-4	**1.2 J**	1.000 U	**1.2 J**	0.002 U
MW-18 Screen 4	Jul 2013	MW-18-4	NA	NA	**2.5 J**	0.002 U
MW-18 Screen 4	Jul 2013	DUPE-3-3Q13	NA	NA	**2.1 J**	0.002 U
MW-18 Screen 4	Oct/Nov 2013	MW-18-4	NA	NA	**3.5**	**0.001 J**
MW-18 Screen 4	Jan/Feb 2014	MW-18-4	NA	NA	**2.8 J**	**0.002**
MW-18 Screen 4	Apr/May 2014	MW-18-4	**1.5 J**	1.000 U	**3.4**	**0.002**
MW-18 Screen 5	Apr/May 2013	MW-18-5	**1.3 J**	1.000 U	3.0 U	0.002 U
MW-18 Screen 5	Oct/Nov 2013	MW-18-5	NA	NA	3.0 U	0.002 U
MW-18 Screen 5	Apr/May 2014	MW-18-5	**1.0 J**	1.000 U	0.7 U	0.002 U
MW-19 Screen 1	Apr/May 2013	MW-19-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-19 Screen 1	Oct/Nov 2013	MW-19-1	NA	NA	**2.3 J**	0.002 U
MW-19 Screen 1	Apr/May 2014	MW-19-1	2.0 U	1.000 U	0.6 U	0.002 U
MW-19 Screen 2	Apr/May 2013	MW-19-2	2.0 U	1.000 U	**1.7 J**	0.002 U
MW-19 Screen 2	Oct/Nov 2013	MW-19-2	NA	NA	**2.1 J**	0.002 U
MW-19 Screen 2	Apr/May 2014	MW-19-2	2.0 U	1.000 U	2.9 U	**0.001 J**
MW-19 Screen 3	Apr/May 2013	MW-19-3	**0.9 J**	1.000 U	**1.9 J**	**0.001 J**
MW-19 Screen 3	Oct/Nov 2013	MW-19-3	NA	NA	**2.6 J**	0.002 U
MW-19 Screen 3	Apr/May 2014	MW-19-3	**1.0 J**	1.000 U	3.0 U	**0.002 J**
MW-19 Screen 4	Apr/May 2013	MW-19-4	**1.3 J**	1.000 U	**1.1 J**	**0.002 J**
MW-19 Screen 4	Oct/Nov 2013	MW-19-4	NA	NA	**2.5 J**	**0.002 J**
MW-19 Screen 4	Apr/May 2014	MW-19-4	**1.3 J**	1.000 U	**2.6 J**	**0.001 J**
MW-19 Screen 5	Apr/May 2013	MW-19-5	**1.1 J**	1.000 U	3.0 U	0.002 U
MW-19 Screen 5	Oct/Nov 2013	MW-19-5	NA	NA	**1.1 J**	0.002 U
MW-19 Screen 5	Apr/May 2014	MW-19-5	**1.5 J**	1.000 U	**1.4 J**	0.002 U
MW-20 Screen 1	Apr/May 2013	MW-20-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-20 Screen 1	Jul 2013	MW-20-1	NA	NA	**1.1 J**	0.002 U
MW-20 Screen 1	Oct/Nov 2013	MW-20-1	NA	NA	3.0 U	0.002 U
MW-20 Screen 1	Jan/Feb 2014	MW-20-1	NA	NA	3.0 U	0.002 U
MW-20 Screen 1	Jan/Feb 2014	DUPE-2-1Q14	NA	NA	3.0 U	0.002 U
MW-20 Screen 1	Apr/May 2014	MW-20-1	2.0 U	1.000 U	0.8 U	0.002 U
MW-20 Screen 2	Apr/May 2013	MW-20-2	**0.7 J**	1.000 U	3.0 U	0.002 U
MW-20 Screen 2	Jul 2013	MW-20-2	NA	NA	3.0 U	0.002 U
MW-20 Screen 2	Oct/Nov 2013	MW-20-2	NA	NA	3.0 U	0.002 U
MW-20 Screen 2	Jan/Feb 2014	MW-20-2	NA	NA	3.0 U	0.002 U
MW-20 Screen 2	Apr/May 2014	MW-20-2	2.0 U	1.000 U	2.2 U	**0.001 J**
MW-20 Screen 3	Apr/May 2013	MW-20-3	**1.0 J**	1.000 U	3.0 U	0.002 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-20 Screen 3	Apr/May 2013	DUP-1-2Q13	**1.1 J**	1.000 U	3.0 U	0.002 U
MW-20 Screen 3	Jul 2013	MW-20-3	NA	NA	**0.9 J**	0.002 U
MW-20 Screen 3	Oct/Nov 2013	MW-20-3	NA	NA	3.0 U	0.002 U
MW-20 Screen 3	Jan/Feb 2014	MW-20-3	NA	NA	3.0 U	0.002 U
MW-20 Screen 3	Apr/May 2014	MW-20-3	2.0 U	1.000 U	0.9 U	0.002 U
MW-20 Screen 4	Apr/May 2013	MW-20-4	**1.8 J**	1.000 U	**2.8 J**	0.002 U
MW-20 Screen 4	Jul 2013	MW-20-4	NA	NA	**0.9 J**	0.002 U
MW-20 Screen 4	Oct/Nov 2013	MW-20-4	NA	NA	3.0 U	0.002 U
MW-20 Screen 4	Oct/Nov 2013	DUPE-1-4Q13	NA	NA	3.0 U	0.002 U
MW-20 Screen 4	Jan/Feb 2014	MW-20-4	NA	NA	3.0 U	0.002 U
MW-20 Screen 4	Apr/May 2014	MW-20-4	**1.1 J**	1.000 U	0.5 U	0.010 U
MW-20 Screen 5	Apr/May 2013	MW-20-5	2.0 U	1.000 U	3.0 U	0.002 U
MW-20 Screen 5	Jul 2013	MW-20-5	NA	NA	**1.5 J**	0.002 U
MW-20 Screen 5	Oct/Nov 2013	MW-20-5	NA	NA	3.0 U	0.002 U
MW-20 Screen 5	Jan/Feb 2014	MW-20-5	NA	NA	3.0 U	**0.001 J**
MW-20 Screen 5	Apr/May 2014	MW-20-5	2.0 U	1.000 U	0.7 U	0.002 U
MW-21 Screen 1	Apr/May 2013	MW-21-1	2.0 U	1.000 U	**1.4 J**	**0.001 J**
MW-21 Screen 1	Jul 2013	MW-21-1	NA	NA	1.4 U	**0.001 J**
MW-21 Screen 1	Oct/Nov 2013	MW-21-1	NA	NA	3.9 U	0.002 U
MW-21 Screen 1	Jan/Feb 2014	MW-21-1	NA	NA	**1.8 J**	**0.002**
MW-21 Screen 1	Apr/May 2014	MW-21-1	2.0 U	1.000 U	**1.6 J**	0.002 U
MW-21 Screen 2	Apr/May 2013	MW-21-2	2.0 U	1.000 U	**3.3**	**0.001 J**
MW-21 Screen 2	Jul 2013	MW-21-2	NA	NA	1.2 U	0.002 U
MW-21 Screen 2	Oct/Nov 2013	MW-21-2	NA	NA	1.3 U	0.002 U
MW-21 Screen 2	Jan/Feb 2014	MW-21-2	NA	NA	3.0 U	**0.001 J**
MW-21 Screen 2	Apr/May 2014	MW-21-2	2.0 U	1.000 U	3.0 U	0.002 U
MW-21 Screen 3	Apr/May 2013	MW-21-3	**0.9 J**	1.000 U	**0.7 J**	**0.001 J**
MW-21 Screen 3	Jul 2013	MW-21-3	NA	NA	1.0 U	0.002 U
MW-21 Screen 3	Oct/Nov 2013	MW-21-3	NA	NA	2.0 U	0.002 U
MW-21 Screen 3	Jan/Feb 2014	MW-21-3	NA	NA	**0.6 J**	**0.001 J**
MW-21 Screen 3	Apr/May 2014	MW-21-3	2.0 U	1.000 U	3.0 U	0.002 U
MW-21 Screen 4	Apr/May 2013	MW-21-4	**0.8 J**	1.000 U	**1.5 J**	**0.001 J**
MW-21 Screen 4	Jul 2013	MW-21-4	NA	NA	**1.6 J**	0.002 U
MW-21 Screen 4	Jul 2013	DUPE-7-3Q13	NA	NA	**1.6 J**	0.002 U
MW-21 Screen 4	Oct/Nov 2013	MW-21-4	NA	NA	1.9 U	0.002 U
MW-21 Screen 4	Jan/Feb 2014	MW-21-4	NA	NA	**0.9 J**	**0.001 J**
MW-21 Screen 4	Apr/May 2014	MW-21-4	2.0 U	1.000 U	**1.2 J**	0.002 U
MW-21 Screen 5	Apr/May 2013	MW-21-5	**1.6 J**	1.000 U	**1.9 J**	**0.002 J**
MW-21 Screen 5	Jul 2013	MW-21-5	NA	NA	**1.7 J**	**0.001 J**
MW-21 Screen 5	Oct/Nov 2013	MW-21-5	NA	NA	2.3 U	**0.001 J**
MW-21 Screen 5	Jan/Feb 2014	MW-21-5	NA	NA	1.1 U	**0.002 J**
MW-21 Screen 5	Apr/May 2014	MW-21-5	2.0 U	1.000 U	**1.2 J**	0.002 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-22 Screen 1	Apr/May 2013	MW-22-1	2.0 U	1.000 U	**0.6 J**	0.002 U
MW-22 Screen 1	Jul 2013	MW-22-1	NA	NA	**0.9 J**	0.002 U
MW-22 Screen 1	Oct/Nov 2013	MW-22-1	NA	NA	1.0 U	0.002 U
MW-22 Screen 1	Jan/Feb 2014	MW-22-1	NA	NA	**2.7 J**	0.002 U
MW-22 Screen 1	Apr/May 2014	MW-22-1	2.0 U	1.000 U	0.7 U	0.002 U
MW-22 Screen 2	Apr/May 2013	MW-22-2	**0.9 J**	1.000 U	**1.7 J**	**0.001 J**
MW-22 Screen 2	Jul 2013	MW-22-2	NA	NA	**1.9 J**	**0.001 J**
MW-22 Screen 2	Oct/Nov 2013	MW-22-2	NA	NA	2.4 U	**0.001 J**
MW-22 Screen 2	Jan/Feb 2014	MW-22-2	NA	NA	**1.4 J**	0.002 U
MW-22 Screen 2	Apr/May 2014	MW-22-2	1.2 U	1.000 U	1.7 U	0.002 U
MW-22 Screen 3	Apr/May 2013	MW-22-3	2.0 U	1.000 U	**2.1 J**	**0.002 J**
MW-22 Screen 3	Apr/May 2013	DUP-3-2Q13	2.0 U	1.000 U	**2.0 J**	**0.001 J**
MW-22 Screen 3	Jul 2013	MW-22-3	NA	NA	**2.7 J**	**0.002 J**
MW-22 Screen 3	Oct/Nov 2013	MW-22-3	NA	NA	3.2 U	**0.002**
MW-22 Screen 3	Jan/Feb 2014	MW-22-3	NA	NA	**1.4 J**	0.003 U
MW-22 Screen 3	Apr/May 2014	MW-22-3	1.2 U	1.000 U	2.5 U	0.003 U
MW-22 Screen 4	Apr/May 2013	MW-22-4	**1.0 J**	1.000 U	**2.2 J**	**0.001 J**
MW-22 Screen 4	Oct/Nov 2013	MW-22-4	NA	NA	2.0 U	**0.002 J**
MW-22 Screen 4	Apr/May 2014	MW-22-4	1.1 U	1.000 U	1.9 U	0.002 U
MW-22 Screen 5	Apr/May 2013	MW-22-5	2.0 U	1.000 U	3.0 U	0.002 U
MW-22 Screen 5	Oct/Nov 2013	MW-22-5	NA	NA	3.0 U	0.002 U
MW-22 Screen 5	Apr/May 2014	MW-22-5	0.7 U	1.000 U	3.0 U	0.002 U
MW-23 Screen 1	Apr/May 2013	MW-23-1	2.0 U	1.000 U	**2.7 J**	0.002 U
MW-23 Screen 1	Jul 2013	MW-23-1	NA	NA	**7.0**	0.002 U
MW-23 Screen 1	Oct/Nov 2013	MW-23-1	NA	NA	**2.0 J**	0.002 U
MW-23 Screen 1	Jan/Feb 2014	MW-23-1	NA	NA	**1.6 J**	0.002 U
MW-23 Screen 1	Apr/May 2014	MW-23-1	2.0 U	1.000 U	1.0 U	0.001 U
MW-23 Screen 2	Apr/May 2013	MW-23-2	**0.8 J**	1.000 U	**1.9 J**	**0.002 J**
MW-23 Screen 2	Jul 2013	MW-23-2	NA	NA	**1.4 J**	**0.001 J**
MW-23 Screen 2	Oct/Nov 2013	MW-23-2	NA	NA	**0.9 J**	**0.001 J**
MW-23 Screen 2	Jan/Feb 2014	MW-23-2	NA	NA	**1.2 J**	0.002 U
MW-23 Screen 2	Apr/May 2014	MW-23-2	2.0 U	1.000 U	0.6 U	0.002 U
MW-23 Screen 3	Apr/May 2013	MW-23-3	**1.2 J**	1.000 U	**3.0**	**0.003 J**
MW-23 Screen 3	Jul 2013	MW-23-3	NA	NA	**3.1**	**0.003**
MW-23 Screen 3	Oct/Nov 2013	MW-23-3	NA	NA	**2.7 J**	**0.003**
MW-23 Screen 3	Jan/Feb 2014	MW-23-3	NA	NA	**3.1**	0.003 U
MW-23 Screen 3	Apr/May 2014	MW-23-3	**1.0 J**	1.000 U	3.1 U	0.004 U
MW-23 Screen 4	Apr/May 2013	MW-23-4	**1.7 J**	1.000 U	**2.7 J**	**0.002 J**
MW-23 Screen 4	Jul 2013	MW-23-4	NA	NA	**3.3**	**0.002 J**
MW-23 Screen 4	Oct/Nov 2013	MW-23-4	NA	NA	**2.3 J**	**0.003**
MW-23 Screen 4	Jan/Feb 2014	MW-23-4	NA	NA	**2.6 J**	**0.003**
MW-23 Screen 4	Apr/May 2014	MW-23-4	**1.3 J**	1.000 U	3.1 U	0.004 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-23 Screen 5	Apr/May 2013	MW-23-5	**3.7**	**0.150 J**	3.0 U	0.002 U
MW-23 Screen 5	Oct/Nov 2013	MW-23-5	NA	NA	3.0 U	0.002 U
MW-23 Screen 5	Apr/May 2014	MW-23-5	2.0 U	1.000 U	0.6 U	0.001 U
MW-24 Screen 1	Apr/May 2013	MW-24-1	2.0 U	1.000 U	**20.0**	**0.002**
MW-24 Screen 1	Jul 2013	MW-24-1	NA	NA	**13.0**	**0.007**
MW-24 Screen 1	Oct/Nov 2013	MW-24-1	NA	NA	**9.9**	**0.006**
MW-24 Screen 1	Jan/Feb 2014	MW-24-1	NA	NA	**16.0**	0.002 U
MW-24 Screen 1	Apr/May 2014	MW-24-1	2.0 U	1.000 U	**16.0**	**0.006**
MW-24 Screen 2	Apr/May 2013	MW-24-2	**2.4**	1.000 U	**1.8 J**	**0.002**
MW-24 Screen 2	Jul 2013	MW-24-2	NA	NA	**2.4 J**	**0.001 J**
MW-24 Screen 2	Oct/Nov 2013	MW-24-2	NA	NA	2.3 U	**0.002 J**
MW-24 Screen 2	Jan/Feb 2014	MW-24-2	NA	NA	**2.6 J**	**0.002**
MW-24 Screen 2	Apr/May 2014	MW-24-2	**2.2**	1.000 U	**2.0 J**	**0.003**
MW-24 Screen 2	Apr/May 2014	DUP-2-2Q14	**2.5**	1.000 U	**2.4 J**	**0.003**
MW-24 Screen 3	Apr/May 2013	MW-24-3	**2.3**	1.000 U	3.0 U	0.004 U
MW-24 Screen 3	Jul 2013	MW-24-3	NA	NA	3.0 U	0.002 U
MW-24 Screen 3	Oct/Nov 2013	MW-24-3	NA	NA	3.0 U	0.002 U
MW-24 Screen 3	Jan/Feb 2014	MW-24-3	NA	NA	3.0 U	0.002 U
MW-24 Screen 3	Apr/May 2014	MW-24-3	2.2 U	1.000 U	3.0 U	0.001 U
MW-24 Screen 4	Apr/May 2013	MW-24-4	**1.1 J**	1.000 U	3.0 U	0.002 U
MW-24 Screen 4	Jul 2013	MW-24-4	NA	NA	**0.6 J**	0.002 U
MW-24 Screen 4	Oct/Nov 2013	MW-24-4	NA	NA	3.0 U	0.002 U
MW-24 Screen 4	Jan/Feb 2014	MW-24-4	NA	NA	3.0 U	0.002 U
MW-24 Screen 4	Apr/May 2014	MW-24-4	1.3 U	1.000 U	0.6 U	0.002 U
MW-24 Screen 5	Apr/May 2013	MW-24-5	**2.4**	0.140 U	**2.3 J**	**0.003**
MW-24 Screen 5	Oct/Nov 2013	MW-24-5	NA	NA	3.1 U	**0.001 J**
MW-24 Screen 5	Apr/May 2014	MW-24-5	2.4 U	1.000 U	2.5 U	0.003 U
MW-25 Screen 1	Apr/May 2013	MW-25-1	2.0 U	1.000 U	**1.6 J**	0.002 U
MW-25 Screen 1	Jul 2013	MW-25-1	NA	NA	**1.7 J**	0.002 U
MW-25 Screen 1	Oct/Nov 2013	MW-25-1	NA	NA	2.3 U	0.002 U
MW-25 Screen 1	Jan/Feb 2014	MW-25-1	NA	NA	2.0 U	0.002 U
MW-25 Screen 1	Apr/May 2014	MW-25-1	2.0 U	1.000 U	**1.5 J**	0.002 U
MW-25 Screen 2	Apr/May 2013	MW-25-2	**0.8 J**	1.000 U	**2.8 J**	**0.002 J**
MW-25 Screen 2	Jul 2013	MW-25-2	NA	NA	**2.9 J**	**0.002 J**
MW-25 Screen 2	Oct/Nov 2013	MW-25-2	NA	NA	**2.5 J**	**0.001 J**
MW-25 Screen 2	Oct/Nov 2013	DUPE-4-4Q13	NA	NA	3.7 U	**0.001 J**
MW-25 Screen 2	Jan/Feb 2014	MW-25-2	NA	NA	**4.0**	**0.002 J**
MW-25 Screen 2	Apr/May 2014	MW-25-2	**0.8 J**	1.000 U	2.8 U	**0.002 J**
MW-25 Screen 3	Apr/May 2013	MW-25-3	**0.9 J**	**0.230 J**	**3.2**	**0.002 J**
MW-25 Screen 3	Jul 2013	MW-25-3	NA	NA	**3.3**	**0.003**
MW-25 Screen 3	Jul 2013	DUPE-4-3Q13	NA	NA	**3.1**	**0.003**
MW-25 Screen 3	Oct/Nov 2013	MW-25-3	NA	NA	**2.4 J**	**0.002**

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-25 Screen 3	Jan/Feb 2014	MW-25-3	NA	NA	**1.8 J**	**0.003**
MW-25 Screen 3	Apr/May 2014	MW-25-3	**1.0 J**	1.000 U	2.7 U	**0.003**
MW-25 Screen 4	Apr/May 2013	MW-25-4	**0.8 J**	1.000 U	**1.3 J**	0.002 U
MW-25 Screen 4	Jul 2013	MW-25-4	NA	NA	**1.5 J**	0.002 U
MW-25 Screen 4	Oct/Nov 2013	MW-25-4	NA	NA	**1.1 J**	0.002 U
MW-25 Screen 4	Jan/Feb 2014	MW-25-4	NA	NA	**0.9 J**	**0.001 J**
MW-25 Screen 4	Apr/May 2014	MW-25-4	**0.8 J**	1.000 U	1.4 U	**0.001 J**
MW-25 Screen 5	Apr/May 2013	MW-25-5	**2.1**	**0.370 J**	3.0 U	0.002 U
MW-25 Screen 5	Jul 2013	MW-25-5	NA	NA	3.0 U	0.002 U
MW-25 Screen 5	Oct/Nov 2013	MW-25-5	NA	NA	3.0 U	0.002 U
MW-25 Screen 5	Jan/Feb 2014	MW-25-5	NA	NA	3.0 U	0.002 U
MW-25 Screen 5	Apr/May 2014	MW-25-5	**1.7 J**	1.000 U	3.0 U	0.002 U
MW-26 Screen 1	Apr/May 2013	MW-26-1	2.0 U	**0.130 J**	**0.9 J**	0.002 U
MW-26 Screen 1	Jul 2013	MW-26-1	NA	NA	3.0 U	0.002 U
MW-26 Screen 1	Oct/Nov 2013	MW-26-1	NA	NA	3.0 U	0.002 U
MW-26 Screen 1	Oct/Nov 2013	DUPE-3-4Q13	NA	NA	**7.2**	0.002 U
MW-26 Screen 1	Jan/Feb 2014	MW-26-1	NA	NA	3.0 U	0.002 U
MW-26 Screen 1	Apr/May 2014	MW-26-1	2.0 U	1.000 U	3.0 U	0.002 U
MW-26 Screen 2	Apr/May 2013	MW-26-2	**1.2 J**	1.000 U	**2.9 J**	0.002 U

Sample Location	Sampling Event	Sample Number	Arsenic (µg/L)	Lead (µg/L)	Chromium, Total (µg/L)	Chromium, Hexavalent (mg/L)
MW-26 Screen 2	Jul 2013	MW-26-2	NA	NA	**2.6 J**	0.002 U
MW-26 Screen 2	Oct/Nov 2013	MW-26-2	NA	NA	**2.1 J**	0.002 U
MW-26 Screen 2	Jan/Feb 2014	MW-26-2	NA	NA	3.0 U	0.001 U
MW-26 Screen 2	Apr/May 2014	MW-26-2	**2.3**	1.000 U	**5.0**	0.002 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. On August 23, 2013, the California Department of Public Health (CDPH) proposed to establish a specific MCL for Cr(VI) at a concentration of 0.010 milligram per liter (10.0 µg/L equivalent). On July 1, 2014, the CDPH adopted an MCL for Cr (VI) of 10.0 ug/L. The MCL was adopted after sampling occurred for the second quarter 2014 groundwater monitoring event.
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 FIVE 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	5/07/13	**18.0**	**1.1**	0.5 U	**1.3**
		5/14/13	**18.0**	NA	NA	NA
		5/21/13	**18.0**	NA	NA	NA
		5/28/13	**18.0**	NA	NA	NA
		6/04/13	**18.0**	**1.1**	0.5 U	**1.4**
		6/11/13	**16.0**	NA	NA	NA
		6/18/13	**16.0**	NA	NA	NA
		6/25/13	**16.0**	NA	NA	NA
		7/02/13	**16.0**	**1.4**	**0.4**	**1.6**
		7/09/13	**18.0**	NA	NA	NA
		7/16/13	**18.0**	NA	NA	NA
		7/23/13	**19.0**	NA	NA	NA
		7/30/13	**17.0**	NA	NA	NA
		8/06/13	**17.0**	**1.1**	0.5 U	**1.2**
		8/13/13	**18.0**	NA	NA	NA
		8/20/13	**17.0**	NA	NA	NA
		8/26/13	NA	**1.3**	0.5 U	**1.5**
		8/27/13	**17.0**	NA	NA	NA
		9/03/13	**17.0**	**1.4**	0.5 U	**1.6**
		9/10/13	**19.0**	NA	NA	NA
		9/17/13	**19.0**	NA	NA	NA
		9/24/13	**19.0**	NA	NA	NA
		11/05/13	**25.0**	**1.8**	0.5 U	**1.8**
		11/12/13	**24.0**	NA	NA	NA
		11/19/13	**22.0**	NA	NA	NA
		12/03/13	**26.0**	**2.0**	0.5 U	**1.9**
		12/10/13	**27.0**	NA	NA	NA
		12/17/13	**29.0**	NA	NA	NA
		12/23/13	**27.0**	NA	NA	NA
		2/11/14	**13.0**	NA	NA	NA
		2/18/14	**28.0**	NA	NA	NA
		2/25/14	**27.0**	NA	NA	NA
		3/04/14	**30.0**	**2.0**	0.5 U	**1.9**
		3/14/14	**29.0**	NA	NA	NA
		3/18/14	**27.0**	NA	NA	NA
		3/25/14	**27.0**	NA	NA	NA
		4/01/14	**26.0**	**2.5**	**0.6**	**2.6**
		4/08/14	**25.0**	NA	NA	NA
		4/15/14	**25.0**	NA	NA	NA
		4/22/14	**25.0**	NA	NA	NA
		4/29/14	**24.0**	NA	NA	NA
	WELL 05	5/07/13	**18.0**	**2.0**	**0.6**	**1.9**
		5/14/13	**19.0**	NA	NA	NA

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LINCOLN AVENUE WATER CO. (con't)	WELL 05 (con't)	5/21/13	**18.0**	NA	NA	NA
		5/28/13	**19.0**	NA	NA	NA
		6/04/13	**18.0**	**1.9**	**0.6**	**2.0**
		6/11/13	**17.0**	NA	NA	NA
		6/18/13	**16.0**	NA	NA	NA
		6/25/13	**17.0**	NA	NA	NA
		7/02/13	**16.0**	**2.0**	**0.7**	**1.9**
		7/09/13	**17.0**	NA	NA	NA
		7/16/13	**19.0**	NA	NA	NA
		7/23/13	**17.0**	NA	NA	NA
		7/30/13	**17.0**	NA	NA	NA
		8/06/13	**16.0**	**1.8**	**0.6**	**1.6**
		8/13/13	**17.0**	NA	NA	NA
		8/20/13	**16.0**	NA	NA	NA
		8/27/13	**17.0**	NA	NA	NA
		9/03/13	**18.0**	**1.9**	**0.6**	**1.8**
		9/10/13	**16.0**	NA	NA	NA
		9/17/13	**16.0**	NA	NA	NA
		9/24/13	**16.0**	NA	NA	NA
		11/05/13	**15.0**	**1.5**	0.5 U	**1.5**
		11/12/13	**14.0**	NA	NA	NA
		11/19/13	**14.0**	NA	NA	NA
		11/26/13	**15.0**	NA	NA	NA
		12/04/13	**14.0**	**1.5**	**0.5**	**1.3**
		12/10/13	**14.0**	NA	NA	NA
		12/17/13	**16.0**	NA	NA	NA
		12/23/13	**13.0**	NA	NA	NA
		2/11/14	**27.0**	NA	NA	NA
		2/20/14	**13.0**	NA	NA	NA
		2/25/14	**13.0**	NA	NA	NA
		3/14/14	**14.0**	**2.5**	**0.8**	**2.0**
		3/18/14	**12.0**	NA	NA	NA
		3/25/14	**11.0**	NA	NA	NA
		4/01/14	**12.0**	**1.5**	**0.6**	**1.6**
		4/08/14	**12.0**	NA	NA	NA
		4/15/14	**13.0**	NA	NA	NA
		4/22/14	**10.0**	NA	NA	NA
		4/29/14	**11.0**	NA	NA	NA
RUBIO CANON LAND & WATER ASSOCIATION	WELL 04	5/13/13	4.0 U	NA	NA	NA
		5/20/13	4.0 U	NA	NA	NA
		5/28/13	4.0 U	NA	NA	NA
		6/03/13	4.0 U	NA	NA	NA
		6/10/13	4.0 U	NA	NA	NA
		6/17/13	4.0 U	NA	NA	NA
		6/24/13	4.0 U	NA	NA	NA
		7/01/13	4.0 U	NA	NA	NA
		7/08/13	4.0 U	NA	NA	NA
		7/15/13	4.0 U	NA	NA	NA
		7/22/13	4.0 U	NA	NA	NA
		7/29/13	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)	8/05/13	4.0 U	NA	NA	NA
		8/12/13	4.0 U	NA	NA	NA
		8/19/13	4.0 U	NA	NA	NA
		8/26/13	4.0 U	NA	NA	NA
		9/03/13	4.0 U	NA	NA	NA
		9/09/13	4.0 U	NA	NA	NA
		9/16/13	4.0 U	NA	NA	NA
		9/19/13	4.0 U	NA	NA	NA
		9/23/13	4.0 U	NA	NA	NA
		11/04/13	4.0 U	NA	NA	NA
		11/12/13	4.0 U	NA	NA	NA
		11/18/13	4.0 U	NA	NA	NA
		11/25/13	4.0 U	NA	NA	NA
		12/02/13	4.0 U	NA	NA	NA
		12/09/13	4.0 U	NA	NA	NA
		12/16/13	4.0 U	NA	NA	NA
		12/23/13	4.0 U	NA	NA	NA
		2/10/14	4.0 U	NA	NA	NA
		2/18/14	4.0 U	NA	NA	NA
		2/24/14	4.0 U	NA	NA	NA
		3/03/14	4.0 U	NA	NA	NA
		3/10/14	4.0 U	NA	NA	NA
		3/17/14	4.0 U	NA	NA	NA
		3/24/14	4.0 U	NA	NA	NA
		3/31/14	4.0 U	NA	NA	NA
		4/07/14	4.0 U	NA	NA	NA
		4/14/14	4.0 U	NA	NA	NA
		4/21/14	4.0 U	NA	NA	NA
		4/28/14	4.0 U	NA	NA	NA
	WELL 07	5/28/13	4.0 U	NA	NA	NA
		6/03/13	4.0 U	NA	NA	NA
		6/10/13	4.0 U	NA	NA	NA
		6/17/13	4.0 U	NA	NA	NA
		6/24/13	4.0 U	NA	NA	NA
		7/01/13	4.0 U	NA	**0.5**	NA
		7/08/13	4.0 U	NA	NA	NA
		7/15/13	4.0 U	NA	NA	NA
		7/22/13	4.0 U	NA	NA	NA
		7/29/13	4.0 U	NA	NA	NA
		8/05/13	4.0 U	NA	NA	NA
		8/12/13	4.0 U	NA	NA	NA
		8/19/13	4.0 U	NA	NA	NA
		8/26/13	4.0 U	NA	NA	NA
		9/03/13	4.0 U	NA	NA	NA
		9/09/13	4.0 U	NA	NA	NA
		9/16/13	4.0 U	NA	NA	NA
		9/19/13	4.0 U	NA	NA	NA
		9/23/13	4.0 U	NA	NA	NA
		2/10/14	4.0 U	NA	NA	NA
		2/18/14	4.0 U	NA	NA	NA

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
RUBIO CANON LAND & WATER ASSOCIATION (con't)	WELL 07 (con't)	2/24/14	4.0 U	NA	NA	NA
		3/03/14	4.0 U	NA	NA	NA
		3/10/14	4.0 U	NA	NA	NA
		3/17/14	4.0 U	NA	NA	NA
		3/24/14	4.0 U	NA	NA	NA
		3/31/14	4.0 U	NA	NA	NA
		4/07/14	4.0 U	NA	0.5 U	NA
		4/14/14	4.0 U	NA	NA	NA
		4/21/14	4.0 U	NA	NA	NA
		4/28/14	4.0 U	NA	NA	NA
LAS FLORES WATER CO.	WELL 02	5/13/13	**5.0**	NA	0.5 U	NA
		5/20/13	**4.5**	NA	0.5 U	NA
		5/28/13	**5.5**	NA	0.5 U	NA
		6/03/13	**5.2**	NA	0.5 U	NA
		6/10/13	**4.9**	NA	0.5 U	NA
		6/17/13	**4.7**	NA	0.5 U	NA
		6/24/13	**4.0**	NA	0.5 U	NA
		7/01/13	4.0 U	NA	**0.5**	NA
		7/08/13	**4.3**	NA	0.5 U	NA
		7/15/13	4.0 U	NA	**0.5**	NA
		7/22/13	**4.0**	NA	**0.6**	NA
		7/29/13	**4.5**	NA	**0.6**	NA
		8/05/13	**4.0**	NA	0.5 U	NA
		8/12/13	**5.2**	NA	**0.6**	NA
		8/19/13	**5.6**	NA	**0.5**	NA
		8/26/13	**5.3**	NA	**0.6**	NA
		9/03/13	**5.5**	NA	**0.6**	NA
		9/09/13	**5.7**	NA	**0.8**	NA
		9/16/13	**4.8**	NA	**0.7**	NA
		9/23/13	**5.2**	NA	**0.7**	NA
		11/04/13	**5.1**	NA	**1.2**	NA
		11/11/13	**4.8**	NA	**1.3**	NA
		11/18/13	**4.6**	NA	**1.3**	NA
		11/25/13	**4.3**	NA	**1.5**	NA
		12/02/13	4.0 U	NA	**1.5**	NA
		12/09/13	**4.8**	NA	**1.7**	NA
		12/16/13	**4.9**	NA	**1.7**	NA
		12/23/13	**4.8**	NA	**1.8**	NA
		2/10/14	**4.3**	0.5 U	**2.6**	0.5 U
		2/18/14	**5.1**	NA	**2.8**	NA
		2/24/14	**5.0**	NA	**2.6**	NA
		3/03/14	**4.5**	NA	**2.7**	NA
		3/10/14	**5.2**	NA	**4.8**	NA
		3/17/14	**4.2**	NA	**3.9**	NA
		3/24/14	**4.7**	NA	**3.9**	NA
		3/31/14	**5.6**	NA	**4.1**	NA
		4/07/14	**4.7**	NA	**3.1**	NA
		4/14/14	**4.9**	NA	**3.3**	NA
		4/21/14	4.0 U	NA	**3.9**	NA
		4/28/14	**5.4**	NA	**3.4**	NA

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
LA CANADA IRRIGATION DIST.	WELL 01	5/20/13	4.0 U	NA	NA	NA
		6/10/13	NA	NA	**0.6**	**1.7**
		8/19/13	4.0 U	NA	NA	NA
		9/03/13	NA	NA	**0.7**	**1.9**
		11/25/13	4.0 U	NA	NA	NA
		2/24/14	4.0 U	NA	NA	NA
	WELL 06	6/17/13	NA	NA	0.5 U	**0.8**
		7/29/13	4.0 U	NA	NA	NA
		9/09/13	NA	NA	0.5 U	0.5 U
		3/17/14	NA	NA	**0.6**	**1.4**
VALLEY WATER CO.	WELL 01	5/07/13	NA	0.5 U	**1.6**	0.5 U
		6/03/13	4.0 U	NA	NA	NA
		6/10/13	NA	0.5 U	**1.5**	**1.1**
		7/02/13	**4.5**	0.5 U	**2.2**	**1.2**
		8/06/13	4.0 U	0.5 U	0.5 U	0.5 U
		9/03/13	**5.2**	0.5 U	**1.8**	**1.3**
		10/03/13	4.0 U	0.5 U	**1.8**	**1.5**
		5/07/14	NA	0.5 U	**2.6**	0.5 U
	WELL 02	5/07/13	NA	0.5 U	**3.8**	**0.5**
		6/10/13	4.0 U	0.5 U	**3.4**	**0.5**
		7/02/13	**4.1**	0.5 U	**4.3**	**0.6**
		8/06/13	4.0 U	0.5 U	0.5 U	0.5 U
		9/03/13	**5.3**	0.5 U	**2.2**	**0.8**
		10/03/13	4.0 U	0.5 U	**1.5**	**0.9**
		5/07/14	NA	0.5 U	**3.1**	**0.9**
	WELL 03	5/07/13	NA	0.5 U	**1.5**	**1.1**
		6/10/13	**4.2**	0.5 U	**1.2**	**1.1**
		7/02/13	**4.9**	0.5 U	**1.6**	**1.2**
		8/06/13	4.0 U	0.5 U	0.5 U	0.5 U
		9/03/13	**4.1**	NA	NA	NA
		5/07/14	NA	0.5 U	**1.8**	**1.1**
	WELL 04	5/07/13	NA	0.5 U	**1.3**	**1.7**
		6/03/13	4.0 U	NA	NA	NA
		6/10/13	NA	0.5 U	**1.4**	**1.3**
		7/02/13	**4.1**	0.5 U	**2.0**	**1.5**
		8/06/13	4.0 U	0.5 U	0.5 U	0.5 U
		9/03/13	4.6 U	NA	NA	NA
		5/07/14	NA	0.5 U	**1.5**	**2.0**
PASADENA-CITY, WATER DEPT.	ARROYO	5/07/13	**45.5**	**2.2**	0.5 U	**0.6**
		5/14/13	**31.4**	**1.7**	0.5 U	**0.5**
		5/22/13	**31.7**	**1.9**	0.5 U	**0.6**
		5/28/13	**28.5**	**2.8**	0.5 U	**0.6**
		6/04/13	**29.6**	**2.7**	0.5 U	**0.6**
		6/11/13	**30.2**	**2.1**	0.5 U	**0.6**
		6/18/13	**31.4**	**1.7**	0.5 U	**0.6**
		6/25/13	**25.7**	**1.7**	0.5 U	**0.6**
		7/02/13	**28.1**	**1.5**	0.5 U	**0.6**
		7/09/13	**27.8**	**1.1**	0.5 U	**0.5**
		7/16/13	**28.2**	**1.7**	0.5 U	**0.6**
		7/23/13	**27.0**	**1.5**	0.5 U	**0.6**

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
PASADENA-CITY, WATER DEPT. (con't)	ARROYO (con't)	8/02/13	**28.5**	**1.6**	0.5 U	**0.6**
		8/06/13	**28.7**	**1.7**	0.5 U	**0.7**
		8/13/13	**29.9**	**1.5**	0.5 U	**0.6**
		8/20/13	**26.9**	**2.4**	0.5 U	**0.6**
		8/27/13	**29.6**	**2.3**	0.5 U	**0.6**
		9/03/13	**26.1**	**1.9**	0.5 U	**0.7**
		9/10/13	**28.5**	**1.5**	0.5 U	**0.7**
		9/17/13	**27.2**	**2.0**	0.5 U	**0.7**
		9/24/13	**23.9**	**1.7**	0.5 U	**0.7**
		11/05/13	**28.3**	**1.4**	0.5 U	**0.6**
		11/13/13	**28.9**	**1.8**	0.5 U	**0.6**
		11/19/13	**26.2**	**1.8**	0.5 U	**0.7**
		11/26/13	**23.9**	**1.8**	0.5 U	**0.7**
		12/03/13	**24.4**	**1.6**	0.5 U	**0.6**
		12/10/13	**25.1**	**1.7**	0.5 U	**0.6**
		12/17/13	**24.3**	**1.9**	0.5 U	**0.7**
		12/24/13	**25.1**	**1.7**	0.5 U	**0.7**
		12/31/13	**24.8**	**1.7**	0.5 U	**0.8**
		2/11/14	**25.2**	**1.5**	0.5 U	**0.7**
		2/18/14	**24.8**	**1.6**	0.5 U	**0.7**
		2/25/14	**23.8**	**1.6**	0.5 U	**0.6**
		3/11/14	**23.1**	**1.0**	0.5 U	0.5 U
		3/18/14	**23.8**	**1.4**	0.5 U	**0.5**
		3/25/14	**25.0**	**1.4**	0.5 U	**0.5**
		4/01/14	**25.5**	**1.3**	0.5 U	**0.5**
		4/08/14	**26.0**	**1.3**	0.5 U	**0.6**
		4/15/14	**23.7**	**1.2**	0.5 U	**0.6**
		4/22/14	NA	**1.6**	0.5 U	**0.7**
		4/29/14	NA	**1.4**	0.5 U	**0.6**
	VENTURA	8/14/13	**5.9**	0.5 U	**0.8**	**4.2**
		9/10/13	**5.5**	0.5 U	**1.0**	**4.6**
		11/19/13	**4.2**	0.5 U	**1.0**	**4.3**
		12/19/13	**4.6**	0.5 U	**1.0**	**4.5**
		2/18/14	**5.6**	0.5 U	**1.0**	**4.3**
		2/25/14	**4.8**	0.5 U	**1.0**	**4.4**
		3/11/14	**5.7**	0.5 U	**1.1**	**4.3**
		3/18/14	**6.1**	0.5 U	**1.0**	**4.2**
		3/25/14	**7.7**	0.5 U	**1.0**	**4.4**
		4/01/14	**7.7**	0.5 U	**0.9**	**4.0**
		4/08/14	**6.3**	0.5 U	**0.9**	**4.2**
		4/15/14	**5.7**	NA	NA	NA
		4/22/14	NA	0.5 U	**1.0**	**4.6**
		4/29/14	NA	0.5 U	**0.9**	**4.1**
	WELL 52	8/14/13	**7.5**	0.5 U	**0.8**	**4.2**
		9/10/13	**8.0**	0.5 U	**0.7**	**2.4**
		9/17/13	**7.7**	0.5 U	**0.6**	**2.2**
		9/24/13	**6.9**	0.5 U	**0.6**	**2.2**
		11/05/13	**6.8**	0.5 U	0.5 U	**1.7**
		11/13/13	**6.5**	0.5 U	**0.6**	**2.1**
		11/19/13	**6.3**	0.5 U	**0.6**	**2.1**

Purveyor	Well Name	Sample Date	Perchlorate	Carbon Tetrachloride	PCE	TCE
PASADENA-CITY, WATER DEPT. (con't)	WELL 52 (con't)	11/26/13	**5.8**	0.5 U	**0.6**	**2.1**
		12/03/13	**6.3**	0.5 U	**0.6**	**2.0**
		12/10/13	**6.0**	0.5 U	**0.6**	**2.1**
		12/17/13	**5.7**	0.5 U	**0.7**	**2.3**
		12/24/13	**6.1**	0.5 U	**0.7**	**2.3**
		12/31/13	**5.6**	0.5 U	**0.6**	**2.1**
		2/11/14	**7.3**	0.5 U	**0.7**	**2.5**
		2/18/14	**5.9**	0.5 U	**0.6**	**2.3**
		2/25/14	**6.1**	0.5 U	**0.6**	**2.2**
		3/11/14	**6.4**	0.5 U	**0.6**	**2.4**
		3/18/14	**6.7**	0.5 U	**0.6**	**2.3**
		3/25/14	**7.0**	0.5 U	**0.6**	**2.3**
		4/01/14	**6.9**	0.5 U	**0.6**	**2.2**
		4/08/14	**8.2**	0.5 U	**0.6**	**2.2**
		4/15/14	**7.0**	0.5 U	**0.6**	**2.3**
		4/22/14	**7.0**	0.5 U	**0.7**	**2.6**
		4/29/14	NA	0.5 U	**0.7**	**2.6**
	WINDSOR	7/09/13	4.0 U	NA	NA	NA
		7/23/13	NA	0.5 U	0.5 U	0.5 U
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
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.